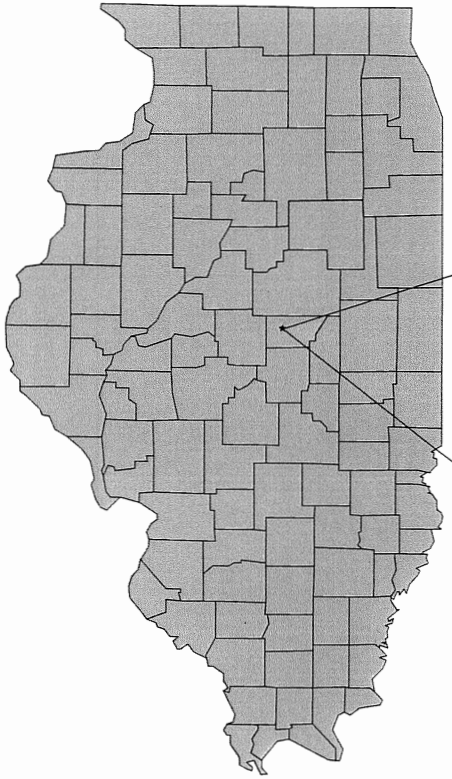
Clinton Landfill, Inc.



Addendum to IEPA Permit (Log No. 2008-054) Response to Draft Denial Points

Application for a Chemical Waste Unit at the Clinton Landfill No. 3

Submitted By:

Shaw® Shaw Environmental, Inc.

Volume II of III

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Submitted To:

ATTACHMENT 4

LOWER RADNOR TILL SAND MODEL

Shaw®

LOWER RADNOR TILL SAND

GROUNDWATER IMPACT ASSESSMENT

Shaw®

GROUNDWATER IMPACT ASSESSMENT

The following information documents the assumptions and values used for the Lower Radnor Till Sand model. The model represents the anticipated site conditions for the design and hydrogeologic setting of the Chemical Waste Unit (CWU). The assumptions and values are based on the actual design and CQA plan proposed in the application and the information obtained from the hydrogeologic investigation. When site specific values were not available, appropriate and conservative values from literature or values recommended by the IEPA were used.

Model Input

MIGRATE requires values for the input parameters identified in Table 1. The sources of the assigned parameter values for this GIA are described as follows. To the extent possible, site or chemical specific values were used. As previously mentioned, when site or chemical specific parameters were not available, appropriate values were obtained from published literature or by values recommended by the IEPA. In general, the input parameter values assigned for use in this GIA were intentionally biased when site-specific values were not available, to result in a higher predicted groundwater concentration in the Lower Radnor Till Sand to conform to IEPA conservative approaches. An example of a "conservative" value is using an adsorption coefficient, K_d, equal to zero for constituents that would readily be adsorbed to the liner material.

All model input must have consistent units. Each of the model input parameters are discussed briefly in the following paragraphs. Documentation for model input parameters is included within Attachment 3.

Landfill Length

The landfill flow length must be specified in MIGRATE. For modeling purposes, this value is the length of the bottom of the leachate collection system along the aquifer groundwater flow path. Groundwater flow in the aquifer flows from northeast to southwest underneath the Site. The estimated model landfill flow length is approximately 369.26 m. Documentation establishing the landfill flow length is included in Attachment 3.

Initial Leachate Concentration

The initial leachate concentration input used was one (1). This value is unitless because it represents the unit leachate concentration of any given constituent. Therefore, the model results represent a fraction of the initial leachate concentration for any particular constituent.

Number of Layers and Layer Thicknesses

Five layers will be modeled at the site; a 60-mil HDPE geomembrane liner, a 3-foot compacted cohesive soil liner, 2.90 feet of compacted clay fill, 19.87 feet of Berry Clay/Radnor Till, and 2.80 feet of the Lower Radnor Till Sand. MIGRATE also allows a layer to be subdivided so that the predicted concentration distribution within a layer can be evaluated. The HDPE geomembrane liner, compacted cohesive soil liner, compacted clay fill, Berry Clay/Radnor Till, and Lower Radnor Till Sand were divided into 1, 3, 3, 3, and 3 sublayers, respectively. Sensitivity analysis on the thickness of the compacted clay fill, Berry Clay/Radnor Till, and Lower Radnor Till Sand is provided in the sensitivity analysis section of this report. Layer thickness documentation is provided in Attachment 3.

TABLE 1
LOWER RADNOR TILL SAND INPUT PARAMETER VALUES
CLINTON LANDFILL No. 3 CWU

Parameter	Value	Notes	Data
Landfill Base Length (L)(m)	369.26	Length of Unit from Northeast to Southwest	1,2
Initial Leachate Concentration (Co)	1	Unit Leachate Concentration	2
Number of Layers	5	Total Number of Modeled Layers	1,2
Modeling Period (years)	134	34 Years Active Life Plus 100 Years Past Closure.	2,3
TALBOT PARAMETERS			
TAU	7	Talbot Parameters for the Numerical Inversion of the Laplace Transform	2
Sigma	0		2
RNU	1		2
N	11		2
GAUSS INTEGRATION PARAMETERS			
Gauss Integration Parameters	Normal		2
LAYER 1 - 60-mil HDPE Geomembrane Liner			
Sublayers	1	Model Parameter	2
Thickness (b) (m)	0.0015	Design Specification	1,2
Porosity (n_e)	1	Assume all flow through pinholes	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	0.94	HDPE Manufacturer's Specification	1,2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2
Horizontal Darcy Velocity (m/yr)	0.0	Assuming Vertical Flow in Liner (only)	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	3.0×10^{-5}	IEPA Recommended Value	3
Mechanical Dispersion Coefficient (D_m) (m^2/yr)	3.0×10^{-5}	$D_m = D^*$ (Dispersion was set equal to diffusion due to the low seepage rate out of the liner, movement will be dominated by diffusion)	1,2
Coeff. of Hydrodynamic Dispersion (D) (m^2/yr)	3.0×10^{-5}	$D = D^*$ (Due to the low seepage rate, movement will be dominated be diffusion)	1,2

TABLE 1 (continued) LOWER RADNOR TILL SAND INPUT PARAMETER VALUES CLINTON LANDFILL No. 3 CWU			
Parameter	**Value**	**Notes**	**Data**
LAYER 2 - Compacted Cohesive Soil Liner			
Sublayers	3	Model Parameter	2
Thickness (b) (m)	0.9144	Design Specification	1,2
Porosity (n_e)	0.24	Estimated Effective Porosity based on Laboratory Results for the Existing Liner at Clinton Landfill No. 2	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	1.9	Default Value	2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2
Horizontal Darcy Velocity (m/yr)	0.0	Assuming Vertical Flow in Liner (only)	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	0.0158	IEPA Recommended Value	3
Mechanical Dispersion Coefficient (D_m) (m^2/yr)	0.0158	$D_m = D^*$ (Dispersion was set equal to diffusion due to the low seepage rate out of the liner, movement will be dominated by diffusion)	1,2
Coeff. of Hydrodynamic Dispersion (D) (m^2/yr)	0.0158	$D = D^*$ (Due to the low seepage rate, movement will be dominated be diffusion)	1,2
LAYER 3 - Compacted Clay Fill			
Sublayers	3	Model Parameter	2
Thickness (b) (m)	0.8839	Average Thickness of the Clay Fill between the Base of the Liner and Top of the Berry Clay	1,2
Porosity (n_e)	0.24	Estimated Effective Porosity based on Laboratory Results for the Existing Liner at Clinton Landfill No. 2	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	1.9	Default Parameter	2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2
Horizontal Darcy Velocity (m/yr)	0.0	Assuming Vertical Flow in Delavan Member	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	0.0158	IEPA Recommended Value	3

TABLE 1 (continued) LOWER RADNOR TILL SAND INPUT PARAMETER VALUES CLINTON LANDFILL No. 3 CWU			
Parameter	**Value**	**Notes**	**Data**
Mechanical Dispersion Coefficient (D_m) (m^2/yr)	0.0158	$D_m = D^*$ (Dispersion was set equal to diffusion due to the low seepage rate out of the liner, movement will be dominated by diffusion)	1,2
Coeff. of Hydrodynamic Dispersion (D) (m^2/yr)	0.0158	$D = D^*$ (Due to the low seepage rate, movement will be dominated be diffusion)	1,2
LAYER 4 - Berry Clay/Radnor Till			
Sublayers	3	Model Parameter	2
Thickness (b) (m)	6.06	Average Thickness of Berry Clay/Radnor Till	1,2
Porosity (n_e)	0.24	Estimated Effective Porosity based on Laboratory Results for the Berry Clay/Radnor Till	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	1.9	Default Parameter	1,2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2
Horizontal Darcy Velocity (m/yr)	0.0	Assuming Vertical Flow in Liner (only)	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	0.0158	IEPA Recommended Value	3
Mechanical Dispersion Coefficient (D_m) (m^2/yr)	0.0158	$D_m = D^*$ (Dispersion was set equal to diffusion due to the low seepage rate out of the liner, movement will be dominated by diffusion)	1,2
Coeff. of Hydrodynamic Dispersion (D) (m^2/yr)	0.0158	$D = D^*$ (Due to the low seepage rate, movement will be dominated be diffusion)	1,2
LAYER 5 - Lower Radnor Till Sand			
Sublayers	3	Model Parameter	2
Thickness (b) (m)	0.853	Average Thickness of Lower Radnor Till Sand	1,2
Porosity (n_e)	0.38	Estimated Effective Porosity for the Lower Radnor Till Sand (Walton, 1991)	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	1.9	Default Parameter	1,2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2

TABLE 1 (continued)
LOWER RADNOR TILL SAND INPUT PARAMETER VALUES
CLINTON LANDFILL No. 3 CWU

Parameter	Value	Notes	Data
Horizontal Darcy Velocity (m/yr)	0.62	Calculated Using Geometric Mean Hydraulic Conductivity of the Lower Radnor Till Sand and Average Gradient.	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	0.0158	IEPA Recommended Value	3
Mechanical Dispersion (horizontal)(D_h) (m^2/yr)	19.1	Provided by Xu and Eckstein, 1995 and seepage velocity	1,2
Mechanical Dispersion (vertical) (D_v) (m^2/yr)	1.91	Ten Percent of the Horizontal Mechanical Dispersion	1,2

Explanation of Data:
1. Value is based on actual anticipated site conditions
2. Value is required model input parameter
3. Value is conservative value which will result in higher predicted concentrations than the actual anticipated site conditions

Modeling Period

The modeling period is the expected life of the CWU plus 100 years after closure. The expected life of the CWU has been estimated to be approximately 34 years, resulting in a modeling period of 134 years.

Talbot Parameters

MIGRATE uses a Laplace transform to find the solution to the advection-dispersion equation. The numerical inversion of the Laplace transform depends on the Talbot parameters. The model provides default values for the Talbot parameters or they can be selected by the user. The default Talbot parameters were used in the groundwater model.

Gauss Integration Parameters

MIGRATE performs numerical integration to arrive at a final solution. These numerical integrations are performed by dividing the integration range into a number of subintervals and then using Gauss quadrature within each subinterval. Three (3) parameters must be specified in the data input. These parameters are the integration step size, the number of integration steps, and the number of sample points. The program offers three (3) sets of default values or the ability to select each of the parameters. For this model, the normal default integration values were used.

Boundary Conditions

MIGRATE requires the specification of an upper and lower boundary condition. The top boundary condition typically represents the landfill as a potential source. When modeling the landfill as a surface boundary, the concentration of each constituent in leachate can be assumed to be constant or a specific mass can be assumed to be present. Assuming finite mass results in a decreasing source concentration over time, which would most accurately represent the fact that leachate concentrations in landfills with leachate collection and removal

systems will gradually decrease over time. However, a constant concentration was assumed as it results in conservative model results.

The lower boundary condition can be specified as permeable, impermeable, or zero concentration. For this model, the impermeable bottom boundary condition was utilized. The impermeable bottom boundary is conservative as it does not allow any transmission of contaminant across this boundary. If the bottom boundary was not assumed to be impermeable, contaminants would actually diffuse and migrate across this boundary and move into the geologic unit below (reducing concentrations).

Darcy Velocity

MIGRATE requires the input of the Darcy velocity for each layer in horizontal and vertical directions. The vertical Darcy velocity was modeled outward at 3.08×10^{-4} m/yr. A horizontal Darcy velocity will be applied to the Lower Radnor Till Sand. The gradient table provided in Attachment 3 indicates an average horizontal gradient of approximately 0.00892. The horizontal hydraulic conductivities of the Lower Radnor Till Sand obtained from slug testing range from 4.32×10^{-3} cm/sec to 1.02×10^{-5} cm/sec with a geometric mean of 2.21×10^{-4} cm/sec. A horizontal advective velocity of 0.62 m/yr is obtained from an average gradient of 0.00892 and geometric mean of 2.21×10^{-4} cm/sec. Sensitivity runs will be performed using the maximum and minimum gradients and maximum and minimum horizontal hydraulic conductivities for the Lower Radnor Till Sand.

Hydrodynamic Dispersion Coefficient

MIGRATE requires the input of hydrodynamic dispersion coefficients for both the vertical and horizontal directions for each layer. The hydrodynamic dispersion coefficient is calculated by the following equation:

$$D = D^* + \alpha v \qquad \text{(Equation 1)}$$

where,

D	=	the hydrodynamic dispersion coefficient (m^2/yr),
α	=	the dispersivity (m),
v	=	the groundwater seepage velocity (m/yr),
D^*	=	the effective diffusion coefficient (m^2/yr).

Table 1 lists the model input dispersion coefficient values. The dominant transport mechanism for the HDPE, compacted cohesive soil liner, compacted clay fill, and Berry Clay/Radnor Till is diffusion due to the low outward seepage rate (3.08×10^{-4} m/yr) through the liner system. The diffusion rate in the clay liner will be greater than the conservative seepage rate out of the landfill. An effective diffusion coefficient of 3.0×10^{-5} m^2/y (Rowe, Quigley, and Booker, 1995) was used for the 60-mil HDPE geomembrane liner. An input of 0.0158 m^2/y was used to represent the effective diffusion coefficient in the 3-foot compacted cohesive soil liner, compacted clay fill, and Berry Clay/Radnor Till. In the Lower Radnor Till Sand dispersion dominates the hydrodynamic dispersion coefficient. The weighted least-squares method described by Xu and Eckstein (1995) was used to determine the horizontal dispersivity ($0.83(\text{Log Landfill Length})^{2.414} = 0.83(\text{Log } 369.26)^{2.414} = 11.7$ m). The dispersion coefficient was then obtained by taking the horizontal Darcy velocity 0.62 m/yr dividing by the estimated effective porosity (0.38)(creating the groundwater seepage velocity 1.63 m/yr) and multiplying by the dispersivity (11.3 m). A horizontal dispersion coefficient value of 19.1 m^2/yr was obtained and used in the model. The vertical dispersion coefficient was assumed to be ten percent of the horizontal dispersion coefficient. With the dispersion coefficient dominating

over the diffusion coefficient in the Lower Radnor Till Sand, the Hydrodynamic Dispersion Coefficient will be set equal to the dispersion coefficient in the Lower Radnor Till Sand.

Estimated Effective Porosity Input

Table 1 lists the effective porosity values for the model layers. The porosity of the 60-mil HDPE geomembrane liner was assumed to be 1 with all flow occurring through the pinholes in the liner. The density of the HDPE liner was obtained from manufacturer's specifications.

The estimated effective porosity value for the compacted cohesive soil liner and compacted clay fill (0.24) was based on laboratory data for Clinton Landfill No. 2, which is provided in Attachment 3.

The estimated effective porosity value for the Berry Clay/Radnor Till (0.24) was based on laboratory data for the Berry clay and Radnor Till, which is provided in Attachment 3.

The estimated effective porosity value for the Lower Radnor Till Sand (0.38) was based on information obtained from Walton 1991 and has been included in Attachment 3.

Adsorption Coefficient

The adsorption coefficient (K_d) is used to simulate retardation of constituents in the subsurface. The adsorption coefficient is specific to each particular compound and the geologic material.

Although adsorption can play a significant role in retarding the migration of numerous constituents in groundwater, it is conservatively assumed that the adsorption coefficients are zero.

Degradation

Degradation is used to simulate degradation of constituents in the subsurface. Degradation is specific to each particular compound.

Although degradation can play a significant role in reducing the migration of numerous constituents in groundwater, it is conservatively assumed that degradation is not present.

Model Evaluation Distance

The model evaluation distance is not a model input parameter. However, this distance is needed in order to evaluate the results of the GIA since the model only provides results for specified distances. The results provided by MIGRATE for a particular distance are relative to the center of the landfill along the longest groundwater flow path. Therefore, when evaluating the results reported for all the various distances evaluated in the various modeling steps, the lateral distance to the center of the landfill needs to be considered and augmented accordingly. The model evaluation distance is thus defined here as the distance from the center of the landfill to the edge of the zone of attenuation along the longest flow path. The zone of attenuation, as defined in 35 Ill. Admin. Code 810.103, is the "three dimensional region formed by excluding the volume occupied by the waste placement from the smaller of the volumes resulting from the vertical planes drawn to the bottom of the uppermost aquifer at the property boundary or 100 feet from the edge of one or more adjacent units." For the proposed expansion, the edge of the zone of attenuation is 100 feet from the waste boundary.

Thus, the model evaluation distance becomes the sum of half of the landfill bottom length plus the sidewall distance plus the compliance distance along the longest flow path. As stated before in the landfill length section, the model input landfill length is 369.26 m. The distance created by the side wall length is 34.99 m and the compliance distance is 30.48 m (100 feet). The corresponding model evaluation distance is 250.10 m ((369.26/2) + 34.99 + 30.48). The concentrations also need to be predicted at 1/3 and 2/3 of the distance between the waste boundary and the limit of the zone of attenuation. The corresponding model evaluation distances are 229.78 m ((369.26/2) + 34.99 + (30.48*1/3)) and 239.94 m ((369.26/2) + 34.99 + (30.48*2/3)).

Model Results

The GIA was completed to evaluate the anticipated site conditions based upon the hydrogeology and the proposed designs, the CQA plan, the operations, and the post-closure care of the facility. The results of the GIA, as discussed below, demonstrate that the CWU will not have an adverse impact on groundwater quality in the Lower Radnor Till Sand at the ZOA for 100 years after closure of the CWU.

Anticipated Site Conditions Phase

The model output for the CWU is included in Attachment 4. The model predicted representative maximum Groundwater Concentration Prediction Factor (GCPF) for the entire 134 year simulation period at the edge of the zone of attenuation is 3.07×10^{-6}.

As discussed earlier, the model predicted groundwater concentration for each of the constituents can simply be obtained by multiplying the maximum GCPF and the initial leachate concentration corresponding to the respective constituent.

The leachate quality data established at similar facilities and the existing Clinton Landfill No. 2 were used in conjunction with the groundwater concentration prediction factors to compare the predicted groundwater concentrations in the Lower Radnor Till Sand at the CWU to the AGQSs provided on Table 812.316-17 in Attachment 5. As indicated in Table 812.316-17, the model predicted groundwater concentrations in the Lower Radnor Till Sand at the ZOA do not exceed the AGQS for each respective constituent at the CWU.

Thus, the proposed CWU design and site hydrogeologic characteristics are such that there will be no adverse impact on groundwater quality in the Lower Radnor Till Sand. Expected concentrations in the groundwater will actually be lower than those predicted in the GIA because of the overly conservative nature of the model.

Concentration versus time and distance plots for the model are presented in Attachment 4. The concentration versus distance plots show the model predicted concentrations at the waste boundary, 1/3 the distance to the ZOA, 2/3 the distance to the ZOA, and at the ZOA.

Sensitivity Analysis

As discussed in the Model Input section, many of the model input parameters were site specific. The Lower Radnor Till Sand model for the CWU used representative values from these site specific parameters. As discussed in the Model Results section and shown in Table 812.316-17, model predicted GCPF values and thus groundwater concentrations were noted at the zone of attenuation. Accordingly, the sensitivity analysis focused on the effect of changes to the Lower Radnor Till Sand model input parameters on the model predicted

representative maximum GCPF at the ZOA. The sensitivity analyses for the CWU are provided in Attachment 7. Justification for the variation used in the sensitivity analyses is discussed as follows. A table at the front of the sensitivity analyses summarizes the sensitivity analyses done on Lower Radnor Till Sand model.

Coefficient of Hydrodynamic Dispersion

The coefficient of hydrodynamic dispersion of the HDPE (3.0×10^{-5} m^2/yr) was increased and decreased by 25%. This value has been derived from laboratory testing. Therefore, a 25% change is considered conservative and will result in a satisfactory sensitivity evaluation of this parameter. In the 3-foot compacted clay liner, compacted clay fill, and Berry Clay/Radnor Till, the baseline value used for the coefficient of hydrodynamic dispersion (0.0158 m^2/yr) was increased and decreased by 25%. A 25% increase in coefficient of hydrodynamic dispersion (0.0158 m^2/yr x 0.25 = 0.01975 m^2/yr) results in a value near 0.02 m^2/yr, which is considered to be the maximum diffusion rate for chloride in clay. Therefore, the 25% increase in the coefficient of hydrodynamic dispersion results in a satisfactory sensitivity evaluation of this parameter. In the Lower Radnor Till Sand, the coefficient of hydrodynamic dispersion was dominated by dispersion. The coefficient of hydrodynamic dispersion used for the baseline model was 19.1 m^2/yr. It was determined that the increased and decreased Darcy velocity (maximum and minimum gradients and maximum and minimum horizontal hydraulic conductivities) sensitivity runs would increase and decrease the dispersion values (19.4 to 18.8 m^2/yr and 375.57 to 0.89 m^2/yr, respectively), resulting in a satisfactory sensitivity evaluation of this parameter.

Porosity

The estimated effective porosity of the 3-foot compacted clay liner and compacted clay fill, that was used for the baseline model (0.24), was based on the site specific laboratory data for the compacted liner at the Clinton Landfill No. 2. Due to the availability of estimated effective porosities based on the site specific data, it was possible to obtain a range of values (0.20 to 0.28) from the samples tested. As such, sensitivity analyses were run using both the maximum and minimum estimated effective porosity expressed in the laboratory results for the compacted liner at the Clinton Landfill No. 2.

The estimated effective porosity of the Berry Clay/Radnor Till, that was used for the baseline model (0.24), was based on the site specific laboratory data for the Berry Clay/ Radnor Till. Due to the availability of estimated effective porosities based on the site specific data, it was possible to obtain a range of values (0.15 to 0.31) from the samples tested. As such, sensitivity analyses were run using both the maximum and minimum estimated effective porosity expressed in the laboratory results for the Berry Clay/Radnor Till.

The estimated effective porosity of the Lower Radnor Till Sand, that was used for the model (0.38), was based on information obtained from Walton 1991 and has been included in Attachment 3. Based on Walton 1991, a range of estimated effective porosity values (0.24 to 0.52) were calculated. As such, sensitivity analyses were run using both the maximum and minimum estimated effective porosity values.

It should be noted that the porosity of the HDPE was not changed because it is at the maximum recommended value suggested by the MIGRATE users guide (Rowe, Booker and Fraser, 1995). This value is documented in Attachment 3.

Darcy Velocity

For the baseline model, the vertical Darcy velocity was conservatively calculated with 1 foot of leachate head and poor liner conditions. This value is already overly conservative, but was increased and decreased by one order of magnitude for the sensitivity analysis. As a result, it was determined that a Darcy velocity increased and decreased by one order of magnitude will result in a satisfactory sensitivity evaluation of this parameter.

It was determined that using Darcy velocities in the Lower Radnor Till Sand created separately by the maximum and minimum gradient (0.63 m/yr and 0.61 m/yr) and maximum and minimum horizontal hydraulic conductivity (12.2 m/yr and 0.029 m/yr) will result in a satisfactory sensitivity evaluation of this parameter.

Layer Thickness

The minimum thickness of the compacted clay fill between the base of the liner and the Berry Clay is 0.0 feet. It was determined that using the minimum thickness will result in a satisfactory evaluation of this parameter. The maximum and minimum thicknesses of the clay fill are documented in Attachment 3.

The minimum thickness of the Berry Clay/Radnor Till is 16.0 feet. It was determined that using the minimum thickness will result in a satisfactory evaluation of this parameter. The maximum and minimum thicknesses of the Berry Clay/Radnor Till are documented in Attachment 3.

The average thickness of the Lower Radnor Till Sand was used in the model. The thickness of the Lower Radnor Till Sand was reduced to the site minimum 0.2 feet. The thickness of the Lower Radnor Till Sand was not increased from the average value, increasing the thickness would increase dilution resulting in a lower predicted concentration. The maximum and minimum thicknesses of the Lower Radnor Till Sand are documented in Attachment 3.

The thickness of the 3-foot Recompacted Clay Liner and HDPE will not vary. These layers will be installed / constructed and will be inspected in accordance with the CQA plan.

As discussed in the Model Results section, the model predicted representative maximum GCPF for the Lower Radnor Till Sand corresponds to the time period of 134 years. All the sensitivity analysis runs were carried out corresponding to a time period of 134 years.

The 'Summary of Results - Sensitivity Analysis (Lower Radnor Till Sand)' table in Attachment 7 includes all of the sensitivity analyses runs.

Sensitivity analysis of the above mentioned parameters resulted in satisfactory results for all of the sensitivity runs.

Model Reliability

The computer based transport model used in the present GIA is based on rigorous and sound analytical solutions to the advective and chemical transport equations. The equations were specifically derived for the purpose of modeling physical and chemical transport from subsurface waste impoundments. Numerous publications, comprehensive documentation and extensive use of this solution approach indicates the versatility of the model for groundwater impact evaluation purposes (Rowe, 1987; Rowe and Booker, 1987; Rowe, 1988; Rowe and

Booker, 1989; Rowe and Booker, 1985; Talbot, 1979). Results obtained using this solution approach are comparable to those obtained using other solution approaches to the transport equation (Rowe and Booker, 1990). The inherent soundness of the model gives rise to modeling the physical situation more closely to the actual conditions. This is evident from the results of the model runs. The finite layer approach used by the modeling analysis fits the stratigraphy observed at the site. Considering the transport processes through various hydrogeological stratums at the pertinent site, the MIGRATE model reasonably incorporates these processes.

Conservativeness of Baseline Model

Site specific data was used for input parameters in the models when possible. When site specific data was not available, appropriate input data was determined based on the extensive knowledge of the site and documented with research literature. These parameters, if they had a high degree of uncertainty, were conservatively estimated.

GIA Conclusions

This GIA was performed in order to evaluate the proposed CWU design and site hydrogeologic conditions. The GIA transport model created to evaluate contaminant transport below the CWU yields groundwater concentration prediction factors, resulting in predicted groundwater concentrations in the Lower Radnor Till Sand that are less than the AGQS values.

The results of this GIA demonstrate that the design features of the proposed CWU are effective in protecting groundwater quality in the Lower Radnor Till Sand and that the site hydrogeologic conditions are favorable for the development of a CWU.

References

Anderson, M.P. and Woessner, W.W. (1992). Applied Groundwater Modeling - Simulation of Flow and Advective Transport, Academic Press, San Diego, CA.

Freeze, R. A. and J. A. Cherry (1979). Groundwater, Prentice-Hall, Englewood Cliffs, NJ.

Gelhar, L.W., C. Welty and K. Rehfeldt (1992). "A Critical Review of Data on Field-Scale Dispersion in Aquifers", Water Resources Research, Vol. 28, No. 7, Pages 1955-1974, July 1992.

Giroud, J. P. and R. Bonaparte (1989). "Leakage through Liners Constructed with Geomembranes - Part I. Geomembrane Liners" and "Leakage through Liners Constructed with Geomembranes - Part II. Composite Liners", Geotextiles and Geomembranes, Vol. 8, Elsevier Science Publishers Ltd., England, Part I, Pages 27-67 and Part II, Pages 71-111.

Howard, P.H., R. Boethling, W. Jarvis, W. Meylan, and E. Michalenko (1991). Handbook of Environmental Degradation Rates, Lewis Publishers, New York.

Rowe, R.K. (1987). "Pollutant transport through barriers", Proceedings of ASCE Specialty Conference, Geotechnical Practice for Waste Disposal '87, Ann Arbor, June, pp. 159-181.

Rowe, R.K. (1988). "Contaminant Migrating Through Groundwater: The Role of Analysis in The Design of Barriers", Canadian Geotechnical Journal, 25(4), pp. 778-798.

Rowe, R.K. (1991). "Contaminant Impact Assessment and the Contaminating Lifespan of Landfills", Canadian Journal of Civil Engineering, vol. 18, pp. 244-253.

Rowe, R. K. (1991). "Leachate Detection or Hydraulic Control: Two Design Options", Geotechnical Research Center Report, GEOT-3-91, Geotechnical Research Center, The University of Western Ontario.

Rowe, R. K. (1995). "The Role of Diffusion and the Modeling of its Impact on Groundwater Quality", Geotechnical Research Center Report, GEOT-7-95, Geotechnical Research Center, The University of Western Ontario.

Rowe, R.K. (1998). "Geosynthetics and the Minimization of Contaminant Migration through Barrier Systems Beneath Solid Waste", Sixth International Conference on Geosynthetics.

Rowe, R.K. and Booker, J.R. (1985). "1-D pollutant migration in soils of finite depth", Journal of Geotechnical Engineering, ASCE, Vol. 11, GT4, pp. 13-42.

Rowe, R.K. and Booker, J.R. (1985). "Two-Dimensional Pollutant Migration in Soils of Finite Depth", Canadian Geotechnical Journal, Volume 22, No. 4, pp. 479-499.

Rowe, R.K. and Booker, J.R. (1986) "A Finite Layer Technique for Calculating Three-Dimensional Pollutant Migration in Soil", Geotechniques 36, No. 2, pp. 205-214.

Rowe, R.K. and Booker, J.R. (1987). "An efficient analysis of pollutant migration through soil", Chapter 2 in the book "Numerical Methods for Transient and Coupled Systems", Eds. Lewis, Hinton, Bettess and Schrefler. John Wiley & Sons Ltd., pp. 13-42.

Rowe, R. K. and J. R. Booker (1988). "A Semi-Analytical Model for Contaminant Migration in a Regular Two or Three Dimensional Fractured Network: Conservative Contaminants", Geotechnical Research Center Report, GEOT-15-88, Geotechnical Research Center, The University of Western Ontario.

Rowe, R.K. and Booker, J.R. (1989). "Contaminant migration through a liner underlain by fractured till and an aquifer", Geotechnical Research Center Report GEOT-12-89; Faculty of Engineering Science, U.W.O.

Rowe, R. K., J. R. Booker and M. J. Fraser. MIGRATEv9, GAEA Environmental Engineering, Ltd., Windsor, Ontario, Canada, 1995.

Rowe, R. K., R. M. Quigley and J. R. Booker. (1995). "Clayey Barrier Systems for Waste Disposal Facilities", E & FN Spon, London, England.

Sara, M. (1994). "Standard Handbook for Solid and Hazardous Waste Facility Assessments", Lewis, U.S.A.

Shackelford, C.D. (1990). "Laboratory diffusion testing for waste disposal - a review", J. of Contaminant Hydrology, Elsevier Science Publishers, Amsterdam, Netherlands.

Talbot, A. (1979). "The accurate numerical integration of La place transforms", J. Inst. Math's. Applics., 23, pp. 97-120.

Todd, D.K. (1980). Groundwater Hydrology. John Wiley & Sons Inc. New York.

U.S. EPA (1992). "Action Leakage Rates for Leak Detection Systems", EPA 530-R-92-004, U.S. EPA, Washington, D.C.

Walton, W.C. (1991). "Principles of Groundwater Engineering", Lewis Publishers.

Xu, M. and Y. Eckstein (1995). "Use of Weighted Least Squares Method in Evaluation of the Relationship Between Dispersivity and Field Scale", Ground Water, v.33, No. 6, pp. 905-908.

LOWER RADNOR TILL SAND MODEL OUTPUT

Shaw®

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*                    M I G R A T E v 9                   *
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*                      VERSION 9.0.7                     *
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*                   REVISION - 4/16/1996                 *
*                                                        *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996      *
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Clinton LF No. 3 (CWU) Lower Radnor Till Sand

SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2041E-07		
		0.3820E+01	-0.3180E-18		
		0.5840E+01	-0.2230E-23		
		0.7860E+01	-0.1319E-34		
		0.8145E+01	-0.7005E-34		
		0.8429E+01	-0.8407E-34		
		0.8714E+01	-0.8596E-34		
5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1160E-07		
		0.3820E+01	-0.1711E-18		
		0.5840E+01	-0.1270E-23		
		0.7860E+01	-0.6012E-34		
		0.8145E+01	-0.8924E-34		
		0.8429E+01	-0.9524E-34		
		0.8714E+01	-0.9566E-34		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5209E-08		
		0.3820E+01	-0.6657E-19		
		0.5840E+01	-0.5735E-24		
		0.7860E+01	-0.4801E-34		
		0.8145E+01	-0.5952E-34		
		0.8429E+01	-0.6124E-34		
		0.8714E+01	-0.6109E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4439E-09		
		0.3820E+01	0.1047E-19		
		0.5840E+01	-0.5363E-25		
		0.7860E+01	-0.3714E-34		
		0.8145E+01	-0.3555E-34		
		0.8429E+01	-0.3409E-34		
		0.8714E+01	-0.3354E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4058E-04		
		0.1800E+01	-0.6986E-05		
		0.3820E+01	-0.3643E-13		
		0.5840E+01	0.1296E-17		
		0.7860E+01	-0.8260E-25		
		0.8145E+01	0.1982E-24		
		0.8429E+01	0.3398E-24		
		0.8714E+01	0.3828E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2308E-04		
		0.1800E+01	-0.3973E-05		
		0.3820E+01	-0.2073E-13		
		0.5840E+01	0.7364E-18		
		0.7860E+01	-0.3715E-24		
		0.8145E+01	-0.2099E-24		
		0.8429E+01	-0.1270E-24		
		0.8714E+01	-0.1016E-24		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1788E-05		
		0.3820E+01	-0.9337E-14		
		0.5840E+01	0.3306E-18		
		0.7860E+01	-0.2490E-24		
		0.8145E+01	-0.1738E-24		
		0.8429E+01	-0.1336E-24		
		0.8714E+01	-0.1211E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9126E-06		
		0.1800E+01	-0.1576E-06		
		0.3820E+01	-0.8377E-15		
		0.5840E+01	0.2801E-19		
		0.7860E+01	-0.6431E-25		
		0.8145E+01	-0.5276E-25		
		0.8429E+01	-0.4420E-25		
		0.8714E+01	-0.4116E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5285E-03		
		0.1505E+01	-0.1831E-03		
		0.1800E+01	-0.5399E-04		
		0.3820E+01	-0.1311E-09		
		0.5840E+01	0.1274E-15		
		0.7860E+01	-0.2031E-19		
		0.8145E+01	-0.1942E-19		
		0.8429E+01	-0.1901E-19		

		0.8714E+01	-0.1889E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3007E-03		
		0.1505E+01	-0.1042E-03		
		0.1800E+01	-0.3073E-04		
		0.3820E+01	-0.7464E-10		
		0.5840E+01	0.7225E-16		
		0.7860E+01	0.6736E-20		
		0.8145E+01	0.7416E-20		
		0.8429E+01	0.7764E-20		
		0.8714E+01	0.7872E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4694E-04		
		0.1800E+01	-0.1385E-04		
		0.3820E+01	-0.3367E-10		
		0.5840E+01	0.3231E-16		
		0.7860E+01	0.4812E-20		
		0.8145E+01	0.5159E-20		
		0.8429E+01	0.5347E-20		
		0.8714E+01	0.5407E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4241E-05		
		0.1800E+01	-0.1258E-05		
		0.3820E+01	-0.3099E-11		
		0.5840E+01	0.2545E-17		
		0.7860E+01	0.1853E-20		
		0.8145E+01	0.1915E-20		
		0.8429E+01	0.1959E-20		
		0.8714E+01	0.1975E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9206E-03		
		0.1505E+01	-0.4014E-03		
		0.1800E+01	-0.1555E-03		
		0.3820E+01	-0.8083E-08		

		0.5840E+01	-0.2385E-14		
		0.7860E+01	0.1102E-16		
		0.8145E+01	0.1111E-16		
		0.8429E+01	0.1117E-16		
		0.8714E+01	0.1119E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5241E-03		
		0.1505E+01	-0.2285E-03		
		0.1800E+01	-0.8859E-04		
		0.3820E+01	-0.4606E-08		
		0.5840E+01	-0.1361E-14		
		0.7860E+01	0.1544E-17		
		0.8145E+01	0.1589E-17		
		0.8429E+01	0.1614E-17		
		0.8714E+01	0.1622E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4833E-03		
		0.1211E+01	-0.2364E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.3999E-04		
		0.3820E+01	-0.2082E-08		
		0.5840E+01	-0.6169E-15		
		0.7860E+01	-0.1397E-17		
		0.8145E+01	-0.1388E-17		
		0.8429E+01	-0.1384E-17		
		0.8714E+01	-0.1382E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4378E-04		
		0.1211E+01	-0.2168E-04		
		0.1505E+01	-0.9548E-05		
		0.1800E+01	-0.3728E-05		
		0.3820E+01	-0.1981E-09		
		0.5840E+01	-0.6161E-16		
		0.7860E+01	-0.1100E-17		
		0.8145E+01	-0.1104E-17		
		0.8429E+01	-0.1106E-17		
		0.8714E+01	-0.1107E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.1211E+01	-0.1300E-02		
		0.1505E+01	-0.6521E-03		
		0.1800E+01	-0.2982E-03		
		0.3820E+01	-0.9831E-07		
		0.5840E+01	-0.2421E-12		
		0.7860E+01	-0.3096E-15		
		0.8145E+01	-0.3115E-15		
		0.8429E+01	-0.3127E-15		
		0.8714E+01	-0.3131E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7405E-03		
		0.1505E+01	-0.3715E-03		
		0.1800E+01	-0.1700E-03		
		0.3820E+01	-0.5607E-07		
		0.5840E+01	-0.1381E-12		
		0.7860E+01	-0.8154E-16		
		0.8145E+01	-0.8285E-16		
		0.8429E+01	-0.8361E-16		
		0.8714E+01	-0.8387E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6091E-03		
		0.1211E+01	-0.3344E-03		
		0.1505E+01	-0.1679E-03		
		0.1800E+01	-0.7684E-04		
		0.3820E+01	-0.2539E-07		
		0.5840E+01	-0.6257E-13		
		0.7860E+01	0.4122E-16		
		0.8145E+01	0.4086E-16		
		0.8429E+01	0.4065E-16		
		0.8714E+01	0.4059E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9336E-04		
		0.9159E+00	-0.5608E-04		
		0.1211E+01	-0.3127E-04		
		0.1505E+01	-0.1588E-04		
		0.1800E+01	-0.7336E-05		
		0.3820E+01	-0.2492E-08		
		0.5840E+01	-0.6187E-14		
		0.7860E+01	0.5183E-16		
		0.8145E+01	0.5196E-16		
		0.8429E+01	0.5203E-16		
		0.8714E+01	0.5206E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.9079E-03		
		0.1800E+01	-0.4641E-03		
		0.3820E+01	-0.5269E-06		
		0.5840E+01	-0.1066E-10		
		0.7860E+01	0.2406E-14		
		0.8145E+01	0.2422E-14		
		0.8429E+01	0.2431E-14		
		0.8714E+01	0.2434E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1583E-02		
		0.1211E+01	-0.9385E-03		
		0.1505E+01	-0.5175E-03		
		0.1800E+01	-0.2647E-03		
		0.3820E+01	-0.3007E-06		
		0.5840E+01	-0.6088E-11		
		0.7860E+01	0.1766E-15		
		0.8145E+01	0.1858E-15		
		0.8429E+01	0.1913E-15		
		0.8714E+01	0.1931E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7146E-03		
		0.1211E+01	-0.4242E-03		
		0.1505E+01	-0.2341E-03		
		0.1800E+01	-0.1198E-03		
		0.3820E+01	-0.1364E-06		
		0.5840E+01	-0.2764E-11		
		0.7860E+01	-0.8601E-15		
		0.8145E+01	-0.8589E-15		
		0.8429E+01	-0.8583E-15		
		0.8714E+01	-0.8582E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6677E-04		
		0.1211E+01	-0.4036E-04		
		0.1505E+01	-0.2260E-04		
		0.1800E+01	-0.1169E-04		
		0.3820E+01	-0.1378E-07		
		0.5840E+01	-0.2820E-12		
		0.7860E+01	-0.7519E-15		
		0.8145E+01	-0.7546E-15		
		0.8429E+01	-0.7562E-15		
		0.8714E+01	-0.7568E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1155E-02		
		0.1800E+01	-0.6395E-03		
		0.3820E+01	-0.1761E-05		
		0.5840E+01	-0.1578E-09		
		0.7860E+01	-0.1899E-14		
		0.8145E+01	-0.1948E-14		
		0.8429E+01	-0.1979E-14		
		0.8714E+01	-0.1989E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.6585E-03		
		0.1800E+01	-0.3648E-03		
		0.3820E+01	-0.1006E-05		
		0.5840E+01	-0.9018E-10		
		0.7860E+01	0.6826E-14		
		0.8145E+01	0.6821E-14		
		0.8429E+01	0.6818E-14		
		0.8714E+01	0.6817E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8035E-03		
		0.1211E+01	-0.5047E-03		
		0.1505E+01	-0.2982E-03		
		0.1800E+01	-0.1654E-03		
		0.3820E+01	-0.4572E-06		
		0.5840E+01	-0.4102E-10		
		0.7860E+01	0.7210E-14		
		0.8145E+01	0.7234E-14		
		0.8429E+01	0.7248E-14		
		0.8714E+01	0.7253E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7607E-04		
		0.1211E+01	-0.4879E-04		
		0.1505E+01	-0.2931E-04		
		0.1800E+01	-0.1646E-04		
		0.3820E+01	-0.4745E-07		
		0.5840E+01	-0.4312E-11		
		0.7860E+01	0.3214E-14		
		0.8145E+01	0.3238E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.3253E-14		
		0.8714E+01	0.3258E-14		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3411E-02		
		0.1211E+01	-0.2231E-02		
		0.1505E+01	-0.1386E-02		
		0.1800E+01	-0.8153E-03		
		0.3820E+01	-0.4371E-05		
		0.5840E+01	-0.1198E-08		
		0.7860E+01	-0.4007E-13		
		0.8145E+01	-0.3990E-13		
		0.8429E+01	-0.3981E-13		
		0.8714E+01	-0.3979E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1272E-02		
		0.1505E+01	-0.7908E-03		
		0.1800E+01	-0.4654E-03		
		0.3820E+01	-0.2498E-05		
		0.5840E+01	-0.6852E-09		
		0.7860E+01	-0.3368E-13		
		0.8145E+01	-0.3370E-13		
		0.8429E+01	-0.3373E-13		
		0.8714E+01	-0.3374E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8790E-03		
		0.1211E+01	-0.5762E-03		
		0.1505E+01	-0.3585E-03		
		0.1800E+01	-0.2112E-03		
		0.3820E+01	-0.1138E-05		
		0.5840E+01	-0.3123E-09		
		0.7860E+01	-0.1032E-13		
		0.8145E+01	-0.1039E-13		
		0.8429E+01	-0.1044E-13		
		0.8714E+01	-0.1046E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1200E-03		
		0.9159E+00	-0.8423E-04		
		0.1211E+01	-0.5652E-04		
		0.1505E+01	-0.3582E-04		
		0.1800E+01	-0.2142E-04		

		0.3820E+01	-0.1211E-06		
		0.5840E+01	-0.3377E-10		
		0.7860E+01	0.8898E-14		
		0.8145E+01	0.8857E-14		
		0.8429E+01	0.8833E-14		
		0.8714E+01	0.8826E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7209E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3658E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1599E-02		
		0.1800E+01	-0.9863E-03		
		0.3820E+01	-0.8885E-05		
		0.5840E+01	-0.5817E-08		
		0.7860E+01	0.7345E-13		
		0.8145E+01	0.7716E-13		
		0.8429E+01	0.7908E-13		
		0.8714E+01	0.7967E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2987E-02		
		0.9159E+00	-0.2085E-02		
		0.1211E+01	-0.1411E-02		
		0.1505E+01	-0.9130E-03		
		0.1800E+01	-0.5633E-03		
		0.3820E+01	-0.5083E-05		
		0.5840E+01	-0.3330E-08		
		0.7860E+01	-0.2491E-13		
		0.8145E+01	-0.2281E-13		
		0.8429E+01	-0.2172E-13		
		0.8714E+01	-0.2138E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1349E-02		
		0.9159E+00	-0.9437E-03		
		0.1211E+01	-0.6397E-03		
		0.1505E+01	-0.4144E-03		
		0.1800E+01	-0.2559E-03		
		0.3820E+01	-0.2318E-05		
		0.5840E+01	-0.1521E-08		
		0.7860E+01	-0.7020E-13		
		0.8145E+01	-0.6936E-13		
		0.8429E+01	-0.6893E-13		
		0.8714E+01	-0.6880E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1263E-03		

		0.9159E+00	-0.9143E-04		
		0.1211E+01	-0.6360E-04		
		0.1505E+01	-0.4205E-04		
		0.1800E+01	-0.2640E-04		
		0.3820E+01	-0.2529E-06		
		0.5840E+01	-0.1689E-09		
		0.7860E+01	-0.6146E-13		
		0.8145E+01	-0.6154E-13		
		0.8429E+01	-0.6157E-13		
		0.8714E+01	-0.6158E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5427E-02		
		0.9159E+00	-0.3871E-02		
		0.1211E+01	-0.2689E-02		
		0.1505E+01	-0.1795E-02		
		0.1800E+01	-0.1149E-02		
		0.3820E+01	-0.1569E-04		
		0.5840E+01	-0.2062E-07		
		0.7860E+01	0.5652E-12		
		0.8145E+01	0.5946E-12		
		0.8429E+01	0.6095E-12		
		0.8714E+01	0.6141E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2207E-02		
		0.1211E+01	-0.1535E-02		
		0.1505E+01	-0.1025E-02		
		0.1800E+01	-0.6568E-03		
		0.3820E+01	-0.8983E-05		
		0.5840E+01	-0.1181E-07		
		0.7860E+01	0.2507E-12		
		0.8145E+01	0.2673E-12		
		0.8429E+01	0.2758E-12		
		0.8714E+01	0.2784E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.9995E-03		
		0.1211E+01	-0.6961E-03		
		0.1505E+01	-0.4657E-03		
		0.1800E+01	-0.2987E-03		
		0.3820E+01	-0.4104E-05		
		0.5840E+01	-0.5406E-08		
		0.7860E+01	0.7548E-13		
		0.8145E+01	0.8351E-13		
		0.8429E+01	0.8781E-13		
		0.8714E+01	0.8916E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1695E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9784E-04		
		0.1211E+01	-0.7006E-04		
		0.1505E+01	-0.4794E-04		
		0.1800E+01	-0.3131E-04		
		0.3820E+01	-0.4580E-06		
		0.5840E+01	-0.6159E-09		
		0.7860E+01	-0.5201E-13		
		0.8145E+01	-0.5050E-13		
		0.8429E+01	-0.4945E-13		
		0.8714E+01	-0.4908E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.4056E-02		
		0.1211E+01	-0.2879E-02		
		0.1505E+01	-0.1974E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.2500E-04		
		0.5840E+01	-0.5814E-07		
		0.7860E+01	0.4322E-11		
		0.8145E+01	0.4503E-11		
		0.8429E+01	0.4596E-11		
		0.8714E+01	0.4625E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4236E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1644E-02		
		0.1505E+01	-0.1128E-02		
		0.1800E+01	-0.7451E-03		
		0.3820E+01	-0.1432E-04		
		0.5840E+01	-0.3333E-07		
		0.7860E+01	0.1289E-11		
		0.8145E+01	0.1385E-11		
		0.8429E+01	0.1434E-11		
		0.8714E+01	0.1449E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7463E-03		
		0.1505E+01	-0.5127E-03		
		0.1800E+01	-0.3392E-03		
		0.3820E+01	-0.6554E-05		
		0.5840E+01	-0.1528E-07		
		0.7860E+01	0.5619E-12		

		0.8145E+01	0.6057E-12		
		0.8429E+01	0.6290E-12		
		0.8714E+01	0.6363E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1367E-03		
		0.9159E+00	-0.1036E-03		
		0.1211E+01	-0.7599E-04		
		0.1505E+01	-0.5348E-04		
		0.1800E+01	-0.3609E-04		
		0.3820E+01	-0.7474E-06		
		0.5840E+01	-0.1784E-08		
		0.7860E+01	0.3140E-12		
		0.8145E+01	0.3219E-12		
		0.8429E+01	0.3275E-12		
		0.8714E+01	0.3295E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5718E-02		
		0.9159E+00	-0.4217E-02		
		0.1211E+01	-0.3049E-02		
		0.1505E+01	-0.2136E-02		
		0.1800E+01	-0.1448E-02		
		0.3820E+01	-0.3686E-04		
		0.5840E+01	-0.1379E-06		
		0.7860E+01	0.3427E-10		
		0.8145E+01	0.3514E-10		
		0.8429E+01	0.3559E-10		
		0.8714E+01	0.3574E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2406E-02		
		0.1211E+01	-0.1741E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.8279E-03		
		0.3820E+01	-0.2113E-04		
		0.5840E+01	-0.7914E-07		
		0.7860E+01	0.9847E-11		
		0.8145E+01	0.1029E-10		
		0.8429E+01	0.1052E-10		
		0.8714E+01	0.1059E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.7911E-03		
		0.1505E+01	-0.5556E-03		

		0.1800E+01	-0.3773E-03		
		0.3820E+01	-0.9686E-05		
		0.5840E+01	-0.3634E-07		
		0.7860E+01	0.2899E-11		
		0.8145E+01	0.3094E-11		
		0.8429E+01	0.3198E-11		
		0.8714E+01	0.3232E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1410E-03		
		0.9159E+00	-0.1087E-03		
		0.1211E+01	-0.8142E-04		
		0.1505E+01	-0.5869E-04		
		0.1800E+01	-0.4071E-04		
		0.3820E+01	-0.1127E-05		
		0.5840E+01	-0.4342E-08		
		0.7860E+01	0.1240E-11		
		0.8145E+01	0.1273E-11		
		0.8429E+01	0.1296E-11		
		0.8714E+01	0.1305E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9707E-02		
		0.3063E+00	-0.7613E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4359E-02		
		0.1211E+01	-0.3201E-02		
		0.1505E+01	-0.2284E-02		
		0.1800E+01	-0.1582E-02		
		0.3820E+01	-0.5119E-04		
		0.5840E+01	-0.2864E-06		
		0.7860E+01	0.2013E-09		
		0.8145E+01	0.2047E-09		
		0.8429E+01	0.2065E-09		
		0.8714E+01	0.2071E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4334E-02		
		0.6111E+00	-0.3326E-02		
		0.9159E+00	-0.2488E-02		
		0.1211E+01	-0.1828E-02		
		0.1505E+01	-0.1306E-02		
		0.1800E+01	-0.9051E-03		
		0.3820E+01	-0.2937E-04		
		0.5840E+01	-0.1645E-06		
		0.7860E+01	0.6587E-10		
		0.8145E+01	0.6755E-10		
		0.8429E+01	0.6845E-10		
		0.8714E+01	0.6873E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2478E-02		
		0.3063E+00	-0.1954E-02		

		0.6111E+00	-0.1505E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.8312E-03		
		0.1505E+01	-0.5948E-03		
		0.1800E+01	-0.4129E-03		
		0.3820E+01	-0.1348E-04		
		0.5840E+01	-0.7566E-07		
		0.7860E+01	0.2044E-10		
		0.8145E+01	0.2118E-10		
		0.8429E+01	0.2157E-10		
		0.8714E+01	0.2170E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1784E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.8641E-04		
		0.1505E+01	-0.6357E-04		
		0.1800E+01	-0.4514E-04		
		0.3820E+01	-0.1600E-05		
		0.5840E+01	-0.9244E-08		
		0.7860E+01	0.6582E-11		
		0.8145E+01	0.6717E-11		
		0.8429E+01	0.6810E-11		
		0.8714E+01	0.6844E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7681E-02		
		0.6111E+00	-0.5938E-02		
		0.9159E+00	-0.4484E-02		
		0.1211E+01	-0.3337E-02		
		0.1505E+01	-0.2419E-02		
		0.1800E+01	-0.1707E-02		
		0.3820E+01	-0.6780E-04		
		0.5840E+01	-0.5354E-06		
		0.7860E+01	0.9117E-09		
		0.8145E+01	0.9228E-09		
		0.8429E+01	0.9289E-09		
		0.8714E+01	0.9309E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2560E-02		
		0.1211E+01	-0.1907E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.9769E-03		
		0.3820E+01	-0.3892E-04		
		0.5840E+01	-0.3078E-06		
		0.7860E+01	0.3325E-09		
		0.8145E+01	0.3380E-09		
		0.8429E+01	0.3410E-09		
		0.8714E+01	0.3420E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1972E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1162E-02		
		0.1211E+01	-0.8673E-03		
		0.1505E+01	-0.6307E-03		
		0.1800E+01	-0.4460E-03		
		0.3820E+01	-0.1789E-04		
		0.5840E+01	-0.1418E-06		
		0.7860E+01	0.1162E-09		
		0.8145E+01	0.1186E-09		
		0.8429E+01	0.1199E-09		
		0.8714E+01	0.1204E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1807E-03		
		0.6111E+00	-0.1484E-03		
		0.9159E+00	-0.1177E-03		
		0.1211E+01	-0.9102E-04		
		0.1505E+01	-0.6815E-04		
		0.1800E+01	-0.4937E-04		
		0.3820E+01	-0.2164E-05		
		0.5840E+01	-0.1770E-07		
		0.7860E+01	0.3964E-10		
		0.8145E+01	0.4015E-10		
		0.8429E+01	0.4050E-10		
		0.8714E+01	0.4062E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6028E-02		
		0.9159E+00	-0.4596E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2542E-02		
		0.1800E+01	-0.1822E-02		
		0.3820E+01	-0.8645E-04		
		0.5840E+01	-0.9204E-06		
		0.7860E+01	0.3376E-08		
		0.8145E+01	0.3408E-08		
		0.8429E+01	0.3426E-08		
		0.8714E+01	0.3432E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2624E-02		
		0.1211E+01	-0.1977E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.1044E-02		
		0.3820E+01	-0.4966E-04		
		0.5840E+01	-0.5294E-06		

		0.7860E+01	0.1340E-08		
		0.8145E+01	0.1356E-08		
		0.8429E+01	0.1365E-08		
		0.8714E+01	0.1368E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1556E-02		
		0.9159E+00	-0.1191E-02		
		0.1211E+01	-0.8998E-03		
		0.1505E+01	-0.6635E-03		
		0.1800E+01	-0.4769E-03		
		0.3820E+01	-0.2286E-04		
		0.5840E+01	-0.2444E-06		
		0.7860E+01	0.5146E-09		
		0.8145E+01	0.5216E-09		
		0.8429E+01	0.5255E-09		
		0.8714E+01	0.5268E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1515E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9528E-04		
		0.1505E+01	-0.7243E-04		
		0.1800E+01	-0.5341E-04		
		0.3820E+01	-0.2814E-05		
		0.5840E+01	-0.3114E-07		
		0.7860E+01	0.1925E-09		
		0.8145E+01	0.1942E-09		
		0.8429E+01	0.1954E-09		
		0.8714E+01	0.1958E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.1211E+01	-0.3569E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1930E-02		
		0.3820E+01	-0.1069E-03		
		0.5840E+01	-0.1477E-05		
		0.7860E+01	0.1065E-07		
		0.8145E+01	0.1073E-07		
		0.8429E+01	0.1078E-07		
		0.8714E+01	0.1079E-07		
8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2681E-02		
		0.1211E+01	-0.2040E-02		

		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1105E-02		
		0.3820E+01	-0.6143E-04		
		0.5840E+01	-0.8505E-06		
		0.7860E+01	0.4534E-08		
		0.8145E+01	0.4575E-08		
		0.8429E+01	0.4599E-08		
		0.8714E+01	0.4606E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1218E-02		
		0.1211E+01	-0.9292E-03		
		0.1505E+01	-0.6935E-03		
		0.1800E+01	-0.5055E-03		
		0.3820E+01	-0.2832E-04		
		0.5840E+01	-0.3933E-06		
		0.7860E+01	0.1876E-08		
		0.8145E+01	0.1894E-08		
		0.8429E+01	0.1905E-08		
		0.8714E+01	0.1908E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1544E-03		
		0.9159E+00	-0.1251E-03		
		0.1211E+01	-0.9922E-04		
		0.1505E+01	-0.7646E-04		
		0.1800E+01	-0.5725E-04		
		0.3820E+01	-0.3545E-05		
		0.5840E+01	-0.5109E-07		
		0.7860E+01	0.7574E-09		
		0.8145E+01	0.7628E-09		
		0.8429E+01	0.7663E-09		
		0.8714E+01	0.7675E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4785E-02		
		0.1211E+01	-0.3668E-02		
		0.1505E+01	-0.2757E-02		
		0.1800E+01	-0.2029E-02		
		0.3820E+01	-0.1288E-03		
		0.5840E+01	-0.2241E-05		
		0.7860E+01	0.2943E-07		
		0.8145E+01	0.2963E-07		
		0.8429E+01	0.2974E-07		
		0.8714E+01	0.2978E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3524E-02		
		0.9159E+00	-0.2733E-02		
		0.1211E+01	-0.2098E-02		
		0.1505E+01	-0.1578E-02		
		0.1800E+01	-0.1163E-02		
		0.3820E+01	-0.7406E-04		
		0.5840E+01	-0.1291E-05		
		0.7860E+01	0.1331E-07		
		0.8145E+01	0.1341E-07		
		0.8429E+01	0.1347E-07		
		0.8714E+01	0.1349E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1242E-02		
		0.1211E+01	-0.9559E-03		
		0.1505E+01	-0.7210E-03		
		0.1800E+01	-0.5322E-03		
		0.3820E+01	-0.3419E-04		
		0.5840E+01	-0.5980E-06		
		0.7860E+01	0.5864E-08		
		0.8145E+01	0.5910E-08		
		0.8429E+01	0.5937E-08		
		0.8714E+01	0.5946E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1864E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1029E-03		
		0.1505E+01	-0.8023E-04		
		0.1800E+01	-0.6090E-04		
		0.3820E+01	-0.4350E-05		
		0.5840E+01	-0.7916E-07		
		0.7860E+01	0.2524E-08		
		0.8145E+01	0.2539E-08		
		0.8429E+01	0.2549E-08		
		0.8714E+01	0.2552E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7882E-02		
		0.6111E+00	-0.6243E-02		
		0.9159E+00	-0.4865E-02		
		0.1211E+01	-0.3759E-02		
		0.1505E+01	-0.2851E-02		
		0.1800E+01	-0.2121E-02		
		0.3820E+01	-0.1519E-03		
		0.5840E+01	-0.3242E-05		
		0.7860E+01	0.7292E-07		
		0.8145E+01	0.7335E-07		
		0.8429E+01	0.7360E-07		

		0.8714E+01	0.7369E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4489E-02		
		0.6111E+00	-0.3561E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.2150E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.1216E-02		
		0.3820E+01	-0.8740E-04		
		0.5840E+01	-0.1869E-05		
		0.7860E+01	0.3477E-07		
		0.8145E+01	0.3499E-07		
		0.8429E+01	0.3512E-07		
		0.8714E+01	0.3517E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1263E-02		
		0.1211E+01	-0.9802E-03		
		0.1505E+01	-0.7463E-03		
		0.1800E+01	-0.5569E-03		
		0.3820E+01	-0.4040E-04		
		0.5840E+01	-0.8673E-06		
		0.7860E+01	0.1618E-07		
		0.8145E+01	0.1628E-07		
		0.8429E+01	0.1634E-07		
		0.8714E+01	0.1637E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1879E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1314E-03		
		0.1211E+01	-0.1063E-03		
		0.1505E+01	-0.8377E-04		
		0.1800E+01	-0.6436E-04		
		0.3820E+01	-0.5220E-05		
		0.5840E+01	-0.1169E-06		
		0.7860E+01	0.7357E-08		
		0.8145E+01	0.7397E-08		
		0.8429E+01	0.7421E-08		
		0.8714E+01	0.7430E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7919E-02		
		0.6111E+00	-0.6300E-02		
		0.9159E+00	-0.4937E-02		
		0.1211E+01	-0.3841E-02		
		0.1505E+01	-0.2938E-02		
		0.1800E+01	-0.2206E-02		
		0.3820E+01	-0.1759E-03		

		0.5840E+01	-0.4507E-05		
		0.7860E+01	0.1647E-06		
		0.8145E+01	0.1656E-06		
		0.8429E+01	0.1661E-06		
		0.8714E+01	0.1663E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2821E-02		
		0.1211E+01	-0.2197E-02		
		0.1505E+01	-0.1683E-02		
		0.1800E+01	-0.1265E-02		
		0.3820E+01	-0.1013E-03		
		0.5840E+01	-0.2601E-05		
		0.7860E+01	0.8230E-07		
		0.8145E+01	0.8276E-07		
		0.8429E+01	0.8303E-07		
		0.8714E+01	0.8313E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1629E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7695E-03		
		0.1800E+01	-0.5799E-03		
		0.3820E+01	-0.4688E-04		
		0.5840E+01	-0.1209E-05		
		0.7860E+01	0.4018E-07		
		0.8145E+01	0.4041E-07		
		0.8429E+01	0.4055E-07		
		0.8714E+01	0.4059E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1616E-03		
		0.9159E+00	-0.1342E-03		
		0.1211E+01	-0.1094E-03		
		0.1505E+01	-0.8710E-04		
		0.1800E+01	-0.6766E-04		
		0.3820E+01	-0.6148E-05		
		0.5840E+01	-0.1658E-06		
		0.7860E+01	0.1919E-07		
		0.8145E+01	0.1929E-07		
		0.8429E+01	0.1935E-07		
		0.8714E+01	0.1937E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7953E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.5003E-02		

		0.1211E+01	-0.3915E-02		
		0.1505E+01	-0.3017E-02		
		0.1800E+01	-0.2285E-02		
		0.3820E+01	-0.2006E-03		
		0.5840E+01	-0.6058E-05		
		0.7860E+01	0.3438E-06		
		0.8145E+01	0.3455E-06		
		0.8429E+01	0.3465E-06		
		0.8714E+01	0.3468E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5594E-02		
		0.3063E+00	-0.4530E-02		
		0.6111E+00	-0.3624E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2241E-02		
		0.1505E+01	-0.1728E-02		
		0.1800E+01	-0.1311E-02		
		0.3820E+01	-0.1156E-03		
		0.5840E+01	-0.3498E-05		
		0.7860E+01	0.1792E-06		
		0.8145E+01	0.1801E-06		
		0.8429E+01	0.1806E-06		
		0.8714E+01	0.1808E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2514E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1643E-02		
		0.9159E+00	-0.1301E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.7910E-03		
		0.1800E+01	-0.6013E-03		
		0.3820E+01	-0.5357E-04		
		0.5840E+01	-0.1628E-05		
		0.7860E+01	0.9133E-07		
		0.8145E+01	0.9179E-07		
		0.8429E+01	0.9207E-07		
		0.8714E+01	0.9216E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1636E-03		
		0.9159E+00	-0.1368E-03		
		0.1211E+01	-0.1124E-03		
		0.1505E+01	-0.9023E-04		
		0.1800E+01	-0.7078E-04		
		0.3820E+01	-0.7126E-05		
		0.5840E+01	-0.2271E-06		
		0.7860E+01	0.4559E-07		
		0.8145E+01	0.4579E-07		
		0.8429E+01	0.4592E-07		
		0.8714E+01	0.4596E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02		
		0.3063E+00	-0.7983E-02		
		0.6111E+00	-0.6398E-02		
		0.9159E+00	-0.5063E-02		
		0.1211E+01	-0.3984E-02		
		0.1505E+01	-0.3089E-02		
		0.1800E+01	-0.2359E-02		
		0.3820E+01	-0.2258E-03		
		0.5840E+01	-0.7907E-05		
		0.7860E+01	0.6708E-06		
		0.8145E+01	0.6738E-06		
		0.8429E+01	0.6755E-06		
		0.8714E+01	0.6762E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.5600E-02		
		0.3063E+00	-0.4547E-02		
		0.6111E+00	-0.3651E-02		
		0.9159E+00	-0.2894E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1771E-02		
		0.1800E+01	-0.1353E-02		
		0.3820E+01	-0.1302E-03		
		0.5840E+01	-0.4569E-05		
		0.7860E+01	0.3629E-06		
		0.8145E+01	0.3646E-06		
		0.8429E+01	0.3656E-06		
		0.8714E+01	0.3659E-06		
.1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2053E-02		
		0.6111E+00	-0.1655E-02		
		0.9159E+00	-0.1317E-02		
		0.1211E+01	-0.1041E-02		
		0.1505E+01	-0.8107E-03		
		0.1800E+01	-0.6212E-03		
		0.3820E+01	-0.6041E-04		
		0.5840E+01	-0.2130E-05		
		0.7860E+01	0.1923E-06		
		0.8145E+01	0.1932E-06		
		0.8429E+01	0.1937E-06		
		0.8714E+01	0.1939E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1919E-03		
		0.6111E+00	-0.1655E-03		
		0.9159E+00	-0.1392E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9317E-04		
		0.1800E+01	-0.7375E-04		
		0.3820E+01	-0.8146E-05		
		0.5840E+01	-0.3019E-06		
		0.7860E+01	0.9989E-07		
		0.8145E+01	0.1003E-06		
		0.8429E+01	0.1006E-06		
		0.8714E+01	0.1007E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8010E-02		
		0.6111E+00	-0.6440E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.4046E-02		
		0.1505E+01	-0.3157E-02		
		0.1800E+01	-0.2427E-02		
		0.3820E+01	-0.2513E-03		
		0.5840E+01	-0.1006E-04		
		0.7860E+01	0.1234E-05		
		0.8145E+01	0.1239E-05		
		0.8429E+01	0.1242E-05		
		0.8714E+01	0.1243E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4563E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1393E-02		
		0.3820E+01	-0.1450E-03		
		0.5840E+01	-0.5820E-05		
		0.7860E+01	0.6908E-06		
		0.8145E+01	0.6937E-06		
		0.8429E+01	0.6954E-06		
		0.8714E+01	0.6961E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1332E-02		
		0.1211E+01	-0.1058E-02		
		0.1505E+01	-0.8290E-03		
		0.1800E+01	-0.6397E-03		
		0.3820E+01	-0.6734E-04		
		0.5840E+01	-0.2717E-05		
		0.7860E+01	0.3792E-06		
		0.8145E+01	0.3808E-06		
		0.8429E+01	0.3817E-06		
		0.8714E+01	0.3821E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1930E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9595E-04		
		0.1800E+01	-0.7657E-04		
		0.3820E+01	-0.9200E-05		
		0.5840E+01	-0.3911E-06		
		0.7860E+01	0.2042E-06		
		0.8145E+01	0.2050E-06		

		0.8429E+01	0.2055E-06		
		0.8714E+01	0.2056E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8035E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5166E-02		
		0.1211E+01	-0.4103E-02		
		0.1505E+01	-0.3218E-02		
		0.1800E+01	-0.2490E-02		
		0.3820E+01	-0.2769E-03		
		0.5840E+01	-0.1253E-04		
		0.7860E+01	0.2158E-05		
		0.8145E+01	0.2166E-05		
		0.8429E+01	0.2171E-05		
		0.8714E+01	0.2173E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3697E-02		
		0.9159E+00	-0.2954E-02		
		0.1211E+01	-0.2350E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.1598E-03		
		0.5840E+01	-0.7251E-05		
		0.7860E+01	0.1245E-05		
		0.8145E+01	0.1250E-05		
		0.8429E+01	0.1253E-05		
		0.8714E+01	0.1254E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1345E-02		
		0.1211E+01	-0.1074E-02		
		0.1505E+01	-0.8459E-03		
		0.1800E+01	-0.6570E-03		
		0.3820E+01	-0.7433E-04		
		0.5840E+01	-0.3390E-05		
		0.7860E+01	0.7057E-06		
		0.8145E+01	0.7085E-06		
		0.8429E+01	0.7102E-06		
		0.8714E+01	0.7109E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1436E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7924E-04		

		0.3820E+01	-0.1028E-04		
		0.5840E+01	-0.4952E-06		
		0.7860E+01	0.3927E-06		
		0.8145E+01	0.3941E-06		
		0.8429E+01	0.3951E-06		
		0.8714E+01	0.3954E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9881E-02		
		0.3063E+00	-0.8057E-02		
		0.6111E+00	-0.6513E-02		
		0.9159E+00	-0.5212E-02		
		0.1211E+01	-0.4156E-02		
		0.1505E+01	-0.3276E-02		
		0.1800E+01	-0.2549E-02		
		0.3820E+01	-0.3024E-03		
		0.5840E+01	-0.1530E-04		
		0.7860E+01	0.3607E-05		
		0.8145E+01	0.3620E-05		
		0.8429E+01	0.3628E-05		
		0.8714E+01	0.3631E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2980E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1879E-02		
		0.1800E+01	-0.1464E-02		
		0.3820E+01	-0.1747E-03		
		0.5840E+01	-0.8861E-05		
		0.7860E+01	0.2141E-05		
		0.8145E+01	0.2149E-05		
		0.8429E+01	0.2154E-05		
		0.8714E+01	0.2156E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1687E-02		
		0.9159E+00	-0.1358E-02		
		0.1211E+01	-0.1088E-02		
		0.1505E+01	-0.8615E-03		
		0.1800E+01	-0.6731E-03		
		0.3820E+01	-0.8132E-04		
		0.5840E+01	-0.4149E-05		
		0.7860E+01	0.1249E-05		
		0.8145E+01	0.1254E-05		
		0.8429E+01	0.1257E-05		
		0.8714E+01	0.1258E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		

		0.9159E+00	-0.1455E-03		
		0.1211E+01	-0.1224E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8178E-04		
		0.3820E+01	-0.1139E-04		
		0.5840E+01	-0.6144E-06		
		0.7860E+01	0.7161E-06		
		0.8145E+01	0.7187E-06		
		0.8429E+01	0.7203E-06		
		0.8714E+01	0.7209E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8078E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4204E-02		
		0.1505E+01	-0.3328E-02		
		0.1800E+01	-0.2603E-02		
		0.3820E+01	-0.3277E-03		
		0.5840E+01	-0.1836E-04		
		0.7860E+01	0.5795E-05		
		0.8145E+01	0.5815E-05		
		0.8429E+01	0.5827E-05		
		0.8714E+01	0.5832E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4602E-02		
		0.6111E+00	-0.3736E-02		
		0.9159E+00	-0.3004E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1909E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.1894E-03		
		0.5840E+01	-0.1065E-04		
		0.7860E+01	0.3530E-05		
		0.8145E+01	0.3542E-05		
		0.8429E+01	0.3550E-05		
		0.8714E+01	0.3552E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1101E-02		
		0.1505E+01	-0.8760E-03		
		0.1800E+01	-0.6881E-03		
		0.3820E+01	-0.8828E-04		
		0.5840E+01	-0.4991E-05		
		0.7860E+01	0.2115E-05		
		0.8145E+01	0.2122E-05		
		0.8429E+01	0.2127E-05		
		0.8714E+01	0.2128E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1474E-03		
		0.1211E+01	-0.1246E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8419E-04		
		0.3820E+01	-0.1251E-04		
		0.5840E+01	-0.7485E-06		
		0.7860E+01	0.1246E-05		
		0.8145E+01	0.1250E-05		
		0.8429E+01	0.1253E-05		
		0.8714E+01	0.1254E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8097E-02		
		0.6111E+00	-0.6574E-02		
		0.9159E+00	-0.5291E-02		
		0.1211E+01	-0.4249E-02		
		0.1505E+01	-0.3377E-02		
		0.1800E+01	-0.2654E-02		
		0.3820E+01	-0.3528E-03		
		0.5840E+01	-0.2171E-04		
		0.7860E+01	0.8990E-05		
		0.8145E+01	0.9020E-05		
		0.8429E+01	0.9038E-05		
		0.8714E+01	0.9044E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5626E-02		
		0.3063E+00	-0.4613E-02		
		0.6111E+00	-0.3753E-02		
		0.9159E+00	-0.3026E-02		
		0.1211E+01	-0.2434E-02		
		0.1505E+01	-0.1938E-02		
		0.1800E+01	-0.1525E-02		
		0.3820E+01	-0.2040E-03		
		0.5840E+01	-0.1259E-04		
		0.7860E+01	0.5607E-05		
		0.8145E+01	0.5625E-05		
		0.8429E+01	0.5637E-05		
		0.8714E+01	0.5641E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2529E-02		
		0.3063E+00	-0.2084E-02		
		0.6111E+00	-0.1704E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1114E-02		
		0.1505E+01	-0.8895E-03		
		0.1800E+01	-0.7021E-03		
		0.3820E+01	-0.9519E-04		
		0.5840E+01	-0.5912E-05		
		0.7860E+01	0.3442E-05		

		0.8145E+01	0.3454E-05		
		0.8429E+01	0.3461E-05		
		0.8714E+01	0.3463E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1731E-03		
		0.9159E+00	-0.1491E-03		
		0.1211E+01	-0.1266E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8648E-04		
		0.3820E+01	-0.1364E-04		
		0.5840E+01	-0.8967E-06		
		0.7860E+01	0.2080E-05		
		0.8145E+01	0.2087E-05		
		0.8429E+01	0.2091E-05		
		0.8714E+01	0.2093E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6596E-02		
		0.9159E+00	-0.5319E-02		
		0.1211E+01	-0.4282E-02		
		0.1505E+01	-0.3414E-02		
		0.1800E+01	-0.2692E-02		
		0.3820E+01	-0.3726E-03		
		0.5840E+01	-0.2458E-04		
		0.7860E+01	0.1249E-04		
		0.8145E+01	0.1253E-04		
		0.8429E+01	0.1255E-04		
		0.8714E+01	0.1256E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3766E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2454E-02		
		0.1505E+01	-0.1959E-02		
		0.1800E+01	-0.1547E-02		
		0.3820E+01	-0.2155E-03		
		0.5840E+01	-0.1426E-04		
		0.7860E+01	0.7926E-05		
		0.8145E+01	0.7951E-05		
		0.8429E+01	0.7967E-05		
		0.8714E+01	0.7973E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1710E-02		
		0.9159E+00	-0.1387E-02		
		0.1211E+01	-0.1123E-02		
		0.1505E+01	-0.8996E-03		

		0.1800E+01	-0.7126E-03		
		0.3820E+01	-0.1007E-03		
		0.5840E+01	-0.6702E-05		
		0.7860E+01	0.4955E-05		
		0.8145E+01	0.4971E-05		
		0.8429E+01	0.4981E-05		
		0.8714E+01	0.4984E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1974E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1281E-03		
		0.1505E+01	-0.1072E-03		
		0.1800E+01	-0.8824E-04		
		0.3820E+01	-0.1454E-04		
		0.5840E+01	-0.1024E-05		
		0.7860E+01	0.3051E-05		
		0.8145E+01	0.3061E-05		
		0.8429E+01	0.3067E-05		
		0.8714E+01	0.3069E-05		

N O T I C E

ALTHOUGH THIS PROGRAM HAS BEEN TESTED AND EXPERIENCE WOULD INDICATE THAT IT IS ACCURATE WITHIN THE LIMITS GIVEN BY THE ASSUMPTIONS OF THE THEORY USED , WE MAKE NO WARRANTY AS TO WORKABILITY OF THIS SOFTWARE OR ANY OTHER LICENSED MATERIAL. NO WARRANTIES EITHER EXPRESSED OR IMPLIED (INCLUDING WARRANTIES OF FITNESS) SHALL APPLY NO RESPONSIBILITY IS ASSUMED FOR ANY ERRORS, MISTAKES OR MISREPRESENTATIONS THAT MAY OCCUR FROM THE USE OF THIS COMPUTER PROGRAM. THE USER ACCEPTS FULL RESPONSIBILITY FOR ASSESSING THE VALIDITY AND APPLICABILITY OF THE RESULTS OBTAINED WITH THIS PROGRAM FOR ANY SPECIFIC CASE.

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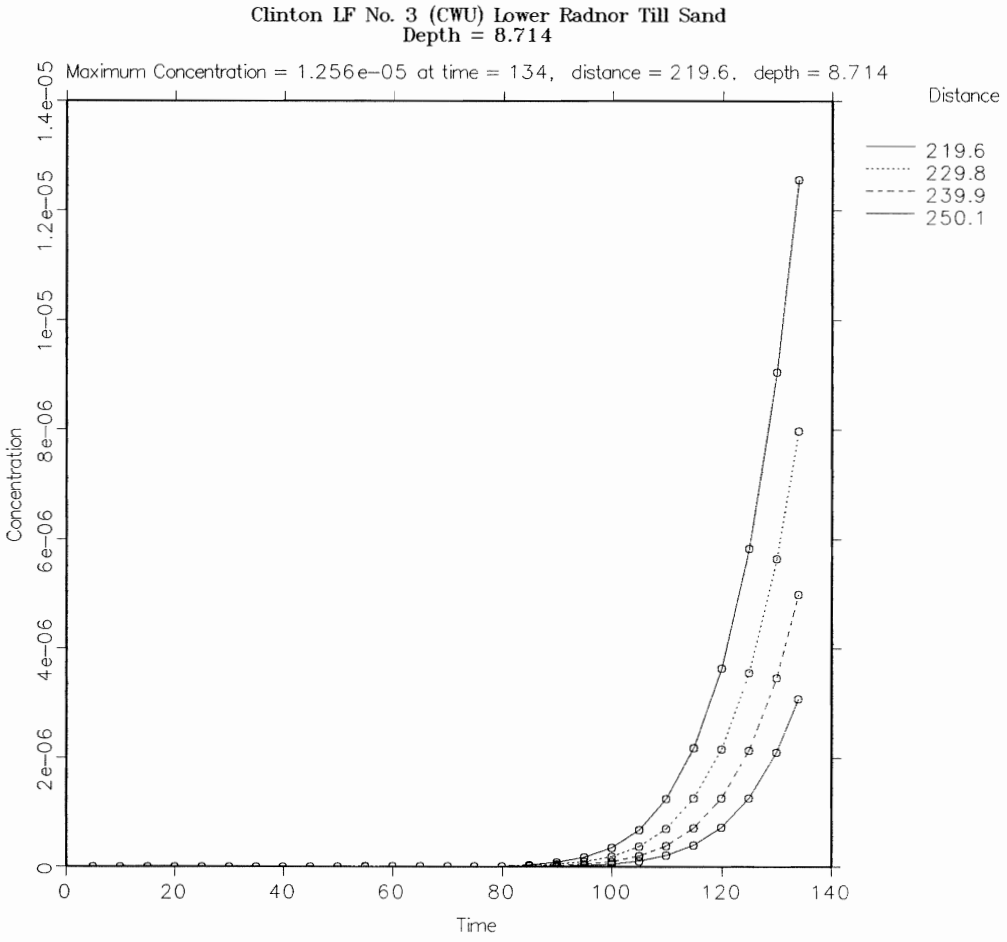
**************************************************
*                                                *
*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*             ANALYSIS      COMPLETED            *
*                                                *
*           TIME     -        9:20:59            *
*           EXECUTION TIME    0: 1: 2            *
*                                                *
*                                                *
```

****

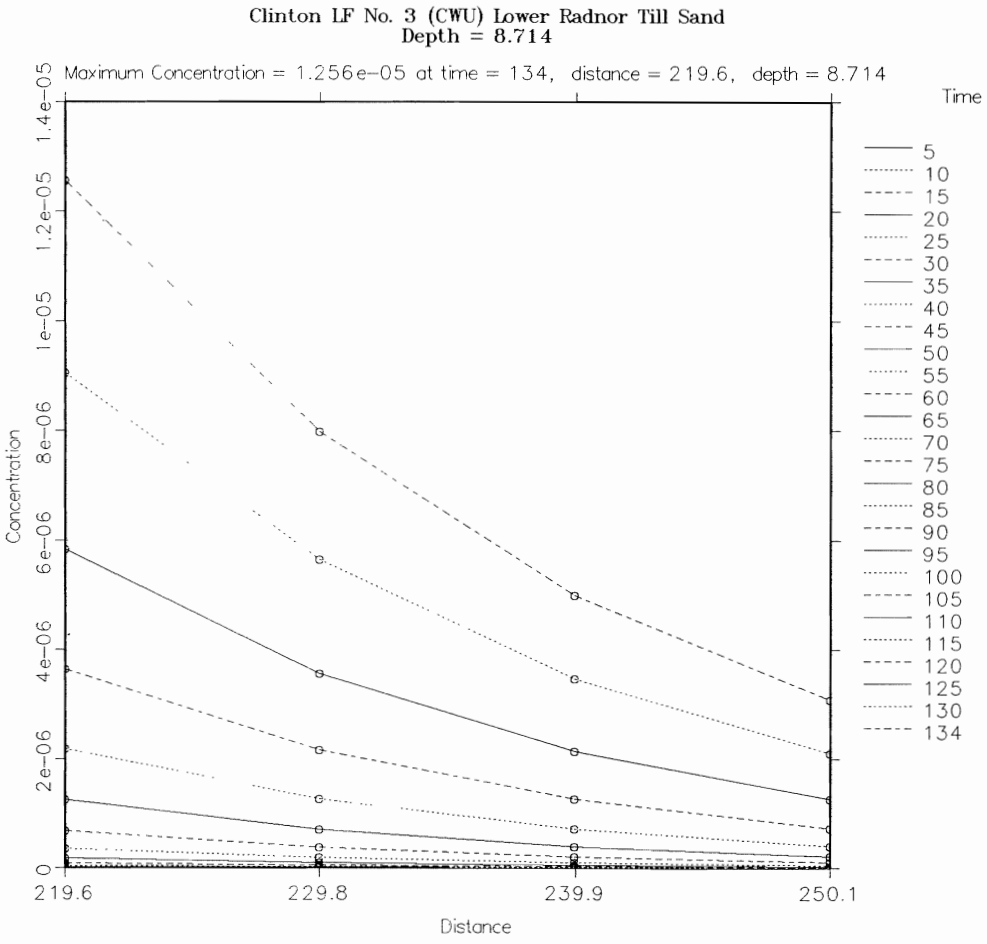
CONCENTRATION VS. TIME PLOT

Shaw®


Clinton LF No. 3 (CWU) Lower Radnor Till Sand
Depth = 8.714
Maximum Concentration = 1.256e-05 at time = 134, distance = 219.6, depth = 8.714
Distance
219.6
229.8
239.9
250.1
Concentration
0
2e-06
4e-06
6e-06
8e-06
1e-05
1.2e-05
1.4e-05
0
20
40
60
80
100
120
140
Time

CONCENTRATION VS. DISTANCE PLOT

Shaw®


Clinton LF No. 3 (CWU) Lower Radnor Till Sand
Depth = 8.714
Maximum Concentration = 1.256e-05 at time = 134, distance = 219.6, depth = 8.714
Concentration
0
2e-06
4e-06
6e-06
8e-06
1e-05
1.2e-05
1.4e-05
219.6
229.8
239.9
250.1
Distance
Time
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120
125
130
134

CLR7

Compacted Clay Fill
Coef. of Hydro. Disp. = 0.01975 m^2/yr
(Increased by 25%)

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**********************************************************
*                                                        *
*                                                        *
*                    M I G R A T E v 9                   *
*                                                        *
*                      VERSION 9.0.7                     *
*                                                        *
*                   REVISION - 4/16/1996                 *
*                                                        *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996      *
*                                                        *
*                                                        *
*                                                        *
*                                                        *
*                 RUN DATE -   15-11- 8                  *
*                 TIME     -   10:15:20                  *
*                                                        *
**********************************************************
```

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**************************************************************************
 Clinton LF No. 3 (CWU) CLR7 (Clay Fill 0.01975)
**************************************************************************
```

SURFACE BOUNDARY
~~~~~~~~~~~~~~~~

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
========================

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.198E-01	.198E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.198E-01	.198E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.198E-01	.198E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6833E-03		
		0.9159E+00	-0.9597E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.1033E-05		
		0.1800E+01	-0.6168E-07		
		0.3820E+01	-0.1101E-16		
		0.5840E+01	-0.5346E-23		
		0.7860E+01	0.2058E-32		
		0.8145E+01	0.1024E-32		
		0.8429E+01	0.5267E-33		
		0.8714E+01	0.3796E-33		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3883E-03		
		0.9159E+00	-0.5453E-04		
		0.1211E+01	-0.6908E-05		

		0.1505E+01	-0.5873E-06		
		0.1800E+01	-0.3505E-07		
		0.3820E+01	-0.6249E-17		
		0.5840E+01	-0.3046E-23		
		0.7860E+01	0.1418E-32		
		0.8145E+01	0.8306E-33		
		0.8429E+01	0.5430E-33		
		0.8714E+01	0.4571E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1743E-03		
		0.9159E+00	-0.2449E-04		
		0.1211E+01	-0.3102E-05		
		0.1505E+01	-0.2638E-06		
		0.1800E+01	-0.1575E-07		
		0.3820E+01	-0.2797E-17		
		0.5840E+01	-0.1377E-23		
		0.7860E+01	0.6771E-33		
		0.8145E+01	0.4082E-33		
		0.8429E+01	0.2707E-33		
		0.8714E+01	0.2287E-33		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1471E-04		
		0.9159E+00	-0.2077E-05		
		0.1211E+01	-0.2643E-06		
		0.1505E+01	-0.2253E-07		
		0.1800E+01	-0.1347E-08		
		0.3820E+01	-0.2237E-18		
		0.5840E+01	-0.1311E-24		
		0.7860E+01	0.1484E-33		
		0.8145E+01	0.1185E-33		
		0.8429E+01	0.9437E-34		
		0.8714E+01	0.8569E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8351E-02		
		0.3063E+00	-0.4448E-02		
		0.6111E+00	-0.1910E-02		
		0.9159E+00	-0.6193E-03		
		0.1211E+01	-0.2001E-03		
		0.1505E+01	-0.5354E-04		
		0.1800E+01	-0.1238E-04		
		0.3820E+01	-0.1162E-12		
		0.5840E+01	0.2419E-17		
		0.7860E+01	0.2255E-24		
		0.8145E+01	0.5433E-24		
		0.8429E+01	0.7063E-24		
		0.8714E+01	0.7564E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2528E-02		
		0.6111E+00	-0.1086E-02		
		0.9159E+00	-0.3521E-03		
		0.1211E+01	-0.1138E-03		
		0.1505E+01	-0.3045E-04		
		0.1800E+01	-0.7040E-05		
		0.3820E+01	-0.6612E-13		
		0.5840E+01	0.1378E-17		
		0.7860E+01	-0.3085E-24		
		0.8145E+01	-0.1256E-24		
		0.8429E+01	-0.3022E-25		
		0.8714E+01	-0.6943E-27		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1135E-02		
		0.6111E+00	-0.4880E-03		
		0.9159E+00	-0.1583E-03		
		0.1211E+01	-0.5121E-04		
		0.1505E+01	-0.1370E-04		
		0.1800E+01	-0.3169E-05		
		0.3820E+01	-0.2977E-13		
		0.5840E+01	0.6219E-18		
		0.7860E+01	-0.2974E-24		
		0.8145E+01	-0.2118E-24		
		0.8429E+01	-0.1655E-24		
		0.8714E+01	-0.1509E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9647E-04		
		0.6111E+00	-0.4208E-04		
		0.9159E+00	-0.1380E-04		
		0.1211E+01	-0.4500E-05		
		0.1505E+01	-0.1212E-05		
		0.1800E+01	-0.2813E-06		
		0.3820E+01	-0.2661E-14		
		0.5840E+01	0.5789E-19		
		0.7860E+01	-0.8577E-25		
		0.8145E+01	-0.7176E-25		
		0.8429E+01	-0.6149E-25		
		0.8714E+01	-0.5785E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8762E-02		
		0.3063E+00	-0.5338E-02		
		0.6111E+00	-0.2819E-02		
		0.9159E+00	-0.1231E-02		
		0.1211E+01	-0.5500E-03		
		0.1505E+01	-0.2183E-03		
		0.1800E+01	-0.7970E-04		
		0.3820E+01	-0.2820E-09		
		0.5840E+01	0.2091E-15		
		0.7860E+01	-0.5099E-19		
		0.8145E+01	-0.5026E-19		
		0.8429E+01	-0.4994E-19		

		0.8714E+01	-0.4986E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4977E-02		
		0.3063E+00	-0.3034E-02		
		0.6111E+00	-0.1603E-02		
		0.9159E+00	-0.7002E-03		
		0.1211E+01	-0.3130E-03		
		0.1505E+01	-0.1242E-03		
		0.1800E+01	-0.4537E-04		
		0.3820E+01	-0.1606E-09		
		0.5840E+01	0.1190E-15		
		0.7860E+01	0.4397E-20		
		0.8145E+01	0.5081E-20		
		0.8429E+01	0.5430E-20		
		0.8714E+01	0.5537E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1363E-02		
		0.6111E+00	-0.7211E-03		
		0.9159E+00	-0.3153E-03		
		0.1211E+01	-0.1410E-03		
		0.1505E+01	-0.5601E-04		
		0.1800E+01	-0.2046E-04		
		0.3820E+01	-0.7245E-10		
		0.5840E+01	0.5360E-16		
		0.7860E+01	0.6739E-20		
		0.8145E+01	0.7119E-20		
		0.8429E+01	0.7326E-20		
		0.8714E+01	0.7393E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1172E-03		
		0.6111E+00	-0.6325E-04		
		0.9159E+00	-0.2811E-04		
		0.1211E+01	-0.1273E-04		
		0.1505E+01	-0.5102E-05		
		0.1800E+01	-0.1875E-05		
		0.3820E+01	-0.6704E-11		
		0.5840E+01	0.4844E-17		
		0.7860E+01	0.2953E-20		
		0.8145E+01	0.3030E-20		
		0.8429E+01	0.3083E-20		
		0.8714E+01	0.3102E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4396E+02	0.0000E+00
		0.1500E-02	-0.9010E-02		
		0.3063E+00	-0.5904E-02		
		0.6111E+00	-0.3477E-02		
		0.9159E+00	-0.1774E-02		
		0.1211E+01	-0.9366E-03		
		0.1505E+01	-0.4550E-03		
		0.1800E+01	-0.2091E-03		
		0.3820E+01	-0.1439E-07		

		0.5840E+01	-0.3491E-14		
		0.7860E+01	0.1614E-16		
		0.8145E+01	0.1628E-16		
		0.8429E+01	0.1637E-16		
		0.8714E+01	0.1639E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4396E+02	0.0000E+00
		0.1500E-02	-0.5118E-02		
		0.3063E+00	-0.3357E-02		
		0.6111E+00	-0.1978E-02		
		0.9159E+00	-0.1010E-02		
		0.1211E+01	-0.5333E-03		
		0.1505E+01	-0.2591E-03		
		0.1800E+01	-0.1191E-03		
		0.3820E+01	-0.8200E-08		
		0.5840E+01	-0.1994E-14		
		0.7860E+01	0.4151E-17		
		0.8145E+01	0.4237E-17		
		0.8429E+01	0.4285E-17		
		0.8714E+01	0.4300E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4396E+02	0.0000E+00
		0.1500E-02	-0.2296E-02		
		0.3063E+00	-0.1509E-02		
		0.6111E+00	-0.8905E-03		
		0.9159E+00	-0.4552E-03		
		0.1211E+01	-0.2406E-03		
		0.1505E+01	-0.1170E-03		
		0.1800E+01	-0.5382E-04		
		0.3820E+01	-0.3708E-08		
		0.5840E+01	-0.9068E-15		
		0.7860E+01	-0.1075E-17		
		0.8145E+01	-0.1048E-17		
		0.8429E+01	-0.1034E-17		
		0.8714E+01	-0.1029E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4396E+02	0.0000E+00
		0.1500E-02	-0.1922E-03		
		0.3063E+00	-0.1309E-03		
		0.6111E+00	-0.7925E-04		
		0.9159E+00	-0.4139E-04		
		0.1211E+01	-0.2223E-04		
		0.1505E+01	-0.1094E-04		
		0.1800E+01	-0.5072E-05		
		0.3820E+01	-0.3551E-09		
		0.5840E+01	-0.9479E-16		
		0.7860E+01	-0.1433E-17		
		0.8145E+01	-0.1435E-17		
		0.8429E+01	-0.1436E-17		
		0.8714E+01	-0.1436E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5061E+02	0.0000E+00
		0.1500E-02	-0.9177E-02		
		0.3063E+00	-0.6298E-02		
		0.6111E+00	-0.3969E-02		
		0.9159E+00	-0.2232E-02		

		0.1211E+01	-0.1305E-02		
		0.1505E+01	-0.7171E-03		
		0.1800E+01	-0.3786E-03		
		0.3820E+01	-0.1561E-06		
		0.5840E+01	-0.4906E-12		
		0.7860E+01	-0.3994E-15		
		0.8145E+01	-0.4016E-15		
		0.8429E+01	-0.4028E-15		
		0.8714E+01	-0.4032E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5061E+02	0.0000E+00
		0.1500E-02	-0.5213E-02		
		0.3063E+00	-0.3581E-02		
		0.6111E+00	-0.2259E-02		
		0.9159E+00	-0.1271E-02		
		0.1211E+01	-0.7434E-03		
		0.1505E+01	-0.4087E-03		
		0.1800E+01	-0.2158E-03		
		0.3820E+01	-0.8902E-07		
		0.5840E+01	-0.2799E-12		
		0.7860E+01	-0.1634E-15		
		0.8145E+01	-0.1652E-15		
		0.8429E+01	-0.1663E-15		
		0.8714E+01	-0.1667E-15		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5061E+02	0.0000E+00
		0.1500E-02	-0.2340E-02		
		0.3063E+00	-0.1611E-02		
		0.6111E+00	-0.1018E-02		
		0.9159E+00	-0.5735E-03		
		0.1211E+01	-0.3359E-03		
		0.1505E+01	-0.1848E-03		
		0.1800E+01	-0.9766E-04		
		0.3820E+01	-0.4033E-07		
		0.5840E+01	-0.1269E-12		
		0.7860E+01	0.1689E-16		
		0.8145E+01	0.1617E-16		
		0.8429E+01	0.1576E-16		
		0.8714E+01	0.1562E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5061E+02	0.0000E+00
		0.1500E-02	-0.1964E-03		
		0.3063E+00	-0.1409E-03		
		0.6111E+00	-0.9175E-04		
		0.9159E+00	-0.5307E-04		
		0.1211E+01	-0.3168E-04		
		0.1505E+01	-0.1769E-04		
		0.1800E+01	-0.9439E-05		
		0.3820E+01	-0.3989E-08		
		0.5840E+01	-0.1259E-13		
		0.7860E+01	0.6003E-16		
		0.8145E+01	0.6008E-16		
		0.8429E+01	0.6011E-16		
		0.8714E+01	0.6012E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5671E+02	0.0000E+00

		0.1500E-02	-0.9298E-02		
		0.3063E+00	-0.6589E-02		
		0.6111E+00	-0.4351E-02		
		0.9159E+00	-0.2614E-02		
		0.1211E+01	-0.1638E-02		
		0.1505E+01	-0.9782E-03		
		0.1800E+01	-0.5666E-03		
		0.3820E+01	-0.7744E-06		
		0.5840E+01	-0.1900E-10		
		0.7860E+01	0.3393E-14		
		0.8145E+01	0.3410E-14		
		0.8429E+01	0.3421E-14		
		0.8714E+01	0.3424E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5671E+02	0.0000E+00
		0.1500E-02	-0.5282E-02		
		0.3063E+00	-0.3747E-02		
		0.6111E+00	-0.2476E-02		
		0.9159E+00	-0.1489E-02		
		0.1211E+01	-0.9338E-03		
		0.1505E+01	-0.5578E-03		
		0.1800E+01	-0.3232E-03		
		0.3820E+01	-0.4421E-06		
		0.5840E+01	-0.1085E-10		
		0.7860E+01	0.9033E-15		
		0.8145E+01	0.9171E-15		
		0.8429E+01	0.9251E-15		
		0.8714E+01	0.9279E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5671E+02	0.0000E+00
		0.1500E-02	-0.2371E-02		
		0.3063E+00	-0.1686E-02		
		0.6111E+00	-0.1117E-02		
		0.9159E+00	-0.6726E-03		
		0.1211E+01	-0.4223E-03		
		0.1505E+01	-0.2526E-03		
		0.1800E+01	-0.1464E-03		
		0.3820E+01	-0.2007E-06		
		0.5840E+01	-0.4928E-11		
		0.7860E+01	-0.7183E-15		
		0.8145E+01	-0.7143E-15		
		0.8429E+01	-0.7120E-15		
		0.8714E+01	-0.7113E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5671E+02	0.0000E+00
		0.1500E-02	-0.1996E-03		
		0.3063E+00	-0.1485E-03		
		0.6111E+00	-0.1018E-03		
		0.9159E+00	-0.6324E-04		
		0.1211E+01	-0.4060E-04		
		0.1505E+01	-0.2470E-04		
		0.1800E+01	-0.1448E-04		
		0.3820E+01	-0.2045E-07		
		0.5840E+01	-0.5059E-12		
		0.7860E+01	-0.9311E-15		
		0.8145E+01	-0.9333E-15		
		0.8429E+01	-0.9346E-15		
		0.8714E+01	-0.9351E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6240E+02	0.0000E+00
		0.1500E-02	-0.9389E-02		
		0.3063E+00	-0.6812E-02		
		0.6111E+00	-0.4654E-02		
		0.9159E+00	-0.2935E-02		
		0.1211E+01	-0.1934E-02		
		0.1505E+01	-0.1226E-02		
		0.1800E+01	-0.7587E-03		
		0.3820E+01	-0.2448E-05		
		0.5840E+01	-0.2588E-09		
		0.7860E+01	-0.7029E-14		
		0.8145E+01	-0.7095E-14		
		0.8429E+01	-0.7136E-14		
		0.8714E+01	-0.7150E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6240E+02	0.0000E+00
		0.1500E-02	-0.5335E-02		
		0.3063E+00	-0.3875E-02		
		0.6111E+00	-0.2650E-02		
		0.9159E+00	-0.1673E-02		
		0.1211E+01	-0.1103E-02		
		0.1505E+01	-0.6995E-03		
		0.1800E+01	-0.4331E-03		
		0.3820E+01	-0.1399E-05		
		0.5840E+01	-0.1479E-09		
		0.7860E+01	0.5203E-14		
		0.8145E+01	0.5180E-14		
		0.8429E+01	0.5166E-14		
		0.8714E+01	0.5162E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6240E+02	0.0000E+00
		0.1500E-02	-0.2395E-02		
		0.3063E+00	-0.1744E-02		
		0.6111E+00	-0.1195E-02		
		0.9159E+00	-0.7562E-03		
		0.1211E+01	-0.4994E-03		
		0.1505E+01	-0.3171E-03		
		0.1800E+01	-0.1965E-03		
		0.3820E+01	-0.6363E-06		
		0.5840E+01	-0.6733E-10		
		0.7860E+01	0.8422E-14		
		0.8145E+01	0.8440E-14		
		0.8429E+01	0.8451E-14		
		0.8714E+01	0.8455E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6240E+02	0.0000E+00
		0.1500E-02	-0.2021E-03		
		0.3063E+00	-0.1547E-03		
		0.6111E+00	-0.1102E-03		
		0.9159E+00	-0.7213E-04		
		0.1211E+01	-0.4883E-04		
		0.1505E+01	-0.3162E-04		
		0.1800E+01	-0.1985E-04		
		0.3820E+01	-0.6668E-07		
		0.5840E+01	-0.7126E-11		
		0.7860E+01	0.5078E-14		
		0.8145E+01	0.5106E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.5123E-14		
		0.8714E+01	0.5129E-14		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6775E+02	0.0000E+00
		0.1500E-02	-0.9461E-02		
		0.3063E+00	-0.6990E-02		
		0.6111E+00	-0.4902E-02		
		0.9159E+00	-0.3207E-02		
		0.1211E+01	-0.2195E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.9465E-03		
		0.3820E+01	-0.5828E-05		
		0.5840E+01	-0.1846E-08		
		0.7860E+01	-0.3739E-13		
		0.8145E+01	-0.3699E-13		
		0.8429E+01	-0.3678E-13		
		0.8714E+01	-0.3672E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6775E+02	0.0000E+00
		0.1500E-02	-0.5376E-02		
		0.3063E+00	-0.3976E-02		
		0.6111E+00	-0.2792E-02		
		0.9159E+00	-0.1829E-02		
		0.1211E+01	-0.1252E-02		
		0.1505E+01	-0.8308E-03		
		0.1800E+01	-0.5405E-03		
		0.3820E+01	-0.3332E-05		
		0.5840E+01	-0.1056E-08		
		0.7860E+01	-0.4212E-13		
		0.8145E+01	-0.4203E-13		
		0.8429E+01	-0.4200E-13		
		0.8714E+01	-0.4199E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6775E+02	0.0000E+00
		0.1500E-02	-0.2414E-02		
		0.3063E+00	-0.1790E-02		
		0.6111E+00	-0.1260E-02		
		0.9159E+00	-0.8273E-03		
		0.1211E+01	-0.5675E-03		
		0.1505E+01	-0.3770E-03		
		0.1800E+01	-0.2456E-03		
		0.3820E+01	-0.1518E-05		
		0.5840E+01	-0.4815E-09		
		0.7860E+01	-0.2026E-13		
		0.8145E+01	-0.2031E-13		
		0.8429E+01	-0.2035E-13		
		0.8714E+01	-0.2037E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6775E+02	0.0000E+00
		0.1500E-02	-0.2041E-03		
		0.3063E+00	-0.1597E-03		
		0.6111E+00	-0.1172E-03		
		0.9159E+00	-0.7996E-04		
		0.1211E+01	-0.5638E-04		
		0.1505E+01	-0.3827E-04		
		0.1800E+01	-0.2529E-04		

		0.3820E+01	-0.1634E-06		
		0.5840E+01	-0.5246E-10		
		0.7860E+01	0.3913E-14		
		0.8145E+01	0.3844E-14		
		0.8429E+01	0.3805E-14		
		0.8714E+01	0.3792E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7282E+02	0.0000E+00
		0.1500E-02	-0.9520E-02		
		0.3063E+00	-0.7134E-02		
		0.6111E+00	-0.5107E-02		
		0.9159E+00	-0.3440E-02		
		0.1211E+01	-0.2425E-02		
		0.1505E+01	-0.1665E-02		
		0.1800E+01	-0.1125E-02		
		0.3820E+01	-0.1146E-04		
		0.5840E+01	-0.8532E-08		
		0.7860E+01	0.1223E-12		
		0.8145E+01	0.1282E-12		
		0.8429E+01	0.1312E-12		
		0.8714E+01	0.1321E-12		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7282E+02	0.0000E+00
		0.1500E-02	-0.5409E-02		
		0.3063E+00	-0.4059E-02		
		0.6111E+00	-0.2909E-02		
		0.9159E+00	-0.1962E-02		
		0.1211E+01	-0.1384E-02		
		0.1505E+01	-0.9510E-03		
		0.1800E+01	-0.6431E-03		
		0.3820E+01	-0.6560E-05		
		0.5840E+01	-0.4885E-08		
		0.7860E+01	0.2375E-14		
		0.8145E+01	0.5790E-14		
		0.8429E+01	0.7559E-14		
		0.8714E+01	0.8106E-14		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7282E+02	0.0000E+00
		0.1500E-02	-0.2429E-02		
		0.3063E+00	-0.1828E-02		
		0.6111E+00	-0.1314E-02		
		0.9159E+00	-0.8883E-03		
		0.1211E+01	-0.6279E-03		
		0.1505E+01	-0.4321E-03		
		0.1800E+01	-0.2925E-03		
		0.3820E+01	-0.2994E-05		
		0.5840E+01	-0.2232E-08		
		0.7860E+01	-0.6649E-13		
		0.8145E+01	-0.6500E-13		
		0.8429E+01	-0.6421E-13		
		0.8714E+01	-0.6397E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7282E+02	0.0000E+00
		0.1500E-02	-0.2059E-03		
		0.3063E+00	-0.1640E-03		
		0.6111E+00	-0.1233E-03		

		0.9159E+00	-0.8691E-04		
		0.1211E+01	-0.6328E-04		
		0.1505E+01	-0.4458E-04		
		0.1800E+01	-0.3066E-04		
		0.3820E+01	-0.3302E-06		
		0.5840E+01	-0.2499E-09		
		0.7860E+01	-0.7442E-13		
		0.8145E+01	-0.7437E-13		
		0.8429E+01	-0.7432E-13		
		0.8714E+01	-0.7431E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7766E+02	0.0000E+00
		0.1500E-02	-0.9567E-02		
		0.3063E+00	-0.7254E-02		
		0.6111E+00	-0.5280E-02		
		0.9159E+00	-0.3641E-02		
		0.1211E+01	-0.2628E-02		
		0.1505E+01	-0.1856E-02		
		0.1800E+01	-0.1294E-02		
		0.3820E+01	-0.1971E-04		
		0.5840E+01	-0.2908E-07		
		0.7860E+01	0.8095E-12		
		0.8145E+01	0.8555E-12		
		0.8429E+01	0.8789E-12		
		0.8714E+01	0.8862E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7766E+02	0.0000E+00
		0.1500E-02	-0.5437E-02		
		0.3063E+00	-0.4128E-02		
		0.6111E+00	-0.3008E-02		
		0.9159E+00	-0.2077E-02		
		0.1211E+01	-0.1501E-02		
		0.1505E+01	-0.1060E-02		
		0.1800E+01	-0.7395E-03		
		0.3820E+01	-0.1129E-04		
		0.5840E+01	-0.1667E-07		
		0.7860E+01	0.3387E-12		
		0.8145E+01	0.3644E-12		
		0.8429E+01	0.3775E-12		
		0.8714E+01	0.3815E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7766E+02	0.0000E+00
		0.1500E-02	-0.2441E-02		
		0.3063E+00	-0.1860E-02		
		0.6111E+00	-0.1359E-02		
		0.9159E+00	-0.9411E-03		
		0.1211E+01	-0.6813E-03		
		0.1505E+01	-0.4823E-03		
		0.1800E+01	-0.3367E-03		
		0.3820E+01	-0.5162E-05		
		0.5840E+01	-0.7631E-08		
		0.7860E+01	0.1368E-12		
		0.8145E+01	0.1491E-12		
		0.8429E+01	0.1557E-12		
		0.8714E+01	0.1578E-12		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7766E+02	0.0000E+00
		0.1500E-02	-0.2073E-03		
		0.3063E+00	-0.1677E-03		
		0.6111E+00	-0.1287E-03		
		0.9159E+00	-0.9312E-04		
		0.1211E+01	-0.6960E-04		
		0.1505E+01	-0.5052E-04		
		0.1800E+01	-0.3589E-04		
		0.3820E+01	-0.5828E-06		
		0.5840E+01	-0.8768E-09		
		0.7860E+01	-0.1326E-13		
		0.8145E+01	-0.1093E-13		
		0.8429E+01	-0.9299E-14		
		0.8714E+01	-0.8730E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8230E+02	0.0000E+00
		0.1500E-02	-0.9608E-02		
		0.3063E+00	-0.7355E-02		
		0.6111E+00	-0.5428E-02		
		0.9159E+00	-0.3816E-02		
		0.1211E+01	-0.2808E-02		
		0.1505E+01	-0.2029E-02		
		0.1800E+01	-0.1450E-02		
		0.3820E+01	-0.3073E-04		
		0.5840E+01	-0.7937E-07		
		0.7860E+01	0.6979E-11		
		0.8145E+01	0.7255E-11		
		0.8429E+01	0.7397E-11		
		0.8714E+01	0.7442E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8230E+02	0.0000E+00
		0.1500E-02	-0.5460E-02		
		0.3063E+00	-0.4186E-02		
		0.6111E+00	-0.3093E-02		
		0.9159E+00	-0.2177E-02		
		0.1211E+01	-0.1604E-02		
		0.1505E+01	-0.1160E-02		
		0.1800E+01	-0.8293E-03		
		0.3820E+01	-0.1761E-04		
		0.5840E+01	-0.4552E-07		
		0.7860E+01	0.1933E-11		
		0.8145E+01	0.2077E-11		
		0.8429E+01	0.2152E-11		
		0.8714E+01	0.2175E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8230E+02	0.0000E+00
		0.1500E-02	-0.2452E-02		
		0.3063E+00	-0.1886E-02		
		0.6111E+00	-0.1398E-02		
		0.9159E+00	-0.9872E-03		
		0.1211E+01	-0.7289E-03		
		0.1505E+01	-0.5279E-03		
		0.1800E+01	-0.3780E-03		
		0.3820E+01	-0.8067E-05		
		0.5840E+01	-0.2088E-07		
		0.7860E+01	0.7361E-12		

		0.8145E+01	0.8016E-12		
		0.8429E+01	0.8365E-12		
		0.8714E+01	0.8475E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8230E+02	0.0000E+00
		0.1500E-02	-0.2086E-03		
		0.3063E+00	-0.1709E-03		
		0.6111E+00	-0.1334E-03		
		0.9159E+00	-0.9872E-04		
		0.1211E+01	-0.7540E-04		
		0.1505E+01	-0.5609E-04		
		0.1800E+01	-0.4092E-04		
		0.3820E+01	-0.9311E-06		
		0.5840E+01	-0.2460E-08		
		0.7860E+01	0.4268E-12		
		0.8145E+01	0.4381E-12		
		0.8429E+01	0.4462E-12		
		0.8714E+01	0.4491E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8677E+02	0.0000E+00
		0.1500E-02	-0.9642E-02		
		0.3063E+00	-0.7441E-02		
		0.6111E+00	-0.5555E-02		
		0.9159E+00	-0.3968E-02		
		0.1211E+01	-0.2968E-02		
		0.1505E+01	-0.2185E-02		
		0.1800E+01	-0.1595E-02		
		0.3820E+01	-0.4448E-04		
		0.5840E+01	-0.1832E-06		
		0.7860E+01	0.5405E-10		
		0.8145E+01	0.5533E-10		
		0.8429E+01	0.5601E-10		
		0.8714E+01	0.5622E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8677E+02	0.0000E+00
		0.1500E-02	-0.5479E-02		
		0.3063E+00	-0.4235E-02		
		0.6111E+00	-0.3166E-02		
		0.9159E+00	-0.2265E-02		
		0.1211E+01	-0.1696E-02		
		0.1505E+01	-0.1250E-02		
		0.1800E+01	-0.9124E-03		
		0.3820E+01	-0.2551E-04		
		0.5840E+01	-0.1052E-06		
		0.7860E+01	0.1574E-10		
		0.8145E+01	0.1639E-10		
		0.8429E+01	0.1673E-10		
		0.8714E+01	0.1683E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8677E+02	0.0000E+00
		0.1500E-02	-0.2461E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1432E-02		
		0.9159E+00	-0.1028E-02		
		0.1211E+01	-0.7713E-03		
		0.1505E+01	-0.5694E-03		

		0.1800E+01	-0.4164E-03		
		0.3820E+01	-0.1170E-04		
		0.5840E+01	-0.4834E-07		
		0.7860E+01	0.4487E-11		
		0.8145E+01	0.4773E-11		
		0.8429E+01	0.4927E-11		
		0.8714E+01	0.4975E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8677E+02	0.0000E+00
		0.1500E-02	-0.2097E-03		
		0.3063E+00	-0.1737E-03		
		0.6111E+00	-0.1376E-03		
		0.9159E+00	-0.1038E-03		
		0.1211E+01	-0.8072E-04		
		0.1505E+01	-0.6130E-04		
		0.1800E+01	-0.4572E-04		
		0.3820E+01	-0.1380E-05		
		0.5840E+01	-0.5830E-08		
		0.7860E+01	0.1692E-11		
		0.8145E+01	0.1741E-11		
		0.8429E+01	0.1775E-11		
		0.8714E+01	0.1787E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9108E+02	0.0000E+00
		0.1500E-02	-0.9671E-02		
		0.3063E+00	-0.7515E-02		
		0.6111E+00	-0.5666E-02		
		0.9159E+00	-0.4103E-02		
		0.1211E+01	-0.3111E-02		
		0.1505E+01	-0.2327E-02		
		0.1800E+01	-0.1728E-02		
		0.3820E+01	-0.6081E-04		
		0.5840E+01	-0.3718E-06		
		0.7860E+01	0.3056E-09		
		0.8145E+01	0.3104E-09		
		0.8429E+01	0.3130E-09		
		0.8714E+01	0.3139E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9108E+02	0.0000E+00
		0.1500E-02	-0.5496E-02		
		0.3063E+00	-0.4278E-02		
		0.6111E+00	-0.3230E-02		
		0.9159E+00	-0.2342E-02		
		0.1211E+01	-0.1778E-02		
		0.1505E+01	-0.1331E-02		
		0.1800E+01	-0.9893E-03		
		0.3820E+01	-0.3490E-04		
		0.5840E+01	-0.2136E-06		
		0.7860E+01	0.1017E-09		
		0.8145E+01	0.1042E-09		
		0.8429E+01	0.1054E-09		
		0.8714E+01	0.1059E-09		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9108E+02	0.0000E+00
		0.1500E-02	-0.2469E-02		
		0.3063E+00	-0.1929E-02		

		0.6111E+00	-0.1461E-02		
		0.9159E+00	-0.1063E-02		
		0.1211E+01	-0.8093E-03		
		0.1505E+01	-0.6071E-03		
		0.1800E+01	-0.4519E-03		
		0.3820E+01	-0.1604E-04		
		0.5840E+01	-0.9835E-07		
		0.7860E+01	0.3210E-10		
		0.8145E+01	0.3315E-10		
		0.8429E+01	0.3372E-10		
		0.8714E+01	0.3391E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9108E+02	0.0000E+00
		0.1500E-02	-0.2107E-03		
		0.3063E+00	-0.1762E-03		
		0.6111E+00	-0.1413E-03		
		0.9159E+00	-0.1084E-03		
		0.1211E+01	-0.8562E-04		
		0.1505E+01	-0.6617E-04		
		0.1800E+01	-0.5030E-04		
		0.3820E+01	-0.1928E-05		
		0.5840E+01	-0.1213E-07		
		0.7860E+01	0.1021E-10		
		0.8145E+01	0.1041E-10		
		0.8429E+01	0.1054E-10		
		0.8714E+01	0.1059E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9525E+02	0.0000E+00
		0.1500E-02	-0.9696E-02		
		0.3063E+00	-0.7580E-02		
		0.6111E+00	-0.5763E-02		
		0.9159E+00	-0.4222E-02		
		0.1211E+01	-0.3239E-02		
		0.1505E+01	-0.2456E-02		
		0.1800E+01	-0.1851E-02		
		0.3820E+01	-0.7945E-04		
		0.5840E+01	-0.6815E-06		
		0.7860E+01	0.1341E-08		
		0.8145E+01	0.1357E-08		
		0.8429E+01	0.1366E-08		
		0.8714E+01	0.1368E-08		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9525E+02	0.0000E+00
		0.1500E-02	-0.5511E-02		
		0.3063E+00	-0.4315E-02		
		0.6111E+00	-0.3286E-02		
		0.9159E+00	-0.2411E-02		
		0.1211E+01	-0.1852E-02		
		0.1505E+01	-0.1405E-02		
		0.1800E+01	-0.1060E-02		
		0.3820E+01	-0.4564E-04		
		0.5840E+01	-0.3919E-06		
		0.7860E+01	0.4959E-09		
		0.8145E+01	0.5036E-09		
		0.8429E+01	0.5078E-09		
		0.8714E+01	0.5092E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9525E+02	0.0000E+00
		0.1500E-02	-0.2476E-02		
		0.3063E+00	-0.1946E-02		
		0.6111E+00	-0.1487E-02		
		0.9159E+00	-0.1095E-02		
		0.1211E+01	-0.8434E-03		
		0.1505E+01	-0.6415E-03		
		0.1800E+01	-0.4847E-03		
		0.3820E+01	-0.2100E-04		
		0.5840E+01	-0.1807E-06		
		0.7860E+01	0.1761E-09		
		0.8145E+01	0.1794E-09		
		0.8429E+01	0.1813E-09		
		0.8714E+01	0.1819E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9525E+02	0.0000E+00
		0.1500E-02	-0.2116E-03		
		0.3063E+00	-0.1785E-03		
		0.6111E+00	-0.1447E-03		
		0.9159E+00	-0.1126E-03		
		0.1211E+01	-0.9014E-04		
		0.1505E+01	-0.7073E-04		
		0.1800E+01	-0.5464E-04		
		0.3820E+01	-0.2573E-05		
		0.5840E+01	-0.2279E-07		
		0.7860E+01	0.6088E-10		
		0.8145E+01	0.6163E-10		
		0.8429E+01	0.6212E-10		
		0.8714E+01	0.6229E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9930E+02	0.0000E+00
		0.1500E-02	-0.9719E-02		
		0.3063E+00	-0.7637E-02		
		0.6111E+00	-0.5849E-02		
		0.9159E+00	-0.4328E-02		
		0.1211E+01	-0.3353E-02		
		0.1505E+01	-0.2572E-02		
		0.1800E+01	-0.1964E-02		
		0.3820E+01	-0.1001E-03		
		0.5840E+01	-0.1151E-05		
		0.7860E+01	0.4840E-08		
		0.8145E+01	0.4884E-08		
		0.8429E+01	0.4909E-08		
		0.8714E+01	0.4917E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9930E+02	0.0000E+00
		0.1500E-02	-0.5524E-02		
		0.3063E+00	-0.4348E-02		
		0.6111E+00	-0.3335E-02		
		0.9159E+00	-0.2472E-02		
		0.1211E+01	-0.1918E-02		
		0.1505E+01	-0.1473E-02		
		0.1800E+01	-0.1125E-02		
		0.3820E+01	-0.5754E-04		
		0.5840E+01	-0.6626E-06		

		0.7860E+01	0.1943E-08		
		0.8145E+01	0.1965E-08		
		0.8429E+01	0.1977E-08		
		0.8714E+01	0.1981E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9930E+02	0.0000E+00
		0.1500E-02	-0.2482E-02		
		0.3063E+00	-0.1961E-02		
		0.6111E+00	-0.1510E-02		
		0.9159E+00	-0.1124E-02		
		0.1211E+01	-0.8741E-03		
		0.1505E+01	-0.6728E-03		
		0.1800E+01	-0.5150E-03		
		0.3820E+01	-0.2652E-04		
		0.5840E+01	-0.3061E-06		
		0.7860E+01	0.7553E-09		
		0.8145E+01	0.7650E-09		
		0.8429E+01	0.7704E-09		
		0.8714E+01	0.7722E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9930E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1805E-03		
		0.6111E+00	-0.1478E-03		
		0.9159E+00	-0.1164E-03		
		0.1211E+01	-0.9432E-04		
		0.1505E+01	-0.7499E-04		
		0.1800E+01	-0.5875E-04		
		0.3820E+01	-0.3309E-05		
		0.5840E+01	-0.3940E-07		
		0.7860E+01	0.2861E-09		
		0.8145E+01	0.2886E-09		
		0.8429E+01	0.2902E-09		
		0.8714E+01	0.2908E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1032E+03	0.0000E+00
		0.1500E-02	-0.9738E-02		
		0.3063E+00	-0.7687E-02		
		0.6111E+00	-0.5924E-02		
		0.9159E+00	-0.4423E-02		
		0.1211E+01	-0.3457E-02		
		0.1505E+01	-0.2679E-02		
		0.1800E+01	-0.2068E-02		
		0.3820E+01	-0.1225E-03		
		0.5840E+01	-0.1820E-05		
		0.7860E+01	0.1492E-07		
		0.8145E+01	0.1504E-07		
		0.8429E+01	0.1510E-07		
		0.8714E+01	0.1512E-07		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1032E+03	0.0000E+00
		0.1500E-02	-0.5535E-02		
		0.3063E+00	-0.4377E-02		
		0.6111E+00	-0.3379E-02		
		0.9159E+00	-0.2527E-02		
		0.1211E+01	-0.1978E-02		

		0.1505E+01	-0.1534E-02		
		0.1800E+01	-0.1186E-02		
		0.3820E+01	-0.7044E-04		
		0.5840E+01	-0.1048E-05		
		0.7860E+01	0.6420E-08		
		0.8145E+01	0.6477E-08		
		0.8429E+01	0.6509E-08		
		0.8714E+01	0.6519E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1032E+03	0.0000E+00
		0.1500E-02	-0.2487E-02		
		0.3063E+00	-0.1975E-02		
		0.6111E+00	-0.1531E-02		
		0.9159E+00	-0.1149E-02		
		0.1211E+01	-0.9019E-03		
		0.1505E+01	-0.7013E-03		
		0.1800E+01	-0.5430E-03		
		0.3820E+01	-0.3251E-04		
		0.5840E+01	-0.4852E-06		
		0.7860E+01	0.2684E-08		
		0.8145E+01	0.2709E-08		
		0.8429E+01	0.2724E-08		
		0.8714E+01	0.2729E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1032E+03	0.0000E+00
		0.1500E-02	-0.2131E-03		
		0.3063E+00	-0.1824E-03		
		0.6111E+00	-0.1506E-03		
		0.9159E+00	-0.1200E-03		
		0.1211E+01	-0.9820E-04		
		0.1505E+01	-0.7897E-04		
		0.1800E+01	-0.6265E-04		
		0.3820E+01	-0.4126E-05		
		0.5840E+01	-0.6370E-07		
		0.7860E+01	0.1095E-08		
		0.8145E+01	0.1103E-08		
		0.8429E+01	0.1108E-08		
		0.8714E+01	0.1109E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1071E+03	0.0000E+00
		0.1500E-02	-0.9756E-02		
		0.3063E+00	-0.7731E-02		
		0.6111E+00	-0.5992E-02		
		0.9159E+00	-0.4508E-02		
		0.1211E+01	-0.3550E-02		
		0.1505E+01	-0.2776E-02		
		0.1800E+01	-0.2164E-02		
		0.3820E+01	-0.1462E-03		
		0.5840E+01	-0.2723E-05		
		0.7860E+01	0.4046E-07		
		0.8145E+01	0.4072E-07		
		0.8429E+01	0.4087E-07		
		0.8714E+01	0.4093E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1071E+03	0.0000E+00
		0.1500E-02	-0.5545E-02		

		0.3063E+00	-0.4403E-02		
		0.6111E+00	-0.3418E-02		
		0.9159E+00	-0.2576E-02		
		0.1211E+01	-0.2032E-02		
		0.1505E+01	-0.1590E-02		
		0.1800E+01	-0.1241E-02		
		0.3820E+01	-0.8415E-04		
		0.5840E+01	-0.1570E-05		
		0.7860E+01	0.1847E-07		
		0.8145E+01	0.1860E-07		
		0.8429E+01	0.1868E-07		
		0.8714E+01	0.1871E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1071E+03	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1987E-02		
		0.6111E+00	-0.1549E-02		
		0.9159E+00	-0.1172E-02		
		0.1211E+01	-0.9270E-03		
		0.1505E+01	-0.7275E-03		
		0.1800E+01	-0.5689E-03		
		0.3820E+01	-0.3889E-04		
		0.5840E+01	-0.7278E-06		
		0.7860E+01	0.8213E-08		
		0.8145E+01	0.8275E-08		
		0.8429E+01	0.8311E-08		
		0.8714E+01	0.8323E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1071E+03	0.0000E+00
		0.1500E-02	-0.2138E-03		
		0.3063E+00	-0.1841E-03		
		0.6111E+00	-0.1532E-03		
		0.9159E+00	-0.1233E-03		
		0.1211E+01	-0.1018E-03		
		0.1505E+01	-0.8270E-04		
		0.1800E+01	-0.6633E-04		
		0.3820E+01	-0.5018E-05		
		0.5840E+01	-0.9739E-07		
		0.7860E+01	0.3567E-08		
		0.8145E+01	0.3588E-08		
		0.8429E+01	0.3602E-08		
		0.8714E+01	0.3607E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1108E+03	0.0000E+00
		0.1500E-02	-0.9771E-02		
		0.3063E+00	-0.7771E-02		
		0.6111E+00	-0.6053E-02		
		0.9159E+00	-0.4585E-02		
		0.1211E+01	-0.3635E-02		
		0.1505E+01	-0.2864E-02		
		0.1800E+01	-0.2253E-02		
		0.3820E+01	-0.1710E-03		
		0.5840E+01	-0.3893E-05		
		0.7860E+01	0.9851E-07		
		0.8145E+01	0.9907E-07		
		0.8429E+01	0.9940E-07		

		0.8714E+01	0.9952E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1108E+03	0.0000E+00
		0.1500E-02	-0.5554E-02		
		0.3063E+00	-0.4425E-02		
		0.6111E+00	-0.3453E-02		
		0.9159E+00	-0.2621E-02		
		0.1211E+01	-0.2080E-02		
		0.1505E+01	-0.1641E-02		
		0.1800E+01	-0.1292E-02		
		0.3820E+01	-0.9849E-04		
		0.5840E+01	-0.2246E-05		
		0.7860E+01	0.4738E-07		
		0.8145E+01	0.4767E-07		
		0.8429E+01	0.4784E-07		
		0.8714E+01	0.4790E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1108E+03	0.0000E+00
		0.1500E-02	-0.2496E-02		
		0.3063E+00	-0.1997E-02		
		0.6111E+00	-0.1565E-02		
		0.9159E+00	-0.1193E-02		
		0.1211E+01	-0.9499E-03		
		0.1505E+01	-0.7514E-03		
		0.1800E+01	-0.5927E-03		
		0.3820E+01	-0.4558E-04		
		0.5840E+01	-0.1043E-05		
		0.7860E+01	0.2224E-07		
		0.8145E+01	0.2238E-07		
		0.8429E+01	0.2246E-07		
		0.8714E+01	0.2249E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1108E+03	0.0000E+00
		0.1500E-02	-0.2144E-03		
		0.3063E+00	-0.1856E-03		
		0.6111E+00	-0.1556E-03		
		0.9159E+00	-0.1263E-03		
		0.1211E+01	-0.1051E-03		
		0.1505E+01	-0.8620E-04		
		0.1800E+01	-0.6981E-04		
		0.3820E+01	-0.5974E-05		
		0.5840E+01	-0.1421E-06		
		0.7860E+01	0.1020E-07		
		0.8145E+01	0.1025E-07		
		0.8429E+01	0.1029E-07		
		0.8714E+01	0.1030E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1144E+03	0.0000E+00
		0.1500E-02	-0.9785E-02		
		0.3063E+00	-0.7806E-02		
		0.6111E+00	-0.6107E-02		
		0.9159E+00	-0.4654E-02		
		0.1211E+01	-0.3712E-02		
		0.1505E+01	-0.2945E-02		
		0.1800E+01	-0.2334E-02		
		0.3820E+01	-0.1966E-03		

		0.5840E+01	-0.5354E-05		
		0.7860E+01	0.2191E-06		
		0.8145E+01	0.2202E-06		
		0.8429E+01	0.2209E-06		
		0.8714E+01	0.2211E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1144E+03	0.0000E+00
		0.1500E-02	-0.5562E-02		
		0.3063E+00	-0.4446E-02		
		0.6111E+00	-0.3485E-02		
		0.9159E+00	-0.2661E-02		
		0.1211E+01	-0.2125E-02		
		0.1505E+01	-0.1688E-02		
		0.1800E+01	-0.1339E-02		
		0.3820E+01	-0.1133E-03		
		0.5840E+01	-0.3091E-05		
		0.7860E+01	0.1104E-06		
		0.8145E+01	0.1110E-06		
		0.8429E+01	0.1113E-06		
		0.8714E+01	0.1114E-06		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1144E+03	0.0000E+00
		0.1500E-02	-0.2499E-02		
		0.3063E+00	-0.2007E-02		
		0.6111E+00	-0.1580E-02		
		0.9159E+00	-0.1212E-02		
		0.1211E+01	-0.9708E-03		
		0.1505E+01	-0.7733E-03		
		0.1800E+01	-0.6148E-03		
		0.3820E+01	-0.5251E-04		
		0.5840E+01	-0.1438E-05		
		0.7860E+01	0.5432E-07		
		0.8145E+01	0.5462E-07		
		0.8429E+01	0.5480E-07		
		0.8714E+01	0.5486E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1144E+03	0.0000E+00
		0.1500E-02	-0.2149E-03		
		0.3063E+00	-0.1870E-03		
		0.6111E+00	-0.1578E-03		
		0.9159E+00	-0.1291E-03		
		0.1211E+01	-0.1083E-03		
		0.1505E+01	-0.8948E-04		
		0.1800E+01	-0.7310E-04		
		0.3820E+01	-0.6986E-05		
		0.5840E+01	-0.1994E-06		
		0.7860E+01	0.2616E-07		
		0.8145E+01	0.2628E-07		
		0.8429E+01	0.2636E-07		
		0.8714E+01	0.2639E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1180E+03	0.0000E+00
		0.1500E-02	-0.9797E-02		
		0.3063E+00	-0.7838E-02		
		0.6111E+00	-0.6156E-02		
		0.9159E+00	-0.4716E-02		

		0.1211E+01	-0.3781E-02		
		0.1505E+01	-0.3019E-02		
		0.1800E+01	-0.2409E-02		
		0.3820E+01	-0.2228E-03		
		0.5840E+01	-0.7125E-05		
		0.7860E+01	0.4509E-06		
		0.8145E+01	0.4531E-06		
		0.8429E+01	0.4543E-06		
		0.8714E+01	0.4548E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1180E+03	0.0000E+00
		0.1500E-02	-0.5569E-02		
		0.3063E+00	-0.4464E-02		
		0.6111E+00	-0.3513E-02		
		0.9159E+00	-0.2697E-02		
		0.1211E+01	-0.2166E-02		
		0.1505E+01	-0.1731E-02		
		0.1800E+01	-0.1383E-02		
		0.3820E+01	-0.1284E-03		
		0.5840E+01	-0.4116E-05		
		0.7860E+01	0.2368E-06		
		0.8145E+01	0.2379E-06		
		0.8429E+01	0.2386E-06		
		0.8714E+01	0.2389E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1180E+03	0.0000E+00
		0.1500E-02	-0.2503E-02		
		0.3063E+00	-0.2016E-02		
		0.6111E+00	-0.1593E-02		
		0.9159E+00	-0.1229E-02		
		0.1211E+01	-0.9898E-03		
		0.1505E+01	-0.7935E-03		
		0.1800E+01	-0.6353E-03		
		0.3820E+01	-0.5960E-04		
		0.5840E+01	-0.1918E-05		
		0.7860E+01	0.1216E-06		
		0.8145E+01	0.1222E-06		
		0.8429E+01	0.1226E-06		
		0.8714E+01	0.1227E-06		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1180E+03	0.0000E+00
		0.1500E-02	-0.2155E-03		
		0.3063E+00	-0.1884E-03		
		0.6111E+00	-0.1598E-03		
		0.9159E+00	-0.1317E-03		
		0.1211E+01	-0.1112E-03		
		0.1505E+01	-0.9256E-04		
		0.1800E+01	-0.7622E-04		
		0.3820E+01	-0.8044E-05		
		0.5840E+01	-0.2706E-06		
		0.7860E+01	0.6117E-07		
		0.8145E+01	0.6144E-07		
		0.8429E+01	0.6161E-07		
		0.8714E+01	0.6167E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1215E+03	0.0000E+00

		0.1500E-02	-0.9808E-02		
		0.3063E+00	-0.7867E-02		
		0.6111E+00	-0.6201E-02		
		0.9159E+00	-0.4773E-02		
		0.1211E+01	-0.3845E-02		
		0.1505E+01	-0.3087E-02		
		0.1800E+01	-0.2479E-02		
		0.3820E+01	-0.2492E-03		
		0.5840E+01	-0.9217E-05		
		0.7860E+01	0.8686E-06		
		0.8145E+01	0.8724E-06		
		0.8429E+01	0.8747E-06		
		0.8714E+01	0.8755E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1215E+03	0.0000E+00
		0.1500E-02	-0.5576E-02		
		0.3063E+00	-0.4481E-02		
		0.6111E+00	-0.3539E-02		
		0.9159E+00	-0.2730E-02		
		0.1211E+01	-0.2203E-02		
		0.1505E+01	-0.1770E-02		
		0.1800E+01	-0.1423E-02		
		0.3820E+01	-0.1438E-03		
		0.5840E+01	-0.5329E-05		
		0.7860E+01	0.4733E-06		
		0.8145E+01	0.4755E-06		
		0.8429E+01	0.4767E-06		
		0.8714E+01	0.4772E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1215E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2024E-02		
		0.6111E+00	-0.1606E-02		
		0.9159E+00	-0.1244E-02		
		0.1211E+01	-0.1007E-02		
		0.1505E+01	-0.8121E-03		
		0.1800E+01	-0.6542E-03		
		0.3820E+01	-0.6680E-04		
		0.5840E+01	-0.2487E-05		
		0.7860E+01	0.2527E-06		
		0.8145E+01	0.2538E-06		
		0.8429E+01	0.2545E-06		
		0.8714E+01	0.2547E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1215E+03	0.0000E+00
		0.1500E-02	-0.2159E-03		
		0.3063E+00	-0.1896E-03		
		0.6111E+00	-0.1617E-03		
		0.9159E+00	-0.1341E-03		
		0.1211E+01	-0.1139E-03		
		0.1505E+01	-0.9546E-04		
		0.1800E+01	-0.7916E-04		
		0.3820E+01	-0.9141E-05		
		0.5840E+01	-0.3566E-06		
		0.7860E+01	0.1322E-06		
		0.8145E+01	0.1327E-06		
		0.8429E+01	0.1331E-06		
		0.8714E+01	0.1332E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1249E+03	0.0000E+00
		0.1500E-02	-0.9819E-02		
		0.3063E+00	-0.7893E-02		
		0.6111E+00	-0.6241E-02		
		0.9159E+00	-0.4825E-02		
		0.1211E+01	-0.3904E-02		
		0.1505E+01	-0.3149E-02		
		0.1800E+01	-0.2543E-02		
		0.3820E+01	-0.2758E-03		
		0.5840E+01	-0.1163E-04		
		0.7860E+01	0.1580E-05		
		0.8145E+01	0.1586E-05		
		0.8429E+01	0.1590E-05		
		0.8714E+01	0.1591E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1249E+03	0.0000E+00
		0.1500E-02	-0.5582E-02		
		0.3063E+00	-0.4496E-02		
		0.6111E+00	-0.3562E-02		
		0.9159E+00	-0.2760E-02		
		0.1211E+01	-0.2236E-02		
		0.1505E+01	-0.1807E-02		
		0.1800E+01	-0.1460E-02		
		0.3820E+01	-0.1592E-03		
		0.5840E+01	-0.6733E-05		
		0.7860E+01	0.8903E-06		
		0.8145E+01	0.8940E-06		
		0.8429E+01	0.8962E-06		
		0.8714E+01	0.8970E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1249E+03	0.0000E+00
		0.1500E-02	-0.2509E-02		
		0.3063E+00	-0.2031E-02		
		0.6111E+00	-0.1617E-02		
		0.9159E+00	-0.1258E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.8292E-03		
		0.1800E+01	-0.6718E-03		
		0.3820E+01	-0.7406E-04		
		0.5840E+01	-0.3147E-05		
		0.7860E+01	0.4920E-06		
		0.8145E+01	0.4941E-06		
		0.8429E+01	0.4953E-06		
		0.8714E+01	0.4958E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1249E+03	0.0000E+00
		0.1500E-02	-0.2164E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1635E-03		
		0.9159E+00	-0.1364E-03		
		0.1211E+01	-0.1164E-03		
		0.1505E+01	-0.9818E-04		
		0.1800E+01	-0.8195E-04		
		0.3820E+01	-0.1027E-04		
		0.5840E+01	-0.4582E-06		
		0.7860E+01	0.2668E-06		
		0.8145E+01	0.2678E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.2684E-06		
		0.8714E+01	0.2687E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1282E+03	0.0000E+00
		0.1500E-02	-0.9828E-02		
		0.3063E+00	-0.7916E-02		
		0.6111E+00	-0.6277E-02		
		0.9159E+00	-0.4872E-02		
		0.1211E+01	-0.3957E-02		
		0.1505E+01	-0.3207E-02		
		0.1800E+01	-0.2602E-02		
		0.3820E+01	-0.3023E-03		
		0.5840E+01	-0.1438E-04		
		0.7860E+01	0.2733E-05		
		0.8145E+01	0.2743E-05		
		0.8429E+01	0.2750E-05		
		0.8714E+01	0.2752E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1282E+03	0.0000E+00
		0.1500E-02	-0.5587E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3584E-02		
		0.9159E+00	-0.2788E-02		
		0.1211E+01	-0.2268E-02		
		0.1505E+01	-0.1840E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.1746E-03		
		0.5840E+01	-0.8326E-05		
		0.7860E+01	0.1588E-05		
		0.8145E+01	0.1594E-05		
		0.8429E+01	0.1598E-05		
		0.8714E+01	0.1599E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1282E+03	0.0000E+00
		0.1500E-02	-0.2511E-02		
		0.3063E+00	-0.2037E-02		
		0.6111E+00	-0.1627E-02		
		0.9159E+00	-0.1271E-02		
		0.1211E+01	-0.1038E-02		
		0.1505E+01	-0.8450E-03		
		0.1800E+01	-0.6881E-03		
		0.3820E+01	-0.8133E-04		
		0.5840E+01	-0.3897E-05		
		0.7860E+01	0.9056E-06		
		0.8145E+01	0.9091E-06		
		0.8429E+01	0.9113E-06		
		0.8714E+01	0.9121E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1282E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1918E-03		
		0.6111E+00	-0.1651E-03		
		0.9159E+00	-0.1385E-03		
		0.1211E+01	-0.1188E-03		
		0.1505E+01	-0.1007E-03		
		0.1800E+01	-0.8458E-04		

		0.3820E+01	-0.1142E-04		
		0.5840E+01	-0.5759E-06		
		0.7860E+01	0.5072E-06		
		0.8145E+01	0.5091E-06		
		0.8429E+01	0.5102E-06		
		0.8714E+01	0.5106E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1315E+03	0.0000E+00
		0.1500E-02	-0.9836E-02		
		0.3063E+00	-0.7938E-02		
		0.6111E+00	-0.6311E-02		
		0.9159E+00	-0.4916E-02		
		0.1211E+01	-0.4006E-02		
		0.1505E+01	-0.3259E-02		
		0.1800E+01	-0.2657E-02		
		0.3820E+01	-0.3286E-03		
		0.5840E+01	-0.1743E-04		
		0.7860E+01	0.4524E-05		
		0.8145E+01	0.4540E-05		
		0.8429E+01	0.4550E-05		
		0.8714E+01	0.4554E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1315E+03	0.0000E+00
		0.1500E-02	-0.5592E-02		
		0.3063E+00	-0.4522E-02		
		0.6111E+00	-0.3603E-02		
		0.9159E+00	-0.2813E-02		
		0.1211E+01	-0.2296E-02		
		0.1505E+01	-0.1871E-02		
		0.1800E+01	-0.1527E-02		
		0.3820E+01	-0.1900E-03		
		0.5840E+01	-0.1010E-04		
		0.7860E+01	0.2702E-05		
		0.8145E+01	0.2712E-05		
		0.8429E+01	0.2718E-05		
		0.8714E+01	0.2720E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1315E+03	0.0000E+00
		0.1500E-02	-0.2513E-02		
		0.3063E+00	-0.2043E-02		
		0.6111E+00	-0.1636E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1052E-02		
		0.1505E+01	-0.8596E-03		
		0.1800E+01	-0.7032E-03		
		0.3820E+01	-0.8857E-04		
		0.5840E+01	-0.4737E-05		
		0.7860E+01	0.1586E-05		
		0.8145E+01	0.1592E-05		
		0.8429E+01	0.1596E-05		
		0.8714E+01	0.1597E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1315E+03	0.0000E+00
		0.1500E-02	-0.2171E-03		
		0.3063E+00	-0.1927E-03		
		0.6111E+00	-0.1666E-03		

		0.9159E+00	-0.1405E-03		
		0.1211E+01	-0.1211E-03		
		0.1505E+01	-0.1032E-03		
		0.1800E+01	-0.8708E-04		
		0.3820E+01	-0.1259E-04		
		0.5840E+01	-0.7096E-06		
		0.7860E+01	0.9151E-06		
		0.8145E+01	0.9184E-06		
		0.8429E+01	0.9204E-06		
		0.8714E+01	0.9211E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1348E+03	0.0000E+00
		0.1500E-02	-0.9844E-02		
		0.3063E+00	-0.7957E-02		
		0.6111E+00	-0.6341E-02		
		0.9159E+00	-0.4955E-02		
		0.1211E+01	-0.4051E-02		
		0.1505E+01	-0.3308E-02		
		0.1800E+01	-0.2708E-02		
		0.3820E+01	-0.3547E-03		
		0.5840E+01	-0.2079E-04		
		0.7860E+01	0.7205E-05		
		0.8145E+01	0.7229E-05		
		0.8429E+01	0.7244E-05		
		0.8714E+01	0.7250E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1348E+03	0.0000E+00
		0.1500E-02	-0.5596E-02		
		0.3063E+00	-0.4534E-02		
		0.6111E+00	-0.3621E-02		
		0.9159E+00	-0.2836E-02		
		0.1211E+01	-0.2322E-02		
		0.1505E+01	-0.1899E-02		
		0.1800E+01	-0.1557E-02		
		0.3820E+01	-0.2051E-03		
		0.5840E+01	-0.1206E-04		
		0.7860E+01	0.4414E-05		
		0.8145E+01	0.4430E-05		
		0.8429E+01	0.4439E-05		
		0.8714E+01	0.4442E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1348E+03	0.0000E+00
		0.1500E-02	-0.2515E-02		
		0.3063E+00	-0.2049E-02		
		0.6111E+00	-0.1644E-02		
		0.9159E+00	-0.1294E-02		
		0.1211E+01	-0.1064E-02		
		0.1505E+01	-0.8731E-03		
		0.1800E+01	-0.7173E-03		
		0.3820E+01	-0.9574E-04		
		0.5840E+01	-0.5661E-05		
		0.7860E+01	0.2660E-05		
		0.8145E+01	0.2670E-05		
		0.8429E+01	0.2675E-05		
		0.8714E+01	0.2677E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1348E+03	0.0000E+00
		0.1500E-02	-0.2175E-03		
		0.3063E+00	-0.1936E-03		
		0.6111E+00	-0.1680E-03		
		0.9159E+00	-0.1423E-03		
		0.1211E+01	-0.1232E-03		
		0.1505E+01	-0.1054E-03		
		0.1800E+01	-0.8944E-04		
		0.3820E+01	-0.1377E-04		
		0.5840E+01	-0.8588E-06		
		0.7860E+01	0.1577E-05		
		0.8145E+01	0.1582E-05		
		0.8429E+01	0.1586E-05		
		0.8714E+01	0.1587E-05		
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9850E-02		
		0.3063E+00	-0.7975E-02		
		0.6111E+00	-0.6369E-02		
		0.9159E+00	-0.4992E-02		
		0.1211E+01	-0.4092E-02		
		0.1505E+01	-0.3353E-02		
		0.1800E+01	-0.2755E-02		
		0.3820E+01	-0.3803E-03		
		0.5840E+01	-0.2444E-04		
		0.7860E+01	0.1109E-04		
		0.8145E+01	0.1112E-04		
		0.8429E+01	0.1114E-04		
		0.8714E+01	0.1115E-04		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5600E-02		
		0.3063E+00	-0.4544E-02		
		0.6111E+00	-0.3637E-02		
		0.9159E+00	-0.2857E-02		
		0.1211E+01	-0.2347E-02		
		0.1505E+01	-0.1926E-02		
		0.1800E+01	-0.1584E-02		
		0.3820E+01	-0.2200E-03		
		0.5840E+01	-0.1418E-04		
		0.7860E+01	0.6952E-05		
		0.8145E+01	0.6975E-05		
		0.8429E+01	0.6989E-05		
		0.8714E+01	0.6995E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2054E-02		
		0.6111E+00	-0.1652E-02		
		0.9159E+00	-0.1304E-02		
		0.1211E+01	-0.1075E-02		
		0.1505E+01	-0.8856E-03		
		0.1800E+01	-0.7304E-03		
		0.3820E+01	-0.1028E-03		
		0.5840E+01	-0.6666E-05		
		0.7860E+01	0.4292E-05		

		0.8145E+01	0.4307E-05		
		0.8429E+01	0.4315E-05		
		0.8714E+01	0.4319E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2178E-03		
		0.3063E+00	-0.1945E-03		
		0.6111E+00	-0.1694E-03		
		0.9159E+00	-0.1440E-03		
		0.1211E+01	-0.1252E-03		
		0.1505E+01	-0.1076E-03		
		0.1800E+01	-0.9168E-04		
		0.3820E+01	-0.1495E-04		
		0.5840E+01	-0.1022E-05		
		0.7860E+01	0.2609E-05		
		0.8145E+01	0.2617E-05		
		0.8429E+01	0.2622E-05		
		0.8714E+01	0.2624E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1404E+03	0.0000E+00
		0.1500E-02	-0.9856E-02		
		0.3063E+00	-0.7988E-02		
		0.6111E+00	-0.6390E-02		
		0.9159E+00	-0.5019E-02		
		0.1211E+01	-0.4123E-02		
		0.1505E+01	-0.3387E-02		
		0.1800E+01	-0.2790E-02		
		0.3820E+01	-0.4004E-03		
		0.5840E+01	-0.2754E-04		
		0.7860E+01	0.1530E-04		
		0.8145E+01	0.1535E-04		
		0.8429E+01	0.1538E-04		
		0.8714E+01	0.1539E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1404E+03	0.0000E+00
		0.1500E-02	-0.5603E-02		
		0.3063E+00	-0.4552E-02		
		0.6111E+00	-0.3649E-02		
		0.9159E+00	-0.2873E-02		
		0.1211E+01	-0.2365E-02		
		0.1505E+01	-0.1945E-02		
		0.1800E+01	-0.1605E-02		
		0.3820E+01	-0.2318E-03		
		0.5840E+01	-0.1599E-04		
		0.7860E+01	0.9766E-05		
		0.8145E+01	0.9797E-05		
		0.8429E+01	0.9816E-05		
		0.8714E+01	0.9823E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1404E+03	0.0000E+00
		0.1500E-02	-0.2519E-02		
		0.3063E+00	-0.2057E-02		
		0.6111E+00	-0.1658E-02		
		0.9159E+00	-0.1312E-02		
		0.1211E+01	-0.1084E-02		
		0.1505E+01	-0.8950E-03		

		0.1800E+01	-0.7403E-03		
		0.3820E+01	-0.1084E-03		
		0.5840E+01	-0.7523E-05		
		0.7860E+01	0.6139E-05		
		0.8145E+01	0.6158E-05		
		0.8429E+01	0.6170E-05		
		0.8714E+01	0.6175E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1404E+03	0.0000E+00
		0.1500E-02	-0.2181E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		
		0.9159E+00	-0.1453E-03		
		0.1211E+01	-0.1267E-03		
		0.1505E+01	-0.1092E-03		
		0.1800E+01	-0.9338E-04		
		0.3820E+01	-0.1590E-04		
		0.5840E+01	-0.1162E-05		
		0.7860E+01	0.3800E-05		
		0.8145E+01	0.3812E-05		
		0.8429E+01	0.3820E-05		
		0.8714E+01	0.3823E-05		

N O T I C E

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*                                                *
*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -       10:16:22            *
*           EXECUTION TIME    0: 1: 2            *
*                                                *
*                                                *
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CLR8

Compacted Clay Fill
Coef. of Hydro. Disp. = 0.01185 m^2/yr
(Decreased by 25%)

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*************************************************************
*                                                           *
*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                  RUN DATE -   15-11- 8                    *
*                  TIME     -   10:19:55                    *
*                                                           *
*************************************************************
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*****************************************************************************
 Clinton LF No. 3 (CWU) CLR8 (Clay Fill 0.01185)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
========================

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.118E-01	.118E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.118E-01	.118E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.118E-01	.118E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6845E-03		
		0.9159E+00	-0.1090E-03		
		0.1211E+01	-0.7073E-05		
		0.1505E+01	-0.2347E-06		
		0.1800E+01	-0.3638E-08		
		0.3820E+01	0.3349E-17		
		0.5840E+01	-0.4740E-24		
		0.7860E+01	-0.7109E-33		
		0.8145E+01	-0.4355E-33		
		0.8429E+01	-0.2925E-33		
		0.8714E+01	-0.2485E-33		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3889E-03		
		0.9159E+00	-0.6194E-04		
		0.1211E+01	-0.4019E-05		

		0.1505E+01	-0.1334E-06		
		0.1800E+01	-0.2067E-08		
		0.3820E+01	0.1906E-17		
		0.5840E+01	-0.2699E-24		
		0.7860E+01	-0.4813E-33		
		0.8145E+01	-0.3235E-33		
		0.8429E+01	-0.2397E-33		
		0.8714E+01	-0.2136E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1746E-03		
		0.9159E+00	-0.2781E-04		
		0.1211E+01	-0.1805E-05		
		0.1505E+01	-0.5989E-07		
		0.1800E+01	-0.9282E-09		
		0.3820E+01	0.8595E-18		
		0.5840E+01	-0.1217E-24		
		0.7860E+01	-0.2495E-33		
		0.8145E+01	-0.1763E-33		
		0.8429E+01	-0.1355E-33		
		0.8714E+01	-0.1226E-33		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1474E-04		
		0.9159E+00	-0.2357E-05		
		0.1211E+01	-0.1530E-06		
		0.1505E+01	-0.5079E-08		
		0.1800E+01	-0.7873E-10		
		0.3820E+01	0.7859E-19		
		0.5840E+01	-0.1117E-25		
		0.7860E+01	-0.7520E-34		
		0.8145E+01	-0.6559E-34		
		0.8429E+01	-0.5741E-34		
		0.8714E+01	-0.5448E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4453E-02		
		0.6111E+00	-0.1932E-02		
		0.9159E+00	-0.7044E-03		
		0.1211E+01	-0.1596E-03		
		0.1505E+01	-0.2616E-04		
		0.1800E+01	-0.2857E-05		
		0.3820E+01	-0.7416E-14		
		0.5840E+01	0.1917E-18		
		0.7860E+01	-0.1621E-24		
		0.8145E+01	0.8072E-26		
		0.8429E+01	0.9304E-25		
		0.8714E+01	0.1187E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4744E-02		

		0.3063E+00	-0.2530E-02		
		0.6111E+00	-0.1098E-02		
		0.9159E+00	-0.4005E-03		
		0.1211E+01	-0.9074E-04		
		0.1505E+01	-0.1488E-04		
		0.1800E+01	-0.1625E-05		
		0.3820E+01	-0.4222E-14		
		0.5840E+01	0.1075E-18		
		0.7860E+01	-0.2723E-24		
		0.8145E+01	-0.1751E-24		
		0.8429E+01	-0.1257E-24		
		0.8714E+01	-0.1107E-24		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2128E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4936E-03		
		0.9159E+00	-0.1801E-03		
		0.1211E+01	-0.4080E-04		
		0.1505E+01	-0.6690E-05		
		0.1800E+01	-0.7308E-06		
		0.3820E+01	-0.1903E-14		
		0.5840E+01	0.4672E-19		
		0.7860E+01	-0.1397E-24		
		0.8145E+01	-0.9445E-25		
		0.8429E+01	-0.7048E-25		
		0.8714E+01	-0.6302E-25		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9656E-04		
		0.6111E+00	-0.4256E-04		
		0.9159E+00	-0.1565E-04		
		0.1211E+01	-0.3557E-05		
		0.1505E+01	-0.5841E-06		
		0.1800E+01	-0.6391E-07		
		0.3820E+01	-0.1738E-15		
		0.5840E+01	0.1569E-20		
		0.7860E+01	-0.3514E-25		
		0.8145E+01	-0.2845E-25		
		0.8429E+01	-0.2345E-25		
		0.8714E+01	-0.2168E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3654E+02	0.0000E+00
		0.1500E-02	-0.8767E-02		
		0.3063E+00	-0.5359E-02		
		0.6111E+00	-0.2884E-02		
		0.9159E+00	-0.1402E-02		
		0.1211E+01	-0.4895E-03		
		0.1505E+01	-0.1382E-03		
		0.1800E+01	-0.2929E-04		
		0.3820E+01	-0.4095E-10		
		0.5840E+01	0.2264E-16		
		0.7860E+01	0.4324E-21		
		0.8145E+01	0.1093E-20		
		0.8429E+01	0.1413E-20		

		0.8714E+01	0.1509E-20		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3654E+02	0.0000E+00
		0.1500E-02	-0.4980E-02		
		0.3063E+00	-0.3046E-02		
		0.6111E+00	-0.1640E-02		
		0.9159E+00	-0.7978E-03		
		0.1211E+01	-0.2785E-03		
		0.1505E+01	-0.7862E-04		
		0.1800E+01	-0.1667E-04		
		0.3820E+01	-0.2331E-10		
		0.5840E+01	0.1259E-16		
		0.7860E+01	0.6124E-20		
		0.8145E+01	0.6579E-20		
		0.8429E+01	0.6813E-20		
		0.8714E+01	0.6885E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3654E+02	0.0000E+00
		0.1500E-02	-0.2234E-02		
		0.3063E+00	-0.1369E-02		
		0.6111E+00	-0.7378E-03		
		0.9159E+00	-0.3591E-03		
		0.1211E+01	-0.1254E-03		
		0.1505E+01	-0.3541E-04		
		0.1800E+01	-0.7508E-05		
		0.3820E+01	-0.1051E-10		
		0.5840E+01	0.5360E-17		
		0.7860E+01	0.2758E-20		
		0.8145E+01	0.2978E-20		
		0.8429E+01	0.3096E-20		
		0.8714E+01	0.3134E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3654E+02	0.0000E+00
		0.1500E-02	-0.1863E-03		
		0.3063E+00	-0.1176E-03		
		0.6111E+00	-0.6470E-04		
		0.9159E+00	-0.3186E-04		
		0.1211E+01	-0.1119E-04		
		0.1505E+01	-0.3170E-05		
		0.1800E+01	-0.6746E-06		
		0.3820E+01	-0.9610E-12		
		0.5840E+01	-0.1327E-20		
		0.7860E+01	0.9002E-21		
		0.8145E+01	0.9354E-21		
		0.8429E+01	0.9613E-21		
		0.8714E+01	0.9705E-21		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4392E+02	0.0000E+00
		0.1500E-02	-0.9024E-02		
		0.3063E+00	-0.5951E-02		
		0.6111E+00	-0.3592E-02		
		0.9159E+00	-0.2025E-02		
		0.1211E+01	-0.8823E-03		
		0.1505E+01	-0.3280E-03		
		0.1800E+01	-0.9747E-04		
		0.3820E+01	-0.3358E-08		

		0.5840E+01	-0.1366E-14		
		0.7860E+01	0.5062E-17		
		0.8145E+01	0.5099E-17		
		0.8429E+01	0.5122E-17		
		0.8714E+01	0.5130E-17		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4392E+02	0.0000E+00
		0.1500E-02	-0.5126E-02		
		0.3063E+00	-0.3383E-02		
		0.6111E+00	-0.2043E-02		
		0.9159E+00	-0.1152E-02		
		0.1211E+01	-0.5022E-03		
		0.1505E+01	-0.1867E-03		
		0.1800E+01	-0.5550E-04		
		0.3820E+01	-0.1913E-08		
		0.5840E+01	-0.7771E-15		
		0.7860E+01	-0.4525E-18		
		0.8145E+01	-0.4463E-18		
		0.8429E+01	-0.4423E-18		
		0.8714E+01	-0.4410E-18		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4392E+02	0.0000E+00
		0.1500E-02	-0.2300E-02		
		0.3063E+00	-0.1521E-02		
		0.6111E+00	-0.9200E-03		
		0.9159E+00	-0.5193E-03		
		0.1211E+01	-0.2264E-03		
		0.1505E+01	-0.8419E-04		
		0.1800E+01	-0.2503E-04		
		0.3820E+01	-0.8642E-09		
		0.5840E+01	-0.3497E-15		
		0.7860E+01	-0.1262E-17		
		0.8145E+01	-0.1267E-17		
		0.8429E+01	-0.1271E-17		
		0.8714E+01	-0.1272E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4392E+02	0.0000E+00
		0.1500E-02	-0.1925E-03		
		0.3063E+00	-0.1320E-03		
		0.6111E+00	-0.8184E-04		
		0.9159E+00	-0.4687E-04		
		0.1211E+01	-0.2061E-04		
		0.1505E+01	-0.7707E-05		
		0.1800E+01	-0.2305E-05		
		0.3820E+01	-0.8156E-10		
		0.5840E+01	-0.3097E-16		
		0.7860E+01	-0.6446E-18		
		0.8145E+01	-0.6489E-18		
		0.8429E+01	-0.6516E-18		
		0.8714E+01	-0.6525E-18		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5050E+02	0.0000E+00
		0.1500E-02	-0.9201E-02		
		0.3063E+00	-0.6373E-02		
		0.6111E+00	-0.4134E-02		
		0.9159E+00	-0.2551E-02		

		0.1211E+01	-0.1273E-02		
		0.1505E+01	-0.5588E-03		
		0.1800E+01	-0.2041E-03		
		0.3820E+01	-0.4852E-07		
		0.5840E+01	-0.8273E-13		
		0.7860E+01	-0.1738E-15		
		0.8145E+01	-0.1752E-15		
		0.8429E+01	-0.1760E-15		
		0.8714E+01	-0.1762E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5050E+02	0.0000E+00
		0.1500E-02	-0.5227E-02		
		0.3063E+00	-0.3624E-02		
		0.6111E+00	-0.2352E-02		
		0.9159E+00	-0.1452E-02		
		0.1211E+01	-0.7247E-03		
		0.1505E+01	-0.3183E-03		
		0.1800E+01	-0.1163E-03		
		0.3820E+01	-0.2766E-07		
		0.5840E+01	-0.4719E-13		
		0.7860E+01	-0.3648E-17		
		0.8145E+01	-0.4243E-17		
		0.8429E+01	-0.4592E-17		
		0.8714E+01	-0.4707E-17		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5050E+02	0.0000E+00
		0.1500E-02	-0.2346E-02		
		0.3063E+00	-0.1630E-02		
		0.6111E+00	-0.1060E-02		
		0.9159E+00	-0.6549E-03		
		0.1211E+01	-0.3270E-03		
		0.1505E+01	-0.1437E-03		
		0.1800E+01	-0.5252E-04		
		0.3820E+01	-0.1252E-07		
		0.5840E+01	-0.2138E-13		
		0.7860E+01	0.4995E-16		
		0.8145E+01	0.4993E-16		
		0.8429E+01	0.4992E-16		
		0.8714E+01	0.4992E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5050E+02	0.0000E+00
		0.1500E-02	-0.1970E-03		
		0.3063E+00	-0.1426E-03		
		0.6111E+00	-0.9546E-04		
		0.9159E+00	-0.6003E-04		
		0.1211E+01	-0.3030E-04		
		0.1505E+01	-0.1342E-04		
		0.1800E+01	-0.4945E-05		
		0.3820E+01	-0.1217E-08		
		0.5840E+01	-0.2117E-14		
		0.7860E+01	0.3518E-16		
		0.8145E+01	0.3533E-16		
		0.8429E+01	0.3543E-16		
		0.8714E+01	0.3546E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5650E+02	0.0000E+00

		0.1500E-02	-0.9333E-02		
		0.3063E+00	-0.6692E-02		
		0.6111E+00	-0.4560E-02		
		0.9159E+00	-0.2991E-02		
		0.1211E+01	-0.1635E-02		
		0.1505E+01	-0.8029E-03		
		0.1800E+01	-0.3372E-03		
		0.3820E+01	-0.2919E-06		
		0.5840E+01	-0.4456E-11		
		0.7860E+01	0.1092E-14		
		0.8145E+01	0.1102E-14		
		0.8429E+01	0.1109E-14		
		0.8714E+01	0.1111E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5650E+02	0.0000E+00
		0.1500E-02	-0.5302E-02		
		0.3063E+00	-0.3806E-02		
		0.6111E+00	-0.2596E-02		
		0.9159E+00	-0.1703E-02		
		0.1211E+01	-0.9315E-03		
		0.1505E+01	-0.4575E-03		
		0.1800E+01	-0.1922E-03		
		0.3820E+01	-0.1666E-06		
		0.5840E+01	-0.2543E-11		
		0.7860E+01	-0.4601E-15		
		0.8145E+01	-0.4565E-15		
		0.8429E+01	-0.4543E-15		
		0.8714E+01	-0.4536E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5650E+02	0.0000E+00
		0.1500E-02	-0.2380E-02		
		0.3063E+00	-0.1713E-02		
		0.6111E+00	-0.1170E-02		
		0.9159E+00	-0.7688E-03		
		0.1211E+01	-0.4208E-03		
		0.1505E+01	-0.2068E-03		
		0.1800E+01	-0.8693E-04		
		0.3820E+01	-0.7552E-07		
		0.5840E+01	-0.1154E-11		
		0.7860E+01	-0.8079E-15		
		0.8145E+01	-0.8094E-15		
		0.8429E+01	-0.8103E-15		
		0.8714E+01	-0.8107E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5650E+02	0.0000E+00
		0.1500E-02	-0.2004E-03		
		0.3063E+00	-0.1509E-03		
		0.6111E+00	-0.1066E-03		
		0.9159E+00	-0.7143E-04		
		0.1211E+01	-0.3962E-04		
		0.1505E+01	-0.1967E-04		
		0.1800E+01	-0.8353E-05		
		0.3820E+01	-0.7549E-08		
		0.5840E+01	-0.1168E-12		
		0.7860E+01	-0.4651E-15		
		0.8145E+01	-0.4676E-15		
		0.8429E+01	-0.4692E-15		
		0.8714E+01	-0.4697E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6204E+02	0.0000E+00
		0.1500E-02	-0.9435E-02		
		0.3063E+00	-0.6942E-02		
		0.6111E+00	-0.4904E-02		
		0.9159E+00	-0.3361E-02		
		0.1211E+01	-0.1963E-02		
		0.1505E+01	-0.1044E-02		
		0.1800E+01	-0.4852E-03		
		0.3820E+01	-0.1060E-05		
		0.5840E+01	-0.7465E-10		
		0.7860E+01	0.3157E-14		
		0.8145E+01	0.3135E-14		
		0.8429E+01	0.3121E-14		
		0.8714E+01	0.3116E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6204E+02	0.0000E+00
		0.1500E-02	-0.5361E-02		
		0.3063E+00	-0.3949E-02		
		0.6111E+00	-0.2792E-02		
		0.9159E+00	-0.1915E-02		
		0.1211E+01	-0.1118E-02		
		0.1505E+01	-0.5954E-03		
		0.1800E+01	-0.2767E-03		
		0.3820E+01	-0.6054E-06		
		0.5840E+01	-0.4265E-10		
		0.7860E+01	0.7057E-14		
		0.8145E+01	0.7070E-14		
		0.8429E+01	0.7078E-14		
		0.8714E+01	0.7081E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6204E+02	0.0000E+00
		0.1500E-02	-0.2406E-02		
		0.3063E+00	-0.1777E-02		
		0.6111E+00	-0.1259E-02		
		0.9159E+00	-0.8648E-03		
		0.1211E+01	-0.5057E-03		
		0.1505E+01	-0.2694E-03		
		0.1800E+01	-0.1253E-03		
		0.3820E+01	-0.2749E-06		
		0.5840E+01	-0.1939E-10		
		0.7860E+01	0.4850E-14		
		0.8145E+01	0.4875E-14		
		0.8429E+01	0.4890E-14		
		0.8714E+01	0.4896E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6204E+02	0.0000E+00
		0.1500E-02	-0.2032E-03		
		0.3063E+00	-0.1577E-03		
		0.6111E+00	-0.1158E-03		
		0.9159E+00	-0.8132E-04		
		0.1211E+01	-0.4831E-04		
		0.1505E+01	-0.2605E-04		
		0.1800E+01	-0.1227E-04		
		0.3820E+01	-0.2821E-07		
		0.5840E+01	-0.2021E-11		
		0.7860E+01	0.1024E-14		
		0.8145E+01	0.1041E-14		

		0.8429E+01	0.1051E-14		
		0.8714E+01	0.1054E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6721E+02	0.0000E+00
		0.1500E-02	-0.9516E-02		
		0.3063E+00	-0.7142E-02		
		0.6111E+00	-0.5186E-02		
		0.9159E+00	-0.3674E-02		
		0.1211E+01	-0.2255E-02		
		0.1505E+01	-0.1275E-02		
		0.1800E+01	-0.6394E-03		
		0.3820E+01	-0.2802E-05		
		0.5840E+01	-0.6221E-09		
		0.7860E+01	-0.3589E-13		
		0.8145E+01	-0.3589E-13		
		0.8429E+01	-0.3590E-13		
		0.8714E+01	-0.3591E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6721E+02	0.0000E+00
		0.1500E-02	-0.5407E-02		
		0.3063E+00	-0.4063E-02		
		0.6111E+00	-0.2953E-02		
		0.9159E+00	-0.2094E-02		
		0.1211E+01	-0.1286E-02		
		0.1505E+01	-0.7271E-03		
		0.1800E+01	-0.3648E-03		
		0.3820E+01	-0.1601E-05		
		0.5840E+01	-0.3557E-09		
		0.7860E+01	-0.2003E-13		
		0.8145E+01	-0.2011E-13		
		0.8429E+01	-0.2017E-13		
		0.8714E+01	-0.2019E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6721E+02	0.0000E+00
		0.1500E-02	-0.2428E-02		
		0.3063E+00	-0.1830E-02		
		0.6111E+00	-0.1333E-02		
		0.9159E+00	-0.9462E-03		
		0.1211E+01	-0.5817E-03		
		0.1505E+01	-0.3293E-03		
		0.1800E+01	-0.1654E-03		
		0.3820E+01	-0.7284E-06		
		0.5840E+01	-0.1620E-09		
		0.7860E+01	0.7440E-15		
		0.8145E+01	0.6839E-15		
		0.8429E+01	0.6464E-15		
		0.8714E+01	0.6337E-15		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6721E+02	0.0000E+00
		0.1500E-02	-0.2054E-03		
		0.3063E+00	-0.1633E-03		
		0.6111E+00	-0.1236E-03		
		0.9159E+00	-0.8997E-04		
		0.1211E+01	-0.5632E-04		
		0.1505E+01	-0.3234E-04		
		0.1800E+01	-0.1648E-04		

		0.3820E+01	-0.7662E-07		
		0.5840E+01	-0.1736E-10		
		0.7860E+01	0.1208E-13		
		0.8145E+01	0.1208E-13		
		0.8429E+01	0.1207E-13		
		0.8714E+01	0.1207E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7208E+02	0.0000E+00
		0.1500E-02	-0.9582E-02		
		0.3063E+00	-0.7306E-02		
		0.6111E+00	-0.5420E-02		
		0.9159E+00	-0.3941E-02		
		0.1211E+01	-0.2515E-02		
		0.1505E+01	-0.1491E-02		
		0.1800E+01	-0.7940E-03		
		0.3820E+01	-0.5983E-05		
		0.5840E+01	-0.3248E-08		
		0.7860E+01	0.1812E-13		
		0.8145E+01	0.1998E-13		
		0.8429E+01	0.2095E-13		
		0.8714E+01	0.2125E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7208E+02	0.0000E+00
		0.1500E-02	-0.5445E-02		
		0.3063E+00	-0.4157E-02		
		0.6111E+00	-0.3087E-02		
		0.9159E+00	-0.2246E-02		
		0.1211E+01	-0.1434E-02		
		0.1505E+01	-0.8505E-03		
		0.1800E+01	-0.4532E-03		
		0.3820E+01	-0.3422E-05		
		0.5840E+01	-0.1859E-08		
		0.7860E+01	-0.4831E-13		
		0.8145E+01	-0.4735E-13		
		0.8429E+01	-0.4685E-13		
		0.8714E+01	-0.4670E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7208E+02	0.0000E+00
		0.1500E-02	-0.2445E-02		
		0.3063E+00	-0.1872E-02		
		0.6111E+00	-0.1394E-02		
		0.9159E+00	-0.1016E-02		
		0.1211E+01	-0.6494E-03		
		0.1505E+01	-0.3855E-03		
		0.1800E+01	-0.2057E-03		
		0.3820E+01	-0.1559E-05		
		0.5840E+01	-0.8483E-09		
		0.7860E+01	-0.6349E-13		
		0.8145E+01	-0.6321E-13		
		0.8429E+01	-0.6308E-13		
		0.8714E+01	-0.6304E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7208E+02	0.0000E+00
		0.1500E-02	-0.2073E-03		
		0.3063E+00	-0.1680E-03		
		0.6111E+00	-0.1303E-03		

		0.9159E+00	-0.9757E-04		
		0.1211E+01	-0.6365E-04		
		0.1505E+01	-0.3841E-04		
		0.1800E+01	-0.2084E-04		
		0.3820E+01	-0.1679E-06		
		0.5840E+01	-0.9329E-10		
		0.7860E+01	-0.3953E-13		
		0.8145E+01	-0.3968E-13		
		0.8429E+01	-0.3976E-13		
		0.8714E+01	-0.3979E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7669E+02	0.0000E+00
		0.1500E-02	-0.9636E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5618E-02		
		0.9159E+00	-0.4171E-02		
		0.1211E+01	-0.2745E-02		
		0.1505E+01	-0.1691E-02		
		0.1800E+01	-0.9451E-03		
		0.3820E+01	-0.1099E-04		
		0.5840E+01	-0.1221E-07		
		0.7860E+01	0.3498E-12		
		0.8145E+01	0.3649E-12		
		0.8429E+01	0.3726E-12		
		0.8714E+01	0.3749E-12		
.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7669E+02	0.0000E+00
		0.1500E-02	-0.5476E-02		
		0.3063E+00	-0.4235E-02		
		0.6111E+00	-0.3200E-02		
		0.9159E+00	-0.2378E-02		
		0.1211E+01	-0.1566E-02		
		0.1505E+01	-0.9650E-03		
		0.1800E+01	-0.5397E-03		
		0.3820E+01	-0.6291E-05		
		0.5840E+01	-0.6993E-08		
		0.7860E+01	0.1461E-12		
		0.8145E+01	0.1548E-12		
		0.8429E+01	0.1593E-12		
		0.8714E+01	0.1607E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7669E+02	0.0000E+00
		0.1500E-02	-0.2459E-02		
		0.3063E+00	-0.1908E-02		
		0.6111E+00	-0.1446E-02		
		0.9159E+00	-0.1076E-02		
		0.1211E+01	-0.7097E-03		
		0.1505E+01	-0.4378E-03		
		0.1800E+01	-0.2452E-03		
		0.3820E+01	-0.2871E-05		
		0.5840E+01	-0.3197E-08		
		0.7860E+01	0.3679E-14		
		0.8145E+01	0.7904E-14		
		0.8429E+01	0.1018E-13		
		0.8714E+01	0.1089E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7669E+02	0.0000E+00
		0.1500E-02	-0.2089E-03		
		0.3063E+00	-0.1720E-03		
		0.6111E+00	-0.1362E-03		
		0.9159E+00	-0.1043E-03		
		0.1211E+01	-0.7036E-04		
		0.1505E+01	-0.4420E-04		
		0.1800E+01	-0.2522E-04		
		0.3820E+01	-0.3161E-06		
		0.5840E+01	-0.3605E-09		
		0.7860E+01	-0.8405E-13		
		0.8145E+01	-0.8334E-13		
		0.8429E+01	-0.8284E-13		
		0.8714E+01	-0.8267E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8107E+02	0.0000E+00
		0.1500E-02	-0.9682E-02		
		0.3063E+00	-0.7558E-02		
		0.6111E+00	-0.5786E-02		
		0.9159E+00	-0.4369E-02		
		0.1211E+01	-0.2951E-02		
		0.1505E+01	-0.1875E-02		
		0.1800E+01	-0.1091E-02		
		0.3820E+01	-0.1810E-04		
		0.5840E+01	-0.3612E-07		
		0.7860E+01	0.2185E-11		
		0.8145E+01	0.2281E-11		
		0.8429E+01	0.2331E-11		
		0.8714E+01	0.2346E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8107E+02	0.0000E+00
		0.1500E-02	-0.5502E-02		
		0.3063E+00	-0.4301E-02		
		0.6111E+00	-0.3297E-02		
		0.9159E+00	-0.2492E-02		
		0.1211E+01	-0.1684E-02		
		0.1505E+01	-0.1070E-02		
		0.1800E+01	-0.6231E-03		
		0.3820E+01	-0.1036E-04		
		0.5840E+01	-0.2070E-07		
		0.7860E+01	0.7663E-12		
		0.8145E+01	0.8177E-12		
		0.8429E+01	0.8441E-12		
		0.8714E+01	0.8523E-12		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8107E+02	0.0000E+00
		0.1500E-02	-0.2471E-02		
		0.3063E+00	-0.1939E-02		
		0.6111E+00	-0.1490E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.7635E-03		
		0.1505E+01	-0.4860E-03		
		0.1800E+01	-0.2833E-03		
		0.3820E+01	-0.4738E-05		
		0.5840E+01	-0.9482E-08		
		0.7860E+01	0.3796E-12		

		0.8145E+01	0.4035E-12		
		0.8429E+01	0.4164E-12		
		0.8714E+01	0.4204E-12		
5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8107E+02	0.0000E+00
		0.1500E-02	-0.2103E-03		
		0.3063E+00	-0.1755E-03		
		0.6111E+00	-0.1413E-03		
		0.9159E+00	-0.1103E-03		
		0.1211E+01	-0.7649E-04		
		0.1505E+01	-0.4968E-04		
		0.1800E+01	-0.2957E-04		
		0.3820E+01	-0.5326E-06		
		0.5840E+01	-0.1095E-08		
		0.7860E+01	0.1720E-12		
		0.8145E+01	0.1766E-12		
		0.8429E+01	0.1799E-12		
		0.8714E+01	0.1810E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8527E+02	0.0000E+00
		0.1500E-02	-0.9721E-02		
		0.3063E+00	-0.7656E-02		
		0.6111E+00	-0.5931E-02		
		0.9159E+00	-0.4542E-02		
		0.1211E+01	-0.3134E-02		
		0.1505E+01	-0.2044E-02		
		0.1800E+01	-0.1229E-02		
		0.3820E+01	-0.2743E-04		
		0.5840E+01	-0.8920E-07		
		0.7860E+01	0.1730E-10		
		0.8145E+01	0.1778E-10		
		0.8429E+01	0.1803E-10		
		0.8714E+01	0.1811E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8527E+02	0.0000E+00
		0.1500E-02	-0.5525E-02		
		0.3063E+00	-0.4358E-02		
		0.6111E+00	-0.3380E-02		
		0.9159E+00	-0.2591E-02		
		0.1211E+01	-0.1789E-02		
		0.1505E+01	-0.1167E-02		
		0.1800E+01	-0.7025E-03		
		0.3820E+01	-0.1572E-04		
		0.5840E+01	-0.5117E-07		
		0.7860E+01	0.4960E-11		
		0.8145E+01	0.5207E-11		
		0.8429E+01	0.5335E-11		
		0.8714E+01	0.5375E-11		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8527E+02	0.0000E+00
		0.1500E-02	-0.2481E-02		
		0.3063E+00	-0.1964E-02		
		0.6111E+00	-0.1528E-02		
		0.9159E+00	-0.1174E-02		
		0.1211E+01	-0.8116E-03		
		0.1505E+01	-0.5304E-03		

		0.1800E+01	-0.3197E-03		
		0.3820E+01	-0.7195E-05		
		0.5840E+01	-0.2348E-07		
		0.7860E+01	0.1618E-11		
		0.8145E+01	0.1728E-11		
		0.8429E+01	0.1786E-11		
		0.8714E+01	0.1805E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8527E+02	0.0000E+00
		0.1500E-02	-0.2116E-03		
		0.3063E+00	-0.1786E-03		
		0.6111E+00	-0.1458E-03		
		0.9159E+00	-0.1156E-03		
		0.1211E+01	-0.8211E-04		
		0.1505E+01	-0.5486E-04		
		0.1800E+01	-0.3383E-04		
		0.3820E+01	-0.8253E-06		
		0.5840E+01	-0.2774E-08		
		0.7860E+01	0.8315E-12		
		0.8145E+01	0.8502E-12		
		0.8429E+01	0.8635E-12		
		0.8714E+01	0.8682E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8930E+02	0.0000E+00
		0.1500E-02	-0.9754E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6057E-02		
		0.9159E+00	-0.4694E-02		
		0.1211E+01	-0.3297E-02		
		0.1505E+01	-0.2198E-02		
		0.1800E+01	-0.1360E-02		
		0.3820E+01	-0.3899E-04		
		0.5840E+01	-0.1917E-06		
		0.7860E+01	0.1073E-09		
		0.8145E+01	0.1093E-09		
		0.8429E+01	0.1103E-09		
		0.8714E+01	0.1107E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8930E+02	0.0000E+00
		0.1500E-02	-0.5544E-02		
		0.3063E+00	-0.4406E-02		
		0.6111E+00	-0.3452E-02		
		0.9159E+00	-0.2678E-02		
		0.1211E+01	-0.1883E-02		
		0.1505E+01	-0.1256E-02		
		0.1800E+01	-0.7777E-03		
		0.3820E+01	-0.2236E-04		
		0.5840E+01	-0.1100E-06		
		0.7860E+01	0.3424E-10		
		0.8145E+01	0.3522E-10		
		0.8429E+01	0.3573E-10		
		0.8714E+01	0.3590E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8930E+02	0.0000E+00
		0.1500E-02	-0.2490E-02		
		0.3063E+00	-0.1987E-02		

		0.6111E+00	-0.1561E-02		
		0.9159E+00	-0.1214E-02		
		0.1211E+01	-0.8547E-03		
		0.1505E+01	-0.5712E-03		
		0.1800E+01	-0.3542E-03		
		0.3820E+01	-0.1025E-04		
		0.5840E+01	-0.5057E-07		
		0.7860E+01	0.1046E-10		
		0.8145E+01	0.1088E-10		
		0.8429E+01	0.1111E-10		
		0.8714E+01	0.1119E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8930E+02	0.0000E+00
		0.1500E-02	-0.2126E-03		
		0.3063E+00	-0.1813E-03		
		0.6111E+00	-0.1498E-03		
		0.9159E+00	-0.1204E-03		
		0.1211E+01	-0.8726E-04		
		0.1505E+01	-0.5973E-04		
		0.1800E+01	-0.3796E-04		
		0.3820E+01	-0.1198E-05		
		0.5840E+01	-0.6107E-08		
		0.7860E+01	0.3559E-11		
		0.8145E+01	0.3636E-11		
		0.8429E+01	0.3689E-11		
		0.8714E+01	0.3707E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9318E+02	0.0000E+00
		0.1500E-02	-0.9783E-02		
		0.3063E+00	-0.7814E-02		
		0.6111E+00	-0.6167E-02		
		0.9159E+00	-0.4828E-02		
		0.1211E+01	-0.3444E-02		
		0.1505E+01	-0.2340E-02		
		0.1800E+01	-0.1483E-02		
		0.3820E+01	-0.5269E-04		
		0.5840E+01	-0.3691E-06		
		0.7860E+01	0.5097E-09		
		0.8145E+01	0.5164E-09		
		0.8429E+01	0.5200E-09		
		0.8714E+01	0.5212E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9318E+02	0.0000E+00
		0.1500E-02	-0.5560E-02		
		0.3063E+00	-0.4449E-02		
		0.6111E+00	-0.3515E-02		
		0.9159E+00	-0.2755E-02		
		0.1211E+01	-0.1967E-02		
		0.1505E+01	-0.1337E-02		
		0.1800E+01	-0.8484E-03		
		0.3820E+01	-0.3023E-04		
		0.5840E+01	-0.2121E-06		
		0.7860E+01	0.1821E-09		
		0.8145E+01	0.1854E-09		
		0.8429E+01	0.1871E-09		
		0.8714E+01	0.1877E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9318E+02	0.0000E+00
		0.1500E-02	-0.2498E-02		
		0.3063E+00	-0.2006E-02		
		0.6111E+00	-0.1590E-02		
		0.9159E+00	-0.1249E-02		
		0.1211E+01	-0.8935E-03		
		0.1505E+01	-0.6087E-03		
		0.1800E+01	-0.3868E-03		
		0.3820E+01	-0.1388E-04		
		0.5840E+01	-0.9763E-07		
		0.7860E+01	0.6215E-10		
		0.8145E+01	0.6358E-10		
		0.8429E+01	0.6436E-10		
		0.8714E+01	0.6462E-10		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9318E+02	0.0000E+00
		0.1500E-02	-0.2136E-03		
		0.3063E+00	-0.1837E-03		
		0.6111E+00	-0.1534E-03		
		0.9159E+00	-0.1248E-03		
		0.1211E+01	-0.9201E-04		
		0.1505E+01	-0.6431E-04		
		0.1800E+01	-0.4196E-04		
		0.3820E+01	-0.1652E-05		
		0.5840E+01	-0.1204E-07		
		0.7860E+01	0.2085E-10		
		0.8145E+01	0.2115E-10		
		0.8429E+01	0.2135E-10		
		0.8714E+01	0.2142E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9693E+02	0.0000E+00
		0.1500E-02	-0.9808E-02		
		0.3063E+00	-0.7878E-02		
		0.6111E+00	-0.6263E-02		
		0.9159E+00	-0.4947E-02		
		0.1211E+01	-0.3576E-02		
		0.1505E+01	-0.2470E-02		
		0.1800E+01	-0.1599E-02		
		0.3820E+01	-0.6837E-04		
		0.5840E+01	-0.6510E-06		
		0.7860E+01	0.1962E-08		
		0.8145E+01	0.1982E-08		
		0.8429E+01	0.1993E-08		
		0.8714E+01	0.1997E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9693E+02	0.0000E+00
		0.1500E-02	-0.5575E-02		
		0.3063E+00	-0.4485E-02		
		0.6111E+00	-0.3571E-02		
		0.9159E+00	-0.2823E-02		
		0.1211E+01	-0.2043E-02		
		0.1505E+01	-0.1412E-02		
		0.1800E+01	-0.9148E-03		
		0.3820E+01	-0.3925E-04		
		0.5840E+01	-0.3743E-06		

		0.7860E+01	0.7660E-09		
		0.8145E+01	0.7757E-09		
		0.8429E+01	0.7811E-09		
		0.8714E+01	0.7829E-09		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9693E+02	0.0000E+00
		0.1500E-02	-0.2504E-02		
		0.3063E+00	-0.2023E-02		
		0.6111E+00	-0.1616E-02		
		0.9159E+00	-0.1280E-02		
		0.1211E+01	-0.9284E-03		
		0.1505E+01	-0.6431E-03		
		0.1800E+01	-0.4174E-03		
		0.3820E+01	-0.1805E-04		
		0.5840E+01	-0.1726E-06		
		0.7860E+01	0.2886E-09		
		0.8145E+01	0.2929E-09		
		0.8429E+01	0.2953E-09		
		0.8714E+01	0.2961E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9693E+02	0.0000E+00
		0.1500E-02	-0.2144E-03		
		0.3063E+00	-0.1859E-03		
		0.6111E+00	-0.1566E-03		
		0.9159E+00	-0.1288E-03		
		0.1211E+01	-0.9638E-04		
		0.1505E+01	-0.6861E-04		
		0.1800E+01	-0.4581E-04		
		0.3820E+01	-0.2186E-05		
		0.5840E+01	-0.2172E-07		
		0.7860E+01	0.1059E-09		
		0.8145E+01	0.1069E-09		
		0.8429E+01	0.1076E-09		
		0.8714E+01	0.1078E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1006E+03	0.0000E+00
		0.1500E-02	-0.9830E-02		
		0.3063E+00	-0.7934E-02		
		0.6111E+00	-0.6348E-02		
		0.9159E+00	-0.5052E-02		
		0.1211E+01	-0.3695E-02		
		0.1505E+01	-0.2589E-02		
		0.1800E+01	-0.1707E-02		
		0.3820E+01	-0.8582E-04		
		0.5840E+01	-0.1069E-05		
		0.7860E+01	0.6398E-08		
		0.8145E+01	0.6451E-08		
		0.8429E+01	0.6480E-08		
		0.8714E+01	0.6490E-08		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1006E+03	0.0000E+00
		0.1500E-02	-0.5587E-02		
		0.3063E+00	-0.4518E-02		
		0.6111E+00	-0.3620E-02		
		0.9159E+00	-0.2884E-02		
		0.1211E+01	-0.2111E-02		

		0.1505E+01	-0.1481E-02		
		0.1800E+01	-0.9770E-03		
		0.3820E+01	-0.4931E-04		
		0.5840E+01	-0.6149E-06		
		0.7860E+01	0.2684E-08		
		0.8145E+01	0.2710E-08		
		0.8429E+01	0.2725E-08		
		0.8714E+01	0.2730E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1006E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2038E-02		
		0.6111E+00	-0.1638E-02		
		0.9159E+00	-0.1309E-02		
		0.1211E+01	-0.9600E-03		
		0.1505E+01	-0.6747E-03		
		0.1800E+01	-0.4462E-03		
		0.3820E+01	-0.2270E-04		
		0.5840E+01	-0.2840E-06		
		0.7860E+01	0.1093E-08		
		0.8145E+01	0.1105E-08		
		0.8429E+01	0.1112E-08		
		0.8714E+01	0.1114E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1006E+03	0.0000E+00
		0.1500E-02	-0.2152E-03		
		0.3063E+00	-0.1878E-03		
		0.6111E+00	-0.1596E-03		
		0.9159E+00	-0.1324E-03		
		0.1211E+01	-0.1004E-03		
		0.1505E+01	-0.7265E-04		
		0.1800E+01	-0.4949E-04		
		0.3820E+01	-0.2796E-05		
		0.5840E+01	-0.3644E-07		
		0.7860E+01	0.4344E-09		
		0.8145E+01	0.4377E-09		
		0.8429E+01	0.4398E-09		
		0.8714E+01	0.4405E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1041E+03	0.0000E+00
		0.1500E-02	-0.9850E-02		
		0.3063E+00	-0.7984E-02		
		0.6111E+00	-0.6423E-02		
		0.9159E+00	-0.5146E-02		
		0.1211E+01	-0.3802E-02		
		0.1505E+01	-0.2698E-02		
		0.1800E+01	-0.1808E-02		
		0.3820E+01	-0.1048E-03		
		0.5840E+01	-0.1654E-05		
		0.7860E+01	0.1821E-07		
		0.8145E+01	0.1834E-07		
		0.8429E+01	0.1841E-07		
		0.8714E+01	0.1844E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1041E+03	0.0000E+00
		0.1500E-02	-0.5599E-02		

		0.3063E+00	-0.4546E-02		
		0.6111E+00	-0.3663E-02		
		0.9159E+00	-0.2938E-02		
		0.1211E+01	-0.2173E-02		
		0.1505E+01	-0.1543E-02		
		0.1800E+01	-0.1035E-02		
		0.3820E+01	-0.6026E-04		
		0.5840E+01	-0.9522E-06		
		0.7860E+01	0.8125E-08		
		0.8145E+01	0.8189E-08		
		0.8429E+01	0.8225E-08		
		0.8714E+01	0.8238E-08		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1041E+03	0.0000E+00
		0.1500E-02	-0.2516E-02		
		0.3063E+00	-0.2051E-02		
		0.6111E+00	-0.1659E-02		
		0.9159E+00	-0.1334E-02		
		0.1211E+01	-0.9887E-03		
		0.1505E+01	-0.7038E-03		
		0.1800E+01	-0.4731E-03		
		0.3820E+01	-0.2778E-04		
		0.5840E+01	-0.4406E-06		
		0.7860E+01	0.3530E-08		
		0.8145E+01	0.3559E-08		
		0.8429E+01	0.3576E-08		
		0.8714E+01	0.3582E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1041E+03	0.0000E+00
		0.1500E-02	-0.2159E-03		
		0.3063E+00	-0.1896E-03		
		0.6111E+00	-0.1622E-03		
		0.9159E+00	-0.1357E-03		
		0.1211E+01	-0.1042E-03		
		0.1505E+01	-0.7645E-04		
		0.1800E+01	-0.5303E-04		
		0.3820E+01	-0.3477E-05		
		0.5840E+01	-0.5758E-07		
		0.7860E+01	0.1498E-08		
		0.8145E+01	0.1508E-08		
		0.8429E+01	0.1514E-08		
		0.8714E+01	0.1516E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1075E+03	0.0000E+00
		0.1500E-02	-0.9867E-02		
		0.3063E+00	-0.8028E-02		
		0.6111E+00	-0.6491E-02		
		0.9159E+00	-0.5231E-02		
		0.1211E+01	-0.3900E-02		
		0.1505E+01	-0.2799E-02		
		0.1800E+01	-0.1902E-02		
		0.3820E+01	-0.1252E-03		
		0.5840E+01	-0.2436E-05		
		0.7860E+01	0.4630E-07		
		0.8145E+01	0.4658E-07		
		0.8429E+01	0.4674E-07		

		0.8714E+01	0.4680E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1075E+03	0.0000E+00
		0.1500E-02	-0.5609E-02		
		0.3063E+00	-0.4572E-02		
		0.6111E+00	-0.3702E-02		
		0.9159E+00	-0.2987E-02		
		0.1211E+01	-0.2229E-02		
		0.1505E+01	-0.1601E-02		
		0.1800E+01	-0.1090E-02		
		0.3820E+01	-0.7199E-04		
		0.5840E+01	-0.1404E-05		
		0.7860E+01	0.2180E-07		
		0.8145E+01	0.2194E-07		
		0.8429E+01	0.2203E-07		
		0.8714E+01	0.2206E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1075E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2063E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1356E-02		
		0.1211E+01	-0.1015E-02		
		0.1505E+01	-0.7306E-03		
		0.1800E+01	-0.4983E-03		
		0.3820E+01	-0.3323E-04		
		0.5840E+01	-0.6504E-06		
		0.7860E+01	0.1001E-07		
		0.8145E+01	0.1008E-07		
		0.8429E+01	0.1012E-07		
		0.8714E+01	0.1014E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1075E+03	0.0000E+00
		0.1500E-02	-0.2165E-03		
		0.3063E+00	-0.1912E-03		
		0.6111E+00	-0.1646E-03		
		0.9159E+00	-0.1387E-03		
		0.1211E+01	-0.1076E-03		
		0.1505E+01	-0.8002E-04		
		0.1800E+01	-0.5641E-04		
		0.3820E+01	-0.4223E-05		
		0.5840E+01	-0.8653E-07		
		0.7860E+01	0.4497E-08		
		0.8145E+01	0.4522E-08		
		0.8429E+01	0.4537E-08		
		0.8714E+01	0.4543E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1108E+03	0.0000E+00
		0.1500E-02	-0.9882E-02		
		0.3063E+00	-0.8068E-02		
		0.6111E+00	-0.6551E-02		
		0.9159E+00	-0.5307E-02		
		0.1211E+01	-0.3988E-02		
		0.1505E+01	-0.2891E-02		
		0.1800E+01	-0.1990E-02		
		0.3820E+01	-0.1466E-03		

		0.5840E+01	-0.3441E-05		
		0.7860E+01	0.1070E-06		
		0.8145E+01	0.1076E-06		
		0.8429E+01	0.1079E-06		
		0.8714E+01	0.1081E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1108E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4595E-02		
		0.6111E+00	-0.3737E-02		
		0.9159E+00	-0.3031E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1655E-02		
		0.1800E+01	-0.1140E-02		
		0.3820E+01	-0.8435E-04		
		0.5840E+01	-0.1984E-05		
		0.7860E+01	0.5285E-07		
		0.8145E+01	0.5315E-07		
		0.8429E+01	0.5333E-07		
		0.8714E+01	0.5339E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1108E+03	0.0000E+00
		0.1500E-02	-0.2524E-02		
		0.3063E+00	-0.2074E-02		
		0.6111E+00	-0.1693E-02		
		0.9159E+00	-0.1377E-02		
		0.1211E+01	-0.1038E-02		
		0.1505E+01	-0.7553E-03		
		0.1800E+01	-0.5219E-03		
		0.3820E+01	-0.3898E-04		
		0.5840E+01	-0.9210E-06		
		0.7860E+01	0.2550E-07		
		0.8145E+01	0.2565E-07		
		0.8429E+01	0.2573E-07		
		0.8714E+01	0.2577E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1108E+03	0.0000E+00
		0.1500E-02	-0.2171E-03		
		0.3063E+00	-0.1926E-03		
		0.6111E+00	-0.1669E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1109E-03		
		0.1505E+01	-0.8339E-04		
		0.1800E+01	-0.5963E-04		
		0.3820E+01	-0.5027E-05		
		0.5840E+01	-0.1247E-06		
		0.7860E+01	0.1204E-07		
		0.8145E+01	0.1210E-07		
		0.8429E+01	0.1213E-07		
		0.8714E+01	0.1215E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1141E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8103E-02		
		0.6111E+00	-0.6605E-02		
		0.9159E+00	-0.5376E-02		

		0.1211E+01	-0.4069E-02		
		0.1505E+01	-0.2976E-02		
		0.1800E+01	-0.2072E-02		
		0.3820E+01	-0.1688E-03		
		0.5840E+01	-0.4692E-05		
		0.7860E+01	0.2281E-06		
		0.8145E+01	0.2292E-06		
		0.8429E+01	0.2299E-06		
		0.8714E+01	0.2301E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1141E+03	0.0000E+00
		0.1500E-02	-0.5625E-02		
		0.3063E+00	-0.4615E-02		
		0.6111E+00	-0.3768E-02		
		0.9159E+00	-0.3070E-02		
		0.1211E+01	-0.2327E-02		
		0.1505E+01	-0.1704E-02		
		0.1800E+01	-0.1188E-02		
		0.3820E+01	-0.9721E-04		
		0.5840E+01	-0.2708E-05		
		0.7860E+01	0.1175E-06		
		0.8145E+01	0.1181E-06		
		0.8429E+01	0.1185E-06		
		0.8714E+01	0.1186E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1141E+03	0.0000E+00
		0.1500E-02	-0.2528E-02		
		0.3063E+00	-0.2083E-02		
		0.6111E+00	-0.1707E-02		
		0.9159E+00	-0.1395E-02		
		0.1211E+01	-0.1060E-02		
		0.1505E+01	-0.7781E-03		
		0.1800E+01	-0.5439E-03		
		0.3820E+01	-0.4498E-04		
		0.5840E+01	-0.1259E-05		
		0.7860E+01	0.5925E-07		
		0.8145E+01	0.5956E-07		
		0.8429E+01	0.5974E-07		
		0.8714E+01	0.5981E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1141E+03	0.0000E+00
		0.1500E-02	-0.2176E-03		
		0.3063E+00	-0.1940E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1441E-03		
		0.1211E+01	-0.1139E-03		
		0.1505E+01	-0.8656E-04		
		0.1800E+01	-0.6271E-04		
		0.3820E+01	-0.5883E-05		
		0.5840E+01	-0.1732E-06		
		0.7860E+01	0.2924E-07		
		0.8145E+01	0.2938E-07		
		0.8429E+01	0.2946E-07		
		0.8714E+01	0.2949E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1173E+03	0.0000E+00

		0.1500E-02	-0.9908E-02		
		0.3063E+00	-0.8135E-02		
		0.6111E+00	-0.6654E-02		
		0.9159E+00	-0.5438E-02		
		0.1211E+01	-0.4143E-02		
		0.1505E+01	-0.3054E-02		
		0.1800E+01	-0.2149E-02		
		0.3820E+01	-0.1917E-03		
		0.5840E+01	-0.6205E-05		
		0.7860E+01	0.4535E-06		
		0.8145E+01	0.4556E-06		
		0.8429E+01	0.4568E-06		
		0.8714E+01	0.4572E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1173E+03	0.0000E+00
		0.1500E-02	-0.5632E-02		
		0.3063E+00	-0.4633E-02		
		0.6111E+00	-0.3796E-02		
		0.9159E+00	-0.3106E-02		
		0.1211E+01	-0.2369E-02		
		0.1505E+01	-0.1749E-02		
		0.1800E+01	-0.1232E-02		
		0.3820E+01	-0.1105E-03		
		0.5840E+01	-0.3584E-05		
		0.7860E+01	0.2428E-06		
		0.8145E+01	0.2439E-06		
		0.8429E+01	0.2446E-06		
		0.8714E+01	0.2448E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1173E+03	0.0000E+00
		0.1500E-02	-0.2531E-02		
		0.3063E+00	-0.2092E-02		
		0.6111E+00	-0.1720E-02		
		0.9159E+00	-0.1412E-02		
		0.1211E+01	-0.1080E-02		
		0.1505E+01	-0.7992E-03		
		0.1800E+01	-0.5646E-03		
		0.3820E+01	-0.5118E-04		
		0.5840E+01	-0.1668E-05		
		0.7860E+01	0.1273E-06		
		0.8145E+01	0.1279E-06		
		0.8429E+01	0.1283E-06		
		0.8714E+01	0.1284E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1173E+03	0.0000E+00
		0.1500E-02	-0.2181E-03		
		0.3063E+00	-0.1952E-03		
		0.6111E+00	-0.1708E-03		
		0.9159E+00	-0.1464E-03		
		0.1211E+01	-0.1167E-03		
		0.1505E+01	-0.8955E-04		
		0.1800E+01	-0.6565E-04		
		0.3820E+01	-0.6785E-05		
		0.5840E+01	-0.2333E-06		
		0.7860E+01	0.6542E-07		
		0.8145E+01	0.6570E-07		
		0.8429E+01	0.6587E-07		
		0.8714E+01	0.6594E-07		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1204E+03	0.0000E+00
		0.1500E-02	-0.9920E-02		
		0.3063E+00	-0.8163E-02		
		0.6111E+00	-0.6698E-02		
		0.9159E+00	-0.5495E-02		
		0.1211E+01	-0.4210E-02		
		0.1505E+01	-0.3127E-02		
		0.1800E+01	-0.2220E-02		
		0.3820E+01	-0.2151E-03		
		0.5840E+01	-0.7992E-05		
		0.7860E+01	0.8489E-06		
		0.8145E+01	0.8524E-06		
		0.8429E+01	0.8546E-06		
		0.8714E+01	0.8553E-06		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1204E+03	0.0000E+00
		0.1500E-02	-0.5639E-02		
		0.3063E+00	-0.4650E-02		
		0.6111E+00	-0.3822E-02		
		0.9159E+00	-0.3139E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1791E-02		
		0.1800E+01	-0.1273E-02		
		0.3820E+01	-0.1240E-03		
		0.5840E+01	-0.4619E-05		
		0.7860E+01	0.4704E-06		
		0.8145E+01	0.4724E-06		
		0.8429E+01	0.4736E-06		
		0.8714E+01	0.4741E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1204E+03	0.0000E+00
		0.1500E-02	-0.2534E-02		
		0.3063E+00	-0.2099E-02		
		0.6111E+00	-0.1732E-02		
		0.9159E+00	-0.1427E-02		
		0.1211E+01	-0.1098E-02		
		0.1505E+01	-0.8188E-03		
		0.1800E+01	-0.5839E-03		
		0.3820E+01	-0.5752E-04		
		0.5840E+01	-0.2154E-05		
		0.7860E+01	0.2556E-06		
		0.8145E+01	0.2567E-06		
		0.8429E+01	0.2574E-06		
		0.8714E+01	0.2576E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1204E+03	0.0000E+00
		0.1500E-02	-0.2185E-03		
		0.3063E+00	-0.1963E-03		
		0.6111E+00	-0.1725E-03		
		0.9159E+00	-0.1487E-03		
		0.1211E+01	-0.1193E-03		
		0.1505E+01	-0.9237E-04		
		0.1800E+01	-0.6845E-04		
		0.3820E+01	-0.7725E-05		
		0.5840E+01	-0.3058E-06		
		0.7860E+01	0.1362E-06		
		0.8145E+01	0.1368E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.1371E-06		
		0.8714E+01	0.1372E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1234E+03	0.0000E+00
		0.1500E-02	-0.9930E-02		
		0.3063E+00	-0.8189E-02		
		0.6111E+00	-0.6738E-02		
		0.9159E+00	-0.5546E-02		
		0.1211E+01	-0.4272E-02		
		0.1505E+01	-0.3194E-02		
		0.1800E+01	-0.2287E-02		
		0.3820E+01	-0.2388E-03		
		0.5840E+01	-0.1006E-04		
		0.7860E+01	0.1507E-05		
		0.8145E+01	0.1513E-05		
		0.8429E+01	0.1517E-05		
		0.8714E+01	0.1518E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1234E+03	0.0000E+00
		0.1500E-02	-0.5645E-02		
		0.3063E+00	-0.4665E-02		
		0.6111E+00	-0.3845E-02		
		0.9159E+00	-0.3169E-02		
		0.1211E+01	-0.2444E-02		
		0.1505E+01	-0.1830E-02		
		0.1800E+01	-0.1312E-02		
		0.3820E+01	-0.1377E-03		
		0.5840E+01	-0.5819E-05		
		0.7860E+01	0.8619E-06		
		0.8145E+01	0.8653E-06		
		0.8429E+01	0.8674E-06		
		0.8714E+01	0.8682E-06		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1234E+03	0.0000E+00
		0.1500E-02	-0.2537E-02		
		0.3063E+00	-0.2107E-02		
		0.6111E+00	-0.1743E-02		
		0.9159E+00	-0.1441E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.8369E-03		
		0.1800E+01	-0.6020E-03		
		0.3820E+01	-0.6395E-04		
		0.5840E+01	-0.2717E-05		
		0.7860E+01	0.4837E-06		
		0.8145E+01	0.4857E-06		
		0.8429E+01	0.4869E-06		
		0.8714E+01	0.4873E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1234E+03	0.0000E+00
		0.1500E-02	-0.2189E-03		
		0.3063E+00	-0.1973E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1507E-03		
		0.1211E+01	-0.1218E-03		
		0.1505E+01	-0.9503E-04		
		0.1800E+01	-0.7112E-04		

		0.3820E+01	-0.8698E-05		
		0.5840E+01	-0.3915E-06		
		0.7860E+01	0.2666E-06		
		0.8145E+01	0.2676E-06		
		0.8429E+01	0.2682E-06		
		0.8714E+01	0.2685E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1264E+03	0.0000E+00
		0.1500E-02	-0.9939E-02		
		0.3063E+00	-0.8213E-02		
		0.6111E+00	-0.6775E-02		
		0.9159E+00	-0.5594E-02		
		0.1211E+01	-0.4329E-02		
		0.1505E+01	-0.3256E-02		
		0.1800E+01	-0.2349E-02		
		0.3820E+01	-0.2626E-03		
		0.5840E+01	-0.1241E-04		
		0.7860E+01	0.2556E-05		
		0.8145E+01	0.2566E-05		
		0.8429E+01	0.2571E-05		
		0.8714E+01	0.2574E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1264E+03	0.0000E+00
		0.1500E-02	-0.5650E-02		
		0.3063E+00	-0.4678E-02		
		0.6111E+00	-0.3866E-02		
		0.9159E+00	-0.3196E-02		
		0.1211E+01	-0.2477E-02		
		0.1505E+01	-0.1865E-02		
		0.1800E+01	-0.1348E-02		
		0.3820E+01	-0.1515E-03		
		0.5840E+01	-0.7183E-05		
		0.7860E+01	0.1504E-05		
		0.8145E+01	0.1510E-05		
		0.8429E+01	0.1513E-05		
		0.8714E+01	0.1514E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1264E+03	0.0000E+00
		0.1500E-02	-0.2539E-02		
		0.3063E+00	-0.2113E-02		
		0.6111E+00	-0.1753E-02		
		0.9159E+00	-0.1454E-02		
		0.1211E+01	-0.1130E-02		
		0.1505E+01	-0.8537E-03		
		0.1800E+01	-0.6189E-03		
		0.3820E+01	-0.7044E-04		
		0.5840E+01	-0.3359E-05		
		0.7860E+01	0.8694E-06		
		0.8145E+01	0.8727E-06		
		0.8429E+01	0.8747E-06		
		0.8714E+01	0.8754E-06		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1264E+03	0.0000E+00
		0.1500E-02	-0.2193E-03		
		0.3063E+00	-0.1983E-03		
		0.6111E+00	-0.1756E-03		

		0.9159E+00	-0.1526E-03		
		0.1211E+01	-0.1241E-03		
		0.1505E+01	-0.9754E-04		
		0.1800E+01	-0.7367E-04		
		0.3820E+01	-0.9697E-05		
		0.5840E+01	-0.4906E-06		
		0.7860E+01	0.4939E-06		
		0.8145E+01	0.4957E-06		
		0.8429E+01	0.4968E-06		
		0.8714E+01	0.4972E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1293E+03	0.0000E+00
		0.1500E-02	-0.9947E-02		
		0.3063E+00	-0.8234E-02		
		0.6111E+00	-0.6808E-02		
		0.9159E+00	-0.5637E-02		
		0.1211E+01	-0.4381E-02		
		0.1505E+01	-0.3313E-02		
		0.1800E+01	-0.2408E-02		
		0.3820E+01	-0.2864E-03		
		0.5840E+01	-0.1504E-04		
		0.7860E+01	0.4162E-05		
		0.8145E+01	0.4177E-05		
		0.8429E+01	0.4185E-05		
		0.8714E+01	0.4189E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1293E+03	0.0000E+00
		0.1500E-02	-0.5655E-02		
		0.3063E+00	-0.4691E-02		
		0.6111E+00	-0.3885E-02		
		0.9159E+00	-0.3222E-02		
		0.1211E+01	-0.2508E-02		
		0.1505E+01	-0.1899E-02		
		0.1800E+01	-0.1382E-02		
		0.3820E+01	-0.1654E-03		
		0.5840E+01	-0.8710E-05		
		0.7860E+01	0.2513E-05		
		0.8145E+01	0.2522E-05		
		0.8429E+01	0.2528E-05		
		0.8714E+01	0.2530E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1293E+03	0.0000E+00
		0.1500E-02	-0.2542E-02		
		0.3063E+00	-0.2119E-02		
		0.6111E+00	-0.1762E-02		
		0.9159E+00	-0.1466E-02		
		0.1211E+01	-0.1145E-02		
		0.1505E+01	-0.8694E-03		
		0.1800E+01	-0.6348E-03		
		0.3820E+01	-0.7696E-04		
		0.5840E+01	-0.4078E-05		
		0.7860E+01	0.1493E-05		
		0.8145E+01	0.1498E-05		
		0.8429E+01	0.1501E-05		
		0.8714E+01	0.1503E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1293E+03	0.0000E+00
		0.1500E-02	-0.2196E-03		
		0.3063E+00	-0.1992E-03		
		0.6111E+00	-0.1770E-03		
		0.9159E+00	-0.1544E-03		
		0.1211E+01	-0.1262E-03		
		0.1505E+01	-0.9992E-04		
		0.1800E+01	-0.7610E-04		
		0.3820E+01	-0.1072E-04		
		0.5840E+01	-0.6034E-06		
		0.7860E+01	0.8719E-06		
		0.8145E+01	0.8750E-06		
		0.8429E+01	0.8769E-06		
		0.8714E+01	0.8776E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1322E+03	0.0000E+00
		0.1500E-02	-0.9955E-02		
		0.3063E+00	-0.8254E-02		
		0.6111E+00	-0.6838E-02		
		0.9159E+00	-0.5676E-02		
		0.1211E+01	-0.4430E-02		
		0.1505E+01	-0.3366E-02		
		0.1800E+01	-0.2462E-02		
		0.3820E+01	-0.3101E-03		
		0.5840E+01	-0.1793E-04		
		0.7860E+01	0.6536E-05		
		0.8145E+01	0.6558E-05		
		0.8429E+01	0.6571E-05		
		0.8714E+01	0.6576E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1322E+03	0.0000E+00
		0.1500E-02	-0.5659E-02		
		0.3063E+00	-0.4702E-02		
		0.6111E+00	-0.3903E-02		
		0.9159E+00	-0.3245E-02		
		0.1211E+01	-0.2536E-02		
		0.1505E+01	-0.1930E-02		
		0.1800E+01	-0.1413E-02		
		0.3820E+01	-0.1792E-03		
		0.5840E+01	-0.1040E-04		
		0.7860E+01	0.4043E-05		
		0.8145E+01	0.4057E-05		
		0.8429E+01	0.4065E-05		
		0.8714E+01	0.4068E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1322E+03	0.0000E+00
		0.1500E-02	-0.2544E-02		
		0.3063E+00	-0.2124E-02		
		0.6111E+00	-0.1771E-02		
		0.9159E+00	-0.1477E-02		
		0.1211E+01	-0.1158E-02		
		0.1505E+01	-0.8839E-03		
		0.1800E+01	-0.6497E-03		
		0.3820E+01	-0.8346E-04		
		0.5840E+01	-0.4873E-05		
		0.7860E+01	0.2461E-05		

		0.8145E+01	0.2470E-05		
		0.8429E+01	0.2475E-05		
		0.8714E+01	0.2477E-05		
/1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1322E+03	0.0000E+00
		0.1500E-02	-0.2199E-03		
		0.3063E+00	-0.2000E-03		
		0.6111E+00	-0.1783E-03		
		0.9159E+00	-0.1561E-03		
		0.1211E+01	-0.1283E-03		
		0.1505E+01	-0.1022E-03		
		0.1800E+01	-0.7842E-04		
		0.3820E+01	-0.1175E-04		
		0.5840E+01	-0.7295E-06		
		0.7860E+01	0.1475E-05		
		0.8145E+01	0.1480E-05		
		0.8429E+01	0.1483E-05		
		0.8714E+01	0.1484E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1345E+03	0.0000E+00
		0.1500E-02	-0.9960E-02		
		0.3063E+00	-0.8268E-02		
		0.6111E+00	-0.6861E-02		
		0.9159E+00	-0.5706E-02		
		0.1211E+01	-0.4466E-02		
)		0.1505E+01	-0.3406E-02		
		0.1800E+01	-0.2503E-02		
		0.3820E+01	-0.3289E-03		
		0.5840E+01	-0.2044E-04		
		0.7860E+01	0.9162E-05		
		0.8145E+01	0.9191E-05		
		0.8429E+01	0.9209E-05		
		0.8714E+01	0.9216E-05		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1345E+03	0.0000E+00
		0.1500E-02	-0.5662E-02		
		0.3063E+00	-0.4710E-02		
		0.6111E+00	-0.3916E-02		
		0.9159E+00	-0.3262E-02		
		0.1211E+01	-0.2557E-02		
		0.1505E+01	-0.1953E-02		
		0.1800E+01	-0.1437E-02		
		0.3820E+01	-0.1901E-03		
		0.5840E+01	-0.1185E-04		
		0.7860E+01	0.5769E-05		
		0.8145E+01	0.5788E-05		
		0.8429E+01	0.5799E-05		
		0.8714E+01	0.5804E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1345E+03	0.0000E+00
)		0.1500E-02	-0.2545E-02		
		0.3063E+00	-0.2128E-02		
		0.6111E+00	-0.1777E-02		
		0.9159E+00	-0.1485E-02		
		0.1211E+01	-0.1168E-02		
		0.1505E+01	-0.8948E-03		

		0.1800E+01	-0.6609E-03		
		0.3820E+01	-0.8864E-04		
		0.5840E+01	-0.5561E-05		
		0.7860E+01	0.3578E-05		
		0.8145E+01	0.3590E-05		
		0.8429E+01	0.3597E-05		
		0.8714E+01	0.3600E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1345E+03	0.0000E+00
		0.1500E-02	-0.2202E-03		
		0.3063E+00	-0.2006E-03		
		0.6111E+00	-0.1792E-03		
		0.9159E+00	-0.1574E-03		
		0.1211E+01	-0.1298E-03		
		0.1505E+01	-0.1039E-03		
		0.1800E+01	-0.8020E-04		
		0.3820E+01	-0.1259E-04		
		0.5840E+01	-0.8392E-06		
		0.7860E+01	0.2185E-05		
		0.8145E+01	0.2192E-05		
		0.8429E+01	0.2197E-05		
		0.8714E+01	0.2198E-05		

N O T I C E

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*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*             ANALYSIS      COMPLETED            *
*                                                *
*           TIME     -       10:20:57            *
*           EXECUTION TIME    0: 1: 2            *
*                                                *
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CLR9

Compacted Clay Fill
Porosity = 0.28
(Site Maximum)

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*                                                       *
*                                                       *
*                    M I G R A T E v 9                  *
*                                                       *
*                      VERSION 9.0.7                    *
*                                                       *
*                   REVISION - 4/16/1996                *
*                                                       *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996     *
*                                                       *
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*                                                       *
*                                                       *
*                 RUN DATE -   15-11- 8                 *
*                 TIME     -   10:27: 5                 *
*                                                       *
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****
Clinton LF No. 3 (CWU) CLR9 (Clay Fill 0.28)
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SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.280	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.280	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.280	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6831E-03		
		0.9159E+00	-0.9385E-04		
		0.1211E+01	-0.9083E-05		
		0.1505E+01	-0.5330E-06		
		0.1800E+01	-0.2018E-07		
		0.3820E+01	-0.3144E-18		
		0.5840E+01	-0.2206E-23		
		0.7860E+01	-0.1312E-34		
		0.8145E+01	-0.6930E-34		
		0.8429E+01	-0.8314E-34		
		0.8714E+01	-0.8500E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3881E-03		
		0.9159E+00	-0.5333E-04		
		0.1211E+01	-0.5162E-05		

		0.1505E+01	-0.3029E-06		
		0.1800E+01	-0.1147E-07		
		0.3820E+01	-0.1692E-18		
		0.5840E+01	-0.1256E-23		
		0.7860E+01	-0.5846E-34		
		0.8145E+01	-0.8758E-34		
		0.8429E+01	-0.9368E-34		
		0.8714E+01	-0.9414E-34		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1742E-03		
		0.9159E+00	-0.2394E-04		
		0.1211E+01	-0.2318E-05		
		0.1505E+01	-0.1360E-06		
		0.1800E+01	-0.5151E-08		
		0.3820E+01	-0.6580E-19		
		0.5840E+01	-0.5672E-24		
		0.7860E+01	-0.4853E-34		
		0.8145E+01	-0.5962E-34		
		0.8429E+01	-0.6115E-34		
		0.8714E+01	-0.6096E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1471E-04		
		0.9159E+00	-0.2030E-05		
		0.1211E+01	-0.1970E-06		
		0.1505E+01	-0.1158E-07		
		0.1800E+01	-0.4390E-09		
		0.3820E+01	0.1036E-19		
		0.5840E+01	-0.5304E-25		
		0.7860E+01	-0.3664E-34		
		0.8145E+01	-0.3507E-34		
		0.8429E+01	-0.3362E-34		
		0.8714E+01	-0.3308E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8351E-02		
		0.3063E+00	-0.4448E-02		
		0.6111E+00	-0.1907E-02		
		0.9159E+00	-0.6061E-03		
		0.1211E+01	-0.1696E-03		
		0.1505E+01	-0.3739E-04		
		0.1800E+01	-0.6909E-05		
		0.3820E+01	-0.3603E-13		
		0.5840E+01	0.1282E-17		
		0.7860E+01	-0.8171E-25		
		0.8145E+01	0.1961E-24		
		0.8429E+01	0.3360E-24		
		0.8714E+01	0.3786E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2527E-02		
		0.6111E+00	-0.1084E-02		
		0.9159E+00	-0.3446E-03		
		0.1211E+01	-0.9646E-04		
		0.1505E+01	-0.2127E-04		
		0.1800E+01	-0.3929E-05		
		0.3820E+01	-0.2050E-13		
		0.5840E+01	0.7283E-18		
		0.7860E+01	-0.3674E-24		
		0.8145E+01	-0.2076E-24		
		0.8429E+01	-0.1257E-24		
		0.8714E+01	-0.1005E-24		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1135E-02		
		0.6111E+00	-0.4871E-03		
		0.9159E+00	-0.1549E-03		
		0.1211E+01	-0.4339E-04		
		0.1505E+01	-0.9568E-05		
		0.1800E+01	-0.1768E-05		
		0.3820E+01	-0.9234E-14		
		0.5840E+01	0.3270E-18		
		0.7860E+01	-0.2462E-24		
		0.8145E+01	-0.1719E-24		
		0.8429E+01	-0.1322E-24		
		0.8714E+01	-0.1198E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9645E-04		
		0.6111E+00	-0.4199E-04		
		0.9159E+00	-0.1348E-04		
		0.1211E+01	-0.3798E-05		
		0.1505E+01	-0.8410E-06		
		0.1800E+01	-0.1559E-06		
		0.3820E+01	-0.8285E-15		
		0.5840E+01	0.2770E-19		
		0.7860E+01	-0.6360E-25		
		0.8145E+01	-0.5218E-25		
		0.8429E+01	-0.4372E-25		
		0.8714E+01	-0.4071E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8761E-02		
		0.3063E+00	-0.5334E-02		
		0.6111E+00	-0.2809E-02		
		0.9159E+00	-0.1206E-02		
		0.1211E+01	-0.4873E-03		
		0.1505E+01	-0.1693E-03		
		0.1800E+01	-0.5340E-04		
		0.3820E+01	-0.1297E-09		
		0.5840E+01	0.1260E-15		
		0.7860E+01	-0.2008E-19		
		0.8145E+01	-0.1921E-19		
		0.8429E+01	-0.1880E-19		

		0.8714E+01	-0.1868E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4976E-02		
		0.3063E+00	-0.3032E-02		
		0.6111E+00	-0.1597E-02		
		0.9159E+00	-0.6859E-03		
		0.1211E+01	-0.2772E-03		
		0.1505E+01	-0.9637E-04		
		0.1800E+01	-0.3039E-04		
		0.3820E+01	-0.7382E-10		
		0.5840E+01	0.7145E-16		
		0.7860E+01	0.6663E-20		
		0.8145E+01	0.7335E-20		
		0.8429E+01	0.7679E-20		
		0.8714E+01	0.7786E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2232E-02		
		0.3063E+00	-0.1362E-02		
		0.6111E+00	-0.7186E-03		
		0.9159E+00	-0.3088E-03		
		0.1211E+01	-0.1249E-03		
		0.1505E+01	-0.4343E-04		
		0.1800E+01	-0.1370E-04		
		0.3820E+01	-0.3330E-10		
		0.5840E+01	0.3196E-16		
		0.7860E+01	0.4760E-20		
		0.8145E+01	0.5103E-20		
		0.8429E+01	0.5288E-20		
		0.8714E+01	0.5347E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1861E-03		
		0.3063E+00	-0.1171E-03		
		0.6111E+00	-0.6300E-04		
		0.9159E+00	-0.2746E-04		
		0.1211E+01	-0.1121E-04		
		0.1505E+01	-0.3924E-05		
		0.1800E+01	-0.1244E-05		
		0.3820E+01	-0.3065E-11		
		0.5840E+01	0.2517E-17		
		0.7860E+01	0.1833E-20		
		0.8145E+01	0.1894E-20		
		0.8429E+01	0.1937E-20		
		0.8714E+01	0.1953E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4397E+02	0.0000E+00
		0.1500E-02	-0.9008E-02		
		0.3063E+00	-0.5897E-02		
		0.6111E+00	-0.3460E-02		
		0.9159E+00	-0.1740E-02		
		0.1211E+01	-0.8494E-03		
		0.1505E+01	-0.3729E-03		
		0.1800E+01	-0.1538E-03		
		0.3820E+01	-0.7995E-08		

		0.5840E+01	-0.2359E-14		
		0.7860E+01	0.1090E-16		
		0.8145E+01	0.1099E-16		
		0.8429E+01	0.1105E-16		
		0.8714E+01	0.1107E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4397E+02	0.0000E+00
		0.1500E-02	-0.5117E-02		
		0.3063E+00	-0.3353E-02		
		0.6111E+00	-0.1968E-02		
		0.9159E+00	-0.9901E-03		
		0.1211E+01	-0.4836E-03		
		0.1505E+01	-0.2124E-03		
		0.1800E+01	-0.8762E-04		
		0.3820E+01	-0.4556E-08		
		0.5840E+01	-0.1346E-14		
		0.7860E+01	0.1527E-17		
		0.8145E+01	0.1571E-17		
		0.8429E+01	0.1596E-17		
		0.8714E+01	0.1605E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4397E+02	0.0000E+00
		0.1500E-02	-0.2296E-02		
		0.3063E+00	-0.1507E-02		
		0.6111E+00	-0.8862E-03		
		0.9159E+00	-0.4462E-03		
		0.1211E+01	-0.2181E-03		
		0.1505E+01	-0.9583E-04		
		0.1800E+01	-0.3955E-04		
		0.3820E+01	-0.2059E-08		
		0.5840E+01	-0.6100E-15		
		0.7860E+01	-0.1382E-17		
		0.8145E+01	-0.1373E-17		
		0.8429E+01	-0.1368E-17		
		0.8714E+01	-0.1367E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4397E+02	0.0000E+00
		0.1500E-02	-0.1921E-03		
		0.3063E+00	-0.1307E-03		
		0.6111E+00	-0.7880E-04		
		0.9159E+00	-0.4042E-04		
		0.1211E+01	-0.2000E-04		
		0.1505E+01	-0.8873E-05		
		0.1800E+01	-0.3687E-05		
		0.3820E+01	-0.1959E-09		
		0.5840E+01	-0.6092E-16		
		0.7860E+01	-0.1088E-17		
		0.8145E+01	-0.1092E-17		
		0.8429E+01	-0.1094E-17		
		0.8714E+01	-0.1095E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5063E+02	0.0000E+00
		0.1500E-02	-0.9173E-02		
		0.3063E+00	-0.6288E-02		
		0.6111E+00	-0.3947E-02		
		0.9159E+00	-0.2190E-02		

		0.1211E+01	-0.1201E-02		
		0.1505E+01	-0.6085E-03		
		0.1800E+01	-0.2950E-03		
		0.3820E+01	-0.9723E-07		
		0.5840E+01	-0.2395E-12		
		0.7860E+01	-0.3062E-15		
		0.8145E+01	-0.3081E-15		
		0.8429E+01	-0.3093E-15		
		0.8714E+01	-0.3097E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5063E+02	0.0000E+00
		0.1500E-02	-0.5211E-02		
		0.3063E+00	-0.3575E-02		
		0.6111E+00	-0.2246E-02		
		0.9159E+00	-0.1247E-02		
		0.1211E+01	-0.6842E-03		
		0.1505E+01	-0.3467E-03		
		0.1800E+01	-0.1681E-03		
		0.3820E+01	-0.5545E-07		
		0.5840E+01	-0.1366E-12		
		0.7860E+01	-0.8064E-16		
		0.8145E+01	-0.8194E-16		
		0.8429E+01	-0.8269E-16		
		0.8714E+01	-0.8295E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5063E+02	0.0000E+00
		0.1500E-02	-0.2339E-02		
		0.3063E+00	-0.1608E-02		
		0.6111E+00	-0.1012E-02		
		0.9159E+00	-0.5626E-03		
		0.1211E+01	-0.3090E-03		
		0.1505E+01	-0.1567E-03		
		0.1800E+01	-0.7600E-04		
		0.3820E+01	-0.2511E-07		
		0.5840E+01	-0.6189E-13		
		0.7860E+01	0.4077E-16		
		0.8145E+01	0.4041E-16		
		0.8429E+01	0.4021E-16		
		0.8714E+01	0.4014E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5063E+02	0.0000E+00
		0.1500E-02	-0.1963E-03		
		0.3063E+00	-0.1406E-03		
		0.6111E+00	-0.9109E-04		
		0.9159E+00	-0.5180E-04		
		0.1211E+01	-0.2889E-04		
		0.1505E+01	-0.1483E-04		
		0.1800E+01	-0.7256E-05		
		0.3820E+01	-0.2464E-08		
		0.5840E+01	-0.6119E-14		
		0.7860E+01	0.5126E-16		
		0.8145E+01	0.5139E-16		
		0.8429E+01	0.5146E-16		
		0.8714E+01	0.5149E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5675E+02	0.0000E+00

		0.1500E-02	-0.9293E-02		
		0.3063E+00	-0.6575E-02		
		0.6111E+00	-0.4324E-02		
		0.9159E+00	-0.2568E-02		
		0.1211E+01	-0.1524E-02		
		0.1505E+01	-0.8505E-03		
		0.1800E+01	-0.4591E-03		
		0.3820E+01	-0.5211E-06		
		0.5840E+01	-0.1055E-10		
		0.7860E+01	0.2380E-14		
		0.8145E+01	0.2395E-14		
		0.8429E+01	0.2405E-14		
		0.8714E+01	0.2408E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5675E+02	0.0000E+00
		0.1500E-02	-0.5280E-02		
		0.3063E+00	-0.3739E-02		
		0.6111E+00	-0.2461E-02		
		0.9159E+00	-0.1463E-02		
		0.1211E+01	-0.8686E-03		
		0.1505E+01	-0.4848E-03		
		0.1800E+01	-0.2618E-03		
		0.3820E+01	-0.2974E-06		
		0.5840E+01	-0.6022E-11		
		0.7860E+01	0.1746E-15		
		0.8145E+01	0.1837E-15		
		0.8429E+01	0.1891E-15		
		0.8714E+01	0.1910E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5675E+02	0.0000E+00
		0.1500E-02	-0.2370E-02		
		0.3063E+00	-0.1682E-02		
		0.6111E+00	-0.1109E-02		
		0.9159E+00	-0.6605E-03		
		0.1211E+01	-0.3926E-03		
		0.1505E+01	-0.2193E-03		
		0.1800E+01	-0.1185E-03		
		0.3820E+01	-0.1349E-06		
		0.5840E+01	-0.2734E-11		
		0.7860E+01	-0.8508E-15		
		0.8145E+01	-0.8497E-15		
		0.8429E+01	-0.8491E-15		
		0.8714E+01	-0.8490E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5675E+02	0.0000E+00
		0.1500E-02	-0.1994E-03		
		0.3063E+00	-0.1481E-03		
		0.6111E+00	-0.1010E-03		
		0.9159E+00	-0.6171E-04		
		0.1211E+01	-0.3737E-04		
		0.1505E+01	-0.2118E-04		
		0.1800E+01	-0.1156E-04		
		0.3820E+01	-0.1363E-07		
		0.5840E+01	-0.2789E-12		
		0.7860E+01	-0.7438E-15		
		0.8145E+01	-0.7465E-15		
		0.8429E+01	-0.7481E-15		
		0.8714E+01	-0.7487E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
^.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6246E+02	0.0000E+00
		0.1500E-02	-0.9384E-02		
		0.3063E+00	-0.6796E-02		
		0.6111E+00	-0.4624E-02		
		0.9159E+00	-0.2887E-02		
		0.1211E+01	-0.1815E-02		
		0.1505E+01	-0.1085E-02		
		0.1800E+01	-0.6325E-03		
		0.3820E+01	-0.1742E-05		
		0.5840E+01	-0.1561E-09		
		0.7860E+01	-0.1877E-14		
		0.8145E+01	-0.1925E-14		
		0.8429E+01	-0.1956E-14		
		0.8714E+01	-0.1966E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6246E+02	0.0000E+00
		0.1500E-02	-0.5332E-02		
		0.3063E+00	-0.3866E-02		
		0.6111E+00	-0.2633E-02		
		0.9159E+00	-0.1645E-02		
		0.1211E+01	-0.1034E-02		
		0.1505E+01	-0.6190E-03		
		0.1800E+01	-0.3609E-03		
		0.3820E+01	-0.9948E-06		
		0.5840E+01	-0.8919E-10		
		0.7860E+01	0.6756E-14		
)		0.8145E+01	0.6751E-14		
		0.8429E+01	0.6747E-14		
		0.8714E+01	0.6747E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6246E+02	0.0000E+00
		0.1500E-02	-0.2393E-02		
		0.3063E+00	-0.1740E-02		
		0.6111E+00	-0.1188E-02		
		0.9159E+00	-0.7434E-03		
		0.1211E+01	-0.4681E-03		
		0.1505E+01	-0.2804E-03		
		0.1800E+01	-0.1636E-03		
		0.3820E+01	-0.4522E-06		
		0.5840E+01	-0.4057E-10		
		0.7860E+01	0.7135E-14		
		0.8145E+01	0.7158E-14		
		0.8429E+01	0.7172E-14		
		0.8714E+01	0.7177E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6246E+02	0.0000E+00
		0.1500E-02	-0.2019E-03		
		0.3063E+00	-0.1541E-03		
		0.6111E+00	-0.1091E-03		
		0.9159E+00	-0.7039E-04		
		0.1211E+01	-0.4527E-04		
		0.1505E+01	-0.2757E-04		
		0.1800E+01	-0.1628E-04		
		0.3820E+01	-0.4693E-07		
		0.5840E+01	-0.4265E-11		
		0.7860E+01	0.3180E-14		
		0.8145E+01	0.3204E-14		

		0.8429E+01	0.3219E-14		
		0.8714E+01	0.3224E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6784E+02	0.0000E+00
		0.1500E-02	-0.9455E-02		
		0.3063E+00	-0.6972E-02		
		0.6111E+00	-0.4870E-02		
		0.9159E+00	-0.3159E-02		
		0.1211E+01	-0.2073E-02		
		0.1505E+01	-0.1307E-02		
		0.1800E+01	-0.8066E-03		
		0.3820E+01	-0.4323E-05		
		0.5840E+01	-0.1185E-08		
		0.7860E+01	-0.3969E-13		
		0.8145E+01	-0.3951E-13		
		0.8429E+01	-0.3943E-13		
		0.8714E+01	-0.3940E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6784E+02	0.0000E+00
		0.1500E-02	-0.5372E-02		
		0.3063E+00	-0.3966E-02		
		0.6111E+00	-0.2773E-02		
		0.9159E+00	-0.1800E-02		
		0.1211E+01	-0.1182E-02		
		0.1505E+01	-0.7457E-03		
		0.1800E+01	-0.4604E-03		
		0.3820E+01	-0.2471E-05		
		0.5840E+01	-0.6777E-09		
		0.7860E+01	-0.3335E-13		
		0.8145E+01	-0.3337E-13		
		0.8429E+01	-0.3339E-13		
		0.8714E+01	-0.3341E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6784E+02	0.0000E+00
		0.1500E-02	-0.2412E-02		
		0.3063E+00	-0.1786E-02		
		0.6111E+00	-0.1252E-02		
		0.9159E+00	-0.8142E-03		
		0.1211E+01	-0.5355E-03		
		0.1505E+01	-0.3381E-03		
		0.1800E+01	-0.2089E-03		
		0.3820E+01	-0.1125E-05		
		0.5840E+01	-0.3089E-09		
		0.7860E+01	-0.1022E-13		
		0.8145E+01	-0.1029E-13		
		0.8429E+01	-0.1034E-13		
		0.8714E+01	-0.1035E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6784E+02	0.0000E+00
		0.1500E-02	-0.2039E-03		
		0.3063E+00	-0.1591E-03		
		0.6111E+00	-0.1161E-03		
		0.9159E+00	-0.7804E-04		
		0.1211E+01	-0.5256E-04		
		0.1505E+01	-0.3381E-04		
		0.1800E+01	-0.2119E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.1198E-06		
		0.5840E+01	-0.3340E-10		
		0.7860E+01	0.8804E-14		
		0.8145E+01	0.8763E-14		
		0.8429E+01	0.8740E-14		
		0.8714E+01	0.8733E-14		
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7295E+02	0.0000E+00
		0.1500E-02	-0.9513E-02		
		0.3063E+00	-0.7115E-02		
		0.6111E+00	-0.5075E-02		
		0.9159E+00	-0.3393E-02		
		0.1211E+01	-0.2304E-02		
		0.1505E+01	-0.1512E-02		
		0.1800E+01	-0.9759E-03		
		0.3820E+01	-0.8788E-05		
		0.5840E+01	-0.5753E-08		
		0.7860E+01	0.7277E-13		
		0.8145E+01	0.7645E-13		
		0.8429E+01	0.7834E-13		
		0.8714E+01	0.7893E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7295E+02	0.0000E+00
		0.1500E-02	-0.5405E-02		
		0.3063E+00	-0.4048E-02		
		0.6111E+00	-0.2890E-02		
		0.9159E+00	-0.1934E-02		
		0.1211E+01	-0.1314E-02		
		0.1505E+01	-0.8634E-03		
		0.1800E+01	-0.5574E-03		
		0.3820E+01	-0.5027E-05		
		0.5840E+01	-0.3293E-08		
		0.7860E+01	-0.2466E-13		
		0.8145E+01	-0.2258E-13		
		0.8429E+01	-0.2150E-13		
		0.8714E+01	-0.2117E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7295E+02	0.0000E+00
		0.1500E-02	-0.2427E-02		
		0.3063E+00	-0.1823E-02		
		0.6111E+00	-0.1305E-02		
		0.9159E+00	-0.8752E-03		
		0.1211E+01	-0.5958E-03		
		0.1505E+01	-0.3919E-03		
		0.1800E+01	-0.2532E-03		
		0.3820E+01	-0.2293E-05		
		0.5840E+01	-0.1504E-08		
		0.7860E+01	-0.6952E-13		
		0.8145E+01	-0.6869E-13		
		0.8429E+01	-0.6826E-13		
		0.8714E+01	-0.6814E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7295E+02	0.0000E+00
		0.1500E-02	-0.2056E-03		
		0.3063E+00	-0.1632E-03		
		0.6111E+00	-0.1220E-03		

		0.9159E+00	-0.8484E-04		
		0.1211E+01	-0.5927E-04		
		0.1505E+01	-0.3980E-04		
		0.1800E+01	-0.2612E-04		
		0.3820E+01	-0.2501E-06		
		0.5840E+01	-0.1670E-09		
		0.7860E+01	-0.6087E-13		
		0.8145E+01	-0.6095E-13		
		0.8429E+01	-0.6098E-13		
		0.8714E+01	-0.6099E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7783E+02	0.0000E+00
		0.1500E-02	-0.9560E-02		
		0.3063E+00	-0.7235E-02		
		0.6111E+00	-0.5248E-02		
		0.9159E+00	-0.3595E-02		
		0.1211E+01	-0.2509E-02		
		0.1505E+01	-0.1702E-02		
		0.1800E+01	-0.1138E-02		
		0.3820E+01	-0.1552E-04		
		0.5840E+01	-0.2040E-07		
		0.7860E+01	0.5596E-12		
		0.8145E+01	0.5887E-12		
		0.8429E+01	0.6034E-12		
		0.8714E+01	0.6080E-12		
.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7783E+02	0.0000E+00
		0.1500E-02	-0.5433E-02		
		0.3063E+00	-0.4117E-02		
		0.6111E+00	-0.2990E-02		
		0.9159E+00	-0.2050E-02		
		0.1211E+01	-0.1432E-02		
		0.1505E+01	-0.9719E-03		
		0.1800E+01	-0.6501E-03		
		0.3820E+01	-0.8885E-05		
		0.5840E+01	-0.1169E-07		
		0.7860E+01	0.2485E-12		
		0.8145E+01	0.2649E-12		
		0.8429E+01	0.2733E-12		
		0.8714E+01	0.2759E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7783E+02	0.0000E+00
		0.1500E-02	-0.2439E-02		
		0.3063E+00	-0.1855E-02		
		0.6111E+00	-0.1351E-02		
		0.9159E+00	-0.9284E-03		
		0.1211E+01	-0.6496E-03		
		0.1505E+01	-0.4416E-03		
		0.1800E+01	-0.2957E-03		
		0.3820E+01	-0.4059E-05		
		0.5840E+01	-0.5347E-08		
		0.7860E+01	0.7495E-13		
		0.8145E+01	0.8289E-13		
		0.8429E+01	0.8714E-13		
		0.8714E+01	0.8849E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7783E+02	0.0000E+00
		0.1500E-02	-0.2070E-03		
		0.3063E+00	-0.1668E-03		
		0.6111E+00	-0.1272E-03		
		0.9159E+00	-0.9094E-04		
		0.1211E+01	-0.6545E-04		
		0.1505E+01	-0.4550E-04		
		0.1800E+01	-0.3099E-04		
		0.3820E+01	-0.4530E-06		
		0.5840E+01	-0.6091E-09		
		0.7860E+01	-0.5141E-13		
		0.8145E+01	-0.4992E-13		
		0.8429E+01	-0.4888E-13		
		0.8714E+01	-0.4852E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8252E+02	0.0000E+00
		0.1500E-02	-0.9600E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5397E-02		
		0.9159E+00	-0.3773E-02		
		0.1211E+01	-0.2693E-02		
		0.1505E+01	-0.1876E-02		
		0.1800E+01	-0.1290E-02		
		0.3820E+01	-0.2473E-04		
		0.5840E+01	-0.5750E-07		
		0.7860E+01	0.4274E-11		
		0.8145E+01	0.4453E-11		
		0.8429E+01	0.4545E-11		
		0.8714E+01	0.4574E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8252E+02	0.0000E+00
		0.1500E-02	-0.5456E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3075E-02		
		0.9159E+00	-0.2152E-02		
		0.1211E+01	-0.1537E-02		
		0.1505E+01	-0.1072E-02		
		0.1800E+01	-0.7377E-03		
		0.3820E+01	-0.1417E-04		
		0.5840E+01	-0.3297E-07		
		0.7860E+01	0.1275E-11		
		0.8145E+01	0.1370E-11		
		0.8429E+01	0.1418E-11		
		0.8714E+01	0.1434E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8252E+02	0.0000E+00
		0.1500E-02	-0.2450E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1390E-02		
		0.9159E+00	-0.9751E-03		
		0.1211E+01	-0.6979E-03		
		0.1505E+01	-0.4873E-03		
		0.1800E+01	-0.3359E-03		
		0.3820E+01	-0.6483E-05		
		0.5840E+01	-0.1511E-07		
		0.7860E+01	0.5567E-12		

		0.8145E+01	0.6000E-12		
		0.8429E+01	0.6230E-12		
		0.8714E+01	0.6303E-12		
5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8252E+02	0.0000E+00
		0.1500E-02	-0.2083E-03		
		0.3063E+00	-0.1700E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9645E-04		
		0.1211E+01	-0.7115E-04		
		0.1505E+01	-0.5089E-04		
		0.1800E+01	-0.3574E-04		
		0.3820E+01	-0.7393E-06		
		0.5840E+01	-0.1764E-08		
		0.7860E+01	0.3115E-12		
		0.8145E+01	0.3193E-12		
		0.8429E+01	0.3248E-12		
		0.8714E+01	0.3268E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8703E+02	0.0000E+00
		0.1500E-02	-0.9635E-02		
		0.3063E+00	-0.7423E-02		
		0.6111E+00	-0.5526E-02		
		0.9159E+00	-0.3929E-02		
		0.1211E+01	-0.2857E-02		
		0.1505E+01	-0.2034E-02		
		0.1800E+01	-0.1434E-02		
		0.3820E+01	-0.3647E-04		
		0.5840E+01	-0.1364E-06		
		0.7860E+01	0.3389E-10		
		0.8145E+01	0.3475E-10		
		0.8429E+01	0.3520E-10		
		0.8714E+01	0.3534E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8703E+02	0.0000E+00
		0.1500E-02	-0.5475E-02		
		0.3063E+00	-0.4225E-02		
		0.6111E+00	-0.3149E-02		
		0.9159E+00	-0.2242E-02		
		0.1211E+01	-0.1632E-02		
		0.1505E+01	-0.1163E-02		
		0.1800E+01	-0.8199E-03		
		0.3820E+01	-0.2091E-04		
		0.5840E+01	-0.7827E-07		
		0.7860E+01	0.9736E-11		
		0.8145E+01	0.1017E-10		
		0.8429E+01	0.1040E-10		
		0.8714E+01	0.1047E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8703E+02	0.0000E+00
		0.1500E-02	-0.2459E-02		
		0.3063E+00	-0.1904E-02		
		0.6111E+00	-0.1424E-02		
		0.9159E+00	-0.1016E-02		
		0.1211E+01	-0.7413E-03		
		0.1505E+01	-0.5292E-03		

		0.1800E+01	-0.3737E-03		
		0.3820E+01	-0.9581E-05		
		0.5840E+01	-0.3595E-07		
		0.7860E+01	0.2866E-11		
		0.8145E+01	0.3059E-11		
		0.8429E+01	0.3162E-11		
		0.8714E+01	0.3195E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8703E+02	0.0000E+00
		0.1500E-02	-0.2094E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1360E-03		
		0.9159E+00	-0.1015E-03		
		0.1211E+01	-0.7641E-04		
		0.1505E+01	-0.5598E-04		
		0.1800E+01	-0.4033E-04		
		0.3820E+01	-0.1115E-05		
		0.5840E+01	-0.4295E-08		
		0.7860E+01	0.1227E-11		
		0.8145E+01	0.1260E-11		
		0.8429E+01	0.1283E-11		
		0.8714E+01	0.1291E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9139E+02	0.0000E+00
		0.1500E-02	-0.9664E-02		
		0.3063E+00	-0.7498E-02		
		0.6111E+00	-0.5639E-02		
		0.9159E+00	-0.4067E-02		
		0.1211E+01	-0.3005E-02		
		0.1505E+01	-0.2180E-02		
		0.1800E+01	-0.1567E-02		
		0.3820E+01	-0.5064E-04		
		0.5840E+01	-0.2832E-06		
		0.7860E+01	0.1991E-09		
		0.8145E+01	0.2024E-09		
		0.8429E+01	0.2042E-09		
		0.8714E+01	0.2048E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9139E+02	0.0000E+00
		0.1500E-02	-0.5492E-02		
		0.3063E+00	-0.4268E-02		
		0.6111E+00	-0.3214E-02		
		0.9159E+00	-0.2321E-02		
		0.1211E+01	-0.1717E-02		
		0.1505E+01	-0.1246E-02		
		0.1800E+01	-0.8968E-03		
		0.3820E+01	-0.2905E-04		
		0.5840E+01	-0.1627E-06		
		0.7860E+01	0.6515E-10		
		0.8145E+01	0.6681E-10		
		0.8429E+01	0.6769E-10		
		0.8714E+01	0.6797E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9139E+02	0.0000E+00
		0.1500E-02	-0.2467E-02		
		0.3063E+00	-0.1924E-02		

		0.6111E+00	-0.1454E-02		
		0.9159E+00	-0.1053E-02		
		0.1211E+01	-0.7805E-03		
		0.1505E+01	-0.5677E-03		
		0.1800E+01	-0.4091E-03		
		0.3820E+01	-0.1334E-04		
		0.5840E+01	-0.7484E-07		
		0.7860E+01	0.2021E-10		
		0.8145E+01	0.2094E-10		
		0.8429E+01	0.2133E-10		
		0.8714E+01	0.2146E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9139E+02	0.0000E+00
		0.1500E-02	-0.2104E-03		
		0.3063E+00	-0.1753E-03		
		0.6111E+00	-0.1397E-03		
		0.9159E+00	-0.1060E-03		
		0.1211E+01	-0.8129E-04		
		0.1505E+01	-0.6078E-04		
		0.1800E+01	-0.4473E-04		
		0.3820E+01	-0.1583E-05		
		0.5840E+01	-0.9143E-08		
		0.7860E+01	0.6506E-11		
		0.8145E+01	0.6639E-11		
		0.8429E+01	0.6732E-11		
		0.8714E+01	0.6765E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9562E+02	0.0000E+00
		0.1500E-02	-0.9690E-02		
		0.3063E+00	-0.7564E-02		
		0.6111E+00	-0.5738E-02		
		0.9159E+00	-0.4191E-02		
		0.1211E+01	-0.3138E-02		
		0.1505E+01	-0.2313E-02		
		0.1800E+01	-0.1692E-02		
		0.3820E+01	-0.6708E-04		
		0.5840E+01	-0.5296E-06		
		0.7860E+01	0.9017E-09		
		0.8145E+01	0.9127E-09		
		0.8429E+01	0.9188E-09		
		0.8714E+01	0.9208E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9562E+02	0.0000E+00
		0.1500E-02	-0.5507E-02		
		0.3063E+00	-0.4306E-02		
		0.6111E+00	-0.3271E-02		
		0.9159E+00	-0.2392E-02		
		0.1211E+01	-0.1793E-02		
		0.1505E+01	-0.1323E-02		
		0.1800E+01	-0.9684E-03		
		0.3820E+01	-0.3851E-04		
		0.5840E+01	-0.3044E-06		
		0.7860E+01	0.3289E-09		
		0.8145E+01	0.3343E-09		
		0.8429E+01	0.3373E-09		
		0.8714E+01	0.3382E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9562E+02	0.0000E+00
		0.1500E-02	-0.2474E-02		
		0.3063E+00	-0.1942E-02		
		0.6111E+00	-0.1480E-02		
		0.9159E+00	-0.1086E-02		
		0.1211E+01	-0.8159E-03		
		0.1505E+01	-0.6031E-03		
		0.1800E+01	-0.4422E-03		
		0.3820E+01	-0.1770E-04		
		0.5840E+01	-0.1403E-06		
		0.7860E+01	0.1149E-09		
		0.8145E+01	0.1173E-09		
		0.8429E+01	0.1186E-09		
		0.8714E+01	0.1190E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9562E+02	0.0000E+00
		0.1500E-02	-0.2112E-03		
		0.3063E+00	-0.1775E-03		
		0.6111E+00	-0.1431E-03		
		0.9159E+00	-0.1102E-03		
		0.1211E+01	-0.8581E-04		
		0.1505E+01	-0.6529E-04		
		0.1800E+01	-0.4895E-04		
		0.3820E+01	-0.2141E-05		
		0.5840E+01	-0.1751E-07		
		0.7860E+01	0.3920E-10		
		0.8145E+01	0.3970E-10		
		0.8429E+01	0.4004E-10		
		0.8714E+01	0.4016E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9972E+02	0.0000E+00
		0.1500E-02	-0.9713E-02		
		0.3063E+00	-0.7622E-02		
		0.6111E+00	-0.5827E-02		
		0.9159E+00	-0.4301E-02		
		0.1211E+01	-0.3259E-02		
		0.1505E+01	-0.2435E-02		
		0.1800E+01	-0.1807E-02		
		0.3820E+01	-0.8555E-04		
		0.5840E+01	-0.9104E-06		
		0.7860E+01	0.3339E-08		
		0.8145E+01	0.3371E-08		
		0.8429E+01	0.3389E-08		
		0.8714E+01	0.3395E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9972E+02	0.0000E+00
		0.1500E-02	-0.5520E-02		
		0.3063E+00	-0.4339E-02		
		0.6111E+00	-0.3322E-02		
		0.9159E+00	-0.2456E-02		
		0.1211E+01	-0.1863E-02		
		0.1505E+01	-0.1393E-02		
		0.1800E+01	-0.1035E-02		
		0.3820E+01	-0.4915E-04		
		0.5840E+01	-0.5237E-06		

		0.7860E+01	0.1326E-08		
		0.8145E+01	0.1341E-08		
		0.8429E+01	0.1350E-08		
		0.8714E+01	0.1353E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9972E+02	0.0000E+00
		0.1500E-02	-0.2480E-02		
		0.3063E+00	-0.1957E-02		
		0.6111E+00	-0.1504E-02		
		0.9159E+00	-0.1115E-02		
		0.1211E+01	-0.8480E-03		
		0.1505E+01	-0.6356E-03		
		0.1800E+01	-0.4730E-03		
		0.3820E+01	-0.2262E-04		
		0.5840E+01	-0.2418E-06		
		0.7860E+01	0.5090E-09		
		0.8145E+01	0.5159E-09		
		0.8429E+01	0.5198E-09		
		0.8714E+01	0.5210E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9972E+02	0.0000E+00
		0.1500E-02	-0.2120E-03		
		0.3063E+00	-0.1795E-03		
		0.6111E+00	-0.1462E-03		
		0.9159E+00	-0.1141E-03		
		0.1211E+01	-0.9001E-04		
		0.1505E+01	-0.6954E-04		
		0.1800E+01	-0.5298E-04		
		0.3820E+01	-0.2785E-05		
		0.5840E+01	-0.3080E-07		
		0.7860E+01	0.1904E-09		
		0.8145E+01	0.1921E-09		
		0.8429E+01	0.1932E-09		
		0.8714E+01	0.1936E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1037E+03	0.0000E+00
		0.1500E-02	-0.9733E-02		
		0.3063E+00	-0.7674E-02		
		0.6111E+00	-0.5906E-02		
		0.9159E+00	-0.4401E-02		
		0.1211E+01	-0.3368E-02		
		0.1505E+01	-0.2547E-02		
		0.1800E+01	-0.1915E-02		
		0.3820E+01	-0.1058E-03		
		0.5840E+01	-0.1461E-05		
		0.7860E+01	0.1053E-07		
		0.8145E+01	0.1061E-07		
		0.8429E+01	0.1066E-07		
		0.8714E+01	0.1067E-07		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1037E+03	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4369E-02		
		0.6111E+00	-0.3368E-02		
		0.9159E+00	-0.2513E-02		
		0.1211E+01	-0.1926E-02		

		0.1505E+01	-0.1458E-02		
		0.1800E+01	-0.1097E-02		
		0.3820E+01	-0.6080E-04		
		0.5840E+01	-0.8413E-06		
		0.7860E+01	0.4484E-08		
		0.8145E+01	0.4525E-08		
		0.8429E+01	0.4548E-08		
		0.8714E+01	0.4556E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1037E+03	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1971E-02		
		0.6111E+00	-0.1525E-02		
		0.9159E+00	-0.1142E-02		
		0.1211E+01	-0.8773E-03		
		0.1505E+01	-0.6654E-03		
		0.1800E+01	-0.5016E-03		
		0.3820E+01	-0.2803E-04		
		0.5840E+01	-0.3890E-06		
		0.7860E+01	0.1855E-08		
		0.8145E+01	0.1874E-08		
		0.8429E+01	0.1884E-08		
		0.8714E+01	0.1888E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1037E+03	0.0000E+00
		0.1500E-02	-0.2128E-03		
		0.3063E+00	-0.1814E-03		
		0.6111E+00	-0.1490E-03		
		0.9159E+00	-0.1176E-03		
		0.1211E+01	-0.9393E-04		
		0.1505E+01	-0.7354E-04		
		0.1800E+01	-0.5682E-04		
		0.3820E+01	-0.3509E-05		
		0.5840E+01	-0.5054E-07		
		0.7860E+01	0.7491E-09		
		0.8145E+01	0.7545E-09		
		0.8429E+01	0.7579E-09		
		0.8714E+01	0.7591E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1076E+03	0.0000E+00
		0.1500E-02	-0.9751E-02		
		0.3063E+00	-0.7720E-02		
		0.6111E+00	-0.5977E-02		
		0.9159E+00	-0.4491E-02		
		0.1211E+01	-0.3468E-02		
		0.1505E+01	-0.2649E-02		
		0.1800E+01	-0.2014E-02		
		0.3820E+01	-0.1275E-03		
		0.5840E+01	-0.2217E-05		
		0.7860E+01	0.2911E-07		
		0.8145E+01	0.2931E-07		
		0.8429E+01	0.2942E-07		
		0.8714E+01	0.2946E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1076E+03	0.0000E+00
		0.1500E-02	-0.5542E-02		

		0.3063E+00	-0.4396E-02		
		0.6111E+00	-0.3409E-02		
		0.9159E+00	-0.2565E-02		
		0.1211E+01	-0.1983E-02		
		0.1505E+01	-0.1517E-02		
		0.1800E+01	-0.1154E-02		
		0.3820E+01	-0.7332E-04		
		0.5840E+01	-0.1277E-05		
		0.7860E+01	0.1317E-07		
		0.8145E+01	0.1327E-07		
		0.8429E+01	0.1332E-07		
		0.8714E+01	0.1334E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1076E+03	0.0000E+00
		0.1500E-02	-0.2490E-02		
		0.3063E+00	-0.1983E-02		
		0.6111E+00	-0.1544E-02		
		0.9159E+00	-0.1166E-02		
		0.1211E+01	-0.9040E-03		
		0.1505E+01	-0.6929E-03		
		0.1800E+01	-0.5283E-03		
		0.3820E+01	-0.3385E-04		
		0.5840E+01	-0.5916E-06		
		0.7860E+01	0.5800E-08		
		0.8145E+01	0.5846E-08		
		0.8429E+01	0.5872E-08		
		0.8714E+01	0.5881E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1076E+03	0.0000E+00
		0.1500E-02	-0.2134E-03		
		0.3063E+00	-0.1831E-03		
		0.6111E+00	-0.1516E-03		
		0.9159E+00	-0.1209E-03		
		0.1211E+01	-0.9758E-04		
		0.1505E+01	-0.7731E-04		
		0.1800E+01	-0.6048E-04		
		0.3820E+01	-0.4306E-05		
		0.5840E+01	-0.7831E-07		
		0.7860E+01	0.2496E-08		
		0.8145E+01	0.2511E-08		
		0.8429E+01	0.2521E-08		
		0.8714E+01	0.2524E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1114E+03	0.0000E+00
		0.1500E-02	-0.9768E-02		
		0.3063E+00	-0.7762E-02		
		0.6111E+00	-0.6040E-02		
		0.9159E+00	-0.4572E-02		
		0.1211E+01	-0.3559E-02		
		0.1505E+01	-0.2743E-02		
		0.1800E+01	-0.2107E-02		
		0.3820E+01	-0.1504E-03		
		0.5840E+01	-0.3207E-05		
		0.7860E+01	0.7212E-07		
		0.8145E+01	0.7255E-07		
		0.8429E+01	0.7279E-07		

		0.8714E+01	0.7288E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1114E+03	0.0000E+00
		0.1500E-02	-0.5552E-02		
		0.3063E+00	-0.4420E-02		
		0.6111E+00	-0.3446E-02		
		0.9159E+00	-0.2612E-02		
		0.1211E+01	-0.2036E-02		
		0.1505E+01	-0.1571E-02		
		0.1800E+01	-0.1208E-02		
		0.3820E+01	-0.8655E-04		
		0.5840E+01	-0.1849E-05		
		0.7860E+01	0.3439E-07		
		0.8145E+01	0.3461E-07		
		0.8429E+01	0.3474E-07		
		0.8714E+01	0.3478E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1114E+03	0.0000E+00
		0.1500E-02	-0.2494E-02		
		0.3063E+00	-0.1995E-02		
		0.6111E+00	-0.1561E-02		
		0.9159E+00	-0.1188E-02		
		0.1211E+01	-0.9283E-03		
		0.1505E+01	-0.7183E-03		
		0.1800E+01	-0.5532E-03		
		0.3820E+01	-0.4000E-04		
		0.5840E+01	-0.8580E-06		
		0.7860E+01	0.1600E-07		
		0.8145E+01	0.1610E-07		
		0.8429E+01	0.1617E-07		
		0.8714E+01	0.1619E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1114E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1540E-03		
		0.9159E+00	-0.1240E-03		
		0.1211E+01	-0.1010E-03		
		0.1505E+01	-0.8086E-04		
		0.1800E+01	-0.6397E-04		
		0.3820E+01	-0.5169E-05		
		0.5840E+01	-0.1157E-06		
		0.7860E+01	0.7277E-08		
		0.8145E+01	0.7316E-08		
		0.8429E+01	0.7340E-08		
		0.8714E+01	0.7349E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1151E+03	0.0000E+00
		0.1500E-02	-0.9782E-02		
		0.3063E+00	-0.7799E-02		
		0.6111E+00	-0.6098E-02		
		0.9159E+00	-0.4646E-02		
		0.1211E+01	-0.3641E-02		
		0.1505E+01	-0.2830E-02		
		0.1800E+01	-0.2193E-02		
		0.3820E+01	-0.1742E-03		

		0.5840E+01	-0.4460E-05		
		0.7860E+01	0.1629E-06		
		0.8145E+01	0.1638E-06		
		0.8429E+01	0.1643E-06		
		0.8714E+01	0.1644E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1151E+03	0.0000E+00
		0.1500E-02	-0.5560E-02		
		0.3063E+00	-0.4442E-02		
		0.6111E+00	-0.3479E-02		
		0.9159E+00	-0.2655E-02		
		0.1211E+01	-0.2084E-02		
		0.1505E+01	-0.1621E-02		
		0.1800E+01	-0.1257E-02		
		0.3820E+01	-0.1003E-03		
		0.5840E+01	-0.2573E-05		
		0.7860E+01	0.8140E-07		
		0.8145E+01	0.8186E-07		
		0.8429E+01	0.8213E-07		
		0.8714E+01	0.8222E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1151E+03	0.0000E+00
		0.1500E-02	-0.2498E-02		
		0.3063E+00	-0.2005E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1208E-02		
		0.1211E+01	-0.9507E-03		
		0.1505E+01	-0.7417E-03		
		0.1800E+01	-0.5763E-03		
		0.3820E+01	-0.4644E-04		
		0.5840E+01	-0.1196E-05		
		0.7860E+01	0.3975E-07		
		0.8145E+01	0.3997E-07		
		0.8429E+01	0.4010E-07		
		0.8714E+01	0.4015E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1151E+03	0.0000E+00
		0.1500E-02	-0.2146E-03		
		0.3063E+00	-0.1861E-03		
		0.6111E+00	-0.1562E-03		
		0.9159E+00	-0.1268E-03		
		0.1211E+01	-0.1042E-03		
		0.1505E+01	-0.8421E-04		
		0.1800E+01	-0.6728E-04		
		0.3820E+01	-0.6090E-05		
		0.5840E+01	-0.1640E-06		
		0.7860E+01	0.1898E-07		
		0.8145E+01	0.1908E-07		
		0.8429E+01	0.1913E-07		
		0.8714E+01	0.1916E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1187E+03	0.0000E+00
		0.1500E-02	-0.9795E-02		
		0.3063E+00	-0.7833E-02		
		0.6111E+00	-0.6150E-02		
		0.9159E+00	-0.4713E-02		

		0.1211E+01	-0.3717E-02		
		0.1505E+01	-0.2910E-02		
		0.1800E+01	-0.2272E-02		
		0.3820E+01	-0.1988E-03		
		0.5840E+01	-0.5994E-05		
		0.7860E+01	0.3401E-06		
		0.8145E+01	0.3417E-06		
		0.8429E+01	0.3427E-06		
		0.8714E+01	0.3430E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1187E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		
		0.3063E+00	-0.4461E-02		
		0.6111E+00	-0.3509E-02		
		0.9159E+00	-0.2694E-02		
		0.1211E+01	-0.2128E-02		
		0.1505E+01	-0.1668E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.1145E-03		
		0.5840E+01	-0.3461E-05		
		0.7860E+01	0.1772E-06		
		0.8145E+01	0.1781E-06		
		0.8429E+01	0.1786E-06		
		0.8714E+01	0.1788E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1187E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2014E-02		
		0.6111E+00	-0.1591E-02		
		0.9159E+00	-0.1226E-02		
		0.1211E+01	-0.9712E-03		
		0.1505E+01	-0.7633E-03		
		0.1800E+01	-0.5979E-03		
		0.3820E+01	-0.5308E-04		
		0.5840E+01	-0.1611E-05		
		0.7860E+01	0.9033E-07		
		0.8145E+01	0.9079E-07		
		0.8429E+01	0.9106E-07		
		0.8714E+01	0.9116E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1187E+03	0.0000E+00
		0.1500E-02	-0.2151E-03		
		0.3063E+00	-0.1874E-03		
		0.6111E+00	-0.1583E-03		
		0.9159E+00	-0.1295E-03		
		0.1211E+01	-0.1072E-03		
		0.1505E+01	-0.8737E-04		
		0.1800E+01	-0.7043E-04		
		0.3820E+01	-0.7061E-05		
		0.5840E+01	-0.2247E-06		
		0.7860E+01	0.4509E-07		
		0.8145E+01	0.4529E-07		
		0.8429E+01	0.4542E-07		
		0.8714E+01	0.4546E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1222E+03	0.0000E+00

		0.1500E-02	-0.9807E-02		
		0.3063E+00	-0.7864E-02		
		0.6111E+00	-0.6198E-02		
		0.9159E+00	-0.4775E-02		
		0.1211E+01	-0.3787E-02		
		0.1505E+01	-0.2984E-02		
		0.1800E+01	-0.2346E-02		
		0.3820E+01	-0.2238E-03		
		0.5840E+01	-0.7825E-05		
		0.7860E+01	0.6635E-06		
		0.8145E+01	0.6665E-06		
		0.8429E+01	0.6682E-06		
		0.8714E+01	0.6688E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1222E+03	0.0000E+00
		0.1500E-02	-0.5575E-02		
		0.3063E+00	-0.4479E-02		
		0.6111E+00	-0.3537E-02		
		0.9159E+00	-0.2730E-02		
		0.1211E+01	-0.2168E-02		
		0.1505E+01	-0.1710E-02		
		0.1800E+01	-0.1346E-02		
		0.3820E+01	-0.1290E-03		
		0.5840E+01	-0.4522E-05		
		0.7860E+01	0.3590E-06		
		0.8145E+01	0.3606E-06		
		0.8429E+01	0.3616E-06		
		0.8714E+01	0.3619E-06		
)1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1222E+03	0.0000E+00
		0.1500E-02	-0.2505E-02		
		0.3063E+00	-0.2022E-02		
		0.6111E+00	-0.1604E-02		
		0.9159E+00	-0.1243E-02		
		0.1211E+01	-0.9901E-03		
		0.1505E+01	-0.7833E-03		
		0.1800E+01	-0.6180E-03		
		0.3820E+01	-0.5987E-04		
		0.5840E+01	-0.2108E-05		
		0.7860E+01	0.1902E-06		
		0.8145E+01	0.1911E-06		
		0.8429E+01	0.1916E-06		
		0.8714E+01	0.1918E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1222E+03	0.0000E+00
		0.1500E-02	-0.2156E-03		
		0.3063E+00	-0.1887E-03		
		0.6111E+00	-0.1602E-03		
		0.9159E+00	-0.1320E-03		
		0.1211E+01	-0.1100E-03		
		0.1505E+01	-0.9035E-04		
		0.1800E+01	-0.7343E-04		
		0.3820E+01	-0.8074E-05		
		0.5840E+01	-0.2988E-06		
		0.7860E+01	0.9880E-07		
		0.8145E+01	0.9922E-07		
		0.8429E+01	0.9947E-07		
		0.8714E+01	0.9957E-07		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1257E+03	0.0000E+00
		0.1500E-02	-0.9818E-02		
		0.3063E+00	-0.7892E-02		
		0.6111E+00	-0.6241E-02		
		0.9159E+00	-0.4831E-02		
		0.1211E+01	-0.3851E-02		
		0.1505E+01	-0.3052E-02		
		0.1800E+01	-0.2415E-02		
		0.3820E+01	-0.2491E-03		
		0.5840E+01	-0.9960E-05		
		0.7860E+01	0.1221E-05		
		0.8145E+01	0.1226E-05		
		0.8429E+01	0.1229E-05		
		0.8714E+01	0.1230E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1257E+03	0.0000E+00
		0.1500E-02	-0.5581E-02		
		0.3063E+00	-0.4495E-02		
		0.6111E+00	-0.3562E-02		
		0.9159E+00	-0.2762E-02		
		0.1211E+01	-0.2205E-02		
		0.1505E+01	-0.1750E-02		
		0.1800E+01	-0.1386E-02		
		0.3820E+01	-0.1437E-03		
		0.5840E+01	-0.5761E-05		
		0.7860E+01	0.6833E-06		
		0.8145E+01	0.6862E-06		
		0.8429E+01	0.6879E-06		
		0.8714E+01	0.6885E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1257E+03	0.0000E+00
		0.1500E-02	-0.2508E-02		
		0.3063E+00	-0.2030E-02		
		0.6111E+00	-0.1615E-02		
		0.9159E+00	-0.1258E-02		
		0.1211E+01	-0.1008E-02		
		0.1505E+01	-0.8019E-03		
		0.1800E+01	-0.6367E-03		
		0.3820E+01	-0.6676E-04		
		0.5840E+01	-0.2689E-05		
		0.7860E+01	0.3750E-06		
		0.8145E+01	0.3766E-06		
		0.8429E+01	0.3776E-06		
		0.8714E+01	0.3779E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1257E+03	0.0000E+00
		0.1500E-02	-0.2160E-03		
		0.3063E+00	-0.1898E-03		
		0.6111E+00	-0.1620E-03		
		0.9159E+00	-0.1343E-03		
		0.1211E+01	-0.1127E-03		
		0.1505E+01	-0.9317E-04		
		0.1800E+01	-0.7628E-04		
		0.3820E+01	-0.9122E-05		
		0.5840E+01	-0.3871E-06		
		0.7860E+01	0.2019E-06		
		0.8145E+01	0.2027E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.2032E-06		
		0.8714E+01	0.2034E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1291E+03	0.0000E+00
		0.1500E-02	-0.9828E-02		
		0.3063E+00	-0.7917E-02		
		0.6111E+00	-0.6281E-02		
		0.9159E+00	-0.4883E-02		
		0.1211E+01	-0.3910E-02		
		0.1505E+01	-0.3115E-02		
		0.1800E+01	-0.2479E-02		
		0.3820E+01	-0.2745E-03		
		0.5840E+01	-0.1240E-04		
		0.7860E+01	0.2134E-05		
		0.8145E+01	0.2143E-05		
		0.8429E+01	0.2148E-05		
		0.8714E+01	0.2149E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1291E+03	0.0000E+00
		0.1500E-02	-0.5587E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3585E-02		
		0.9159E+00	-0.2792E-02		
		0.1211E+01	-0.2239E-02		
		0.1505E+01	-0.1786E-02		
		0.1800E+01	-0.1423E-02		
		0.3820E+01	-0.1585E-03		
		0.5840E+01	-0.7178E-05		
		0.7860E+01	0.1232E-05		
		0.8145E+01	0.1237E-05		
		0.8429E+01	0.1240E-05		
		0.8714E+01	0.1241E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1291E+03	0.0000E+00
		0.1500E-02	-0.2511E-02		
		0.3063E+00	-0.2037E-02		
		0.6111E+00	-0.1626E-02		
		0.9159E+00	-0.1272E-02		
		0.1211E+01	-0.1024E-02		
		0.1505E+01	-0.8191E-03		
		0.1800E+01	-0.6542E-03		
		0.3820E+01	-0.7371E-04		
		0.5840E+01	-0.3356E-05		
		0.7860E+01	0.6981E-06		
		0.8145E+01	0.7009E-06		
		0.8429E+01	0.7025E-06		
		0.8714E+01	0.7032E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1291E+03	0.0000E+00
		0.1500E-02	-0.2164E-03		
		0.3063E+00	-0.1909E-03		
		0.6111E+00	-0.1637E-03		
		0.9159E+00	-0.1365E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9584E-04		
		0.1800E+01	-0.7899E-04		

		0.3820E+01	-0.1020E-04		
		0.5840E+01	-0.4903E-06		
		0.7860E+01	0.3884E-06		
		0.8145E+01	0.3899E-06		
		0.8429E+01	0.3908E-06		
		0.8714E+01	0.3911E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9837E-02		
		0.3063E+00	-0.7940E-02		
		0.6111E+00	-0.6318E-02		
		0.9159E+00	-0.4930E-02		
		0.1211E+01	-0.3964E-02		
		0.1505E+01	-0.3173E-02		
		0.1800E+01	-0.2539E-02		
		0.3820E+01	-0.3000E-03		
		0.5840E+01	-0.1515E-04		
		0.7860E+01	0.3568E-05		
		0.8145E+01	0.3581E-05		
		0.8429E+01	0.3589E-05		
		0.8714E+01	0.3592E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5592E-02		
		0.3063E+00	-0.4523E-02		
		0.6111E+00	-0.3606E-02		
		0.9159E+00	-0.2820E-02		
		0.1211E+01	-0.2271E-02		
		0.1505E+01	-0.1820E-02		
		0.1800E+01	-0.1458E-02		
		0.3820E+01	-0.1733E-03		
		0.5840E+01	-0.8774E-05		
		0.7860E+01	0.2118E-05		
		0.8145E+01	0.2126E-05		
		0.8429E+01	0.2131E-05		
		0.8714E+01	0.2132E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2513E-02		
		0.3063E+00	-0.2043E-02		
		0.6111E+00	-0.1636E-02		
		0.9159E+00	-0.1285E-02		
		0.1211E+01	-0.1039E-02		
		0.1505E+01	-0.8350E-03		
		0.1800E+01	-0.6705E-03		
		0.3820E+01	-0.8067E-04		
		0.5840E+01	-0.4108E-05		
		0.7860E+01	0.1236E-05		
		0.8145E+01	0.1240E-05		
		0.8429E+01	0.1243E-05		
		0.8714E+01	0.1244E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1919E-03		
		0.6111E+00	-0.1653E-03		

		0.9159E+00	-0.1386E-03		
		0.1211E+01	-0.1175E-03		
		0.1505E+01	-0.9836E-04		
		0.1800E+01	-0.8156E-04		
		0.3820E+01	-0.1130E-04		
		0.5840E+01	-0.6084E-06		
		0.7860E+01	0.7084E-06		
		0.8145E+01	0.7109E-06		
		0.8429E+01	0.7125E-06		
		0.8714E+01	0.7131E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1357E+03	0.0000E+00
		0.1500E-02	-0.9845E-02		
		0.3063E+00	-0.7962E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.4974E-02		
		0.1211E+01	-0.4014E-02		
		0.1505E+01	-0.3228E-02		
		0.1800E+01	-0.2594E-02		
		0.3820E+01	-0.3252E-03		
		0.5840E+01	-0.1819E-04		
		0.7860E+01	0.5733E-05		
		0.8145E+01	0.5753E-05		
		0.8429E+01	0.5765E-05		
		0.8714E+01	0.5769E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1357E+03	0.0000E+00
		0.1500E-02	-0.5597E-02		
		0.3063E+00	-0.4536E-02		
		0.6111E+00	-0.3626E-02		
		0.9159E+00	-0.2845E-02		
		0.1211E+01	-0.2300E-02		
		0.1505E+01	-0.1852E-02		
		0.1800E+01	-0.1490E-02		
		0.3820E+01	-0.1879E-03		
		0.5840E+01	-0.1054E-04		
		0.7860E+01	0.3492E-05		
		0.8145E+01	0.3504E-05		
		0.8429E+01	0.3512E-05		
		0.8714E+01	0.3514E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1357E+03	0.0000E+00
		0.1500E-02	-0.2516E-02		
		0.3063E+00	-0.2049E-02		
		0.6111E+00	-0.1645E-02		
		0.9159E+00	-0.1297E-02		
		0.1211E+01	-0.1052E-02		
		0.1505E+01	-0.8499E-03		
		0.1800E+01	-0.6858E-03		
		0.3820E+01	-0.8761E-04		
		0.5840E+01	-0.4943E-05		
		0.7860E+01	0.2092E-05		
		0.8145E+01	0.2099E-05		
		0.8429E+01	0.2104E-05		
		0.8714E+01	0.2106E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1357E+03	0.0000E+00
		0.1500E-02	-0.2172E-03		
		0.3063E+00	-0.1928E-03		
		0.6111E+00	-0.1668E-03		
		0.9159E+00	-0.1405E-03		
		0.1211E+01	-0.1197E-03		
		0.1505E+01	-0.1008E-03		
		0.1800E+01	-0.8402E-04		
		0.3820E+01	-0.1241E-04		
		0.5840E+01	-0.7413E-06		
		0.7860E+01	0.1233E-05		
		0.8145E+01	0.1237E-05		
		0.8429E+01	0.1240E-05		
		0.8714E+01	0.1240E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1390E+03	0.0000E+00
		0.1500E-02	-0.9853E-02		
		0.3063E+00	-0.7981E-02		
		0.6111E+00	-0.6382E-02		
		0.9159E+00	-0.5015E-02		
		0.1211E+01	-0.4061E-02		
		0.1505E+01	-0.3278E-02		
		0.1800E+01	-0.2646E-02		
		0.3820E+01	-0.3502E-03		
		0.5840E+01	-0.2151E-04		
		0.7860E+01	0.8894E-05		
		0.8145E+01	0.8924E-05		
		0.8429E+01	0.8941E-05		
		0.8714E+01	0.8948E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1390E+03	0.0000E+00
		0.1500E-02	-0.5601E-02		
		0.3063E+00	-0.4547E-02		
		0.6111E+00	-0.3644E-02		
		0.9159E+00	-0.2869E-02		
		0.1211E+01	-0.2327E-02		
		0.1505E+01	-0.1881E-02		
		0.1800E+01	-0.1520E-02		
		0.3820E+01	-0.2025E-03		
		0.5840E+01	-0.1247E-04		
		0.7860E+01	0.5547E-05		
		0.8145E+01	0.5565E-05		
		0.8429E+01	0.5577E-05		
		0.8714E+01	0.5581E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1390E+03	0.0000E+00
		0.1500E-02	-0.2518E-02		
		0.3063E+00	-0.2054E-02		
		0.6111E+00	-0.1654E-02		
		0.9159E+00	-0.1308E-02		
		0.1211E+01	-0.1065E-02		
		0.1505E+01	-0.8638E-03		
		0.1800E+01	-0.7001E-03		
		0.3820E+01	-0.9449E-04		
		0.5840E+01	-0.5856E-05		
		0.7860E+01	0.3405E-05		

		0.8145E+01	0.3417E-05		
		0.8429E+01	0.3424E-05		
		0.8714E+01	0.3426E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1390E+03	0.0000E+00
		0.1500E-02	-0.2175E-03		
		0.3063E+00	-0.1937E-03		
		0.6111E+00	-0.1681E-03		
		0.9159E+00	-0.1423E-03		
		0.1211E+01	-0.1218E-03		
		0.1505E+01	-0.1030E-03		
		0.1800E+01	-0.8635E-04		
		0.3820E+01	-0.1354E-04		
		0.5840E+01	-0.8882E-06		
		0.7860E+01	0.2058E-05		
		0.8145E+01	0.2064E-05		
		0.8429E+01	0.2069E-05		
		0.8714E+01	0.2070E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1415E+03	0.0000E+00
		0.1500E-02	-0.9858E-02		
		0.3063E+00	-0.7996E-02		
		0.6111E+00	-0.6405E-02		
		0.9159E+00	-0.5045E-02		
		0.1211E+01	-0.4095E-02		
		0.1505E+01	-0.3315E-02		
		0.1800E+01	-0.2685E-02		
		0.3820E+01	-0.3700E-03		
		0.5840E+01	-0.2435E-04		
		0.7860E+01	0.1236E-04		
		0.8145E+01	0.1239E-04		
		0.8429E+01	0.1242E-04		
		0.8714E+01	0.1243E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1415E+03	0.0000E+00
		0.1500E-02	-0.5604E-02		
		0.3063E+00	-0.4556E-02		
		0.6111E+00	-0.3657E-02		
		0.9159E+00	-0.2886E-02		
		0.1211E+01	-0.2347E-02		
		0.1505E+01	-0.1903E-02		
		0.1800E+01	-0.1543E-02		
		0.3820E+01	-0.2140E-03		
		0.5840E+01	-0.1413E-04		
		0.7860E+01	0.7841E-05		
		0.8145E+01	0.7867E-05		
		0.8429E+01	0.7882E-05		
		0.8714E+01	0.7888E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1415E+03	0.0000E+00
		0.1500E-02	-0.2519E-02		
		0.3063E+00	-0.2058E-02		
		0.6111E+00	-0.1660E-02		
		0.9159E+00	-0.1317E-02		
		0.1211E+01	-0.1075E-02		
		0.1505E+01	-0.8741E-03		

		0.1800E+01	-0.7108E-03		
		0.3820E+01	-0.9995E-04		
		0.5840E+01	-0.6640E-05		
		0.7860E+01	0.4902E-05		
		0.8145E+01	0.4918E-05		
		0.8429E+01	0.4928E-05		
		0.8714E+01	0.4931E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1415E+03	0.0000E+00
		0.1500E-02	-0.2178E-03		
		0.3063E+00	-0.1944E-03		
		0.6111E+00	-0.1692E-03		
		0.9159E+00	-0.1437E-03		
		0.1211E+01	-0.1234E-03		
		0.1505E+01	-0.1047E-03		
		0.1800E+01	-0.8814E-04		
		0.3820E+01	-0.1445E-04		
		0.5840E+01	-0.1015E-05		
		0.7860E+01	0.3018E-05		
		0.8145E+01	0.3028E-05		
		0.8429E+01	0.3034E-05		
		0.8714E+01	0.3036E-05		

N O T I C E

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*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*            ANALYSIS      COMPLETED             *
*                                                *
*          TIME     -       10:28: 8             *
*          EXECUTION TIME    0: 1: 3             *
*                                                *
*                                                *
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CLR10

Compacted Clay Fill
Porosity = 0.20
(Site Minimum)

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**********************************************************
*                                                        *
*                                                        *
*                    M I G R A T E v 9                   *
*                                                        *
*                      VERSION 9.0.7                     *
*                                                        *
*                   REVISION - 4/16/1996                 *
*                                                        *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996      *
*                                                        *
*                                                        *
*                                                        *
*                                                        *
*                  RUN DATE -   15-11- 8                 *
*                  TIME     -   10:29:32                 *
*                                                        *
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Clinton LF No. 3 (CWU) CLR10 (Clay Fill 0.20)

SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.200	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.200	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.200	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6846E-03		
		0.9159E+00	-0.1109E-03		
		0.1211E+01	-0.1078E-04		
		0.1505E+01	-0.6350E-06		
		0.1800E+01	-0.2038E-07		
		0.3820E+01	-0.3179E-18		
		0.5840E+01	-0.2228E-23		
		0.7860E+01	-0.1313E-34		
		0.8145E+01	-0.6995E-34		
		0.8429E+01	-0.8396E-34		
		0.8714E+01	-0.8585E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3890E-03		
		0.9159E+00	-0.6302E-04		
		0.1211E+01	-0.6125E-05		

		0.1505E+01	-0.3609E-06		
		0.1800E+01	-0.1158E-07		
		0.3820E+01	-0.1711E-18		
		0.5840E+01	-0.1269E-23		
		0.7860E+01	-0.6002E-34		
		0.8145E+01	-0.8912E-34		
		0.8429E+01	-0.9512E-34		
		0.8714E+01	-0.9554E-34		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1746E-03		
		0.9159E+00	-0.2830E-04		
		0.1211E+01	-0.2751E-05		
		0.1505E+01	-0.1621E-06		
		0.1800E+01	-0.5203E-08		
		0.3820E+01	-0.6655E-19		
		0.5840E+01	-0.5729E-24		
		0.7860E+01	-0.4794E-34		
		0.8145E+01	-0.5945E-34		
		0.8429E+01	-0.6116E-34		
		0.8714E+01	-0.6101E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1474E-04		
		0.9159E+00	-0.2399E-05		
		0.1211E+01	-0.2338E-06		
		0.1505E+01	-0.1380E-07		
		0.1800E+01	-0.4434E-09		
		0.3820E+01	0.1045E-19		
		0.5840E+01	-0.5357E-25		
		0.7860E+01	-0.3710E-34		
		0.8145E+01	-0.3551E-34		
		0.8429E+01	-0.3405E-34		
		0.8714E+01	-0.3350E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4453E-02		
		0.6111E+00	-0.1935E-02		
		0.9159E+00	-0.7163E-03		
		0.1211E+01	-0.2013E-03		
		0.1505E+01	-0.4439E-04		
		0.1800E+01	-0.6978E-05		
		0.3820E+01	-0.3639E-13		
		0.5840E+01	0.1295E-17		
		0.7860E+01	-0.8249E-25		
		0.8145E+01	0.1980E-24		
		0.8429E+01	0.3394E-24		
		0.8714E+01	0.3824E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4744E-02		

		0.3063E+00	-0.2531E-02		
		0.6111E+00	-0.1100E-02		
		0.9159E+00	-0.4072E-03		
		0.1211E+01	-0.1145E-03		
		0.1505E+01	-0.2524E-04		
		0.1800E+01	-0.3968E-05		
		0.3820E+01	-0.2071E-13		
		0.5840E+01	0.7356E-18		
		0.7860E+01	-0.3710E-24		
		0.8145E+01	-0.2097E-24		
		0.8429E+01	-0.1269E-24		
		0.8714E+01	-0.1015E-24		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2128E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4944E-03		
		0.9159E+00	-0.1831E-03		
		0.1211E+01	-0.5148E-04		
		0.1505E+01	-0.1136E-04		
		0.1800E+01	-0.1786E-05		
		0.3820E+01	-0.9326E-14		
		0.5840E+01	0.3303E-18		
		0.7860E+01	-0.2487E-24		
		0.8145E+01	-0.1736E-24		
		0.8429E+01	-0.1335E-24		
		0.8714E+01	-0.1209E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9658E-04		
		0.6111E+00	-0.4264E-04		
		0.9159E+00	-0.1594E-04		
		0.1211E+01	-0.4507E-05		
		0.1505E+01	-0.9982E-06		
		0.1800E+01	-0.1574E-06		
		0.3820E+01	-0.8367E-15		
		0.5840E+01	0.2798E-19		
		0.7860E+01	-0.6423E-25		
		0.8145E+01	-0.5269E-25		
		0.8429E+01	-0.4415E-25		
		0.8714E+01	-0.4111E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3654E+02	0.0000E+00
		0.1500E-02	-0.8768E-02		
		0.3063E+00	-0.5362E-02		
		0.6111E+00	-0.2893E-02		
		0.9159E+00	-0.1425E-02		
		0.1211E+01	-0.5777E-03		
		0.1505E+01	-0.1993E-03		
		0.1800E+01	-0.5393E-04		
		0.3820E+01	-0.1309E-09		
		0.5840E+01	0.1272E-15		
		0.7860E+01	-0.2029E-19		
		0.8145E+01	-0.1940E-19		
		0.8429E+01	-0.1899E-19		

		0.8714E+01	-0.1887E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3654E+02	0.0000E+00
		0.1500E-02	-0.4980E-02		
		0.3063E+00	-0.3048E-02		
		0.6111E+00	-0.1645E-02		
		0.9159E+00	-0.8105E-03		
		0.1211E+01	-0.3287E-03		
		0.1505E+01	-0.1134E-03		
		0.1800E+01	-0.3069E-04		
		0.3820E+01	-0.7455E-10		
		0.5840E+01	0.7217E-16		
		0.7860E+01	0.6728E-20		
		0.8145E+01	0.7406E-20		
		0.8429E+01	0.7755E-20		
		0.8714E+01	0.7862E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3654E+02	0.0000E+00
		0.1500E-02	-0.2234E-02		
		0.3063E+00	-0.1369E-02		
		0.6111E+00	-0.7400E-03		
		0.9159E+00	-0.3649E-03		
		0.1211E+01	-0.1481E-03		
		0.1505E+01	-0.5112E-04		
		0.1800E+01	-0.1383E-04		
		0.3820E+01	-0.3363E-10		
		0.5840E+01	0.3228E-16		
		0.7860E+01	0.4807E-20		
		0.8145E+01	0.5153E-20		
		0.8429E+01	0.5341E-20		
		0.8714E+01	0.5400E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3654E+02	0.0000E+00
		0.1500E-02	-0.1863E-03		
		0.3063E+00	-0.1177E-03		
		0.6111E+00	-0.6493E-04		
		0.9159E+00	-0.3245E-04		
		0.1211E+01	-0.1329E-04		
		0.1505E+01	-0.4618E-05		
		0.1800E+01	-0.1256E-05		
		0.3820E+01	-0.3095E-11		
		0.5840E+01	0.2542E-17		
		0.7860E+01	0.1851E-20		
		0.8145E+01	0.1912E-20		
		0.8429E+01	0.1957E-20		
		0.8714E+01	0.1972E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4391E+02	0.0000E+00
		0.1500E-02	-0.9025E-02		
		0.3063E+00	-0.5957E-02		
		0.6111E+00	-0.3607E-02		
		0.9159E+00	-0.2055E-02		
		0.1211E+01	-0.1005E-02		
		0.1505E+01	-0.4347E-03		
		0.1800E+01	-0.1554E-03		
		0.3820E+01	-0.8074E-08		

		0.5840E+01	-0.2383E-14		
		0.7860E+01	0.1100E-16		
		0.8145E+01	0.1110E-16		
		0.8429E+01	0.1116E-16		
		0.8714E+01	0.1117E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4391E+02	0.0000E+00
		0.1500E-02	-0.5127E-02		
		0.3063E+00	-0.3387E-02		
		0.6111E+00	-0.2052E-02		
		0.9159E+00	-0.1170E-02		
		0.1211E+01	-0.5722E-03		
		0.1505E+01	-0.2475E-03		
		0.1800E+01	-0.8848E-04		
		0.3820E+01	-0.4601E-08		
		0.5840E+01	-0.1360E-14		
		0.7860E+01	0.1542E-17		
		0.8145E+01	0.1587E-17		
		0.8429E+01	0.1612E-17		
		0.8714E+01	0.1621E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4391E+02	0.0000E+00
		0.1500E-02	-0.2300E-02		
		0.3063E+00	-0.1523E-02		
		0.6111E+00	-0.9238E-03		
		0.9159E+00	-0.5271E-03		
		0.1211E+01	-0.2581E-03		
		0.1505E+01	-0.1117E-03		
		0.1800E+01	-0.3994E-04		
		0.3820E+01	-0.2080E-08		
		0.5840E+01	-0.6163E-15		
		0.7860E+01	-0.1396E-17		
		0.8145E+01	-0.1387E-17		
		0.8429E+01	-0.1382E-17		
		0.8714E+01	-0.1380E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4391E+02	0.0000E+00
		0.1500E-02	-0.1926E-03		
		0.3063E+00	-0.1321E-03		
		0.6111E+00	-0.8225E-04		
		0.9159E+00	-0.4775E-04		
		0.1211E+01	-0.2367E-04		
		0.1505E+01	-0.1034E-04		
		0.1800E+01	-0.3724E-05		
		0.3820E+01	-0.1978E-09		
		0.5840E+01	-0.6155E-16		
		0.7860E+01	-0.1099E-17		
		0.8145E+01	-0.1103E-17		
		0.8429E+01	-0.1105E-17		
		0.8714E+01	-0.1106E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5048E+02	0.0000E+00
		0.1500E-02	-0.9204E-02		
		0.3063E+00	-0.6382E-02		
		0.6111E+00	-0.4153E-02		
		0.9159E+00	-0.2586E-02		

		0.1211E+01	-0.1417E-02		
		0.1505E+01	-0.7027E-03		
		0.1800E+01	-0.2979E-03		
		0.3820E+01	-0.9820E-07		
		0.5840E+01	-0.2418E-12		
		0.7860E+01	-0.3092E-15		
		0.8145E+01	-0.3112E-15		
		0.8429E+01	-0.3123E-15		
		0.8714E+01	-0.3127E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5048E+02	0.0000E+00
		0.1500E-02	-0.5229E-02		
		0.3063E+00	-0.3629E-02		
		0.6111E+00	-0.2363E-02		
		0.9159E+00	-0.1472E-02		
		0.1211E+01	-0.8072E-03		
		0.1505E+01	-0.4004E-03		
		0.1800E+01	-0.1698E-03		
		0.3820E+01	-0.5600E-07		
		0.5840E+01	-0.1379E-12		
		0.7860E+01	-0.8145E-16		
		0.8145E+01	-0.8276E-16		
		0.8429E+01	-0.8352E-16		
		0.8714E+01	-0.8378E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5048E+02	0.0000E+00
		0.1500E-02	-0.2347E-02		
		0.3063E+00	-0.1632E-02		
		0.6111E+00	-0.1065E-02		
		0.9159E+00	-0.6641E-03		
		0.1211E+01	-0.3645E-03		
		0.1505E+01	-0.1809E-03		
		0.1800E+01	-0.7675E-04		
		0.3820E+01	-0.2536E-07		
		0.5840E+01	-0.6250E-13		
		0.7860E+01	0.4117E-16		
		0.8145E+01	0.4080E-16		
		0.8429E+01	0.4059E-16		
		0.8714E+01	0.4053E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5048E+02	0.0000E+00
		0.1500E-02	-0.1971E-03		
		0.3063E+00	-0.1429E-03		
		0.6111E+00	-0.9605E-04		
		0.9159E+00	-0.6114E-04		
		0.1211E+01	-0.3408E-04		
		0.1505E+01	-0.1711E-04		
		0.1800E+01	-0.7327E-05		
		0.3820E+01	-0.2489E-08		
		0.5840E+01	-0.6179E-14		
		0.7860E+01	0.5177E-16		
		0.8145E+01	0.5189E-16		
		0.8429E+01	0.5196E-16		
		0.8714E+01	0.5199E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5646E+02	0.0000E+00

		0.1500E-02	-0.9337E-02		
		0.3063E+00	-0.6704E-02		
		0.6111E+00	-0.4583E-02		
		0.9159E+00	-0.3028E-02		
		0.1211E+01	-0.1792E-02		
		0.1505E+01	-0.9737E-03		
		0.1800E+01	-0.4636E-03		
		0.3820E+01	-0.5263E-06		
		0.5840E+01	-0.1065E-10		
		0.7860E+01	0.2403E-14		
		0.8145E+01	0.2419E-14		
		0.8429E+01	0.2428E-14		
		0.8714E+01	0.2431E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5646E+02	0.0000E+00
		0.1500E-02	-0.5305E-02		
		0.3063E+00	-0.3813E-02		
		0.6111E+00	-0.2609E-02		
		0.9159E+00	-0.1724E-02		
		0.1211E+01	-0.1021E-02		
		0.1505E+01	-0.5550E-03		
		0.1800E+01	-0.2643E-03		
		0.3820E+01	-0.3004E-06		
		0.5840E+01	-0.6081E-11		
		0.7860E+01	0.1767E-15		
		0.8145E+01	0.1860E-15		
		0.8429E+01	0.1914E-15		
		0.8714E+01	0.1932E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5646E+02	0.0000E+00
		0.1500E-02	-0.2381E-02		
		0.3063E+00	-0.1716E-02		
		0.6111E+00	-0.1176E-02		
		0.9159E+00	-0.7786E-03		
		0.1211E+01	-0.4615E-03		
		0.1505E+01	-0.2511E-03		
		0.1800E+01	-0.1197E-03		
		0.3820E+01	-0.1363E-06		
		0.5840E+01	-0.2761E-11		
		0.7860E+01	-0.8588E-15		
		0.8145E+01	-0.8576E-15		
		0.8429E+01	-0.8570E-15		
		0.8714E+01	-0.8569E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5646E+02	0.0000E+00
		0.1500E-02	-0.2005E-03		
		0.3063E+00	-0.1513E-03		
		0.6111E+00	-0.1073E-03		
		0.9159E+00	-0.7273E-04		
		0.1211E+01	-0.4390E-04		
		0.1505E+01	-0.2422E-04		
		0.1800E+01	-0.1168E-04		
		0.3820E+01	-0.1377E-07		
		0.5840E+01	-0.2816E-12		
		0.7860E+01	-0.7509E-15		
		0.8145E+01	-0.7536E-15		
		0.8429E+01	-0.7552E-15		
		0.8714E+01	-0.7558E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6198E+02	0.0000E+00
		0.1500E-02	-0.9440E-02		
		0.3063E+00	-0.6955E-02		
		0.6111E+00	-0.4928E-02		
		0.9159E+00	-0.3397E-02		
		0.1211E+01	-0.2124E-02		
		0.1505E+01	-0.1233E-02		
		0.1800E+01	-0.6386E-03		
		0.3820E+01	-0.1759E-05		
		0.5840E+01	-0.1576E-09		
		0.7860E+01	-0.1902E-14		
		0.8145E+01	-0.1951E-14		
		0.8429E+01	-0.1982E-14		
		0.8714E+01	-0.1992E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6198E+02	0.0000E+00
		0.1500E-02	-0.5363E-02		
		0.3063E+00	-0.3956E-02		
		0.6111E+00	-0.2806E-02		
		0.9159E+00	-0.1935E-02		
		0.1211E+01	-0.1211E-02		
		0.1505E+01	-0.7032E-03		
		0.1800E+01	-0.3644E-03		
		0.3820E+01	-0.1005E-05		
		0.5840E+01	-0.9007E-10		
		0.7860E+01	0.6812E-14		
		0.8145E+01	0.6807E-14		
		0.8429E+01	0.6803E-14		
		0.8714E+01	0.6803E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6198E+02	0.0000E+00
		0.1500E-02	-0.2408E-02		
		0.3063E+00	-0.1781E-02		
		0.6111E+00	-0.1266E-02		
		0.9159E+00	-0.8745E-03		
		0.1211E+01	-0.5478E-03		
		0.1505E+01	-0.3185E-03		
		0.1800E+01	-0.1652E-03		
		0.3820E+01	-0.4566E-06		
		0.5840E+01	-0.4098E-10		
		0.7860E+01	0.7198E-14		
		0.8145E+01	0.7222E-14		
		0.8429E+01	0.7236E-14		
		0.8714E+01	0.7242E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6198E+02	0.0000E+00
		0.1500E-02	-0.2033E-03		
		0.3063E+00	-0.1581E-03		
		0.6111E+00	-0.1167E-03		
		0.9159E+00	-0.8278E-04		
		0.1211E+01	-0.5294E-04		
		0.1505E+01	-0.3128E-04		
		0.1800E+01	-0.1644E-04		
		0.3820E+01	-0.4739E-07		
		0.5840E+01	-0.4307E-11		
		0.7860E+01	0.3210E-14		
		0.8145E+01	0.3234E-14		

		0.8429E+01	0.3248E-14		
		0.8714E+01	0.3254E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6713E+02	0.0000E+00
		0.1500E-02	-0.9521E-02		
		0.3063E+00	-0.7156E-02		
		0.6111E+00	-0.5209E-02		
		0.9159E+00	-0.3708E-02		
		0.1211E+01	-0.2416E-02		
		0.1505E+01	-0.1475E-02		
		0.1800E+01	-0.8142E-03		
		0.3820E+01	-0.4365E-05		
		0.5840E+01	-0.1197E-08		
		0.7860E+01	-0.3996E-13		
		0.8145E+01	-0.3979E-13		
		0.8429E+01	-0.3970E-13		
		0.8714E+01	-0.3968E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6713E+02	0.0000E+00
		0.1500E-02	-0.5410E-02		
		0.3063E+00	-0.4071E-02		
		0.6111E+00	-0.2967E-02		
		0.9159E+00	-0.2113E-02		
		0.1211E+01	-0.1378E-02		
		0.1505E+01	-0.8413E-03		
		0.1800E+01	-0.4647E-03		
		0.3820E+01	-0.2495E-05		
		0.5840E+01	-0.6844E-09		
		0.7860E+01	-0.3361E-13		
		0.8145E+01	-0.3363E-13		
		0.8429E+01	-0.3366E-13		
		0.8714E+01	-0.3367E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6713E+02	0.0000E+00
		0.1500E-02	-0.2429E-02		
		0.3063E+00	-0.1833E-02		
		0.6111E+00	-0.1339E-02		
		0.9159E+00	-0.9555E-03		
		0.1211E+01	-0.6240E-03		
		0.1505E+01	-0.3814E-03		
		0.1800E+01	-0.2109E-03		
		0.3820E+01	-0.1136E-05		
		0.5840E+01	-0.3120E-09		
		0.7860E+01	-0.1030E-13		
		0.8145E+01	-0.1038E-13		
		0.8429E+01	-0.1042E-13		
		0.8714E+01	-0.1044E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6713E+02	0.0000E+00
		0.1500E-02	-0.2056E-03		
		0.3063E+00	-0.1638E-03		
		0.6111E+00	-0.1246E-03		
		0.9159E+00	-0.9153E-04		
		0.1211E+01	-0.6118E-04		
		0.1505E+01	-0.3808E-04		
		0.1800E+01	-0.2139E-04		

		0.3820E+01	-0.1210E-06		
		0.5840E+01	-0.3373E-10		
		0.7860E+01	0.8877E-14		
		0.8145E+01	0.8836E-14		
		0.8429E+01	0.8812E-14		
		0.8714E+01	0.8805E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7197E+02	0.0000E+00
		0.1500E-02	-0.9587E-02		
		0.3063E+00	-0.7320E-02		
		0.6111E+00	-0.5443E-02		
		0.9159E+00	-0.3971E-02		
		0.1211E+01	-0.2673E-02		
		0.1505E+01	-0.1696E-02		
		0.1800E+01	-0.9848E-03		
		0.3820E+01	-0.8874E-05		
		0.5840E+01	-0.5810E-08		
		0.7860E+01	0.7329E-13		
		0.8145E+01	0.7701E-13		
		0.8429E+01	0.7892E-13		
		0.8714E+01	0.7951E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7197E+02	0.0000E+00
		0.1500E-02	-0.5448E-02		
		0.3063E+00	-0.4165E-02		
		0.6111E+00	-0.3100E-02		
		0.9159E+00	-0.2264E-02		
		0.1211E+01	-0.1525E-02		
		0.1505E+01	-0.9681E-03		
		0.1800E+01	-0.5624E-03		
		0.3820E+01	-0.5076E-05		
		0.5840E+01	-0.3326E-08		
		0.7860E+01	-0.2480E-13		
		0.8145E+01	-0.2270E-13		
		0.8429E+01	-0.2161E-13		
		0.8714E+01	-0.2128E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7197E+02	0.0000E+00
		0.1500E-02	-0.2446E-02		
		0.3063E+00	-0.1876E-02		
		0.6111E+00	-0.1400E-02		
		0.9159E+00	-0.1024E-02		
		0.1211E+01	-0.6911E-03		
		0.1505E+01	-0.4394E-03		
		0.1800E+01	-0.2555E-03		
		0.3820E+01	-0.2315E-05		
		0.5840E+01	-0.1519E-08		
		0.7860E+01	-0.6999E-13		
		0.8145E+01	-0.6916E-13		
		0.8429E+01	-0.6873E-13		
		0.8714E+01	-0.6860E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7197E+02	0.0000E+00
		0.1500E-02	-0.2075E-03		
		0.3063E+00	-0.1686E-03		
		0.6111E+00	-0.1314E-03		

		0.9159E+00	-0.9920E-04		
		0.1211E+01	-0.6865E-04		
		0.1505E+01	-0.4454E-04		
		0.1800E+01	-0.2636E-04		
		0.3820E+01	-0.2526E-06		
		0.5840E+01	-0.1687E-09		
		0.7860E+01	-0.6130E-13		
		0.8145E+01	-0.6138E-13		
		0.8429E+01	-0.6141E-13		
		0.8714E+01	-0.6142E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7654E+02	0.0000E+00
		0.1500E-02	-0.9641E-02		
		0.3063E+00	-0.7456E-02		
		0.6111E+00	-0.5638E-02		
		0.9159E+00	-0.4195E-02		
		0.1211E+01	-0.2898E-02		
		0.1505E+01	-0.1898E-02		
		0.1800E+01	-0.1148E-02		
		0.3820E+01	-0.1567E-04		
		0.5840E+01	-0.2060E-07		
		0.7860E+01	0.5638E-12		
		0.8145E+01	0.5932E-12		
		0.8429E+01	0.6081E-12		
		0.8714E+01	0.6127E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7654E+02	0.0000E+00
		0.1500E-02	-0.5479E-02		
		0.3063E+00	-0.4243E-02		
		0.6111E+00	-0.3212E-02		
		0.9159E+00	-0.2392E-02		
		0.1211E+01	-0.1654E-02		
		0.1505E+01	-0.1084E-02		
		0.1800E+01	-0.6557E-03		
		0.3820E+01	-0.8972E-05		
		0.5840E+01	-0.1180E-07		
		0.7860E+01	0.2498E-12		
		0.8145E+01	0.2664E-12		
		0.8429E+01	0.2749E-12		
		0.8714E+01	0.2775E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7654E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1912E-02		
		0.6111E+00	-0.1451E-02		
		0.9159E+00	-0.1083E-02		
		0.1211E+01	-0.7502E-03		
		0.1505E+01	-0.4922E-03		
		0.1800E+01	-0.2982E-03		
		0.3820E+01	-0.4099E-05		
		0.5840E+01	-0.5399E-08		
		0.7860E+01	0.7519E-13		
		0.8145E+01	0.8321E-13		
		0.8429E+01	0.8750E-13		
		0.8714E+01	0.8886E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7654E+02	0.0000E+00
		0.1500E-02	-0.2092E-03		
		0.3063E+00	-0.1727E-03		
		0.6111E+00	-0.1373E-03		
		0.9159E+00	-0.1060E-03		
		0.1211E+01	-0.7543E-04		
		0.1505E+01	-0.5061E-04		
		0.1800E+01	-0.3126E-04		
		0.3820E+01	-0.4574E-06		
		0.5840E+01	-0.6151E-09		
		0.7860E+01	-0.5187E-13		
		0.8145E+01	-0.5036E-13		
		0.8429E+01	-0.4931E-13		
		0.8714E+01	-0.4895E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8090E+02	0.0000E+00
		0.1500E-02	-0.9687E-02		
		0.3063E+00	-0.7570E-02		
		0.6111E+00	-0.5804E-02		
		0.9159E+00	-0.4389E-02		
		0.1211E+01	-0.3096E-02		
		0.1505E+01	-0.2081E-02		
		0.1800E+01	-0.1301E-02		
		0.3820E+01	-0.2497E-04		
		0.5840E+01	-0.5807E-07		
		0.7860E+01	0.4317E-11		
		0.8145E+01	0.4498E-11		
		0.8429E+01	0.4591E-11		
		0.8714E+01	0.4620E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8090E+02	0.0000E+00
		0.1500E-02	-0.5505E-02		
		0.3063E+00	-0.4308E-02		
		0.6111E+00	-0.3307E-02		
		0.9159E+00	-0.2503E-02		
		0.1211E+01	-0.1768E-02		
		0.1505E+01	-0.1189E-02		
		0.1800E+01	-0.7436E-03		
		0.3820E+01	-0.1431E-04		
		0.5840E+01	-0.3329E-07		
		0.7860E+01	0.1287E-11		
		0.8145E+01	0.1382E-11		
		0.8429E+01	0.1431E-11		
		0.8714E+01	0.1447E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8090E+02	0.0000E+00
		0.1500E-02	-0.2472E-02		
		0.3063E+00	-0.1942E-02		
		0.6111E+00	-0.1495E-02		
		0.9159E+00	-0.1134E-02		
		0.1211E+01	-0.8024E-03		
		0.1505E+01	-0.5404E-03		
		0.1800E+01	-0.3386E-03		
		0.3820E+01	-0.6546E-05		
		0.5840E+01	-0.1526E-07		
		0.7860E+01	0.5601E-12		

		0.8145E+01	0.6038E-12		
		0.8429E+01	0.6271E-12		
		0.8714E+01	0.6344E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8090E+02	0.0000E+00
		0.1500E-02	-0.2106E-03		
		0.3063E+00	-0.1762E-03		
		0.6111E+00	-0.1424E-03		
		0.9159E+00	-0.1120E-03		
		0.1211E+01	-0.8159E-04		
		0.1505E+01	-0.5629E-04		
		0.1800E+01	-0.3602E-04		
		0.3820E+01	-0.7465E-06		
		0.5840E+01	-0.1782E-08		
		0.7860E+01	0.3127E-12		
		0.8145E+01	0.3206E-12		
		0.8429E+01	0.3262E-12		
		0.8714E+01	0.3281E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8506E+02	0.0000E+00
		0.1500E-02	-0.9725E-02		
		0.3063E+00	-0.7666E-02		
		0.6111E+00	-0.5945E-02		
		0.9159E+00	-0.4556E-02		
		0.1211E+01	-0.3271E-02		
		0.1505E+01	-0.2246E-02		
		0.1800E+01	-0.1444E-02		
		0.3820E+01	-0.3681E-04		
		0.5840E+01	-0.1377E-06		
		0.7860E+01	0.3423E-10		
		0.8145E+01	0.3510E-10		
		0.8429E+01	0.3555E-10		
		0.8714E+01	0.3570E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8506E+02	0.0000E+00
		0.1500E-02	-0.5527E-02		
		0.3063E+00	-0.4364E-02		
		0.6111E+00	-0.3388E-02		
		0.9159E+00	-0.2599E-02		
		0.1211E+01	-0.1868E-02		
		0.1505E+01	-0.1284E-02		
		0.1800E+01	-0.8260E-03		
		0.3820E+01	-0.2111E-04		
		0.5840E+01	-0.7904E-07		
		0.7860E+01	0.9838E-11		
		0.8145E+01	0.1028E-10		
		0.8429E+01	0.1051E-10		
		0.8714E+01	0.1058E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8506E+02	0.0000E+00
		0.1500E-02	-0.2482E-02		
		0.3063E+00	-0.1967E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1178E-02		
		0.1211E+01	-0.8486E-03		
		0.1505E+01	-0.5841E-03		

		0.1800E+01	-0.3764E-03		
		0.3820E+01	-0.9673E-05		
		0.5840E+01	-0.3630E-07		
		0.7860E+01	0.2896E-11		
		0.8145E+01	0.3091E-11		
		0.8429E+01	0.3195E-11		
		0.8714E+01	0.3228E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8506E+02	0.0000E+00
		0.1500E-02	-0.2118E-03		
		0.3063E+00	-0.1793E-03		
		0.6111E+00	-0.1470E-03		
		0.9159E+00	-0.1173E-03		
		0.1211E+01	-0.8719E-04		
		0.1505E+01	-0.6159E-04		
		0.1800E+01	-0.4061E-04		
		0.3820E+01	-0.1126E-05		
		0.5840E+01	-0.4337E-08		
		0.7860E+01	0.1237E-11		
		0.8145E+01	0.1270E-11		
		0.8429E+01	0.1294E-11		
		0.8714E+01	0.1302E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8905E+02	0.0000E+00
		0.1500E-02	-0.9757E-02		
		0.3063E+00	-0.7748E-02		
		0.6111E+00	-0.6066E-02		
		0.9159E+00	-0.4701E-02		
		0.1211E+01	-0.3427E-02		
		0.1505E+01	-0.2396E-02		
		0.1800E+01	-0.1578E-02		
		0.3820E+01	-0.5112E-04		
		0.5840E+01	-0.2860E-06		
		0.7860E+01	0.2011E-09		
		0.8145E+01	0.2044E-09		
		0.8429E+01	0.2062E-09		
		0.8714E+01	0.2068E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8905E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4411E-02		
		0.6111E+00	-0.3458E-02		
		0.9159E+00	-0.2683E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1370E-02		
		0.1800E+01	-0.9027E-03		
		0.3820E+01	-0.2933E-04		
		0.5840E+01	-0.1643E-06		
		0.7860E+01	0.6580E-10		
		0.8145E+01	0.6748E-10		
		0.8429E+01	0.6837E-10		
		0.8714E+01	0.6866E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8905E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1989E-02		

		0.6111E+00	-0.1564E-02		
		0.9159E+00	-0.1217E-02		
		0.1211E+01	-0.8896E-03		
		0.1505E+01	-0.6238E-03		
		0.1800E+01	-0.4118E-03		
		0.3820E+01	-0.1346E-04		
		0.5840E+01	-0.7557E-07		
		0.7860E+01	0.2043E-10		
		0.8145E+01	0.2116E-10		
		0.8429E+01	0.2155E-10		
		0.8714E+01	0.2168E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8905E+02	0.0000E+00
		0.1500E-02	-0.2129E-03		
		0.3063E+00	-0.1820E-03		
		0.6111E+00	-0.1510E-03		
		0.9159E+00	-0.1221E-03		
		0.1211E+01	-0.9230E-04		
		0.1505E+01	-0.6653E-04		
		0.1800E+01	-0.4501E-04		
		0.3820E+01	-0.1598E-05		
		0.5840E+01	-0.9233E-08		
		0.7860E+01	0.6577E-11		
		0.8145E+01	0.6712E-11		
		0.8429E+01	0.6806E-11		
		0.8714E+01	0.6839E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9289E+02	0.0000E+00
		0.1500E-02	-0.9785E-02		
		0.3063E+00	-0.7819E-02		
		0.6111E+00	-0.6172E-02		
		0.9159E+00	-0.4828E-02		
		0.1211E+01	-0.3564E-02		
		0.1505E+01	-0.2532E-02		
		0.1800E+01	-0.1702E-02		
		0.3820E+01	-0.6770E-04		
		0.5840E+01	-0.5348E-06		
		0.7860E+01	0.9106E-09		
		0.8145E+01	0.9217E-09		
		0.8429E+01	0.9278E-09		
		0.8714E+01	0.9298E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9289E+02	0.0000E+00
		0.1500E-02	-0.5562E-02		
		0.3063E+00	-0.4452E-02		
		0.6111E+00	-0.3519E-02		
		0.9159E+00	-0.2756E-02		
		0.1211E+01	-0.2037E-02		
		0.1505E+01	-0.1448E-02		
		0.1800E+01	-0.9739E-03		
		0.3820E+01	-0.3886E-04		
		0.5840E+01	-0.3074E-06		
		0.7860E+01	0.3321E-09		
		0.8145E+01	0.3376E-09		
		0.8429E+01	0.3406E-09		
		0.8714E+01	0.3416E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9289E+02	0.0000E+00
		0.1500E-02	-0.2499E-02		
		0.3063E+00	-0.2008E-02		
		0.6111E+00	-0.1592E-02		
		0.9159E+00	-0.1251E-02		
		0.1211E+01	-0.9263E-03		
		0.1505E+01	-0.6599E-03		
		0.1800E+01	-0.4447E-03		
		0.3820E+01	-0.1786E-04		
		0.5840E+01	-0.1417E-06		
		0.7860E+01	0.1161E-09		
		0.8145E+01	0.1185E-09		
		0.8429E+01	0.1198E-09		
		0.8714E+01	0.1202E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9289E+02	0.0000E+00
		0.1500E-02	-0.2138E-03		
		0.3063E+00	-0.1844E-03		
		0.6111E+00	-0.1545E-03		
		0.9159E+00	-0.1264E-03		
		0.1211E+01	-0.9698E-04		
		0.1505E+01	-0.7114E-04		
		0.1800E+01	-0.4921E-04		
		0.3820E+01	-0.2160E-05		
		0.5840E+01	-0.1768E-07		
		0.7860E+01	0.3960E-10		
		0.8145E+01	0.4011E-10		
		0.8429E+01	0.4046E-10		
		0.8714E+01	0.4058E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9661E+02	0.0000E+00
		0.1500E-02	-0.9810E-02		
		0.3063E+00	-0.7881E-02		
		0.6111E+00	-0.6264E-02		
		0.9159E+00	-0.4940E-02		
		0.1211E+01	-0.3687E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1816E-02		
		0.3820E+01	-0.8631E-04		
		0.5840E+01	-0.9192E-06		
		0.7860E+01	0.3372E-08		
		0.8145E+01	0.3404E-08		
		0.8429E+01	0.3422E-08		
		0.8714E+01	0.3428E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9661E+02	0.0000E+00
		0.1500E-02	-0.5576E-02		
		0.3063E+00	-0.4487E-02		
		0.6111E+00	-0.3572E-02		
		0.9159E+00	-0.2820E-02		
		0.1211E+01	-0.2107E-02		
		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1040E-02		
		0.3820E+01	-0.4958E-04		
		0.5840E+01	-0.5288E-06		

		0.7860E+01	0.1339E-08		
		0.8145E+01	0.1355E-08		
		0.8429E+01	0.1363E-08		
		0.8714E+01	0.1366E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9661E+02	0.0000E+00
		0.1500E-02	-0.2505E-02		
		0.3063E+00	-0.2024E-02		
		0.6111E+00	-0.1617E-02		
		0.9159E+00	-0.1280E-02		
		0.1211E+01	-0.9590E-03		
		0.1505E+01	-0.6928E-03		
		0.1800E+01	-0.4752E-03		
		0.3820E+01	-0.2282E-04		
		0.5840E+01	-0.2441E-06		
		0.7860E+01	0.5140E-09		
		0.8145E+01	0.5210E-09		
		0.8429E+01	0.5249E-09		
		0.8714E+01	0.5262E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9661E+02	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1866E-03		
		0.6111E+00	-0.1577E-03		
		0.9159E+00	-0.1303E-03		
		0.1211E+01	-0.1013E-03		
		0.1505E+01	-0.7544E-04		
		0.1800E+01	-0.5321E-04		
		0.3820E+01	-0.2809E-05		
		0.5840E+01	-0.3110E-07		
		0.7860E+01	0.1923E-09		
		0.8145E+01	0.1940E-09		
		0.8429E+01	0.1952E-09		
		0.8714E+01	0.1956E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1002E+03	0.0000E+00
		0.1500E-02	-0.9831E-02		
		0.3063E+00	-0.7934E-02		
		0.6111E+00	-0.6344E-02		
		0.9159E+00	-0.5039E-02		
		0.1211E+01	-0.3797E-02		
		0.1505E+01	-0.2767E-02		
		0.1800E+01	-0.1922E-02		
		0.3820E+01	-0.1067E-03		
		0.5840E+01	-0.1475E-05		
		0.7860E+01	0.1063E-07		
		0.8145E+01	0.1072E-07		
		0.8429E+01	0.1076E-07		
		0.8714E+01	0.1078E-07		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1002E+03	0.0000E+00
		0.1500E-02	-0.5588E-02		
		0.3063E+00	-0.4518E-02		
		0.6111E+00	-0.3618E-02		
		0.9159E+00	-0.2878E-02		
		0.1211E+01	-0.2171E-02		

		0.1505E+01	-0.1584E-02		
		0.1800E+01	-0.1101E-02		
		0.3820E+01	-0.6132E-04		
		0.5840E+01	-0.8494E-06		
		0.7860E+01	0.4528E-08		
		0.8145E+01	0.4570E-08		
		0.8429E+01	0.4593E-08		
		0.8714E+01	0.4601E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1002E+03	0.0000E+00
		0.1500E-02	-0.2511E-02		
		0.3063E+00	-0.2039E-02		
		0.6111E+00	-0.1639E-02		
		0.9159E+00	-0.1307E-02		
		0.1211E+01	-0.9885E-03		
		0.1505E+01	-0.7227E-03		
		0.1800E+01	-0.5036E-03		
		0.3820E+01	-0.2827E-04		
		0.5840E+01	-0.3928E-06		
		0.7860E+01	0.1873E-08		
		0.8145E+01	0.1892E-08		
		0.8429E+01	0.1903E-08		
		0.8714E+01	0.1906E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1002E+03	0.0000E+00
		0.1500E-02	-0.2154E-03		
		0.3063E+00	-0.1885E-03		
		0.6111E+00	-0.1606E-03		
		0.9159E+00	-0.1339E-03		
		0.1211E+01	-0.1052E-03		
		0.1505E+01	-0.7945E-04		
		0.1800E+01	-0.5701E-04		
		0.3820E+01	-0.3539E-05		
		0.5840E+01	-0.5102E-07		
		0.7860E+01	0.7564E-09		
		0.8145E+01	0.7619E-09		
		0.8429E+01	0.7653E-09		
		0.8714E+01	0.7666E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1037E+03	0.0000E+00
		0.1500E-02	-0.9849E-02		
		0.3063E+00	-0.7981E-02		
		0.6111E+00	-0.6415E-02		
		0.9159E+00	-0.5127E-02		
		0.1211E+01	-0.3896E-02		
		0.1505E+01	-0.2869E-02		
		0.1800E+01	-0.2020E-02		
		0.3820E+01	-0.1285E-03		
		0.5840E+01	-0.2238E-05		
		0.7860E+01	0.2940E-07		
		0.8145E+01	0.2959E-07		
		0.8429E+01	0.2971E-07		
		0.8714E+01	0.2975E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1037E+03	0.0000E+00
		0.1500E-02	-0.5598E-02		

		0.3063E+00	-0.4545E-02		
		0.6111E+00	-0.3659E-02		
		0.9159E+00	-0.2928E-02		
		0.1211E+01	-0.2228E-02		
		0.1505E+01	-0.1642E-02		
		0.1800E+01	-0.1158E-02		
		0.3820E+01	-0.7392E-04		
		0.5840E+01	-0.1289E-05		
		0.7860E+01	0.1330E-07		
		0.8145E+01	0.1340E-07		
		0.8429E+01	0.1345E-07		
		0.8714E+01	0.1347E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1037E+03	0.0000E+00
		0.1500E-02	-0.2516E-02		
		0.3063E+00	-0.2051E-02		
		0.6111E+00	-0.1658E-02		
		0.9159E+00	-0.1330E-02		
		0.1211E+01	-0.1015E-02		
		0.1505E+01	-0.7500E-03		
		0.1800E+01	-0.5299E-03		
		0.3820E+01	-0.3412E-04		
		0.5840E+01	-0.5972E-06		
		0.7860E+01	0.5857E-08		
		0.8145E+01	0.5903E-08		
		0.8429E+01	0.5930E-08		
		0.8714E+01	0.5939E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1037E+03	0.0000E+00
		0.1500E-02	-0.2161E-03		
		0.3063E+00	-0.1902E-03		
		0.6111E+00	-0.1632E-03		
		0.9159E+00	-0.1371E-03		
		0.1211E+01	-0.1088E-03		
		0.1505E+01	-0.8319E-04		
		0.1800E+01	-0.6061E-04		
		0.3820E+01	-0.4341E-05		
		0.5840E+01	-0.7906E-07		
		0.7860E+01	0.2521E-08		
		0.8145E+01	0.2536E-08		
		0.8429E+01	0.2546E-08		
		0.8714E+01	0.2549E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1071E+03	0.0000E+00
		0.1500E-02	-0.9865E-02		
		0.3063E+00	-0.8023E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5206E-02		
		0.1211E+01	-0.3985E-02		
		0.1505E+01	-0.2962E-02		
		0.1800E+01	-0.2111E-02		
		0.3820E+01	-0.1515E-03		
		0.5840E+01	-0.3237E-05		
		0.7860E+01	0.7283E-07		
		0.8145E+01	0.7326E-07		
		0.8429E+01	0.7351E-07		

		0.8714E+01	0.7360E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1071E+03	0.0000E+00
		0.1500E-02	-0.5608E-02		
		0.3063E+00	-0.4569E-02		
		0.6111E+00	-0.3696E-02		
		0.9159E+00	-0.2974E-02		
		0.1211E+01	-0.2279E-02		
		0.1505E+01	-0.1696E-02		
		0.1800E+01	-0.1210E-02		
		0.3820E+01	-0.8722E-04		
		0.5840E+01	-0.1867E-05		
		0.7860E+01	0.3473E-07		
		0.8145E+01	0.3495E-07		
		0.8429E+01	0.3508E-07		
		0.8714E+01	0.3512E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1071E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2062E-02		
		0.6111E+00	-0.1674E-02		
		0.9159E+00	-0.1351E-02		
		0.1211E+01	-0.1039E-02		
		0.1505E+01	-0.7750E-03		
		0.1800E+01	-0.5543E-03		
		0.3820E+01	-0.4031E-04		
		0.5840E+01	-0.8661E-06		
		0.7860E+01	0.1616E-07		
		0.8145E+01	0.1626E-07		
		0.8429E+01	0.1632E-07		
		0.8714E+01	0.1635E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1071E+03	0.0000E+00
		0.1500E-02	-0.2167E-03		
		0.3063E+00	-0.1918E-03		
		0.6111E+00	-0.1656E-03		
		0.9159E+00	-0.1400E-03		
		0.1211E+01	-0.1122E-03		
		0.1505E+01	-0.8669E-04		
		0.1800E+01	-0.6403E-04		
		0.3820E+01	-0.5209E-05		
		0.5840E+01	-0.1167E-06		
		0.7860E+01	0.7348E-08		
		0.8145E+01	0.7388E-08		
		0.8429E+01	0.7412E-08		
		0.8714E+01	0.7421E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1104E+03	0.0000E+00
		0.1500E-02	-0.9880E-02		
		0.3063E+00	-0.8060E-02		
		0.6111E+00	-0.6534E-02		
		0.9159E+00	-0.5276E-02		
		0.1211E+01	-0.4066E-02		
		0.1505E+01	-0.3047E-02		
		0.1800E+01	-0.2195E-02		
		0.3820E+01	-0.1755E-03		

		0.5840E+01	-0.4501E-05		
		0.7860E+01	0.1645E-06		
		0.8145E+01	0.1654E-06		
		0.8429E+01	0.1659E-06		
		0.8714E+01	0.1661E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1104E+03	0.0000E+00
		0.1500E-02	-0.5616E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3728E-02		
		0.9159E+00	-0.3014E-02		
		0.1211E+01	-0.2326E-02		
		0.1505E+01	-0.1745E-02		
		0.1800E+01	-0.1259E-02		
		0.3820E+01	-0.1011E-03		
		0.5840E+01	-0.2597E-05		
		0.7860E+01	0.8220E-07		
		0.8145E+01	0.8266E-07		
		0.8429E+01	0.8293E-07		
		0.8714E+01	0.8303E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1104E+03	0.0000E+00
		0.1500E-02	-0.2524E-02		
		0.3063E+00	-0.2072E-02		
		0.6111E+00	-0.1690E-02		
		0.9159E+00	-0.1370E-02		
		0.1211E+01	-0.1061E-02		
		0.1505E+01	-0.7979E-03		
		0.1800E+01	-0.5769E-03		
		0.3820E+01	-0.4677E-04		
		0.5840E+01	-0.1207E-05		
		0.7860E+01	0.4014E-07		
		0.8145E+01	0.4036E-07		
		0.8429E+01	0.4050E-07		
		0.8714E+01	0.4055E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1104E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1932E-03		
		0.6111E+00	-0.1678E-03		
		0.9159E+00	-0.1428E-03		
		0.1211E+01	-0.1153E-03		
		0.1505E+01	-0.8997E-04		
		0.1800E+01	-0.6727E-04		
		0.3820E+01	-0.6134E-05		
		0.5840E+01	-0.1655E-06		
		0.7860E+01	0.1917E-07		
		0.8145E+01	0.1926E-07		
		0.8429E+01	0.1932E-07		
		0.8714E+01	0.1934E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1136E+03	0.0000E+00
		0.1500E-02	-0.9893E-02		
		0.3063E+00	-0.8093E-02		
		0.6111E+00	-0.6584E-02		
		0.9159E+00	-0.5339E-02		

		0.1211E+01	-0.4139E-02		
		0.1505E+01	-0.3125E-02		
		0.1800E+01	-0.2273E-02		
		0.3820E+01	-0.2001E-03		
		0.5840E+01	-0.6048E-05		
		0.7860E+01	0.3434E-06		
		0.8145E+01	0.3451E-06		
		0.8429E+01	0.3460E-06		
		0.8714E+01	0.3464E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1136E+03	0.0000E+00
		0.1500E-02	-0.5623E-02		
		0.3063E+00	-0.4609E-02		
		0.6111E+00	-0.3757E-02		
		0.9159E+00	-0.3051E-02		
		0.1211E+01	-0.2368E-02		
		0.1505E+01	-0.1790E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.1153E-03		
		0.5840E+01	-0.3493E-05		
		0.7860E+01	0.1789E-06		
		0.8145E+01	0.1798E-06		
		0.8429E+01	0.1804E-06		
		0.8714E+01	0.1805E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1136E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2081E-02		
		0.6111E+00	-0.1703E-02		
		0.9159E+00	-0.1388E-02		
		0.1211E+01	-0.1080E-02		
		0.1505E+01	-0.8189E-03		
		0.1800E+01	-0.5979E-03		
		0.3820E+01	-0.5343E-04		
		0.5840E+01	-0.1626E-05		
		0.7860E+01	0.9122E-07		
		0.8145E+01	0.9168E-07		
		0.8429E+01	0.9195E-07		
		0.8714E+01	0.9205E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1136E+03	0.0000E+00
		0.1500E-02	-0.2178E-03		
		0.3063E+00	-0.1945E-03		
		0.6111E+00	-0.1697E-03		
		0.9159E+00	-0.1452E-03		
		0.1211E+01	-0.1182E-03		
		0.1505E+01	-0.9304E-04		
		0.1800E+01	-0.7033E-04		
		0.3820E+01	-0.7107E-05		
		0.5840E+01	-0.2268E-06		
		0.7860E+01	0.4553E-07		
		0.8145E+01	0.4574E-07		
		0.8429E+01	0.4586E-07		
		0.8714E+01	0.4591E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1167E+03	0.0000E+00

		0.1500E-02	-0.9904E-02		
		0.3063E+00	-0.8122E-02		
		0.6111E+00	-0.6629E-02		
		0.9159E+00	-0.5396E-02		
		0.1211E+01	-0.4205E-02		
		0.1505E+01	-0.3196E-02		
		0.1800E+01	-0.2344E-02		
		0.3820E+01	-0.2252E-03		
		0.5840E+01	-0.7894E-05		
		0.7860E+01	0.6700E-06		
		0.8145E+01	0.6729E-06		
		0.8429E+01	0.6747E-06		
		0.8714E+01	0.6753E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1167E+03	0.0000E+00
		0.1500E-02	-0.5630E-02		
		0.3063E+00	-0.4626E-02		
		0.6111E+00	-0.3783E-02		
		0.9159E+00	-0.3084E-02		
		0.1211E+01	-0.2406E-02		
		0.1505E+01	-0.1831E-02		
		0.1800E+01	-0.1345E-02		
		0.3820E+01	-0.1298E-03		
		0.5840E+01	-0.4562E-05		
		0.7860E+01	0.3625E-06		
		0.8145E+01	0.3641E-06		
		0.8429E+01	0.3651E-06		
		0.8714E+01	0.3655E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1167E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2089E-02		
		0.6111E+00	-0.1715E-02		
		0.9159E+00	-0.1403E-02		
		0.1211E+01	-0.1098E-02		
		0.1505E+01	-0.8382E-03		
		0.1800E+01	-0.6174E-03		
		0.3820E+01	-0.6024E-04		
		0.5840E+01	-0.2126E-05		
		0.7860E+01	0.1921E-06		
		0.8145E+01	0.1930E-06		
		0.8429E+01	0.1935E-06		
		0.8714E+01	0.1937E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1167E+03	0.0000E+00
		0.1500E-02	-0.2182E-03		
		0.3063E+00	-0.1957E-03		
		0.6111E+00	-0.1716E-03		
		0.9159E+00	-0.1476E-03		
		0.1211E+01	-0.1209E-03		
		0.1505E+01	-0.9591E-04		
		0.1800E+01	-0.7324E-04		
		0.3820E+01	-0.8122E-05		
		0.5840E+01	-0.3014E-06		
		0.7860E+01	0.9977E-07		
		0.8145E+01	0.1002E-06		
		0.8429E+01	0.1004E-06		
		0.8714E+01	0.1005E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1198E+03	0.0000E+00
		0.1500E-02	-0.9914E-02		
		0.3063E+00	-0.8148E-02		
		0.6111E+00	-0.6670E-02		
		0.9159E+00	-0.5447E-02		
		0.1211E+01	-0.4265E-02		
		0.1505E+01	-0.3261E-02		
		0.1800E+01	-0.2411E-02		
		0.3820E+01	-0.2505E-03		
		0.5840E+01	-0.1005E-04		
		0.7860E+01	0.1233E-05		
		0.8145E+01	0.1238E-05		
		0.8429E+01	0.1241E-05		
		0.8714E+01	0.1242E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1198E+03	0.0000E+00
		0.1500E-02	-0.5636E-02		
		0.3063E+00	-0.4642E-02		
		0.6111E+00	-0.3806E-02		
		0.9159E+00	-0.3113E-02		
		0.1211E+01	-0.2441E-02		
		0.1505E+01	-0.1869E-02		
		0.1800E+01	-0.1384E-02		
		0.3820E+01	-0.1445E-03		
		0.5840E+01	-0.5810E-05		
		0.7860E+01	0.6899E-06		
		0.8145E+01	0.6928E-06		
		0.8429E+01	0.6946E-06		
		0.8714E+01	0.6952E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1198E+03	0.0000E+00
		0.1500E-02	-0.2533E-02		
		0.3063E+00	-0.2096E-02		
		0.6111E+00	-0.1726E-02		
		0.9159E+00	-0.1417E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.8560E-03		
		0.1800E+01	-0.6355E-03		
		0.3820E+01	-0.6714E-04		
		0.5840E+01	-0.2712E-05		
		0.7860E+01	0.3787E-06		
		0.8145E+01	0.3803E-06		
		0.8429E+01	0.3813E-06		
		0.8714E+01	0.3816E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1198E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1732E-03		
		0.9159E+00	-0.1497E-03		
		0.1211E+01	-0.1233E-03		
		0.1505E+01	-0.9861E-04		
		0.1800E+01	-0.7600E-04		
		0.3820E+01	-0.9171E-05		
		0.5840E+01	-0.3904E-06		
		0.7860E+01	0.2039E-06		
		0.8145E+01	0.2047E-06		

		0.8429E+01	0.2052E-06		
		0.8714E+01	0.2054E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1228E+03	0.0000E+00
		0.1500E-02	-0.9923E-02		
		0.3063E+00	-0.8172E-02		
		0.6111E+00	-0.6706E-02		
		0.9159E+00	-0.5494E-02		
		0.1211E+01	-0.4320E-02		
		0.1505E+01	-0.3321E-02		
		0.1800E+01	-0.2473E-02		
		0.3820E+01	-0.2759E-03		
		0.5840E+01	-0.1250E-04		
		0.7860E+01	0.2155E-05		
		0.8145E+01	0.2163E-05		
		0.8429E+01	0.2168E-05		
		0.8714E+01	0.2170E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1228E+03	0.0000E+00
		0.1500E-02	-0.5641E-02		
		0.3063E+00	-0.4655E-02		
		0.6111E+00	-0.3827E-02		
		0.9159E+00	-0.3141E-02		
		0.1211E+01	-0.2473E-02		
		0.1505E+01	-0.1904E-02		
		0.1800E+01	-0.1420E-02		
		0.3820E+01	-0.1593E-03		
		0.5840E+01	-0.7238E-05		
		0.7860E+01	0.1244E-05		
		0.8145E+01	0.1249E-05		
		0.8429E+01	0.1252E-05		
		0.8714E+01	0.1253E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1228E+03	0.0000E+00
		0.1500E-02	-0.2536E-02		
		0.3063E+00	-0.2103E-02		
		0.6111E+00	-0.1736E-02		
		0.9159E+00	-0.1430E-02		
		0.1211E+01	-0.1130E-02		
		0.1505E+01	-0.8723E-03		
		0.1800E+01	-0.6524E-03		
		0.3820E+01	-0.7408E-04		
		0.5840E+01	-0.3384E-05		
		0.7860E+01	0.7049E-06		
		0.8145E+01	0.7076E-06		
		0.8429E+01	0.7093E-06		
		0.8714E+01	0.7100E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1228E+03	0.0000E+00
		0.1500E-02	-0.2191E-03		
		0.3063E+00	-0.1978E-03		
		0.6111E+00	-0.1748E-03		
		0.9159E+00	-0.1517E-03		
		0.1211E+01	-0.1257E-03		
		0.1505E+01	-0.1012E-03		
		0.1800E+01	-0.7861E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.1025E-04		
		0.5840E+01	-0.4943E-06		
		0.7860E+01	0.3922E-06		
		0.8145E+01	0.3937E-06		
		0.8429E+01	0.3946E-06		
		0.8714E+01	0.3949E-06		
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1258E+03	0.0000E+00
		0.1500E-02	-0.9932E-02		
		0.3063E+00	-0.8193E-02		
		0.6111E+00	-0.6739E-02		
		0.9159E+00	-0.5536E-02		
		0.1211E+01	-0.4370E-02		
		0.1505E+01	-0.3376E-02		
		0.1800E+01	-0.2530E-02		
		0.3820E+01	-0.3013E-03		
		0.5840E+01	-0.1527E-04		
		0.7860E+01	0.3602E-05		
		0.8145E+01	0.3615E-05		
		0.8429E+01	0.3623E-05		
		0.8714E+01	0.3626E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1258E+03	0.0000E+00
		0.1500E-02	-0.5646E-02		
		0.3063E+00	-0.4668E-02		
		0.6111E+00	-0.3847E-02		
		0.9159E+00	-0.3165E-02		
		0.1211E+01	-0.2502E-02		
		0.1505E+01	-0.1936E-02		
		0.1800E+01	-0.1453E-02		
		0.3820E+01	-0.1740E-03		
		0.5840E+01	-0.8843E-05		
		0.7860E+01	0.2138E-05		
		0.8145E+01	0.2146E-05		
		0.8429E+01	0.2151E-05		
		0.8714E+01	0.2153E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1258E+03	0.0000E+00
		0.1500E-02	-0.2538E-02		
		0.3063E+00	-0.2109E-02		
		0.6111E+00	-0.1745E-02		
		0.9159E+00	-0.1441E-02		
		0.1211E+01	-0.1143E-02		
		0.1505E+01	-0.8875E-03		
		0.1800E+01	-0.6681E-03		
		0.3820E+01	-0.8102E-04		
		0.5840E+01	-0.4141E-05		
		0.7860E+01	0.1247E-05		
		0.8145E+01	0.1252E-05		
		0.8429E+01	0.1255E-05		
		0.8714E+01	0.1256E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1258E+03	0.0000E+00
		0.1500E-02	-0.2194E-03		
		0.3063E+00	-0.1987E-03		
		0.6111E+00	-0.1762E-03		

		0.9159E+00	-0.1535E-03		
		0.1211E+01	-0.1278E-03		
		0.1505E+01	-0.1035E-03		
		0.1800E+01	-0.8109E-04		
		0.3820E+01	-0.1134E-04		
		0.5840E+01	-0.6132E-06		
		0.7860E+01	0.7152E-06		
		0.8145E+01	0.7178E-06		
		0.8429E+01	0.7193E-06		
		0.8714E+01	0.7199E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1287E+03	0.0000E+00
		0.1500E-02	-0.9939E-02		
		0.3063E+00	-0.8212E-02		
		0.6111E+00	-0.6769E-02		
		0.9159E+00	-0.5575E-02		
		0.1211E+01	-0.4416E-02		
		0.1505E+01	-0.3427E-02		
		0.1800E+01	-0.2583E-02		
		0.3820E+01	-0.3265E-03		
		0.5840E+01	-0.1832E-04		
		0.7860E+01	0.5787E-05		
		0.8145E+01	0.5807E-05		
		0.8429E+01	0.5819E-05		
		0.8714E+01	0.5824E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1287E+03	0.0000E+00
		0.1500E-02	-0.5651E-02		
		0.3063E+00	-0.4679E-02		
		0.6111E+00	-0.3864E-02		
		0.9159E+00	-0.3188E-02		
		0.1211E+01	-0.2529E-02		
		0.1505E+01	-0.1966E-02		
		0.1800E+01	-0.1484E-02		
		0.3820E+01	-0.1887E-03		
		0.5840E+01	-0.1062E-04		
		0.7860E+01	0.3525E-05		
		0.8145E+01	0.3537E-05		
		0.8429E+01	0.3545E-05		
		0.8714E+01	0.3548E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1287E+03	0.0000E+00
		0.1500E-02	-0.2540E-02		
		0.3063E+00	-0.2114E-02		
		0.6111E+00	-0.1754E-02		
		0.9159E+00	-0.1452E-02		
		0.1211E+01	-0.1156E-02		
		0.1505E+01	-0.9015E-03		
		0.1800E+01	-0.6827E-03		
		0.3820E+01	-0.8793E-04		
		0.5840E+01	-0.4980E-05		
		0.7860E+01	0.2112E-05		
		0.8145E+01	0.2119E-05		
		0.8429E+01	0.2124E-05		
		0.8714E+01	0.2126E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1287E+03	0.0000E+00
		0.1500E-02	-0.2197E-03		
		0.3063E+00	-0.1995E-03		
		0.6111E+00	-0.1775E-03		
		0.9159E+00	-0.1552E-03		
		0.1211E+01	-0.1299E-03		
		0.1505E+01	-0.1058E-03		
		0.1800E+01	-0.8344E-04		
		0.3820E+01	-0.1245E-04		
		0.5840E+01	-0.7468E-06		
		0.7860E+01	0.1244E-05		
		0.8145E+01	0.1249E-05		
		0.8429E+01	0.1251E-05		
		0.8714E+01	0.1252E-05		
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1315E+03	0.0000E+00
		0.1500E-02	-0.9946E-02		
		0.3063E+00	-0.8230E-02		
		0.6111E+00	-0.6796E-02		
		0.9159E+00	-0.5610E-02		
		0.1211E+01	-0.4459E-02		
		0.1505E+01	-0.3474E-02		
		0.1800E+01	-0.2633E-02		
		0.3820E+01	-0.3513E-03		
		0.5840E+01	-0.2166E-04		
		0.7860E+01	0.8977E-05		
		0.8145E+01	0.9007E-05		
		0.8429E+01	0.9025E-05		
		0.8714E+01	0.9032E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1315E+03	0.0000E+00
		0.1500E-02	-0.5654E-02		
		0.3063E+00	-0.4689E-02		
		0.6111E+00	-0.3880E-02		
		0.9159E+00	-0.3208E-02		
		0.1211E+01	-0.2554E-02		
		0.1505E+01	-0.1993E-02		
		0.1800E+01	-0.1513E-02		
		0.3820E+01	-0.2031E-03		
		0.5840E+01	-0.1256E-04		
		0.7860E+01	0.5599E-05		
		0.8145E+01	0.5618E-05		
		0.8429E+01	0.5629E-05		
		0.8714E+01	0.5633E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1315E+03	0.0000E+00
		0.1500E-02	-0.2542E-02		
		0.3063E+00	-0.2119E-02		
		0.6111E+00	-0.1761E-02		
		0.9159E+00	-0.1462E-02		
		0.1211E+01	-0.1168E-02		
		0.1505E+01	-0.9144E-03		
		0.1800E+01	-0.6963E-03		
		0.3820E+01	-0.9479E-04		
		0.5840E+01	-0.5898E-05		
		0.7860E+01	0.3437E-05		

		0.8145E+01	0.3449E-05		
		0.8429E+01	0.3456E-05		
		0.8714E+01	0.3459E-05		
1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1315E+03	0.0000E+00
		0.1500E-02	-0.2201E-03		
		0.3063E+00	-0.2003E-03		
		0.6111E+00	-0.1788E-03		
		0.9159E+00	-0.1568E-03		
		0.1211E+01	-0.1318E-03		
		0.1505E+01	-0.1079E-03		
		0.1800E+01	-0.8567E-04		
		0.3820E+01	-0.1358E-04		
		0.5840E+01	-0.8945E-06		
		0.7860E+01	0.2077E-05		
		0.8145E+01	0.2084E-05		
		0.8429E+01	0.2088E-05		
		0.8714E+01	0.2090E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1338E+03	0.0000E+00
		0.1500E-02	-0.9951E-02		
		0.3063E+00	-0.8243E-02		
		0.6111E+00	-0.6816E-02		
		0.9159E+00	-0.5636E-02		
		0.1211E+01	-0.4490E-02		
		0.1505E+01	-0.3509E-02		
		0.1800E+01	-0.2670E-02		
		0.3820E+01	-0.3709E-03		
		0.5840E+01	-0.2452E-04		
		0.7860E+01	0.1247E-04		
		0.8145E+01	0.1251E-04		
		0.8429E+01	0.1253E-04		
		0.8714E+01	0.1254E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1338E+03	0.0000E+00
		0.1500E-02	-0.5657E-02		
		0.3063E+00	-0.4697E-02		
		0.6111E+00	-0.3892E-02		
		0.9159E+00	-0.3223E-02		
		0.1211E+01	-0.2572E-02		
		0.1505E+01	-0.2014E-02		
		0.1800E+01	-0.1534E-02		
		0.3820E+01	-0.2146E-03		
		0.5840E+01	-0.1423E-04		
		0.7860E+01	0.7914E-05		
		0.8145E+01	0.7940E-05		
		0.8429E+01	0.7955E-05		
		0.8714E+01	0.7961E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1338E+03	0.0000E+00
		0.1500E-02	-0.2543E-02		
		0.3063E+00	-0.2122E-02		
		0.6111E+00	-0.1767E-02		
		0.9159E+00	-0.1469E-02		
		0.1211E+01	-0.1176E-02		
		0.1505E+01	-0.9241E-03		

		0.1800E+01	-0.7066E-03		
		0.3820E+01	-0.1002E-03		
		0.5840E+01	-0.6686E-05		
		0.7860E+01	0.4948E-05		
		0.8145E+01	0.4964E-05		
		0.8429E+01	0.4974E-05		
		0.8714E+01	0.4978E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1338E+03	0.0000E+00
		0.1500E-02	-0.2203E-03		
		0.3063E+00	-0.2009E-03		
		0.6111E+00	-0.1797E-03		
		0.9159E+00	-0.1580E-03		
		0.1211E+01	-0.1332E-03		
		0.1505E+01	-0.1095E-03		
		0.1800E+01	-0.8737E-04		
		0.3820E+01	-0.1448E-04		
		0.5840E+01	-0.1022E-05		
		0.7860E+01	0.3047E-05		
		0.8145E+01	0.3056E-05		
		0.8429E+01	0.3062E-05		
		0.8714E+01	0.3065E-05		

N O T I C E

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*                                                *
*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -       10:30:34            *
*           EXECUTION TIME    0: 1: 2            *
*                                                *
*                                                *
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CLR11

Compacted Clay Fill
Thickness = 0.0 m
(Site Minimum)

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*********************************************************
*                                                       *
*                                                       *
*                    M I G R A T E v 9                  *
*                                                       *
*                      VERSION 9.0.7                    *
*                                                       *
*                   REVISION - 4/16/1996                *
*                                                       *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996     *
*                                                       *
*                                                       *
*                                                       *
*                                                       *
*                 RUN DATE -   15-11- 8                 *
*                 TIME     -   10:35: 2                 *
*                                                       *
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*************************************************************************
 Clinton LF No. 3 (CWU) CLR11 (Clay Fill 0.0 m)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
========================

LAYER	DISPERSION COEFF. VERT.	HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.33E-10
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.33E-10

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.33E-10
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.9159E+00	-0.1017E-03		
		0.9159E+00	-0.1017E-03		
		0.9159E+00	-0.1017E-03		
		0.2936E+01	-0.1281E-14		
		0.4956E+01	0.3438E-20		
		0.6976E+01	0.5380E-30		
		0.7261E+01	0.2351E-30		
		0.7545E+01	0.1097E-30		
		0.7830E+01	0.7630E-31		
5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.9159E+00	-0.5777E-04		

		0.9159E+00	-0.5777E-04		
		0.9159E+00	-0.5777E-04		
		0.2936E+01	-0.7222E-15		
		0.4956E+01	0.1958E-20		
		0.6976E+01	0.1902E-30		
		0.7261E+01	0.1518E-31		
		0.7545E+01	-0.5884E-31		
		0.7830E+01	-0.7888E-31		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.9159E+00	-0.2594E-04		
		0.9159E+00	-0.2594E-04		
		0.9159E+00	-0.2594E-04		
		0.2936E+01	-0.3163E-15		
		0.4956E+01	0.8834E-21		
		0.6976E+01	0.8540E-31		
		0.7261E+01	0.6905E-32		
		0.7545E+01	-0.2743E-31		
		0.7830E+01	-0.3689E-31		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2198E-05		
		0.9159E+00	-0.2199E-05		
		0.9159E+00	-0.2201E-05		
		0.9159E+00	-0.2202E-05		
		0.2936E+01	-0.1439E-16		
		0.4956E+01	0.8169E-22		
		0.6976E+01	-0.1560E-31		
		0.7261E+01	-0.2263E-31		
		0.7545E+01	-0.2755E-31		
		0.7830E+01	-0.2917E-31		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.9159E+00	-0.6566E-03		
		0.9159E+00	-0.6566E-03		
		0.9159E+00	-0.6566E-03		
		0.2936E+01	-0.7205E-09		
		0.4956E+01	-0.2445E-16		
		0.6976E+01	0.6821E-21		
		0.7261E+01	0.6431E-21		
		0.7545E+01	0.6236E-21		
		0.7830E+01	0.6178E-21		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.9159E+00	-0.3733E-03		
		0.9159E+00	-0.3733E-03		
		0.9159E+00	-0.3733E-03		
		0.2936E+01	-0.4098E-09		
		0.4956E+01	-0.1404E-16		
		0.6976E+01	0.1656E-21		
		0.7261E+01	0.1413E-21		
		0.7545E+01	0.1287E-21		
		0.7830E+01	0.1249E-21		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.9159E+00	-0.1678E-03		
		0.9159E+00	-0.1678E-03		
		0.9159E+00	-0.1678E-03		
		0.2936E+01	-0.1845E-09		
		0.4956E+01	-0.6491E-17		
		0.6976E+01	0.4699E-22		
		0.7261E+01	0.3522E-22		
		0.7545E+01	0.2883E-22		
		0.7830E+01	0.2682E-22		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.9159E+00	-0.1460E-04		
		0.9159E+00	-0.1460E-04		
		0.9159E+00	-0.1459E-04		
		0.2936E+01	-0.1634E-10		
		0.4956E+01	-0.8222E-18		
		0.6976E+01	0.1311E-22		
		0.7261E+01	0.1127E-22		
		0.7545E+01	0.9892E-23		
		0.7830E+01	0.9397E-23		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.9159E+00	-0.1306E-02		
		0.9159E+00	-0.1306E-02		
		0.9159E+00	-0.1306E-02		
		0.2936E+01	-0.1018E-06		
		0.4956E+01	-0.3813E-14		
		0.6976E+01	0.1290E-18		
		0.7261E+01	0.1211E-18		
		0.7545E+01	0.1181E-18		

		0.7830E+01	0.1173E-18		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.9159E+00	-0.7430E-03		
		0.9159E+00	-0.7429E-03		
		0.9159E+00	-0.7429E-03		
		0.2936E+01	-0.5795E-07		
		0.4956E+01	-0.2183E-14		
		0.6976E+01	-0.8106E-18		
		0.7261E+01	-0.8246E-18		
		0.7545E+01	-0.8321E-18		
		0.7830E+01	-0.8345E-18		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.9159E+00	-0.3345E-03		
		0.9159E+00	-0.3345E-03		
		0.9159E+00	-0.3345E-03		
		0.2936E+01	-0.2614E-07		
		0.4956E+01	-0.1003E-14		
		0.6976E+01	-0.3428E-18		
		0.7261E+01	-0.3509E-18		
		0.7545E+01	-0.3555E-18		
		0.7830E+01	-0.3570E-18		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2975E-04		
		0.9159E+00	-0.2973E-04		
		0.9159E+00	-0.2972E-04		
		0.9159E+00	-0.2970E-04		
		0.2936E+01	-0.2397E-08		
		0.4956E+01	-0.1235E-15		
		0.6976E+01	-0.4576E-19		
		0.7261E+01	-0.4748E-19		
		0.7545E+01	-0.4863E-19		
		0.7830E+01	-0.4903E-19		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5925E-02		
		0.6111E+00	-0.3528E-02		
		0.9159E+00	-0.1885E-02		
		0.9159E+00	-0.1885E-02		
		0.9159E+00	-0.1884E-02		
		0.9159E+00	-0.1884E-02		
		0.2936E+01	-0.1268E-05		

		0.4956E+01	-0.2146E-11		
		0.6976E+01	-0.2005E-15		
		0.7261E+01	-0.2026E-15		
		0.7545E+01	-0.2038E-15		
		0.7830E+01	-0.2042E-15		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1073E-02		
		0.9159E+00	-0.1073E-02		
		0.9159E+00	-0.1073E-02		
		0.9159E+00	-0.1072E-02		
		0.2936E+01	-0.7226E-06		
		0.4956E+01	-0.1223E-11		
		0.6976E+01	-0.1349E-16		
		0.7261E+01	-0.1456E-16		
		0.7545E+01	-0.1515E-16		
		0.7830E+01	-0.1535E-16		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9036E-03		
		0.9159E+00	-0.4838E-03		
		0.9159E+00	-0.4837E-03		
		0.9159E+00	-0.4835E-03		
		0.9159E+00	-0.4834E-03		
		0.2936E+01	-0.3265E-06		
		0.4956E+01	-0.5529E-12		
		0.6976E+01	0.4381E-16		
		0.7261E+01	0.4361E-16		
		0.7545E+01	0.4351E-16		
		0.7830E+01	0.4348E-16		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8051E-04		
		0.9159E+00	-0.4422E-04		
		0.9159E+00	-0.4407E-04		
		0.9159E+00	-0.4391E-04		
		0.9159E+00	-0.4375E-04		
		0.2936E+01	-0.3093E-07		
		0.4956E+01	-0.5214E-13		
		0.6976E+01	0.2671E-16		
		0.7261E+01	0.2682E-16		
		0.7545E+01	0.2689E-16		
		0.7830E+01	0.2691E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.9159E+00	-0.2372E-02		
		0.9159E+00	-0.2372E-02		
		0.9159E+00	-0.2372E-02		
		0.2936E+01	-0.5888E-05		
		0.4956E+01	-0.1288E-09		
		0.6976E+01	0.3145E-14		
		0.7261E+01	0.3165E-14		
		0.7545E+01	0.3176E-14		
		0.7830E+01	0.3180E-14		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1351E-02		
		0.9159E+00	-0.1351E-02		
		0.9159E+00	-0.1350E-02		
		0.9159E+00	-0.1350E-02		
		0.2936E+01	-0.3357E-05		
		0.4956E+01	-0.7346E-10		
		0.6976E+01	0.7011E-15		
		0.7261E+01	0.7158E-15		
		0.7545E+01	0.7243E-15		
		0.7830E+01	0.7271E-15		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6095E-03		
		0.9159E+00	-0.6092E-03		
		0.9159E+00	-0.6090E-03		
		0.9159E+00	-0.6088E-03		
		0.2936E+01	-0.1520E-05		
		0.4956E+01	-0.3326E-10		
		0.6976E+01	-0.7227E-15		
		0.7261E+01	-0.7191E-15		
		0.7545E+01	-0.7170E-15		
		0.7830E+01	-0.7164E-15		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9340E-04		
		0.9159E+00	-0.5639E-04		
		0.9159E+00	-0.5610E-04		
		0.9159E+00	-0.5582E-04		
		0.9159E+00	-0.5554E-04		
		0.2936E+01	-0.1478E-06		
		0.4956E+01	-0.3256E-11		
		0.6976E+01	-0.7228E-15		
		0.7261E+01	-0.7251E-15		
		0.7545E+01	-0.7265E-15		
		0.7830E+01	-0.7270E-15		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4442E-02		
		0.9159E+00	-0.2778E-02		
		0.9159E+00	-0.2779E-02		
		0.9159E+00	-0.2779E-02		
		0.9159E+00	-0.2779E-02		
		0.2936E+01	-0.1657E-04		
		0.4956E+01	-0.2004E-08		
		0.6976E+01	-0.1526E-13		
		0.7261E+01	-0.1531E-13		
		0.7545E+01	-0.1534E-13		
		0.7830E+01	-0.1535E-13		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1582E-02		
		0.9159E+00	-0.1583E-02		
		0.9159E+00	-0.1583E-02		
		0.9159E+00	-0.1583E-02		
		0.2936E+01	-0.9458E-05		
		0.4956E+01	-0.1144E-08		
		0.6976E+01	0.9349E-15		
		0.7261E+01	0.9072E-15		
		0.7545E+01	0.8876E-15		
		0.7830E+01	0.8807E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7143E-03		
		0.9159E+00	-0.7146E-03		
		0.9159E+00	-0.7148E-03		
		0.9159E+00	-0.7151E-03		
		0.2936E+01	-0.4288E-05		
		0.4956E+01	-0.5194E-09		
		0.6976E+01	0.8168E-14		
		0.7261E+01	0.8184E-14		
		0.7545E+01	0.8193E-14		
		0.7830E+01	0.8197E-14		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.1999E-03		
		0.3063E+00	-0.1495E-03		
		0.6111E+00	-0.1037E-03		
		0.9159E+00	-0.6621E-04		
		0.9159E+00	-0.6650E-04		
		0.9159E+00	-0.6679E-04		
		0.9159E+00	-0.6707E-04		
		0.2936E+01	-0.4291E-06		
		0.4956E+01	-0.5287E-10		
		0.6976E+01	0.5996E-14		
		0.7261E+01	0.6026E-14		
		0.7545E+01	0.6045E-14		
		0.7830E+01	0.6052E-14		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.9159E+00	-0.3121E-02		
		0.9159E+00	-0.3121E-02		
		0.9159E+00	-0.3121E-02		
		0.2936E+01	-0.3493E-04		
		0.4956E+01	-0.1436E-07		
		0.6976E+01	-0.5892E-14		
		0.7261E+01	-0.3081E-14		
		0.7545E+01	-0.1661E-14		
		0.7830E+01	-0.1228E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.9159E+00	-0.1778E-02		
		0.9159E+00	-0.1778E-02		
		0.9159E+00	-0.1778E-02		
		0.2936E+01	-0.1995E-04		
		0.4956E+01	-0.8204E-08		
		0.6976E+01	-0.4895E-13		
		0.7261E+01	-0.4750E-13		
		0.7545E+01	-0.4677E-13		
		0.7830E+01	-0.4655E-13		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8032E-03		
		0.9159E+00	-0.8033E-03		
		0.9159E+00	-0.8034E-03		
		0.9159E+00	-0.8035E-03		
		0.2936E+01	-0.9060E-05		
		0.4956E+01	-0.3731E-08		
		0.6976E+01	-0.4137E-13		
		0.7261E+01	-0.4086E-13		
		0.7545E+01	-0.4061E-13		
		0.7830E+01	-0.4054E-13		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1559E-03		
		0.6111E+00	-0.1125E-03		
		0.9159E+00	-0.7606E-04		
		0.9159E+00	-0.7610E-04		
		0.9159E+00	-0.7614E-04		
		0.9159E+00	-0.7618E-04		
		0.2936E+01	-0.9306E-06		
		0.4956E+01	-0.3912E-09		
		0.6976E+01	-0.1084E-13		
		0.7261E+01	-0.1090E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.7545E+01	-0.1092E-13		
		0.7830E+01	-0.1092E-13		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3412E-02		
		0.9159E+00	-0.3412E-02		
		0.9159E+00	-0.3412E-02		
		0.9159E+00	-0.3412E-02		
		0.2936E+01	-0.6131E-04		
		0.4956E+01	-0.6320E-07		
		0.6976E+01	0.3217E-12		
		0.7261E+01	0.3624E-12		
		0.7545E+01	0.3827E-12		
		0.7830E+01	0.3889E-12		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1945E-02		
		0.9159E+00	-0.1945E-02		
		0.9159E+00	-0.1945E-02		
		0.9159E+00	-0.1946E-02		
		0.2936E+01	-0.3504E-04		
		0.4956E+01	-0.3614E-07		
		0.6976E+01	0.1022E-12		
		0.7261E+01	0.1255E-12		
		0.7545E+01	0.1373E-12		
		0.7830E+01	0.1409E-12		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8801E-03		
		0.9159E+00	-0.8803E-03		
		0.9159E+00	-0.8805E-03		
		0.9159E+00	-0.8806E-03		
		0.2936E+01	-0.1594E-04		
		0.4956E+01	-0.1647E-07		
		0.6976E+01	-0.2400E-13		
		0.7261E+01	-0.1306E-13		
		0.7545E+01	-0.7261E-14		
		0.7830E+01	-0.5450E-14		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2048E-03		
		0.3063E+00	-0.1615E-03		
		0.6111E+00	-0.1205E-03		
		0.9159E+00	-0.8539E-04		
		0.9159E+00	-0.8555E-04		
		0.9159E+00	-0.8571E-04		
		0.9159E+00	-0.8586E-04		

		0.2936E+01	-0.1677E-05		
		0.4956E+01	-0.1776E-08		
		0.6976E+01	-0.8542E-13		
		0.7261E+01	-0.8382E-13		
		0.7545E+01	-0.8265E-13		
		0.7830E+01	-0.8224E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7210E-02		
		0.6111E+00	-0.5245E-02		
		0.9159E+00	-0.3662E-02		
		0.9159E+00	-0.3661E-02		
		0.9159E+00	-0.3660E-02		
		0.9159E+00	-0.3659E-02		
		0.2936E+01	-0.9516E-04		
		0.4956E+01	-0.2007E-06		
		0.6976E+01	0.4079E-11		
		0.7261E+01	0.4432E-11		
		0.7545E+01	0.4610E-11		
		0.7830E+01	0.4665E-11		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2988E-02		
		0.9159E+00	-0.2090E-02		
		0.9159E+00	-0.2089E-02		
		0.9159E+00	-0.2088E-02		
		0.9159E+00	-0.2087E-02		
		0.2936E+01	-0.5441E-04		
		0.4956E+01	-0.1148E-06		
		0.6976E+01	0.8647E-12		
		0.7261E+01	0.1056E-11		
		0.7545E+01	0.1154E-11		
		0.7830E+01	0.1184E-11		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1351E-02		
		0.9159E+00	-0.9486E-03		
		0.9159E+00	-0.9475E-03		
		0.9159E+00	-0.9464E-03		
		0.9159E+00	-0.9454E-03		
		0.2936E+01	-0.2479E-04		
		0.4956E+01	-0.5243E-07		
		0.6976E+01	0.2916E-12		
		0.7261E+01	0.3800E-12		
		0.7545E+01	0.4268E-12		
		0.7830E+01	0.4414E-12		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2067E-03		
		0.3063E+00	-0.1664E-03		
		0.6111E+00	-0.1281E-03		

		0.9159E+00	-0.9612E-04		
		0.9159E+00	-0.9490E-04		
		0.9159E+00	-0.9368E-04		
		0.9159E+00	-0.9246E-04		
		0.2936E+01	-0.2665E-05		
		0.4956E+01	-0.5797E-08		
		0.6976E+01	0.1596E-12		
		0.7261E+01	0.1736E-12		
		0.7545E+01	0.1839E-12		
		0.7830E+01	0.1875E-12		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5426E-02		
		0.9159E+00	-0.3869E-02		
		0.9159E+00	-0.3870E-02		
		0.9159E+00	-0.3870E-02		
		0.9159E+00	-0.3871E-02		
		0.2936E+01	-0.1354E-03		
		0.4956E+01	-0.5065E-06		
		0.6976E+01	0.5139E-10		
		0.7261E+01	0.5347E-10		
		0.7545E+01	0.5455E-10		
		0.7830E+01	0.5488E-10		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4174E-02		
		0.6111E+00	-0.3091E-02		
		0.9159E+00	-0.2206E-02		
		0.9159E+00	-0.2206E-02		
		0.9159E+00	-0.2207E-02		
		0.9159E+00	-0.2207E-02		
		0.2936E+01	-0.7746E-04		
		0.4956E+01	-0.2901E-06		
		0.6976E+01	0.1224E-10		
		0.7261E+01	0.1333E-10		
		0.7545E+01	0.1389E-10		
		0.7830E+01	0.1407E-10		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1396E-02		
		0.9159E+00	-0.9972E-03		
		0.9159E+00	-0.9980E-03		
		0.9159E+00	-0.9988E-03		
		0.9159E+00	-0.9997E-03		
		0.2936E+01	-0.3534E-04		
		0.4956E+01	-0.1327E-06		
		0.6976E+01	0.2653E-11		
		0.7261E+01	0.3142E-11		
		0.7545E+01	0.3402E-11		
		0.7830E+01	0.3484E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2079E-03		
		0.3063E+00	-0.1692E-03		
		0.6111E+00	-0.1308E-03		
		0.9159E+00	-0.9496E-04		
		0.9159E+00	-0.9583E-04		
		0.9159E+00	-0.9670E-04		
		0.9159E+00	-0.9758E-04		
		0.2936E+01	-0.3872E-05		
		0.4956E+01	-0.1501E-07		
		0.6976E+01	0.1005E-11		
		0.7261E+01	0.1081E-11		
		0.7545E+01	0.1136E-11		
		0.7830E+01	0.1155E-11		
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7444E-02		
		0.6111E+00	-0.5585E-02		
		0.9159E+00	-0.4059E-02		
		0.9159E+00	-0.4060E-02		
		0.9159E+00	-0.4060E-02		
		0.9159E+00	-0.4061E-02		
		0.2936E+01	-0.1808E-03		
		0.4956E+01	-0.1081E-05		
		0.6976E+01	0.4013E-09		
		0.7261E+01	0.4106E-09		
		0.7545E+01	0.4155E-09		
		0.7830E+01	0.4170E-09		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4237E-02		
		0.6111E+00	-0.3183E-02		
		0.9159E+00	-0.2317E-02		
		0.9159E+00	-0.2317E-02		
		0.9159E+00	-0.2318E-02		
		0.9159E+00	-0.2319E-02		
		0.2936E+01	-0.1035E-03		
		0.4956E+01	-0.6197E-06		
		0.6976E+01	0.1182E-09		
		0.7261E+01	0.1229E-09		
		0.7545E+01	0.1253E-09		
		0.7830E+01	0.1261E-09		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1910E-02		
		0.6111E+00	-0.1439E-02		
		0.9159E+00	-0.1052E-02		
		0.9159E+00	-0.1053E-02		
		0.9159E+00	-0.1053E-02		
		0.9159E+00	-0.1054E-02		
		0.2936E+01	-0.4731E-04		
		0.4956E+01	-0.2840E-06		
		0.6976E+01	0.3201E-10		

		0.7261E+01	0.3408E-10		
		0.7545E+01	0.3520E-10		
		0.7830E+01	0.3555E-10		
5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2095E-03		
		0.3063E+00	-0.1732E-03		
		0.6111E+00	-0.1377E-03		
		0.9159E+00	-0.1061E-03		
		0.9159E+00	-0.1071E-03		
		0.9159E+00	-0.1082E-03		
		0.9159E+00	-0.1092E-03		
		0.2936E+01	-0.5311E-05		
		0.4956E+01	-0.3299E-07		
		0.6976E+01	0.8917E-11		
		0.7261E+01	0.9265E-11		
		0.7545E+01	0.9512E-11		
		0.7830E+01	0.9599E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5719E-02		
		0.9159E+00	-0.4218E-02		
		0.9159E+00	-0.4218E-02		
		0.9159E+00	-0.4218E-02		
		0.9159E+00	-0.4218E-02		
		0.2936E+01	-0.2300E-03		
		0.4956E+01	-0.2033E-05		
		0.6976E+01	0.2199E-08		
		0.7261E+01	0.2233E-08		
		0.7545E+01	0.2251E-08		
		0.7830E+01	0.2257E-08		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2407E-02		
		0.9159E+00	-0.2407E-02		
		0.9159E+00	-0.2406E-02		
		0.9159E+00	-0.2406E-02		
		0.2936E+01	-0.1317E-03		
		0.4956E+01	-0.1166E-05		
		0.6976E+01	0.7461E-09		
		0.7261E+01	0.7627E-09		
		0.7545E+01	0.7716E-09		
		0.7830E+01	0.7744E-09		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1093E-02		
		0.9159E+00	-0.1093E-02		
		0.9159E+00	-0.1092E-02		

		0.9159E+00	-0.1091E-02		
		0.2936E+01	-0.6026E-04		
		0.4956E+01	-0.5352E-06		
		0.6976E+01	0.2407E-09		
		0.7261E+01	0.2480E-09		
		0.7545E+01	0.2519E-09		
		0.7830E+01	0.2532E-09		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1414E-03		
		0.9159E+00	-0.1099E-03		
		0.9159E+00	-0.1095E-03		
		0.9159E+00	-0.1090E-03		
		0.9159E+00	-0.1086E-03		
		0.2936E+01	-0.6844E-05		
		0.4956E+01	-0.6333E-07		
		0.6976E+01	0.7626E-10		
		0.7261E+01	0.7765E-10		
		0.7545E+01	0.7860E-10		
		0.7830E+01	0.7893E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9708E-02		
		0.3063E+00	-0.7615E-02		
		0.6111E+00	-0.5839E-02		
		0.9159E+00	-0.4366E-02		
		0.9159E+00	-0.4364E-02		
		0.9159E+00	-0.4361E-02		
		0.9159E+00	-0.4358E-02		
		0.2936E+01	-0.2819E-03		
		0.4956E+01	-0.3470E-05		
		0.6976E+01	0.9282E-08		
		0.7261E+01	0.9386E-08		
		0.7545E+01	0.9443E-08		
		0.7830E+01	0.9462E-08		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4335E-02		
		0.6111E+00	-0.3330E-02		
		0.9159E+00	-0.2495E-02		
		0.9159E+00	-0.2491E-02		
		0.9159E+00	-0.2488E-02		
		0.9159E+00	-0.2485E-02		
		0.2936E+01	-0.1616E-03		
		0.4956E+01	-0.1992E-05		
		0.6976E+01	0.3496E-08		
		0.7261E+01	0.3546E-08		
		0.7545E+01	0.3574E-08		
		0.7830E+01	0.3583E-08		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2479E-02		
		0.3063E+00	-0.1956E-02		

		0.6111E+00	-0.1509E-02		
		0.9159E+00	-0.1136E-02		
		0.9159E+00	-0.1133E-02		
		0.9159E+00	-0.1130E-02		
		0.9159E+00	-0.1126E-02		
		0.2936E+01	-0.7405E-04		
		0.4956E+01	-0.9159E-06		
		0.6976E+01	0.1267E-08		
		0.7261E+01	0.1289E-08		
		0.7545E+01	0.1302E-08		
		0.7830E+01	0.1306E-08		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2121E-03		
		0.3063E+00	-0.1802E-03		
		0.6111E+00	-0.1491E-03		
		0.9159E+00	-0.1220E-03		
		0.9159E+00	-0.1184E-03		
		0.9159E+00	-0.1148E-03		
		0.9159E+00	-0.1112E-03		
		0.2936E+01	-0.8576E-05		
		0.4956E+01	-0.1109E-06		
		0.6976E+01	0.4488E-09		
		0.7261E+01	0.4538E-09		
		0.7545E+01	0.4571E-09		
		0.7830E+01	0.4583E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7683E-02		
		0.6111E+00	-0.5940E-02		
		0.9159E+00	-0.4489E-02		
		0.9159E+00	-0.4488E-02		
		0.9159E+00	-0.4488E-02		
		0.9159E+00	-0.4487E-02		
		0.2936E+01	-0.3357E-03		
		0.4956E+01	-0.5484E-05		
		0.6976E+01	0.3203E-07		
		0.7261E+01	0.3231E-07		
		0.7545E+01	0.3246E-07		
		0.7830E+01	0.3252E-07		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5533E-02		
		0.3063E+00	-0.4374E-02		
		0.6111E+00	-0.3387E-02		
		0.9159E+00	-0.2564E-02		
		0.9159E+00	-0.2563E-02		
		0.9159E+00	-0.2562E-02		
		0.9159E+00	-0.2561E-02		
		0.2936E+01	-0.1925E-03		
		0.4956E+01	-0.3151E-05		
		0.6976E+01	0.1312E-07		
		0.7261E+01	0.1326E-07		
		0.7545E+01	0.1334E-07		
		0.7830E+01	0.1336E-07		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2486E-02		
		0.3063E+00	-0.1973E-02		
		0.6111E+00	-0.1534E-02		
		0.9159E+00	-0.1166E-02		
		0.9159E+00	-0.1165E-02		
		0.9159E+00	-0.1164E-02		
		0.9159E+00	-0.1162E-02		
		0.2936E+01	-0.8836E-04		
		0.4956E+01	-0.1451E-05		
		0.6976E+01	0.5201E-08		
		0.7261E+01	0.5261E-08		
		0.7545E+01	0.5296E-08		
		0.7830E+01	0.5307E-08		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2129E-03		
		0.3063E+00	-0.1820E-03		
		0.6111E+00	-0.1512E-03		
		0.9159E+00	-0.1230E-03		
		0.9159E+00	-0.1218E-03		
		0.9159E+00	-0.1206E-03		
		0.9159E+00	-0.1194E-03		
		0.2936E+01	-0.1046E-04		
		0.4956E+01	-0.1799E-06		
		0.6976E+01	0.2010E-08		
		0.7261E+01	0.2026E-08		
		0.7545E+01	0.2037E-08		
		0.7830E+01	0.2040E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9757E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6027E-02		
		0.9159E+00	-0.4594E-02		
		0.9159E+00	-0.4595E-02		
		0.9159E+00	-0.4595E-02		
		0.9159E+00	-0.4596E-02		
		0.2936E+01	-0.3902E-03		
		0.4956E+01	-0.8148E-05		
		0.6976E+01	0.9410E-07		
		0.7261E+01	0.9478E-07		
		0.7545E+01	0.9517E-07		
		0.7830E+01	0.9530E-07		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2622E-02		
		0.9159E+00	-0.2624E-02		
		0.9159E+00	-0.2625E-02		
		0.9159E+00	-0.2626E-02		
		0.2936E+01	-0.2240E-03		
		0.4956E+01	-0.4685E-05		

		0.6976E+01	0.4140E-07		
		0.7261E+01	0.4173E-07		
		0.7545E+01	0.4193E-07		
		0.7830E+01	0.4199E-07		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1555E-02		
		0.9159E+00	-0.1188E-02		
		0.9159E+00	-0.1190E-02		
		0.9159E+00	-0.1192E-02		
		0.9159E+00	-0.1194E-02		
		0.2936E+01	-0.1029E-03		
		0.4956E+01	-0.2161E-05		
		0.6976E+01	0.1767E-07		
		0.7261E+01	0.1782E-07		
		0.7545E+01	0.1791E-07		
		0.7830E+01	0.1794E-07		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1825E-03		
		0.6111E+00	-0.1506E-03		
		0.9159E+00	-0.1187E-03		
		0.9159E+00	-0.1203E-03		
		0.9159E+00	-0.1219E-03		
		0.9159E+00	-0.1236E-03		
		0.2936E+01	-0.1233E-04		
		0.4956E+01	-0.2726E-06		
		0.6976E+01	0.7351E-08		
		0.7261E+01	0.7399E-08		
		0.7545E+01	0.7429E-08		
		0.7830E+01	0.7440E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.9159E+00	-0.4694E-02		
		0.9159E+00	-0.4694E-02		
		0.9159E+00	-0.4693E-02		
		0.2936E+01	-0.4450E-03		
		0.4956E+01	-0.1151E-04		
		0.6976E+01	0.2426E-06		
		0.7261E+01	0.2441E-06		
		0.7545E+01	0.2450E-06		
		0.7830E+01	0.2453E-06		
.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2680E-02		
		0.9159E+00	-0.2680E-02		

		0.9159E+00	-0.2680E-02		
		0.9159E+00	-0.2679E-02		
		0.2936E+01	-0.2555E-03		
		0.4956E+01	-0.6625E-05		
		0.6976E+01	0.1135E-06		
		0.7261E+01	0.1142E-06		
		0.7545E+01	0.1147E-06		
		0.7830E+01	0.1148E-06		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1576E-02		
		0.9159E+00	-0.1215E-02		
		0.9159E+00	-0.1216E-02		
		0.9159E+00	-0.1216E-02		
		0.9159E+00	-0.1216E-02		
		0.2936E+01	-0.1175E-03		
		0.4956E+01	-0.3061E-05		
		0.6976E+01	0.5161E-07		
		0.7261E+01	0.5197E-07		
		0.7545E+01	0.5218E-07		
		0.7830E+01	0.5226E-07		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1847E-03		
		0.6111E+00	-0.1542E-03		
		0.9159E+00	-0.1243E-03		
		0.9159E+00	-0.1242E-03		
		0.9159E+00	-0.1242E-03		
		0.9159E+00	-0.1242E-03		
		0.2936E+01	-0.1431E-04		
		0.4956E+01	-0.3934E-06		
		0.6976E+01	0.2288E-07		
		0.7261E+01	0.2301E-07		
		0.7545E+01	0.2309E-07		
		0.7830E+01	0.2312E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4784E-02		
		0.9159E+00	-0.4787E-02		
		0.9159E+00	-0.4790E-02		
		0.9159E+00	-0.4793E-02		
		0.2936E+01	-0.4994E-03		
		0.4956E+01	-0.1561E-04		
		0.6976E+01	0.5618E-06		
		0.7261E+01	0.5648E-06		
		0.7545E+01	0.5666E-06		
		0.7830E+01	0.5673E-06		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3525E-02		
		0.9159E+00	-0.2734E-02		
		0.9159E+00	-0.2736E-02		
		0.9159E+00	-0.2739E-02		
		0.9159E+00	-0.2742E-02		
		0.2936E+01	-0.2870E-03		
		0.4956E+01	-0.8986E-05		
		0.6976E+01	0.2772E-06		
		0.7261E+01	0.2788E-06		
		0.7545E+01	0.2797E-06		
		0.7830E+01	0.2800E-06		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1598E-02		
		0.9159E+00	-0.1245E-02		
		0.9159E+00	-0.1247E-02		
		0.9159E+00	-0.1250E-02		
		0.9159E+00	-0.1252E-02		
		0.2936E+01	-0.1322E-03		
		0.4956E+01	-0.4158E-05		
		0.6976E+01	0.1332E-06		
		0.7261E+01	0.1340E-06		
		0.7545E+01	0.1345E-06		
		0.7830E+01	0.1346E-06		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2150E-03		
		0.3063E+00	-0.1875E-03		
		0.6111E+00	-0.1592E-03		
		0.9159E+00	-0.1325E-03		
		0.9159E+00	-0.1353E-03		
		0.9159E+00	-0.1381E-03		
		0.9159E+00	-0.1410E-03		
		0.2936E+01	-0.1639E-04		
		0.4956E+01	-0.5438E-06		
		0.6976E+01	0.6248E-07		
		0.7261E+01	0.6280E-07		
		0.7545E+01	0.6299E-07		
		0.7830E+01	0.6306E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7883E-02		
		0.6111E+00	-0.6246E-02		
		0.9159E+00	-0.4873E-02		
		0.9159E+00	-0.4873E-02		
		0.9159E+00	-0.4872E-02		
		0.9159E+00	-0.4872E-02		
		0.2936E+01	-0.5530E-03		
		0.4956E+01	-0.2043E-04		
		0.6976E+01	0.1189E-05		
		0.7261E+01	0.1195E-05		
		0.7545E+01	0.1198E-05		

		0.7830E+01	0.1199E-05		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4490E-02		
		0.6111E+00	-0.3564E-02		
		0.9159E+00	-0.2786E-02		
		0.9159E+00	-0.2786E-02		
		0.9159E+00	-0.2786E-02		
		0.9159E+00	-0.2786E-02		
		0.2936E+01	-0.3178E-03		
		0.4956E+01	-0.1177E-04		
		0.6976E+01	0.6148E-06		
		0.7261E+01	0.6179E-06		
		0.7545E+01	0.6198E-06		
		0.7830E+01	0.6204E-06		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2507E-02		
		0.3063E+00	-0.2027E-02		
		0.6111E+00	-0.1616E-02		
		0.9159E+00	-0.1270E-02		
		0.9159E+00	-0.1270E-02		
		0.9159E+00	-0.1270E-02		
		0.9159E+00	-0.1270E-02		
		0.2936E+01	-0.1465E-03		
		0.4956E+01	-0.5454E-05		
		0.6976E+01	0.3103E-06		
		0.7261E+01	0.3119E-06		
		0.7545E+01	0.3129E-06		
		0.7830E+01	0.3132E-06		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2157E-03		
		0.3063E+00	-0.1893E-03		
		0.6111E+00	-0.1626E-03		
		0.9159E+00	-0.1389E-03		
		0.9159E+00	-0.1386E-03		
		0.9159E+00	-0.1382E-03		
		0.9159E+00	-0.1379E-03		
		0.2936E+01	-0.1826E-04		
		0.4956E+01	-0.7239E-06		
		0.6976E+01	0.1530E-06		
		0.7261E+01	0.1537E-06		
		0.7545E+01	0.1541E-06		
		0.7830E+01	0.1543E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9828E-02		
		0.3063E+00	-0.7921E-02		
		0.6111E+00	-0.6303E-02		
		0.9159E+00	-0.4943E-02		
		0.9159E+00	-0.4943E-02		
		0.9159E+00	-0.4943E-02		
		0.9159E+00	-0.4943E-02		
		0.2936E+01	-0.6056E-03		

		0.4956E+01	-0.2598E-04		
		0.6976E+01	0.2331E-05		
		0.7261E+01	0.2342E-05		
		0.7545E+01	0.2348E-05		
		0.7830E+01	0.2350E-05		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5587E-02		
		0.3063E+00	-0.4513E-02		
		0.6111E+00	-0.3598E-02		
		0.9159E+00	-0.2828E-02		
		0.9159E+00	-0.2828E-02		
		0.9159E+00	-0.2827E-02		
		0.9159E+00	-0.2826E-02		
		0.2936E+01	-0.3483E-03		
		0.4956E+01	-0.1498E-04		
		0.6976E+01	0.1257E-05		
		0.7261E+01	0.1263E-05		
		0.7545E+01	0.1266E-05		
		0.7830E+01	0.1268E-05		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2511E-02		
		0.3063E+00	-0.2038E-02		
		0.6111E+00	-0.1632E-02		
		0.9159E+00	-0.1288E-02		
		0.9159E+00	-0.1287E-02		
		0.9159E+00	-0.1286E-02		
		0.9159E+00	-0.1285E-02		
		0.2936E+01	-0.1607E-03		
		0.4956E+01	-0.6951E-05		
		0.6976E+01	0.6626E-06		
		0.7261E+01	0.6657E-06		
		0.7545E+01	0.6676E-06		
		0.7830E+01	0.6682E-06		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2166E-03		
		0.3063E+00	-0.1915E-03		
		0.6111E+00	-0.1655E-03		
		0.9159E+00	-0.1406E-03		
		0.9159E+00	-0.1385E-03		
		0.9159E+00	-0.1365E-03		
		0.9159E+00	-0.1344E-03		
		0.2936E+01	-0.2033E-04		
		0.4956E+01	-0.9381E-06		
		0.6976E+01	0.3415E-06		
		0.7261E+01	0.3430E-06		
		0.7545E+01	0.3439E-06		
		0.7830E+01	0.3442E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7951E-02		
		0.6111E+00	-0.6347E-02		
		0.9159E+00	-0.4996E-02		

		0.9159E+00	-0.4997E-02		
		0.9159E+00	-0.4997E-02		
		0.9159E+00	-0.4998E-02		
		0.2936E+01	-0.6567E-03		
		0.4956E+01	-0.3222E-04		
		0.6976E+01	0.4286E-05		
		0.7261E+01	0.4303E-05		
		0.7545E+01	0.4314E-05		
		0.7830E+01	0.4318E-05		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5593E-02		
		0.3063E+00	-0.4528E-02		
		0.6111E+00	-0.3620E-02		
		0.9159E+00	-0.2852E-02		
		0.9159E+00	-0.2853E-02		
		0.9159E+00	-0.2854E-02		
		0.9159E+00	-0.2855E-02		
		0.2936E+01	-0.3778E-03		
		0.4956E+01	-0.1859E-04		
		0.6976E+01	0.2399E-05		
		0.7261E+01	0.2409E-05		
		0.7545E+01	0.2415E-05		
		0.7830E+01	0.2417E-05		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2513E-02		
		0.3063E+00	-0.2043E-02		
		0.6111E+00	-0.1639E-02		
		0.9159E+00	-0.1293E-02		
		0.9159E+00	-0.1294E-02		
		0.9159E+00	-0.1295E-02		
		0.9159E+00	-0.1296E-02		
		0.2936E+01	-0.1745E-03		
		0.4956E+01	-0.8641E-05		
		0.6976E+01	0.1314E-05		
		0.7261E+01	0.1320E-05		
		0.7545E+01	0.1323E-05		
		0.7830E+01	0.1325E-05		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1892E-03		
		0.6111E+00	-0.1609E-03		
		0.9159E+00	-0.1325E-03		
		0.9159E+00	-0.1326E-03		
		0.9159E+00	-0.1328E-03		
		0.9159E+00	-0.1329E-03		
		0.2936E+01	-0.2227E-04		
		0.4956E+01	-0.1185E-05		
		0.6976E+01	0.7051E-06		
		0.7261E+01	0.7079E-06		
		0.7545E+01	0.7096E-06		
		0.7830E+01	0.7103E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02		
		0.3063E+00	-0.7984E-02		
		0.6111E+00	-0.6400E-02		
		0.9159E+00	-0.5069E-02		
		0.9159E+00	-0.5068E-02		
		0.9159E+00	-0.5067E-02		
		0.9159E+00	-0.5066E-02		
		0.2936E+01	-0.7066E-03		
		0.4956E+01	-0.3911E-04		
		0.6976E+01	0.7451E-05		
		0.7261E+01	0.7480E-05		
		0.7545E+01	0.7497E-05		
		0.7830E+01	0.7503E-05		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.5601E-02		
		0.3063E+00	-0.4548E-02		
		0.6111E+00	-0.3653E-02		
		0.9159E+00	-0.2899E-02		
		0.9159E+00	-0.2899E-02		
		0.9159E+00	-0.2899E-02		
		0.9159E+00	-0.2900E-02		
		0.2936E+01	-0.4069E-03		
		0.4956E+01	-0.2259E-04		
		0.6976E+01	0.4313E-05		
		0.7261E+01	0.4330E-05		
		0.7545E+01	0.4340E-05		
		0.7830E+01	0.4344E-05		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2054E-02		
		0.6111E+00	-0.1658E-02		
		0.9159E+00	-0.1323E-02		
		0.9159E+00	-0.1323E-02		
		0.9159E+00	-0.1322E-02		
		0.9159E+00	-0.1322E-02		
		0.2936E+01	-0.1882E-03		
		0.4956E+01	-0.1051E-04		
		0.6976E+01	0.2447E-05		
		0.7261E+01	0.2457E-05		
		0.7545E+01	0.2463E-05		
		0.7830E+01	0.2465E-05		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1946E-03		
		0.6111E+00	-0.1712E-03		
		0.9159E+00	-0.1506E-03		
		0.9159E+00	-0.1497E-03		
		0.9159E+00	-0.1488E-03		
		0.9159E+00	-0.1479E-03		
		0.2936E+01	-0.2453E-04		
		0.4956E+01	-0.1465E-05		
		0.6976E+01	0.1361E-05		
		0.7261E+01	0.1366E-05		
		0.7545E+01	0.1369E-05		
		0.7830E+01	0.1370E-05		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8009E-02		
		0.6111E+00	-0.6438E-02		
		0.9159E+00	-0.5113E-02		
		0.9159E+00	-0.5111E-02		
		0.9159E+00	-0.5109E-02		
		0.9159E+00	-0.5107E-02		
		0.2936E+01	-0.7545E-03		
		0.4956E+01	-0.4660E-04		
		0.6976E+01	0.1234E-04		
		0.7261E+01	0.1239E-04		
		0.7545E+01	0.1242E-04		
		0.7830E+01	0.1243E-04		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4561E-02		
		0.6111E+00	-0.3672E-02		
		0.9159E+00	-0.2918E-02		
		0.9159E+00	-0.2917E-02		
		0.9159E+00	-0.2916E-02		
		0.9159E+00	-0.2915E-02		
		0.2936E+01	-0.4345E-03		
		0.4956E+01	-0.2693E-04		
		0.6976E+01	0.7366E-05		
		0.7261E+01	0.7393E-05		
		0.7545E+01	0.7410E-05		
		0.7830E+01	0.7416E-05		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2060E-02		
		0.6111E+00	-0.1666E-02		
		0.9159E+00	-0.1330E-02		
		0.9159E+00	-0.1328E-02		
		0.9159E+00	-0.1326E-02		
		0.9159E+00	-0.1324E-02		
		0.2936E+01	-0.2011E-03		
		0.4956E+01	-0.1255E-04		
		0.6976E+01	0.4313E-05		
		0.7261E+01	0.4329E-05		
		0.7545E+01	0.4339E-05		
		0.7830E+01	0.4342E-05		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2175E-03		
		0.3063E+00	-0.1936E-03		
		0.6111E+00	-0.1682E-03		
		0.9159E+00	-0.1428E-03		
		0.9159E+00	-0.1391E-03		
		0.9159E+00	-0.1354E-03		
		0.9159E+00	-0.1317E-03		
		0.2936E+01	-0.2627E-04		
		0.4956E+01	-0.1774E-05		
		0.6976E+01	0.2478E-05		
		0.7261E+01	0.2487E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.7545E+01	0.2492E-05		
		0.7830E+01	0.2494E-05		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8036E-02		
		0.6111E+00	-0.6479E-02		
		0.9159E+00	-0.5169E-02		
		0.9159E+00	-0.5171E-02		
		0.9159E+00	-0.5173E-02		
		0.9159E+00	-0.5175E-02		
		0.2936E+01	-0.8009E-03		
		0.4956E+01	-0.5461E-04		
		0.6976E+01	0.1961E-04		
		0.7261E+01	0.1968E-04		
		0.7545E+01	0.1972E-04		
		0.7830E+01	0.1973E-04		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4576E-02		
		0.6111E+00	-0.3695E-02		
		0.9159E+00	-0.2950E-02		
		0.9159E+00	-0.2953E-02		
		0.9159E+00	-0.2956E-02		
		0.9159E+00	-0.2959E-02		
		0.2936E+01	-0.4614E-03		
		0.4956E+01	-0.3158E-04		
		0.6976E+01	0.1203E-04		
		0.7261E+01	0.1207E-04		
		0.7545E+01	0.1209E-04		
		0.7830E+01	0.1210E-04		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1343E-02		
		0.9159E+00	-0.1346E-02		
		0.9159E+00	-0.1348E-02		
		0.9159E+00	-0.1350E-02		
		0.2936E+01	-0.2137E-03		
		0.4956E+01	-0.1473E-04		
		0.6976E+01	0.7247E-05		
		0.7261E+01	0.7272E-05		
		0.7545E+01	0.7288E-05		
		0.7830E+01	0.7293E-05		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1686E-03		
		0.9159E+00	-0.1423E-03		
		0.9159E+00	-0.1440E-03		
		0.9159E+00	-0.1457E-03		
		0.9159E+00	-0.1474E-03		

		0.2936E+01	-0.2824E-04		
		0.4956E+01	-0.2100E-05		
		0.6976E+01	0.4289E-05		
		0.7261E+01	0.4303E-05		
		0.7545E+01	0.4312E-05		
		0.7830E+01	0.4316E-05		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9882E-02		
		0.3063E+00	-0.8062E-02		
		0.6111E+00	-0.6522E-02		
		0.9159E+00	-0.5229E-02		
		0.9159E+00	-0.5222E-02		
		0.9159E+00	-0.5216E-02		
		0.9159E+00	-0.5209E-02		
		0.2936E+01	-0.8454E-03		
		0.4956E+01	-0.6309E-04		
		0.6976E+01	0.3002E-04		
		0.7261E+01	0.3011E-04		
		0.7545E+01	0.3017E-04		
		0.7830E+01	0.3019E-04		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5618E-02		
		0.3063E+00	-0.4594E-02		
		0.6111E+00	-0.3725E-02		
		0.9159E+00	-0.2993E-02		
		0.9159E+00	-0.2988E-02		
		0.9159E+00	-0.2983E-02		
		0.9159E+00	-0.2978E-02		
		0.2936E+01	-0.4873E-03		
		0.4956E+01	-0.3651E-04		
		0.6976E+01	0.1888E-04		
		0.7261E+01	0.1894E-04		
		0.7545E+01	0.1898E-04		
		0.7830E+01	0.1899E-04		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2526E-02		
		0.3063E+00	-0.2078E-02		
		0.6111E+00	-0.1695E-02		
		0.9159E+00	-0.1372E-02		
		0.9159E+00	-0.1367E-02		
		0.9159E+00	-0.1363E-02		
		0.9159E+00	-0.1358E-02		
		0.2936E+01	-0.2260E-03		
		0.4956E+01	-0.1706E-04		
		0.6976E+01	0.1168E-04		
		0.7261E+01	0.1172E-04		
		0.7545E+01	0.1174E-04		
		0.7830E+01	0.1175E-04		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2198E-03		
		0.3063E+00	-0.2000E-03		
		0.6111E+00	-0.1802E-03		

		0.9159E+00	-0.1632E-03		
		0.9159E+00	-0.1576E-03		
		0.9159E+00	-0.1521E-03		
		0.9159E+00	-0.1465E-03		
		0.2936E+01	-0.3032E-04		
		0.4956E+01	-0.2466E-05		
		0.6976E+01	0.7099E-05		
		0.7261E+01	0.7122E-05		
		0.7545E+01	0.7137E-05		
		0.7830E+01	0.7142E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8079E-02		
		0.6111E+00	-0.6547E-02		
		0.9159E+00	-0.5255E-02		
		0.9159E+00	-0.5255E-02		
		0.9159E+00	-0.5256E-02		
		0.9159E+00	-0.5257E-02		
		0.2936E+01	-0.8881E-03		
		0.4956E+01	-0.7194E-04		
		0.6976E+01	0.4448E-04		
		0.7261E+01	0.4461E-04		
		0.7545E+01	0.4470E-04		
		0.7830E+01	0.4473E-04		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4604E-02		
		0.6111E+00	-0.3739E-02		
		0.9159E+00	-0.3008E-02		
		0.9159E+00	-0.3008E-02		
		0.9159E+00	-0.3007E-02		
		0.9159E+00	-0.3006E-02		
		0.2936E+01	-0.5120E-03		
		0.4956E+01	-0.4166E-04		
		0.6976E+01	0.2862E-04		
		0.7261E+01	0.2871E-04		
		0.7545E+01	0.2877E-04		
		0.7830E+01	0.2879E-04		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2528E-02		
		0.3063E+00	-0.2081E-02		
		0.6111E+00	-0.1700E-02		
		0.9159E+00	-0.1375E-02		
		0.9159E+00	-0.1373E-02		
		0.9159E+00	-0.1371E-02		
		0.9159E+00	-0.1369E-02		
		0.2936E+01	-0.2375E-03		
		0.4956E+01	-0.1947E-04		
		0.6976E+01	0.1813E-04		
		0.7261E+01	0.1819E-04		
		0.7545E+01	0.1822E-04		
		0.7830E+01	0.1824E-04		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2194E-03		
		0.3063E+00	-0.1988E-03		
		0.6111E+00	-0.1769E-03		
		0.9159E+00	-0.1556E-03		
		0.9159E+00	-0.1528E-03		
		0.9159E+00	-0.1501E-03		
		0.9159E+00	-0.1473E-03		
		0.2936E+01	-0.3191E-04		
		0.4956E+01	-0.2832E-05		
		0.6976E+01	0.1130E-04		
		0.7261E+01	0.1133E-04		
		0.7545E+01	0.1136E-04		
		0.7830E+01	0.1136E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9895E-02		
		0.3063E+00	-0.8095E-02		
		0.6111E+00	-0.6571E-02		
		0.9159E+00	-0.5286E-02		
		0.9159E+00	-0.5287E-02		
		0.9159E+00	-0.5288E-02		
		0.9159E+00	-0.5289E-02		
		0.2936E+01	-0.9292E-03		
		0.4956E+01	-0.8111E-04		
		0.6976E+01	0.6402E-04		
		0.7261E+01	0.6421E-04		
		0.7545E+01	0.6432E-04		
		0.7830E+01	0.6437E-04		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5625E-02		
		0.3063E+00	-0.4611E-02		
		0.6111E+00	-0.3749E-02		
		0.9159E+00	-0.3019E-02		
		0.9159E+00	-0.3021E-02		
		0.9159E+00	-0.3024E-02		
		0.9159E+00	-0.3026E-02		
		0.2936E+01	-0.5361E-03		
		0.4956E+01	-0.4699E-04		
		0.6976E+01	0.4208E-04		
		0.7261E+01	0.4221E-04		
		0.7545E+01	0.4228E-04		
		0.7830E+01	0.4231E-04		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2528E-02		
		0.3063E+00	-0.2082E-02		
		0.6111E+00	-0.1698E-02		
		0.9159E+00	-0.1370E-02		
		0.9159E+00	-0.1373E-02		
		0.9159E+00	-0.1376E-02		
		0.9159E+00	-0.1380E-02		
		0.2936E+01	-0.2490E-03		
		0.4956E+01	-0.2199E-04		
		0.6976E+01	0.2724E-04		

		0.7261E+01	0.2733E-04		
		0.7545E+01	0.2738E-04		
		0.7830E+01	0.2739E-04		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2181E-03		
		0.3063E+00	-0.1952E-03		
		0.6111E+00	-0.1700E-03		
		0.9159E+00	-0.1435E-03		
		0.9159E+00	-0.1458E-03		
		0.9159E+00	-0.1482E-03		
		0.9159E+00	-0.1505E-03		
		0.2936E+01	-0.3404E-04		
		0.4956E+01	-0.3221E-05		
		0.6976E+01	0.1737E-04		
		0.7261E+01	0.1742E-04		
		0.7545E+01	0.1745E-04		
		0.7830E+01	0.1746E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9902E-02		
		0.3063E+00	-0.8113E-02		
		0.6111E+00	-0.6600E-02		
		0.9159E+00	-0.5327E-02		
		0.9159E+00	-0.5324E-02		
		0.9159E+00	-0.5321E-02		
		0.9159E+00	-0.5319E-02		
		0.2936E+01	-0.9606E-03		
		0.4956E+01	-0.8858E-04		
		0.6976E+01	0.8409E-04		
		0.7261E+01	0.8433E-04		
		0.7545E+01	0.8448E-04		
		0.7830E+01	0.8453E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5630E-02		
		0.3063E+00	-0.4624E-02		
		0.6111E+00	-0.3772E-02		
		0.9159E+00	-0.3054E-02		
		0.9159E+00	-0.3050E-02		
		0.9159E+00	-0.3045E-02		
		0.9159E+00	-0.3041E-02		
		0.2936E+01	-0.5545E-03		
		0.4956E+01	-0.5134E-04		
		0.6976E+01	0.5614E-04		
		0.7261E+01	0.5631E-04		
		0.7545E+01	0.5641E-04		
		0.7830E+01	0.5644E-04		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2531E-02		
		0.3063E+00	-0.2091E-02		
		0.6111E+00	-0.1716E-02		
		0.9159E+00	-0.1400E-02		
		0.9159E+00	-0.1397E-02		
		0.9159E+00	-0.1393E-02		

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                    0.9159E+00 -0.1390E-02
                    0.2936E+01 -0.2578E-03
                    0.4956E+01 -0.2404E-04
                    0.6976E+01  0.3694E-04
                    0.7261E+01  0.3705E-04
                    0.7545E+01  0.3712E-04
                    0.7830E+01  0.3714E-04

0.1340E+03  0.2501E+03  0.0000E+00 -0.2313E-03      0.1379E+03  0.0000E+00
                    0.1500E-02 -0.2201E-03
                    0.3063E+00 -0.2009E-03
                    0.6111E+00 -0.1812E-03
                    0.9159E+00 -0.1638E-03
                    0.9159E+00 -0.1598E-03
                    0.9159E+00 -0.1558E-03
                    0.9159E+00 -0.1519E-03
                    0.2936E+01 -0.3556E-04
                    0.4956E+01 -0.3527E-05
                    0.6976E+01  0.2395E-04
                    0.7261E+01  0.2402E-04
                    0.7545E+01  0.2407E-04
                    0.7830E+01  0.2408E-04 ←
```

N O T I C E

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*                                                *
*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -       10:36: 4           *
*           EXECUTION TIME    0: 1: 2           *
*                                                *
*                                                *
```

****

CLR12

Berry Clay/Radnor Till
Coef. of Hydro. Disp. = 0.01975 m^2/yr
(Increased by 25%)

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*********************************************************
*                                                       *
*                                                       *
*                    M I G R A T E v 9                  *
*                                                       *
*                      VERSION 9.0.7                    *
*                                                       *
*                   REVISION - 4/16/1996                *
*                                                       *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996     *
*                                                       *
*                                                       *
*                                                       *
*                                                       *
*                 RUN DATE -   15-11- 8                 *
*                 TIME     -   11: 3: 8                 *
*                                                       *
*********************************************************
```

****
Clinton LF No. 3 (CWU) CLR12 (BC/RT 0.01975)
****

SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.198E-01	.198E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.198E-01	.198E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
	.198E-01	.198E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.1927E-07		
		0.3820E+01	-0.2855E-16		
		0.5840E+01	-0.4469E-22		
		0.7860E+01	-0.2788E-30		
		0.8145E+01	-0.1808E-30		
		0.8429E+01	-0.1326E-30		
		0.8714E+01	-0.1181E-30		
5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3292E-06		
		0.1800E+01	-0.1095E-07		
		0.3820E+01	-0.1624E-16		
		0.5840E+01	-0.2554E-22		
		0.7860E+01	-0.1393E-30		
		0.8145E+01	-0.8251E-31		
		0.8429E+01	-0.5399E-31		
		0.8714E+01	-0.4535E-31		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.4918E-08		
		0.3820E+01	-0.7311E-17		
		0.5840E+01	-0.1162E-22		
		0.7860E+01	-0.7236E-31		
		0.8145E+01	-0.4619E-31		
		0.8429E+01	-0.3247E-31		
		0.8714E+01	-0.2822E-31		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4192E-09		
		0.3820E+01	-0.6504E-18		
		0.5840E+01	-0.1229E-23		
		0.7860E+01	-0.1799E-31		
		0.8145E+01	-0.1466E-31		
		0.8429E+01	-0.1205E-31		
		0.8714E+01	-0.1111E-31		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4053E-04		
		0.1800E+01	-0.6593E-05		
		0.3820E+01	-0.4723E-12		
		0.5840E+01	-0.1424E-17		
		0.7860E+01	0.1506E-21		
		0.8145E+01	0.1321E-21		
		0.8429E+01	0.1229E-21		
		0.8714E+01	0.1202E-21		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2305E-04		
		0.1800E+01	-0.3750E-05		
		0.3820E+01	-0.2687E-12		
		0.5840E+01	-0.7863E-18		
		0.7860E+01	0.4027E-22		
		0.8145E+01	0.2906E-22		
		0.8429E+01	0.2339E-22		
		0.8714E+01	0.2167E-22		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1037E-04		
		0.1800E+01	-0.1687E-05		
		0.3820E+01	-0.1210E-12		
		0.5840E+01	-0.3292E-18		
		0.7860E+01	0.1685E-22		
		0.8145E+01	0.1159E-22		
		0.8429E+01	0.8801E-23		
		0.8714E+01	0.7934E-23		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9114E-06		
		0.1800E+01	-0.1488E-06		
		0.3820E+01	-0.1084E-13		
		0.5840E+01	0.9384E-20		
		0.7860E+01	0.4455E-23		
		0.8145E+01	0.3727E-23		
		0.8429E+01	0.3170E-23		
		0.8714E+01	0.2971E-23		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5284E-03		
		0.1505E+01	-0.1823E-03		
		0.1800E+01	-0.5093E-04		
		0.3820E+01	-0.6990E-09		
		0.5840E+01	0.1942E-17		
		0.7860E+01	-0.6446E-18		
		0.8145E+01	-0.6632E-18		
		0.8429E+01	-0.6726E-18		

		0.8714E+01	-0.6756E-18		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3006E-03		
		0.1505E+01	-0.1038E-03		
		0.1800E+01	-0.2899E-04		
		0.3820E+01	-0.3981E-09		
		0.5840E+01	0.2851E-17		
		0.7860E+01	-0.3133E-18		
		0.8145E+01	-0.3258E-18		
		0.8429E+01	-0.3324E-18		
		0.8714E+01	-0.3345E-18		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1354E-03		
		0.1505E+01	-0.4675E-04		
		0.1800E+01	-0.1307E-04		
		0.3820E+01	-0.1797E-09		
		0.5840E+01	0.3133E-17		
		0.7860E+01	-0.4575E-19		
		0.8145E+01	-0.5127E-19		
		0.8429E+01	-0.5427E-19		
		0.8714E+01	-0.5522E-19		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1215E-04		
		0.1505E+01	-0.4224E-05		
		0.1800E+01	-0.1188E-05		
		0.3820E+01	-0.1676E-10		
		0.5840E+01	0.3166E-17		
		0.7860E+01	0.1481E-19		
		0.8145E+01	0.1408E-19		
		0.8429E+01	0.1353E-19		
		0.8714E+01	0.1334E-19		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9197E-03		
		0.1505E+01	-0.3984E-03		
		0.1800E+01	-0.1466E-03		
		0.3820E+01	-0.2814E-07		

		0.5840E+01	-0.3808E-13		
		0.7860E+01	-0.2692E-16		
		0.8145E+01	-0.2750E-16		
		0.8429E+01	-0.2785E-16		
		0.8714E+01	-0.2797E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5236E-03		
		0.1505E+01	-0.2269E-03		
		0.1800E+01	-0.8352E-04		
		0.3820E+01	-0.1604E-07		
		0.5840E+01	-0.2173E-13		
		0.7860E+01	0.3263E-16		
		0.8145E+01	0.3263E-16		
		0.8429E+01	0.3262E-16		
		0.8714E+01	0.3263E-16		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4832E-03		
		0.1211E+01	-0.2361E-03		
		0.1505E+01	-0.1024E-03		
		0.1800E+01	-0.3771E-04		
		0.3820E+01	-0.7257E-08		
		0.5840E+01	-0.9850E-14		
		0.7860E+01	0.2338E-16		
		0.8145E+01	0.2352E-16		
		0.8429E+01	0.2360E-16		
		0.8714E+01	0.2363E-16		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4377E-04		
		0.1211E+01	-0.2166E-04		
		0.1505E+01	-0.9478E-05		
		0.1800E+01	-0.3522E-05		
		0.3820E+01	-0.7017E-09		
		0.5840E+01	-0.9826E-15		
		0.7860E+01	0.5592E-17		
		0.8145E+01	0.5668E-17		
		0.8429E+01	0.5713E-17		
		0.8714E+01	0.5729E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4041E-02		
		0.9159E+00	-0.2371E-02		

		0.1211E+01	-0.1298E-02		
		0.1505E+01	-0.6451E-03		
		0.1800E+01	-0.2810E-03		
		0.3820E+01	-0.2644E-06		
		0.5840E+01	-0.5185E-11		
		0.7860E+01	0.8084E-15		
		0.8145E+01	0.8200E-15		
		0.8429E+01	0.8269E-15		
		0.8714E+01	0.8293E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7391E-03		
		0.1505E+01	-0.3676E-03		
		0.1800E+01	-0.1601E-03		
		0.3820E+01	-0.1509E-06		
		0.5840E+01	-0.2960E-11		
		0.7860E+01	-0.4883E-15		
		0.8145E+01	-0.4852E-15		
		0.8429E+01	-0.4834E-15		
		0.8714E+01	-0.4828E-15		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6089E-03		
		0.1211E+01	-0.3337E-03		
		0.1505E+01	-0.1661E-03		
		0.1800E+01	-0.7240E-04		
		0.3820E+01	-0.6840E-07		
		0.5840E+01	-0.1343E-11		
		0.7860E+01	-0.5970E-15		
		0.8145E+01	-0.5988E-15		
		0.8429E+01	-0.5999E-15		
		0.8714E+01	-0.6003E-15		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9335E-04		
		0.9159E+00	-0.5606E-04		
		0.1211E+01	-0.3121E-04		
		0.1505E+01	-0.1572E-04		
		0.1800E+01	-0.6932E-05		
		0.3820E+01	-0.6840E-08		
		0.5840E+01	-0.1363E-12		
		0.7860E+01	-0.2321E-15		
		0.8145E+01	-0.2342E-15		
		0.8429E+01	-0.2354E-15		
		0.8714E+01	-0.2359E-15		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4442E-02		
		0.9159E+00	-0.2777E-02		
		0.1211E+01	-0.1642E-02		
		0.1505E+01	-0.8954E-03		
		0.1800E+01	-0.4369E-03		
		0.3820E+01	-0.1191E-05		
		0.5840E+01	-0.1329E-09		
		0.7860E+01	-0.6052E-15		
		0.8145E+01	-0.6498E-15		
		0.8429E+01	-0.6779E-15		
		0.8714E+01	-0.6875E-15		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2528E-02		
		0.9159E+00	-0.1582E-02		
		0.1211E+01	-0.9354E-03		
		0.1505E+01	-0.5104E-03		
		0.1800E+01	-0.2492E-03		
		0.3820E+01	-0.6803E-06		
		0.5840E+01	-0.7596E-10		
		0.7860E+01	0.6177E-14		
		0.8145E+01	0.6181E-14		
		0.8429E+01	0.6183E-14		
		0.8714E+01	0.6184E-14		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7141E-03		
		0.1211E+01	-0.4228E-03		
		0.1505E+01	-0.2309E-03		
		0.1800E+01	-0.1128E-03		
		0.3820E+01	-0.3091E-06		
		0.5840E+01	-0.3456E-10		
		0.7860E+01	0.5086E-14		
		0.8145E+01	0.5113E-14		
		0.8429E+01	0.5129E-14		
		0.8714E+01	0.5135E-14		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.1999E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6672E-04		
		0.1211E+01	-0.4024E-04		
		0.1505E+01	-0.2230E-04		
		0.1800E+01	-0.1105E-04		
		0.3820E+01	-0.3190E-07		
		0.5840E+01	-0.3633E-11		
		0.7860E+01	0.1297E-14		
		0.8145E+01	0.1317E-14		
		0.8429E+01	0.1329E-14		
		0.8714E+01	0.1333E-14		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6868E-02		
		0.6111E+00	-0.4762E-02		
		0.9159E+00	-0.3117E-02		
		0.1211E+01	-0.1948E-02		
		0.1505E+01	-0.1136E-02		
		0.1800E+01	-0.6015E-03		
		0.3820E+01	-0.3512E-05		
		0.5840E+01	-0.1360E-08		
		0.7860E+01	-0.3480E-13		
		0.8145E+01	-0.3427E-13		
		0.8429E+01	-0.3400E-13		
		0.8714E+01	-0.3393E-13		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2711E-02		
		0.9159E+00	-0.1776E-02		
		0.1211E+01	-0.1110E-02		
		0.1505E+01	-0.6476E-03		
		0.1800E+01	-0.3432E-03		
		0.3820E+01	-0.2008E-05		
		0.5840E+01	-0.7781E-09		
		0.7860E+01	-0.3360E-13		
		0.8145E+01	-0.3345E-13		
		0.8429E+01	-0.3338E-13		
		0.8714E+01	-0.3337E-13		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8025E-03		
		0.1211E+01	-0.5024E-03		
		0.1505E+01	-0.2933E-03		
		0.1800E+01	-0.1556E-03		
		0.3820E+01	-0.9140E-06		
		0.5840E+01	-0.3548E-09		
		0.7860E+01	-0.1114E-13		
		0.8145E+01	-0.1114E-13		
		0.8429E+01	-0.1115E-13		
		0.8714E+01	-0.1116E-13		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7597E-04		
		0.1211E+01	-0.4857E-04		
		0.1505E+01	-0.2884E-04		
		0.1800E+01	-0.1556E-04		
		0.3820E+01	-0.9713E-07		
		0.5840E+01	-0.3855E-10		
		0.7860E+01	0.7636E-14		
		0.8145E+01	0.7605E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.7588E-14		
		0.8714E+01	0.7584E-14		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7055E-02		
		0.6111E+00	-0.5023E-02		
		0.9159E+00	-0.3404E-02		
		0.1211E+01	-0.2218E-02		
		0.1505E+01	-0.1359E-02		
		0.1800E+01	-0.7662E-03		
		0.3820E+01	-0.7929E-05		
		0.5840E+01	-0.7816E-08		
		0.7860E+01	0.1239E-12		
		0.8145E+01	0.1344E-12		
		0.8429E+01	0.1397E-12		
		0.8714E+01	0.1414E-12		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5389E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2860E-02		
		0.9159E+00	-0.1940E-02		
		0.1211E+01	-0.1265E-02		
		0.1505E+01	-0.7757E-03		
		0.1800E+01	-0.4374E-03		
		0.3820E+01	-0.4536E-05		
		0.5840E+01	-0.4475E-08		
		0.7860E+01	0.2831E-14		
		0.8145E+01	0.8888E-14		
		0.8429E+01	0.1199E-13		
		0.8714E+01	0.1295E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1807E-02		
		0.6111E+00	-0.1291E-02		
		0.9159E+00	-0.8773E-03		
		0.1211E+01	-0.5728E-03		
		0.1505E+01	-0.3517E-03		
		0.1800E+01	-0.1986E-03		
		0.3820E+01	-0.2069E-05		
		0.5840E+01	-0.2045E-08		
		0.7860E+01	-0.6237E-13		
		0.8145E+01	-0.5967E-13		
		0.8429E+01	-0.5824E-13		
		0.8714E+01	-0.5780E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1199E-03		
		0.9159E+00	-0.8406E-04		
		0.1211E+01	-0.5619E-04		
		0.1505E+01	-0.3518E-04		
		0.1800E+01	-0.2024E-04		

		0.3820E+01	-0.2260E-06		
		0.5840E+01	-0.2292E-09		
		0.7860E+01	-0.6476E-13		
		0.8145E+01	-0.6456E-13		
		0.8429E+01	-0.6439E-13		
		0.8714E+01	-0.6433E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9546E-02		
		0.3063E+00	-0.7207E-02		
		0.6111E+00	-0.5239E-02		
		0.9159E+00	-0.3648E-02		
		0.1211E+01	-0.2456E-02		
		0.1505E+01	-0.1565E-02		
		0.1800E+01	-0.9260E-03		
		0.3820E+01	-0.1496E-04		
		0.5840E+01	-0.3051E-07		
		0.7860E+01	0.1058E-11		
		0.8145E+01	0.1158E-11		
		0.8429E+01	0.1208E-11		
		0.8714E+01	0.1224E-11		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5424E-02		
		0.3063E+00	-0.4101E-02		
		0.6111E+00	-0.2984E-02		
		0.9159E+00	-0.2080E-02		
		0.1211E+01	-0.1401E-02		
		0.1505E+01	-0.8936E-03		
		0.1800E+01	-0.5290E-03		
		0.3820E+01	-0.8566E-05		
		0.5840E+01	-0.1749E-07		
		0.7860E+01	0.3394E-12		
		0.8145E+01	0.3947E-12		
		0.8429E+01	0.4229E-12		
		0.8714E+01	0.4316E-12		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1847E-02		
		0.6111E+00	-0.1348E-02		
		0.9159E+00	-0.9412E-03		
		0.1211E+01	-0.6350E-03		
		0.1505E+01	-0.4056E-03		
		0.1800E+01	-0.2404E-03		
		0.3820E+01	-0.3915E-05		
		0.5840E+01	-0.8010E-08		
		0.7860E+01	0.1316E-12		
		0.8145E+01	0.1577E-12		
		0.8429E+01	0.1716E-12		
		0.8714E+01	0.1759E-12		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1656E-03		
		0.6111E+00	-0.1262E-03		

		0.9159E+00	-0.9119E-04		
		0.1211E+01	-0.6313E-04		
		0.1505E+01	-0.4120E-04		
		0.1800E+01	-0.2495E-04		
		0.3820E+01	-0.4388E-06		
		0.5840E+01	-0.9244E-09		
		0.7860E+01	-0.1046E-14		
		0.8145E+01	0.3481E-14		
		0.8429E+01	0.6703E-14		
		0.8714E+01	0.7835E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7725E+02	0.0000E+00
		0.1500E-02	-0.9596E-02		
		0.3063E+00	-0.7333E-02		
		0.6111E+00	-0.5421E-02		
		0.9159E+00	-0.3858E-02		
		0.1211E+01	-0.2665E-02		
		0.1505E+01	-0.1753E-02		
		0.1800E+01	-0.1078E-02		
		0.3820E+01	-0.2487E-04		
		0.5840E+01	-0.9078E-07		
		0.7860E+01	0.1314E-10		
		0.8145E+01	0.1380E-10		
		0.8429E+01	0.1414E-10		
		0.8714E+01	0.1425E-10		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7725E+02	0.0000E+00
		0.1500E-02	-0.5453E-02		
		0.3063E+00	-0.4173E-02		
		0.6111E+00	-0.3088E-02		
		0.9159E+00	-0.2200E-02		
		0.1211E+01	-0.1521E-02		
		0.1505E+01	-0.1001E-02		
		0.1800E+01	-0.6162E-03		
		0.3820E+01	-0.1425E-04		
		0.5840E+01	-0.5208E-07		
		0.7860E+01	0.2991E-11		
		0.8145E+01	0.3339E-11		
		0.8429E+01	0.3518E-11		
		0.8714E+01	0.3573E-11		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7725E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1880E-02		
		0.6111E+00	-0.1395E-02		
		0.9159E+00	-0.9962E-03		
		0.1211E+01	-0.6899E-03		
		0.1505E+01	-0.4549E-03		
		0.1800E+01	-0.2804E-03		
		0.3820E+01	-0.6526E-05		
		0.5840E+01	-0.2390E-07		
		0.7860E+01	0.7995E-12		
		0.8145E+01	0.9569E-12		
		0.8429E+01	0.1040E-11		
		0.8714E+01	0.1067E-11		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7725E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1694E-03		
		0.6111E+00	-0.1317E-03		
		0.9159E+00	-0.9750E-04		
		0.1211E+01	-0.6945E-04		
		0.1505E+01	-0.4689E-04		
		0.1800E+01	-0.2959E-04		
		0.3820E+01	-0.7496E-06		
		0.5840E+01	-0.2837E-08		
		0.7860E+01	0.4502E-12		
		0.8145E+01	0.4760E-12		
		0.8429E+01	0.4944E-12		
		0.8714E+01	0.5010E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8179E+02	0.0000E+00
		0.1500E-02	-0.9639E-02		
		0.3063E+00	-0.7439E-02		
		0.6111E+00	-0.5575E-02		
		0.9159E+00	-0.4039E-02		
		0.1211E+01	-0.2850E-02		
		0.1505E+01	-0.1924E-02		
		0.1800E+01	-0.1222E-02		
		0.3820E+01	-0.3770E-04		
		0.5840E+01	-0.2215E-06		
		0.7860E+01	0.1171E-09		
		0.8145E+01	0.1203E-09		
		0.8429E+01	0.1221E-09		
		0.8714E+01	0.1226E-09		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8179E+02	0.0000E+00
		0.1500E-02	-0.5477E-02		
		0.3063E+00	-0.4234E-02		
		0.6111E+00	-0.3177E-02		
		0.9159E+00	-0.2304E-02		
		0.1211E+01	-0.1627E-02		
		0.1505E+01	-0.1099E-02		
		0.1800E+01	-0.6985E-03		
		0.3820E+01	-0.2162E-04		
		0.5840E+01	-0.1272E-06		
		0.7860E+01	0.3209E-10		
		0.8145E+01	0.3374E-10		
		0.8429E+01	0.3460E-10		
		0.8714E+01	0.3487E-10		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8179E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1908E-02		
		0.6111E+00	-0.1436E-02		
		0.9159E+00	-0.1044E-02		
		0.1211E+01	-0.7386E-03		
		0.1505E+01	-0.4998E-03		
		0.1800E+01	-0.3182E-03		
		0.3820E+01	-0.9918E-05		
		0.5840E+01	-0.5850E-07		
		0.7860E+01	0.8081E-11		

		0.8145E+01	0.8806E-11		
		0.8429E+01	0.9195E-11		
		0.8714E+01	0.9318E-11		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8179E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1727E-03		
		0.6111E+00	-0.1365E-03		
		0.9159E+00	-0.1031E-03		
		0.1211E+01	-0.7522E-04		
		0.1505E+01	-0.5222E-04		
		0.1800E+01	-0.3410E-04		
		0.3820E+01	-0.1166E-05		
		0.5840E+01	-0.7129E-08		
		0.7860E+01	0.2447E-11		
		0.8145E+01	0.2569E-11		
		0.8429E+01	0.2655E-11		
		0.8714E+01	0.2685E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8614E+02	0.0000E+00
		0.1500E-02	-0.9674E-02		
		0.3063E+00	-0.7529E-02		
		0.6111E+00	-0.5707E-02		
		0.9159E+00	-0.4196E-02		
		0.1211E+01	-0.3014E-02		
		0.1505E+01	-0.2078E-02		
		0.1800E+01	-0.1355E-02		
		0.3820E+01	-0.5330E-04		
		0.5840E+01	-0.4655E-06		
		0.7860E+01	0.7118E-09		
		0.8145E+01	0.7245E-09		
		0.8429E+01	0.7314E-09		
		0.8714E+01	0.7336E-09		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8614E+02	0.0000E+00
		0.1500E-02	-0.5498E-02		
		0.3063E+00	-0.4285E-02		
		0.6111E+00	-0.3253E-02		
		0.9159E+00	-0.2394E-02		
		0.1211E+01	-0.1721E-02		
		0.1505E+01	-0.1188E-02		
		0.1800E+01	-0.7753E-03		
		0.3820E+01	-0.3059E-04		
		0.5840E+01	-0.2676E-06		
		0.7860E+01	0.2286E-09		
		0.8145E+01	0.2349E-09		
		0.8429E+01	0.2383E-09		
		0.8714E+01	0.2393E-09		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8614E+02	0.0000E+00
		0.1500E-02	-0.2469E-02		
		0.3063E+00	-0.1932E-02		
		0.6111E+00	-0.1471E-02		
		0.9159E+00	-0.1085E-02		
		0.1211E+01	-0.7819E-03		
		0.1505E+01	-0.5406E-03		

		0.1800E+01	-0.3536E-03		
		0.3820E+01	-0.1406E-04		
		0.5840E+01	-0.1233E-06		
		0.7860E+01	0.6917E-10		
		0.8145E+01	0.7190E-10		
		0.8429E+01	0.7338E-10		
		0.8714E+01	0.7386E-10		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8614E+02	0.0000E+00
		0.1500E-02	-0.2104E-03		
		0.3063E+00	-0.1756E-03		
		0.6111E+00	-0.1407E-03		
		0.9159E+00	-0.1082E-03		
		0.1211E+01	-0.8050E-04		
		0.1505E+01	-0.5722E-04		
		0.1800E+01	-0.3845E-04		
		0.3820E+01	-0.1689E-05		
		0.5840E+01	-0.1541E-07		
		0.7860E+01	0.2073E-10		
		0.8145E+01	0.2125E-10		
		0.8429E+01	0.2160E-10		
		0.8714E+01	0.2172E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9034E+02	0.0000E+00
		0.1500E-02	-0.9705E-02		
		0.3063E+00	-0.7606E-02		
		0.6111E+00	-0.5821E-02		
		0.9159E+00	-0.4334E-02		
		0.1211E+01	-0.3160E-02		
		0.1505E+01	-0.2219E-02		
		0.1800E+01	-0.1480E-02		
		0.3820E+01	-0.7140E-04		
		0.5840E+01	-0.8720E-06		
		0.7860E+01	0.3265E-08		
		0.8145E+01	0.3308E-08		
		0.8429E+01	0.3331E-08		
		0.8714E+01	0.3338E-08		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9034E+02	0.0000E+00
		0.1500E-02	-0.5515E-02		
		0.3063E+00	-0.4330E-02		
		0.6111E+00	-0.3318E-02		
		0.9159E+00	-0.2474E-02		
		0.1211E+01	-0.1805E-02		
		0.1505E+01	-0.1269E-02		
		0.1800E+01	-0.8469E-03		
		0.3820E+01	-0.4101E-04		
		0.5840E+01	-0.5017E-06		
		0.7860E+01	0.1175E-08		
		0.8145E+01	0.1195E-08		
		0.8429E+01	0.1206E-08		
		0.8714E+01	0.1210E-08		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9034E+02	0.0000E+00
		0.1500E-02	-0.2477E-02		
		0.3063E+00	-0.1952E-02		

		0.6111E+00	-0.1501E-02		
		0.9159E+00	-0.1122E-02		
		0.1211E+01	-0.8205E-03		
		0.1505E+01	-0.5778E-03		
		0.1800E+01	-0.3866E-03		
		0.3820E+01	-0.1887E-04		
		0.5840E+01	-0.2317E-06		
		0.7860E+01	0.4053E-09		
		0.8145E+01	0.4141E-09		
		0.8429E+01	0.4190E-09		
		0.8714E+01	0.4206E-09		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9034E+02	0.0000E+00
		0.1500E-02	-0.2114E-03		
		0.3063E+00	-0.1782E-03		
		0.6111E+00	-0.1445E-03		
		0.9159E+00	-0.1128E-03		
		0.1211E+01	-0.8533E-04		
		0.1505E+01	-0.6189E-04		
		0.1800E+01	-0.4263E-04		
		0.3820E+01	-0.2315E-05		
		0.5840E+01	-0.2965E-07		
		0.7860E+01	0.1365E-09		
		0.8145E+01	0.1385E-09		
		0.8429E+01	0.1398E-09		
		0.8714E+01	0.1402E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9441E+02	0.0000E+00
		0.1500E-02	-0.9731E-02		
		0.3063E+00	-0.7673E-02		
		0.6111E+00	-0.5921E-02		
		0.9159E+00	-0.4455E-02		
		0.1211E+01	-0.3290E-02		
		0.1505E+01	-0.2346E-02		
		0.1800E+01	-0.1595E-02		
		0.3820E+01	-0.9165E-04		
		0.5840E+01	-0.1492E-05		
		0.7860E+01	0.1208E-07		
		0.8145E+01	0.1221E-07		
		0.8429E+01	0.1227E-07		
		0.8714E+01	0.1230E-07		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9441E+02	0.0000E+00
		0.1500E-02	-0.5531E-02		
		0.3063E+00	-0.4368E-02		
		0.6111E+00	-0.3376E-02		
		0.9159E+00	-0.2543E-02		
		0.1211E+01	-0.1880E-02		
		0.1505E+01	-0.1342E-02		
		0.1800E+01	-0.9132E-03		
		0.3820E+01	-0.5268E-04		
		0.5840E+01	-0.8590E-06		
		0.7860E+01	0.4751E-08		
		0.8145E+01	0.4810E-08		
		0.8429E+01	0.4842E-08		
		0.8714E+01	0.4853E-08		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9441E+02	0.0000E+00
		0.1500E-02	-0.2484E-02		
		0.3063E+00	-0.1970E-02		
		0.6111E+00	-0.1527E-02		
		0.9159E+00	-0.1154E-02		
		0.1211E+01	-0.8551E-03		
		0.1505E+01	-0.6117E-03		
		0.1800E+01	-0.4172E-03		
		0.3820E+01	-0.2428E-04		
		0.5840E+01	-0.3975E-06		
		0.7860E+01	0.1805E-08		
		0.8145E+01	0.1831E-08		
		0.8429E+01	0.1845E-08		
		0.8714E+01	0.1850E-08		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9441E+02	0.0000E+00
		0.1500E-02	-0.2123E-03		
		0.3063E+00	-0.1804E-03		
		0.6111E+00	-0.1479E-03		
		0.9159E+00	-0.1169E-03		
		0.1211E+01	-0.8977E-04		
		0.1505E+01	-0.6626E-04		
		0.1800E+01	-0.4661E-04		
		0.3820E+01	-0.3037E-05		
		0.5840E+01	-0.5204E-07		
		0.7860E+01	0.6690E-09		
		0.8145E+01	0.6756E-09		
		0.8429E+01	0.6799E-09		
		0.8714E+01	0.6814E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9834E+02	0.0000E+00
		0.1500E-02	-0.9754E-02		
		0.3063E+00	-0.7731E-02		
		0.6111E+00	-0.6008E-02		
		0.9159E+00	-0.4563E-02		
		0.1211E+01	-0.3406E-02		
		0.1505E+01	-0.2461E-02		
		0.1800E+01	-0.1702E-02		
		0.3820E+01	-0.1137E-03		
		0.5840E+01	-0.2372E-05		
		0.7860E+01	0.3772E-07		
		0.8145E+01	0.3803E-07		
		0.8429E+01	0.3820E-07		
		0.8714E+01	0.3826E-07		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9834E+02	0.0000E+00
		0.1500E-02	-0.5544E-02		
		0.3063E+00	-0.4402E-02		
		0.6111E+00	-0.3426E-02		
		0.9159E+00	-0.2605E-02		
		0.1211E+01	-0.1947E-02		
		0.1505E+01	-0.1408E-02		
		0.1800E+01	-0.9746E-03		
		0.3820E+01	-0.6540E-04		
		0.5840E+01	-0.1367E-05		

		0.7860E+01	0.1597E-07		
		0.8145E+01	0.1612E-07		
		0.8429E+01	0.1621E-07		
		0.8714E+01	0.1623E-07		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9834E+02	0.0000E+00
		0.1500E-02	-0.2490E-02		
		0.3063E+00	-0.1985E-02		
		0.6111E+00	-0.1551E-02		
		0.9159E+00	-0.1183E-02		
		0.1211E+01	-0.8861E-03		
		0.1505E+01	-0.6425E-03		
		0.1800E+01	-0.4457E-03		
		0.3820E+01	-0.3019E-04		
		0.5840E+01	-0.6340E-06		
		0.7860E+01	0.6556E-08		
		0.8145E+01	0.6624E-08		
		0.8429E+01	0.6663E-08		
		0.8714E+01	0.6676E-08		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9834E+02	0.0000E+00
		0.1500E-02	-0.2131E-03		
		0.3063E+00	-0.1825E-03		
		0.6111E+00	-0.1510E-03		
		0.9159E+00	-0.1206E-03		
		0.1211E+01	-0.9386E-04		
		0.1505E+01	-0.7034E-04		
		0.1800E+01	-0.5041E-04		
		0.3820E+01	-0.3848E-05		
		0.5840E+01	-0.8483E-07		
		0.7860E+01	0.2625E-08		
		0.8145E+01	0.2646E-08		
		0.8429E+01	0.2659E-08		
		0.8714E+01	0.2663E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1022E+03	0.0000E+00
		0.1500E-02	-0.9774E-02		
		0.3063E+00	-0.7782E-02		
		0.6111E+00	-0.6085E-02		
		0.9159E+00	-0.4658E-02		
		0.1211E+01	-0.3510E-02		
		0.1505E+01	-0.2566E-02		
		0.1800E+01	-0.1800E-02		
		0.3820E+01	-0.1372E-03		
		0.5840E+01	-0.3556E-05		
		0.7860E+01	0.1025E-06		
		0.8145E+01	0.1032E-06		
		0.8429E+01	0.1037E-06		
		0.8714E+01	0.1038E-06		
8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1022E+03	0.0000E+00
		0.1500E-02	-0.5555E-02		
		0.3063E+00	-0.4431E-02		
		0.6111E+00	-0.3470E-02		
		0.9159E+00	-0.2660E-02		
		0.1211E+01	-0.2007E-02		

		0.1505E+01	-0.1469E-02		
		0.1800E+01	-0.1031E-02		
		0.3820E+01	-0.7896E-04		
		0.5840E+01	-0.2051E-05		
		0.7860E+01	0.4625E-07		
		0.8145E+01	0.4661E-07		
		0.8429E+01	0.4681E-07		
		0.8714E+01	0.4689E-07		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1022E+03	0.0000E+00
		0.1500E-02	-0.2496E-02		
		0.3063E+00	-0.1999E-02		
		0.6111E+00	-0.1571E-02		
		0.9159E+00	-0.1208E-02		
		0.1211E+01	-0.9141E-03		
		0.1505E+01	-0.6706E-03		
		0.1800E+01	-0.4721E-03		
		0.3820E+01	-0.3651E-04		
		0.5840E+01	-0.9529E-06		
		0.7860E+01	0.2028E-07		
		0.8145E+01	0.2045E-07		
		0.8429E+01	0.2055E-07		
		0.8714E+01	0.2058E-07		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1022E+03	0.0000E+00
		0.1500E-02	-0.2139E-03		
		0.3063E+00	-0.1843E-03		
		0.6111E+00	-0.1537E-03		
		0.9159E+00	-0.1241E-03		
		0.1211E+01	-0.9764E-04		
		0.1505E+01	-0.7416E-04		
		0.1800E+01	-0.5402E-04		
		0.3820E+01	-0.4736E-05		
		0.5840E+01	-0.1302E-06		
		0.7860E+01	0.8676E-08		
		0.8145E+01	0.8733E-08		
		0.8429E+01	0.8769E-08		
		0.8714E+01	0.8782E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1059E+03	0.0000E+00
		0.1500E-02	-0.9792E-02		
		0.3063E+00	-0.7827E-02		
		0.6111E+00	-0.6154E-02		
		0.9159E+00	-0.4743E-02		
		0.1211E+01	-0.3604E-02		
		0.1505E+01	-0.2662E-02		
		0.1800E+01	-0.1891E-02		
		0.3820E+01	-0.1617E-03		
		0.5840E+01	-0.5075E-05		
		0.7860E+01	0.2486E-06		
		0.8145E+01	0.2502E-06		
		0.8429E+01	0.2511E-06		
		0.8714E+01	0.2514E-06		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1059E+03	0.0000E+00
		0.1500E-02	-0.5565E-02		

		0.3063E+00	-0.4457E-02		
		0.6111E+00	-0.3510E-02		
		0.9159E+00	-0.2709E-02		
		0.1211E+01	-0.2061E-02		
		0.1505E+01	-0.1524E-02		
		0.1800E+01	-0.1084E-02		
		0.3820E+01	-0.9315E-04		
		0.5840E+01	-0.2930E-05		
		0.7860E+01	0.1185E-06		
		0.8145E+01	0.1193E-06		
		0.8429E+01	0.1198E-06		
		0.8714E+01	0.1200E-06		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1059E+03	0.0000E+00
		0.1500E-02	-0.2501E-02		
		0.3063E+00	-0.2011E-02		
		0.6111E+00	-0.1590E-02		
		0.9159E+00	-0.1231E-02		
		0.1211E+01	-0.9393E-03		
		0.1505E+01	-0.6963E-03		
		0.1800E+01	-0.4965E-03		
		0.3820E+01	-0.4314E-04		
		0.5840E+01	-0.1364E-05		
		0.7860E+01	0.5506E-07		
		0.8145E+01	0.5544E-07		
		0.8429E+01	0.5566E-07		
		0.8714E+01	0.5574E-07		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1059E+03	0.0000E+00
		0.1500E-02	-0.2145E-03		
		0.3063E+00	-0.1860E-03		
		0.6111E+00	-0.1562E-03		
		0.9159E+00	-0.1272E-03		
		0.1211E+01	-0.1011E-03		
		0.1505E+01	-0.7774E-04		
		0.1800E+01	-0.5744E-04		
		0.3820E+01	-0.5691E-05		
		0.5840E+01	-0.1901E-06		
		0.7860E+01	0.2496E-07		
		0.8145E+01	0.2510E-07		
		0.8429E+01	0.2519E-07		
		0.8714E+01	0.2522E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1095E+03	0.0000E+00
		0.1500E-02	-0.9807E-02		
		0.3063E+00	-0.7867E-02		
		0.6111E+00	-0.6214E-02		
		0.9159E+00	-0.4819E-02		
		0.1211E+01	-0.3689E-02		
		0.1505E+01	-0.2749E-02		
		0.1800E+01	-0.1975E-02		
		0.3820E+01	-0.1870E-03		
		0.5840E+01	-0.6952E-05		
		0.7860E+01	0.5483E-06		
		0.8145E+01	0.5513E-06		
		0.8429E+01	0.5531E-06		

		0.8714E+01	0.5538E-06		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1095E+03	0.0000E+00
		0.1500E-02	-0.5574E-02		
		0.3063E+00	-0.4480E-02		
		0.6111E+00	-0.3545E-02		
		0.9159E+00	-0.2753E-02		
		0.1211E+01	-0.2110E-02		
		0.1505E+01	-0.1575E-02		
		0.1800E+01	-0.1132E-02		
		0.3820E+01	-0.1078E-03		
		0.5840E+01	-0.4018E-05		
		0.7860E+01	0.2745E-06		
		0.8145E+01	0.2761E-06		
		0.8429E+01	0.2770E-06		
		0.8714E+01	0.2774E-06		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1095E+03	0.0000E+00
		0.1500E-02	-0.2505E-02		
		0.3063E+00	-0.2022E-02		
		0.6111E+00	-0.1606E-02		
		0.9159E+00	-0.1252E-02		
		0.1211E+01	-0.9621E-03		
		0.1505E+01	-0.7198E-03		
		0.1800E+01	-0.5191E-03		
		0.3820E+01	-0.4999E-04		
		0.5840E+01	-0.1874E-05		
		0.7860E+01	0.1341E-06		
		0.8145E+01	0.1349E-06		
		0.8429E+01	0.1354E-06		
		0.8714E+01	0.1355E-06		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1095E+03	0.0000E+00
		0.1500E-02	-0.2151E-03		
		0.3063E+00	-0.1875E-03		
		0.6111E+00	-0.1586E-03		
		0.9159E+00	-0.1301E-03		
		0.1211E+01	-0.1044E-03		
		0.1505E+01	-0.8109E-04		
		0.1800E+01	-0.6069E-04		
		0.3820E+01	-0.6703E-05		
		0.5840E+01	-0.2661E-06		
		0.7860E+01	0.6397E-07		
		0.8145E+01	0.6431E-07		
		0.8429E+01	0.6452E-07		
		0.8714E+01	0.6460E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1131E+03	0.0000E+00
		0.1500E-02	-0.9821E-02		
		0.3063E+00	-0.7902E-02		
		0.6111E+00	-0.6269E-02		
		0.9159E+00	-0.4888E-02		
		0.1211E+01	-0.3766E-02		
		0.1505E+01	-0.2829E-02		
		0.1800E+01	-0.2052E-02		
		0.3820E+01	-0.2128E-03		

		0.5840E+01	-0.9201E-05		
		0.7860E+01	0.1116E-05		
		0.8145E+01	0.1121E-05		
		0.8429E+01	0.1125E-05		
		0.8714E+01	0.1126E-05		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1131E+03	0.0000E+00
		0.1500E-02	-0.5582E-02		
		0.3063E+00	-0.4500E-02		
		0.6111E+00	-0.3576E-02		
		0.9159E+00	-0.2793E-02		
		0.1211E+01	-0.2155E-02		
		0.1505E+01	-0.1621E-02		
		0.1800E+01	-0.1177E-02		
		0.3820E+01	-0.1228E-03		
		0.5840E+01	-0.5323E-05		
		0.7860E+01	0.5833E-06		
		0.8145E+01	0.5864E-06		
		0.8429E+01	0.5882E-06		
		0.8714E+01	0.5889E-06		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1131E+03	0.0000E+00
		0.1500E-02	-0.2508E-02		
		0.3063E+00	-0.2031E-02		
		0.6111E+00	-0.1621E-02		
		0.9159E+00	-0.1270E-02		
		0.1211E+01	-0.9829E-03		
		0.1505E+01	-0.7414E-03		
		0.1800E+01	-0.5401E-03		
		0.3820E+01	-0.5700E-04		
		0.5840E+01	-0.2486E-05		
		0.7860E+01	0.2980E-06		
		0.8145E+01	0.2996E-06		
		0.8429E+01	0.3005E-06		
		0.8714E+01	0.3009E-06		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1131E+03	0.0000E+00
		0.1500E-02	-0.2156E-03		
		0.3063E+00	-0.1889E-03		
		0.6111E+00	-0.1607E-03		
		0.9159E+00	-0.1328E-03		
		0.1211E+01	-0.1074E-03		
		0.1505E+01	-0.8423E-04		
		0.1800E+01	-0.6377E-04		
		0.3820E+01	-0.7762E-05		
		0.5840E+01	-0.3596E-06		
		0.7860E+01	0.1489E-06		
		0.8145E+01	0.1496E-06		
		0.8429E+01	0.1500E-06		
		0.8714E+01	0.1502E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1165E+03	0.0000E+00
		0.1500E-02	-0.9833E-02		
		0.3063E+00	-0.7934E-02		
		0.6111E+00	-0.6317E-02		
		0.9159E+00	-0.4949E-02		

		0.1211E+01	-0.3835E-02		
		0.1505E+01	-0.2902E-02		
		0.1800E+01	-0.2124E-02		
		0.3820E+01	-0.2388E-03		
		0.5840E+01	-0.1182E-04		
		0.7860E+01	0.2120E-05		
		0.8145E+01	0.2130E-05		
		0.8429E+01	0.2136E-05		
		0.8714E+01	0.2138E-05		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1165E+03	0.0000E+00
		0.1500E-02	-0.5590E-02		
		0.3063E+00	-0.4519E-02		
		0.6111E+00	-0.3604E-02		
		0.9159E+00	-0.2828E-02		
		0.1211E+01	-0.2195E-02		
		0.1505E+01	-0.1663E-02		
		0.1800E+01	-0.1219E-02		
		0.3820E+01	-0.1379E-03		
		0.5840E+01	-0.6846E-05		
		0.7860E+01	0.1152E-05		
		0.8145E+01	0.1158E-05		
		0.8429E+01	0.1161E-05		
		0.8714E+01	0.1162E-05		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1165E+03	0.0000E+00
		0.1500E-02	-0.2512E-02		
		0.3063E+00	-0.2040E-02		
		0.6111E+00	-0.1634E-02		
		0.9159E+00	-0.1287E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7611E-03		
		0.1800E+01	-0.5595E-03		
		0.3820E+01	-0.6410E-04		
		0.5840E+01	-0.3203E-05		
		0.7860E+01	0.6127E-06		
		0.8145E+01	0.6157E-06		
		0.8429E+01	0.6175E-06		
		0.8714E+01	0.6181E-06		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1165E+03	0.0000E+00
		0.1500E-02	-0.2161E-03		
		0.3063E+00	-0.1901E-03		
		0.6111E+00	-0.1626E-03		
		0.9159E+00	-0.1353E-03		
		0.1211E+01	-0.1102E-03		
		0.1505E+01	-0.8718E-04		
		0.1800E+01	-0.6669E-04		
		0.3820E+01	-0.8858E-05		
		0.5840E+01	-0.4713E-06		
		0.7860E+01	0.3189E-06		
		0.8145E+01	0.3204E-06		
		0.8429E+01	0.3213E-06		
		0.8714E+01	0.3216E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1199E+03	0.0000E+00

		0.1500E-02	-0.9844E-02		
		0.3063E+00	-0.7963E-02		
		0.6111E+00	-0.6361E-02		
		0.9159E+00	-0.5005E-02		
		0.1211E+01	-0.3899E-02		
		0.1505E+01	-0.2968E-02		
		0.1800E+01	-0.2190E-02		
		0.3820E+01	-0.2648E-03		
		0.5840E+01	-0.1481E-04		
		0.7860E+01	0.3799E-05		
		0.8145E+01	0.3815E-05		
		0.8429E+01	0.3825E-05		
		0.8714E+01	0.3829E-05		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1199E+03	0.0000E+00
		0.1500E-02	-0.5596E-02		
		0.3063E+00	-0.4535E-02		
		0.6111E+00	-0.3630E-02		
		0.9159E+00	-0.2861E-02		
		0.1211E+01	-0.2232E-02		
		0.1505E+01	-0.1701E-02		
		0.1800E+01	-0.1257E-02		
		0.3820E+01	-0.1530E-03		
		0.5840E+01	-0.8583E-05		
		0.7860E+01	0.2137E-05		
		0.8145E+01	0.2147E-05		
		0.8429E+01	0.2153E-05		
		0.8714E+01	0.2155E-05		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1199E+03	0.0000E+00
		0.1500E-02	-0.2515E-02		
		0.3063E+00	-0.2048E-02		
		0.6111E+00	-0.1646E-02		
		0.9159E+00	-0.1302E-02		
		0.1211E+01	-0.1019E-02		
		0.1505E+01	-0.7793E-03		
		0.1800E+01	-0.5776E-03		
		0.3820E+01	-0.7123E-04		
		0.5840E+01	-0.4023E-05		
		0.7860E+01	0.1178E-05		
		0.8145E+01	0.1184E-05		
		0.8429E+01	0.1187E-05		
		0.8714E+01	0.1188E-05		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1199E+03	0.0000E+00
		0.1500E-02	-0.2166E-03		
		0.3063E+00	-0.1913E-03		
		0.6111E+00	-0.1644E-03		
		0.9159E+00	-0.1376E-03		
		0.1211E+01	-0.1128E-03		
		0.1505E+01	-0.8995E-04		
		0.1800E+01	-0.6946E-04		
		0.3820E+01	-0.9983E-05		
		0.5840E+01	-0.6014E-06		
		0.7860E+01	0.6366E-06		
		0.8145E+01	0.6394E-06		
		0.8429E+01	0.6411E-06		
		0.8714E+01	0.6417E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1232E+03	0.0000E+00
		0.1500E-02	-0.9854E-02		
		0.3063E+00	-0.7988E-02		
		0.6111E+00	-0.6400E-02		
		0.9159E+00	-0.5055E-02		
		0.1211E+01	-0.3956E-02		
		0.1505E+01	-0.3030E-02		
		0.1800E+01	-0.2251E-02		
		0.3820E+01	-0.2907E-03		
		0.5840E+01	-0.1815E-04		
		0.7860E+01	0.6468E-05		
		0.8145E+01	0.6495E-05		
		0.8429E+01	0.6510E-05		
		0.8714E+01	0.6516E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1232E+03	0.0000E+00
		0.1500E-02	-0.5602E-02		
		0.3063E+00	-0.4550E-02		
		0.6111E+00	-0.3653E-02		
		0.9159E+00	-0.2890E-02		
		0.1211E+01	-0.2265E-02		
		0.1505E+01	-0.1737E-02		
		0.1800E+01	-0.1292E-02		
		0.3820E+01	-0.1680E-03		
		0.5840E+01	-0.1053E-04		
		0.7860E+01	0.3756E-05		
		0.8145E+01	0.3771E-05		
		0.8429E+01	0.3781E-05		
		0.8714E+01	0.3784E-05		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1232E+03	0.0000E+00
		0.1500E-02	-0.2518E-02		
		0.3063E+00	-0.2055E-02		
		0.6111E+00	-0.1656E-02		
		0.9159E+00	-0.1316E-02		
		0.1211E+01	-0.1035E-02		
		0.1505E+01	-0.7960E-03		
		0.1800E+01	-0.5943E-03		
		0.3820E+01	-0.7834E-04		
		0.5840E+01	-0.4941E-05		
		0.7860E+01	0.2139E-05		
		0.8145E+01	0.2148E-05		
		0.8429E+01	0.2154E-05		
		0.8714E+01	0.2156E-05		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1232E+03	0.0000E+00
		0.1500E-02	-0.2170E-03		
		0.3063E+00	-0.1924E-03		
		0.6111E+00	-0.1661E-03		
		0.9159E+00	-0.1397E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9255E-04		
		0.1800E+01	-0.7208E-04		
		0.3820E+01	-0.1113E-04		
		0.5840E+01	-0.7493E-06		
		0.7860E+01	0.1195E-05		
		0.8145E+01	0.1200E-05		

		0.8429E+01	0.1203E-05		
		0.8714E+01	0.1204E-05		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1265E+03	0.0000E+00
		0.1500E-02	-0.9863E-02		
		0.3063E+00	-0.8011E-02		
		0.6111E+00	-0.6436E-02		
		0.9159E+00	-0.5101E-02		
		0.1211E+01	-0.4009E-02		
		0.1505E+01	-0.3086E-02		
		0.1800E+01	-0.2307E-02		
		0.3820E+01	-0.3163E-03		
		0.5840E+01	-0.2180E-04		
		0.7860E+01	0.1053E-04		
		0.8145E+01	0.1057E-04		
		0.8429E+01	0.1060E-04		
		0.8714E+01	0.1061E-04		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1265E+03	0.0000E+00
		0.1500E-02	-0.5607E-02		
		0.3063E+00	-0.4564E-02		
		0.6111E+00	-0.3673E-02		
		0.9159E+00	-0.2917E-02		
		0.1211E+01	-0.2296E-02		
		0.1505E+01	-0.1770E-02		
		0.1800E+01	-0.1325E-02		
		0.3820E+01	-0.1829E-03		
		0.5840E+01	-0.1266E-04		
		0.7860E+01	0.6294E-05		
		0.8145E+01	0.6319E-05		
		0.8429E+01	0.6334E-05		
		0.8714E+01	0.6339E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1265E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1666E-02		
		0.9159E+00	-0.1328E-02		
		0.1211E+01	-0.1049E-02		
		0.1505E+01	-0.8114E-03		
		0.1800E+01	-0.6098E-03		
		0.3820E+01	-0.8539E-04		
		0.5840E+01	-0.5952E-05		
		0.7860E+01	0.3693E-05		
		0.8145E+01	0.3707E-05		
		0.8429E+01	0.3716E-05		
		0.8714E+01	0.3720E-05		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1265E+03	0.0000E+00
		0.1500E-02	-0.2174E-03		
		0.3063E+00	-0.1934E-03		
		0.6111E+00	-0.1676E-03		
		0.9159E+00	-0.1417E-03		
		0.1211E+01	-0.1175E-03		
		0.1505E+01	-0.9500E-04		
		0.1800E+01	-0.7456E-04		

		0.3820E+01	-0.1229E-04		
		0.5840E+01	-0.9135E-06		
		0.7860E+01	0.2127E-05		
		0.8145E+01	0.2136E-05		
		0.8429E+01	0.2141E-05		
		0.8714E+01	0.2143E-05		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1297E+03	0.0000E+00
		0.1500E-02	-0.9871E-02		
		0.3063E+00	-0.8032E-02		
		0.6111E+00	-0.6469E-02		
		0.9159E+00	-0.5143E-02		
		0.1211E+01	-0.4057E-02		
		0.1505E+01	-0.3137E-02		
		0.1800E+01	-0.2360E-02		
		0.3820E+01	-0.3414E-03		
		0.5840E+01	-0.2575E-04		
		0.7860E+01	0.1650E-04		
		0.8145E+01	0.1656E-04		
		0.8429E+01	0.1660E-04		
		0.8714E+01	0.1661E-04		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1297E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4576E-02		
		0.6111E+00	-0.3692E-02		
		0.9159E+00	-0.2941E-02		
		0.1211E+01	-0.2324E-02		
		0.1505E+01	-0.1800E-02		
		0.1800E+01	-0.1356E-02		
		0.3820E+01	-0.1976E-03		
		0.5840E+01	-0.1496E-04		
		0.7860E+01	0.1012E-04		
		0.8145E+01	0.1016E-04		
		0.8429E+01	0.1018E-04		
		0.8714E+01	0.1019E-04		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1297E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1675E-02		
		0.9159E+00	-0.1340E-02		
		0.1211E+01	-0.1062E-02		
		0.1505E+01	-0.8257E-03		
		0.1800E+01	-0.6242E-03		
		0.3820E+01	-0.9235E-04		
		0.5840E+01	-0.7044E-05		
		0.7860E+01	0.6099E-05		
		0.8145E+01	0.6122E-05		
		0.8429E+01	0.6136E-05		
		0.8714E+01	0.6141E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1297E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1943E-03		
		0.6111E+00	-0.1690E-03		

		0.9159E+00	-0.1435E-03		
		0.1211E+01	-0.1197E-03		
		0.1505E+01	-0.9730E-04		
		0.1800E+01	-0.7691E-04		
		0.3820E+01	-0.1345E-04		
		0.5840E+01	-0.1091E-05		
		0.7860E+01	0.3613E-05		
		0.8145E+01	0.3626E-05		
		0.8429E+01	0.3635E-05		
		0.8714E+01	0.3638E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1328E+03	0.0000E+00
		0.1500E-02	-0.9879E-02		
		0.3063E+00	-0.8051E-02		
		0.6111E+00	-0.6498E-02		
		0.9159E+00	-0.5181E-02		
		0.1211E+01	-0.4101E-02		
		0.1505E+01	-0.3185E-02		
		0.1800E+01	-0.2408E-02		
		0.3820E+01	-0.3660E-03		
		0.5840E+01	-0.2994E-04		
		0.7860E+01	0.2497E-04		
		0.8145E+01	0.2505E-04		
		0.8429E+01	0.2511E-04		
		0.8714E+01	0.2513E-04		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1328E+03	0.0000E+00
		0.1500E-02	-0.5616E-02		
		0.3063E+00	-0.4587E-02		
		0.6111E+00	-0.3709E-02		
		0.9159E+00	-0.2963E-02		
		0.1211E+01	-0.2349E-02		
		0.1505E+01	-0.1827E-02		
		0.1800E+01	-0.1384E-02		
		0.3820E+01	-0.2119E-03		
		0.5840E+01	-0.1741E-04		
		0.7860E+01	0.1568E-04		
		0.8145E+01	0.1574E-04		
		0.8429E+01	0.1577E-04		
		0.8714E+01	0.1578E-04		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1328E+03	0.0000E+00
		0.1500E-02	-0.2524E-02		
		0.3063E+00	-0.2072E-02		
		0.6111E+00	-0.1683E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.1075E-02		
		0.1505E+01	-0.8388E-03		
		0.1800E+01	-0.6376E-03		
		0.3820E+01	-0.9918E-04		
		0.5840E+01	-0.8203E-05		
		0.7860E+01	0.9688E-05		
		0.8145E+01	0.9723E-05		
		0.8429E+01	0.9744E-05		
		0.8714E+01	0.9752E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1328E+03	0.0000E+00
		0.1500E-02	-0.2181E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		
		0.9159E+00	-0.1452E-03		
		0.1211E+01	-0.1217E-03		
		0.1505E+01	-0.9947E-04		
		0.1800E+01	-0.7915E-04		
		0.3820E+01	-0.1462E-04		
		0.5840E+01	-0.1277E-05		
		0.7860E+01	0.5888E-05		
		0.8145E+01	0.5909E-05		
		0.8429E+01	0.5922E-05		
		0.8714E+01	0.5927E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1359E+03	0.0000E+00
		0.1500E-02	-0.9886E-02		
		0.3063E+00	-0.8069E-02		
		0.6111E+00	-0.6525E-02		
		0.9159E+00	-0.5216E-02		
		0.1211E+01	-0.4142E-02		
		0.1505E+01	-0.3229E-02		
		0.1800E+01	-0.2453E-02		
		0.3820E+01	-0.3900E-03		
		0.5840E+01	-0.3432E-04		
		0.7860E+01	0.3664E-04		
		0.8145E+01	0.3677E-04		
		0.8429E+01	0.3684E-04		
		0.8714E+01	0.3687E-04		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1359E+03	0.0000E+00
		0.1500E-02	-0.5620E-02		
		0.3063E+00	-0.4597E-02		
		0.6111E+00	-0.3725E-02		
		0.9159E+00	-0.2983E-02		
		0.1211E+01	-0.2373E-02		
		0.1505E+01	-0.1853E-02		
		0.1800E+01	-0.1410E-02		
		0.3820E+01	-0.2260E-03		
		0.5840E+01	-0.1997E-04		
		0.7860E+01	0.2352E-04		
		0.8145E+01	0.2360E-04		
		0.8429E+01	0.2365E-04		
		0.8714E+01	0.2367E-04		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1359E+03	0.0000E+00
		0.1500E-02	-0.2526E-02		
		0.3063E+00	-0.2077E-02		
		0.6111E+00	-0.1691E-02		
		0.9159E+00	-0.1360E-02		
		0.1211E+01	-0.1086E-02		
		0.1505E+01	-0.8509E-03		
		0.1800E+01	-0.6501E-03		
		0.3820E+01	-0.1059E-03		
		0.5840E+01	-0.9413E-05		
		0.7860E+01	0.1487E-04		

		0.8145E+01	0.1492E-04		
		0.8429E+01	0.1495E-04		
		0.8714E+01	0.1496E-04		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1359E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1959E-03		
		0.6111E+00	-0.1716E-03		
		0.9159E+00	-0.1469E-03		
		0.1211E+01	-0.1235E-03		
		0.1505E+01	-0.1015E-03		
		0.1800E+01	-0.8126E-04		
		0.3820E+01	-0.1579E-04		
		0.5840E+01	-0.1465E-05		
		0.7860E+01	0.9251E-05		
		0.8145E+01	0.9282E-05		
		0.8429E+01	0.9302E-05		
		0.8714E+01	0.9309E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1384E+03	0.0000E+00
		0.1500E-02	-0.9890E-02		
		0.3063E+00	-0.8081E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5242E-02		
		0.1211E+01	-0.4172E-02		
		0.1505E+01	-0.3262E-02		
		0.1800E+01	-0.2487E-02		
		0.3820E+01	-0.4088E-03		
		0.5840E+01	-0.3791E-04		
		0.7860E+01	0.4884E-04		
		0.8145E+01	0.4899E-04		
		0.8429E+01	0.4909E-04		
		0.8714E+01	0.4913E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1384E+03	0.0000E+00
		0.1500E-02	-0.5623E-02		
		0.3063E+00	-0.4604E-02		
		0.6111E+00	-0.3737E-02		
		0.9159E+00	-0.2998E-02		
		0.1211E+01	-0.2391E-02		
		0.1505E+01	-0.1872E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.2369E-03		
		0.5840E+01	-0.2207E-04		
		0.7860E+01	0.3186E-04		
		0.8145E+01	0.3197E-04		
		0.8429E+01	0.3203E-04		
		0.8714E+01	0.3205E-04		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1384E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2080E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1367E-02		
		0.1211E+01	-0.1094E-02		
		0.1505E+01	-0.8600E-03		

		0.1800E+01	-0.6594E-03		
		0.3820E+01	-0.1111E-03		
		0.5840E+01	-0.1040E-04		
		0.7860E+01	0.2048E-04		
		0.8145E+01	0.2055E-04		
		0.8429E+01	0.2059E-04		
		0.8714E+01	0.2061E-04		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1384E+03	0.0000E+00
		0.1500E-02	-0.2186E-03		
		0.3063E+00	-0.1965E-03		
		0.6111E+00	-0.1725E-03		
		0.9159E+00	-0.1481E-03		
		0.1211E+01	-0.1250E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.8287E-04		
		0.3820E+01	-0.1671E-04		
		0.5840E+01	-0.1609E-05		
		0.7860E+01	0.1297E-04		
		0.8145E+01	0.1301E-04		
		0.8429E+01	0.1304E-04		
		0.8714E+01	0.1305E-04		

N O T I C E

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*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -        11: 5: 9           *
*           EXECUTION TIME     0: 2: 1           *
*                                                *
*                                                *
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CLR13

Berry Clay/Radnor Till
Coef. of Hydro. Disp. = 0.01185 m^2/yr
(Decreased by 25%)

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*************************************************************
*                                                           *
*                                                           *
*                    M I G R A T E v 9                      *
*                                                           *
*                      VERSION 9.0.7                        *
*                                                           *
*                   REVISION - 4/16/1996                    *
*                                                           *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996         *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                  RUN DATE -   15-11- 8                    *
*                  TIME     -   11: 8:18                    *
*                                                           *
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*************************************************************************
 Clinton LF No. 3 (CWU) CLR13 (BC/RT 0.01185)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
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LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.118E-01	.118E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.118E-01	.118E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.118E-01	.118E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2187E-07		
		0.3820E+01	0.9487E-18		
		0.5840E+01	-0.3401E-26		
		0.7860E+01	-0.1972E-35		
		0.8145E+01	-0.2062E-35		
		0.8429E+01	-0.2119E-35		
		0.8714E+01	-0.2139E-35		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1243E-07		
		0.3820E+01	0.5386E-18		
		0.5840E+01	-0.1934E-26		
		0.7860E+01	-0.2642E-35		
		0.8145E+01	-0.2577E-35		
		0.8429E+01	-0.2539E-35		
		0.8714E+01	-0.2527E-35		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5583E-08		
		0.3820E+01	0.2412E-18		
		0.5840E+01	-0.8697E-27		
		0.7860E+01	-0.2386E-35		
		0.8145E+01	-0.2261E-35		
		0.8429E+01	-0.2189E-35		
		0.8714E+01	-0.2166E-35		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4757E-09		
		0.3820E+01	0.1956E-19		
		0.5840E+01	-0.7594E-28		
		0.7860E+01	-0.1718E-35		
		0.8145E+01	-0.1624E-35		
		0.8429E+01	-0.1569E-35		
		0.8714E+01	-0.1552E-35		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4064E-04		
		0.1800E+01	-0.7491E-05		
		0.3820E+01	-0.2119E-14		
		0.5840E+01	-0.7093E-19		
		0.7860E+01	0.4885E-27		
		0.8145E+01	0.8125E-27		
		0.8429E+01	0.9637E-27		
		0.8714E+01	0.1008E-26		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2311E-04		
		0.1800E+01	-0.4260E-05		
		0.3820E+01	-0.1205E-14		
		0.5840E+01	-0.4033E-19		
		0.7860E+01	-0.1240E-27		
		0.8145E+01	0.6670E-28		
		0.8429E+01	0.1579E-27		
		0.8714E+01	0.1849E-27		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1040E-04		
		0.1800E+01	-0.1917E-05		
		0.3820E+01	-0.5421E-15		
		0.5840E+01	-0.1814E-19		
		0.7860E+01	-0.2779E-27		
		0.8145E+01	-0.1910E-27		
		0.8429E+01	-0.1479E-27		
		0.8714E+01	-0.1350E-27		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4122E-05		
		0.1505E+01	-0.9141E-06		
		0.1800E+01	-0.1689E-06		
		0.3820E+01	-0.4768E-16		
		0.5840E+01	-0.1589E-20		
		0.7860E+01	-0.7026E-28		
		0.8145E+01	-0.5875E-28		
		0.8429E+01	-0.5048E-28		
		0.8714E+01	-0.4760E-28		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5287E-03		
		0.1505E+01	-0.1840E-03		
		0.1800E+01	-0.5792E-04		
		0.3820E+01	-0.9409E-11		
		0.5840E+01	-0.2007E-16		
		0.7860E+01	0.7898E-21		
		0.8145E+01	0.7719E-21		
		0.8429E+01	0.7634E-21		

		0.8714E+01	0.7610E-21		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3008E-03		
		0.1505E+01	-0.1047E-03		
		0.1800E+01	-0.3296E-04		
		0.3820E+01	-0.5355E-11		
		0.5840E+01	-0.1140E-16		
		0.7860E+01	0.2170E-21		
		0.8145E+01	0.2056E-21		
		0.8429E+01	0.1998E-21		
		0.8714E+01	0.1981E-21		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4719E-04		
		0.1800E+01	-0.1486E-04		
		0.3820E+01	-0.2414E-11		
		0.5840E+01	-0.5113E-17		
		0.7860E+01	0.4830E-22		
		0.8145E+01	0.4262E-22		
		0.8429E+01	0.3961E-22		
		0.8714E+01	0.3868E-22		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4263E-05		
		0.1800E+01	-0.1347E-05		
		0.3820E+01	-0.2188E-12		
		0.5840E+01	-0.4257E-18		
		0.7860E+01	0.1004E-22		
		0.8145E+01	0.9216E-23		
		0.8429E+01	0.8589E-23		
		0.8714E+01	0.8365E-23		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1885E-02		
		0.1211E+01	-0.9217E-03		
		0.1505E+01	-0.4052E-03		
		0.1800E+01	-0.1670E-03		
		0.3820E+01	-0.1129E-08		

		0.5840E+01	0.3294E-15		
		0.7860E+01	-0.4126E-18		
		0.8145E+01	-0.4142E-18		
		0.8429E+01	-0.4152E-18		
		0.8714E+01	-0.4155E-18		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1073E-02		
		0.1211E+01	-0.5247E-03		
		0.1505E+01	-0.2307E-03		
		0.1800E+01	-0.9508E-04		
		0.3820E+01	-0.6432E-09		
		0.5840E+01	0.1884E-15		
		0.7860E+01	-0.1171E-18		
		0.8145E+01	-0.1178E-18		
		0.8429E+01	-0.1183E-18		
		0.8714E+01	-0.1184E-18		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4834E-03		
		0.1211E+01	-0.2366E-03		
		0.1505E+01	-0.1041E-03		
		0.1800E+01	-0.4292E-04		
		0.3820E+01	-0.2904E-09		
		0.5840E+01	0.8589E-16		
		0.7860E+01	-0.1759E-20		
		0.8145E+01	-0.1866E-20		
		0.8429E+01	-0.1933E-20		
		0.8714E+01	-0.1956E-20		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4379E-04		
		0.1211E+01	-0.2171E-04		
		0.1505E+01	-0.9638E-05		
		0.1800E+01	-0.3994E-05		
		0.3820E+01	-0.2712E-10		
		0.5840E+01	0.9336E-17		
		0.7860E+01	0.1664E-19		
		0.8145E+01	0.1669E-19		
		0.8429E+01	0.1672E-19		
		0.8714E+01	0.1673E-19		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2373E-02		

		0.1211E+01	-0.1303E-02		
		0.1505E+01	-0.6610E-03		
		0.1800E+01	-0.3203E-03		
		0.3820E+01	-0.2054E-07		
		0.5840E+01	-0.3574E-14		
		0.7860E+01	0.2092E-16		
		0.8145E+01	0.2102E-16		
		0.8429E+01	0.2108E-16		
		0.8714E+01	0.2110E-16		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1351E-02		
		0.1211E+01	-0.7424E-03		
		0.1505E+01	-0.3766E-03		
		0.1800E+01	-0.1825E-03		
		0.3820E+01	-0.1171E-07		
		0.5840E+01	-0.2041E-14		
		0.7860E+01	0.7361E-17		
		0.8145E+01	0.7429E-17		
		0.8429E+01	0.7468E-17		
		0.8714E+01	0.7481E-17		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6094E-03		
		0.1211E+01	-0.3352E-03		
		0.1505E+01	-0.1702E-03		
		0.1800E+01	-0.8251E-04		
		0.3820E+01	-0.5295E-08		
		0.5840E+01	-0.9277E-15		
		0.7860E+01	-0.3576E-18		
		0.8145E+01	-0.3347E-18		
		0.8429E+01	-0.3215E-18		
		0.8714E+01	-0.3172E-18		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9337E-04		
		0.9159E+00	-0.5611E-04		
		0.1211E+01	-0.3135E-04		
		0.1505E+01	-0.1610E-04		
		0.1800E+01	-0.7859E-05		
		0.3820E+01	-0.5084E-09		
		0.5840E+01	-0.9619E-16		
		0.7860E+01	-0.2120E-17		
		0.8145E+01	-0.2121E-17		
		0.8429E+01	-0.2122E-17		
		0.8714E+01	-0.2122E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2782E-02		
		0.1211E+01	-0.1654E-02		
		0.1505E+01	-0.9238E-03		
		0.1800E+01	-0.4988E-03		
		0.3820E+01	-0.1443E-06		
		0.5840E+01	-0.1786E-12		
		0.7860E+01	-0.2755E-15		
		0.8145E+01	-0.2768E-15		
		0.8429E+01	-0.2776E-15		
		0.8714E+01	-0.2779E-15		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1584E-02		
		0.1211E+01	-0.9423E-03		
		0.1505E+01	-0.5266E-03		
		0.1800E+01	-0.2844E-03		
		0.3820E+01	-0.8228E-07		
		0.5840E+01	-0.1019E-12		
		0.7860E+01	-0.5735E-16		
		0.8145E+01	-0.5814E-16		
		0.8429E+01	-0.5861E-16		
		0.8714E+01	-0.5877E-16		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7153E-03		
		0.1211E+01	-0.4259E-03		
		0.1505E+01	-0.2382E-03		
		0.1800E+01	-0.1287E-03		
		0.3820E+01	-0.3727E-07		
		0.5840E+01	-0.4616E-13		
		0.7860E+01	0.5295E-16		
		0.8145E+01	0.5278E-16		
		0.8429E+01	0.5269E-16		
		0.8714E+01	0.5266E-16		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6683E-04		
		0.1211E+01	-0.4053E-04		
		0.1505E+01	-0.2298E-04		
		0.1800E+01	-0.1252E-04		
		0.3820E+01	-0.3673E-08		
		0.5840E+01	-0.4561E-14		
		0.7860E+01	0.6279E-16		
		0.8145E+01	0.6293E-16		
		0.8429E+01	0.6301E-16		
		0.8714E+01	0.6305E-16		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4765E-02		
		0.9159E+00	-0.3126E-02		
		0.1211E+01	-0.1968E-02		
		0.1505E+01	-0.1179E-02		
		0.1800E+01	-0.6877E-03		
		0.3820E+01	-0.5856E-06		
		0.5840E+01	-0.4943E-11		
		0.7860E+01	0.6717E-15		
		0.8145E+01	0.6786E-15		
		0.8429E+01	0.6828E-15		
		0.8714E+01	0.6843E-15		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3908E-02		
		0.6111E+00	-0.2713E-02		
		0.9159E+00	-0.1781E-02		
		0.1211E+01	-0.1122E-02		
		0.1505E+01	-0.6723E-03		
		0.1800E+01	-0.3923E-03		
		0.3820E+01	-0.3342E-06		
		0.5840E+01	-0.2821E-11		
		0.7860E+01	-0.6679E-15		
		0.8145E+01	-0.6663E-15		
		0.8429E+01	-0.6653E-15		
		0.8714E+01	-0.6650E-15		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1224E-02		
		0.9159E+00	-0.8048E-03		
		0.1211E+01	-0.5076E-03		
		0.1505E+01	-0.3045E-03		
		0.1800E+01	-0.1778E-03		
		0.3820E+01	-0.1516E-06		
		0.5840E+01	-0.1280E-11		
		0.7860E+01	-0.9205E-15		
		0.8145E+01	-0.9224E-15		
		0.8429E+01	-0.9235E-15		
		0.8714E+01	-0.9240E-15		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1127E-03		
		0.9159E+00	-0.7620E-04		
		0.1211E+01	-0.4908E-04		
		0.1505E+01	-0.2991E-04		
		0.1800E+01	-0.1763E-04		
		0.3820E+01	-0.1531E-07		
		0.5840E+01	-0.1295E-12		
		0.7860E+01	-0.5541E-15		
		0.8145E+01	-0.5566E-15		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	-0.5581E-15		
		0.8714E+01	-0.5587E-15		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9486E-02		
		0.3063E+00	-0.7058E-02		
		0.6111E+00	-0.5029E-02		
		0.9159E+00	-0.3419E-02		
		0.1211E+01	-0.2248E-02		
		0.1505E+01	-0.1419E-02		
		0.1800E+01	-0.8775E-03		
		0.3820E+01	-0.1684E-05		
		0.5840E+01	-0.5845E-10		
		0.7860E+01	0.6436E-14		
		0.8145E+01	0.6437E-14		
		0.8429E+01	0.6438E-14		
		0.8714E+01	0.6439E-14		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4015E-02		
		0.6111E+00	-0.2864E-02		
		0.9159E+00	-0.1949E-02		
		0.1211E+01	-0.1282E-02		
		0.1505E+01	-0.8099E-03		
		0.1800E+01	-0.5008E-03		
		0.3820E+01	-0.9616E-06		
		0.5840E+01	-0.3339E-10		
		0.7860E+01	0.6578E-14		
		0.8145E+01	0.6598E-14		
		0.8429E+01	0.6609E-14		
		0.8714E+01	0.6614E-14		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1293E-02		
		0.9159E+00	-0.8811E-03		
		0.1211E+01	-0.5806E-03		
		0.1505E+01	-0.3672E-03		
		0.1800E+01	-0.2272E-03		
		0.3820E+01	-0.4370E-06		
		0.5840E+01	-0.1517E-10		
		0.7860E+01	0.3263E-14		
		0.8145E+01	0.3283E-14		
		0.8429E+01	0.3295E-14		
		0.8714E+01	0.3300E-14		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1613E-03		
		0.6111E+00	-0.1201E-03		
		0.9159E+00	-0.8444E-04		
		0.1211E+01	-0.5696E-04		
		0.1505E+01	-0.3666E-04		
		0.1800E+01	-0.2294E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.4516E-07		
		0.5840E+01	-0.1574E-11		
		0.7860E+01	-0.9061E-16		
		0.8145E+01	-0.8011E-16		
		0.8429E+01	-0.7376E-16		
		0.8714E+01	-0.7164E-16		
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7249E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7211E-02		
		0.6111E+00	-0.5249E-02		
		0.9159E+00	-0.3670E-02		
		0.1211E+01	-0.2497E-02		
		0.1505E+01	-0.1643E-02		
		0.1800E+01	-0.1062E-02		
		0.3820E+01	-0.3841E-05		
		0.5840E+01	-0.4010E-09		
		0.7860E+01	-0.2118E-13		
		0.8145E+01	-0.2126E-13		
		0.8429E+01	-0.2131E-13		
		0.8714E+01	-0.2133E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7249E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4103E-02		
		0.6111E+00	-0.2990E-02		
		0.9159E+00	-0.2092E-02		
		0.1211E+01	-0.1425E-02		
		0.1505E+01	-0.9377E-03		
		0.1800E+01	-0.6066E-03		
		0.3820E+01	-0.2195E-05		
		0.5840E+01	-0.2292E-09		
		0.7860E+01	-0.2739E-14		
		0.8145E+01	-0.2803E-14		
		0.8429E+01	-0.2843E-14		
		0.8714E+01	-0.2856E-14		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7249E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1350E-02		
		0.9159E+00	-0.9468E-03		
		0.1211E+01	-0.6458E-03		
		0.1505E+01	-0.4255E-03		
		0.1800E+01	-0.2755E-03		
		0.3820E+01	-0.9989E-06		
		0.5840E+01	-0.1044E-09		
		0.7860E+01	0.1010E-13		
		0.8145E+01	0.1008E-13		
		0.8429E+01	0.1007E-13		
		0.8714E+01	0.1007E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7249E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1658E-03		
		0.6111E+00	-0.1265E-03		

		0.9159E+00	-0.9175E-04		
		0.1211E+01	-0.6420E-04		
		0.1505E+01	-0.4314E-04		
		0.1800E+01	-0.2827E-04		
		0.3820E+01	-0.1055E-06		
		0.5840E+01	-0.1109E-10		
		0.7860E+01	0.1292E-13		
		0.8145E+01	0.1294E-13		
		0.8429E+01	0.1295E-13		
		0.8714E+01	0.1295E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7723E+02	0.0000E+00
		0.1500E-02	-0.9599E-02		
		0.3063E+00	-0.7340E-02		
		0.6111E+00	-0.5435E-02		
		0.9159E+00	-0.3887E-02		
		0.1211E+01	-0.2719E-02		
		0.1505E+01	-0.1848E-02		
		0.1800E+01	-0.1239E-02		
		0.3820E+01	-0.7444E-05		
		0.5840E+01	-0.1878E-08		
		0.7860E+01	-0.4417E-13		
		0.8145E+01	-0.4392E-13		
		0.8429E+01	-0.4380E-13		
		0.8714E+01	-0.4376E-13		
5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7723E+02	0.0000E+00
		0.1500E-02	-0.5455E-02		
		0.3063E+00	-0.4177E-02		
		0.6111E+00	-0.3097E-02		
		0.9159E+00	-0.2217E-02		
		0.1211E+01	-0.1552E-02		
		0.1505E+01	-0.1055E-02		
		0.1800E+01	-0.7079E-03		
		0.3820E+01	-0.4257E-05		
		0.5840E+01	-0.1074E-08		
		0.7860E+01	-0.5621E-13		
		0.8145E+01	-0.5620E-13		
		0.8429E+01	-0.5620E-13		
		0.8714E+01	-0.5621E-13		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7723E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1882E-02		
		0.6111E+00	-0.1399E-02		
		0.9159E+00	-0.1004E-02		
		0.1211E+01	-0.7039E-03		
		0.1505E+01	-0.4794E-03		
		0.1800E+01	-0.3219E-03		
		0.3820E+01	-0.1940E-05		
		0.5840E+01	-0.4898E-09		
		0.7860E+01	-0.3729E-13		
		0.8145E+01	-0.3739E-13		
		0.8429E+01	-0.3746E-13		
		0.8714E+01	-0.3749E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7723E+02	0.0000E+00
		0.1500E-02	-0.2081E-03		
		0.3063E+00	-0.1696E-03		
		0.6111E+00	-0.1321E-03		
		0.9159E+00	-0.9827E-04		
		0.1211E+01	-0.7085E-04		
		0.1505E+01	-0.4930E-04		
		0.1800E+01	-0.3354E-04		
		0.3820E+01	-0.2093E-06		
		0.5840E+01	-0.5323E-10		
		0.7860E+01	-0.7308E-14		
		0.8145E+01	-0.7424E-14		
		0.8429E+01	-0.7493E-14		
		0.8714E+01	-0.7517E-14		
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8176E+02	0.0000E+00
		0.1500E-02	-0.9642E-02		
		0.3063E+00	-0.7448E-02		
		0.6111E+00	-0.5595E-02		
		0.9159E+00	-0.4077E-02		
		0.1211E+01	-0.2917E-02		
		0.1505E+01	-0.2037E-02		
		0.1800E+01	-0.1406E-02		
		0.3820E+01	-0.1281E-04		
		0.5840E+01	-0.6654E-08		
		0.7860E+01	0.9871E-13		
		0.8145E+01	0.1010E-12		
		0.8429E+01	0.1023E-12		
		0.8714E+01	0.1027E-12		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8176E+02	0.0000E+00
		0.1500E-02	-0.5479E-02		
		0.3063E+00	-0.4239E-02		
		0.6111E+00	-0.3188E-02		
		0.9159E+00	-0.2325E-02		
		0.1211E+01	-0.1665E-02		
		0.1505E+01	-0.1164E-02		
		0.1800E+01	-0.8038E-03		
		0.3820E+01	-0.7328E-05		
		0.5840E+01	-0.3809E-08		
		0.7860E+01	-0.1310E-13		
		0.8145E+01	-0.1175E-13		
		0.8429E+01	-0.1103E-13		
		0.8714E+01	-0.1080E-13		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8176E+02	0.0000E+00
		0.1500E-02	-0.2461E-02		
		0.3063E+00	-0.1910E-02		
		0.6111E+00	-0.1441E-02		
		0.9159E+00	-0.1054E-02		
		0.1211E+01	-0.7559E-03		
		0.1505E+01	-0.5290E-03		
		0.1800E+01	-0.3658E-03		
		0.3820E+01	-0.3345E-05		
		0.5840E+01	-0.1739E-08		
		0.7860E+01	-0.8009E-13		

		0.8145E+01	-0.7955E-13		
		0.8429E+01	-0.7927E-13		
		0.8714E+01	-0.7918E-13		
5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8176E+02	0.0000E+00
		0.1500E-02	-0.2094E-03		
		0.3063E+00	-0.1730E-03		
		0.6111E+00	-0.1370E-03		
		0.9159E+00	-0.1041E-03		
		0.1211E+01	-0.7697E-04		
		0.1505E+01	-0.5511E-04		
		0.1800E+01	-0.3866E-04		
		0.3820E+01	-0.3681E-06		
		0.5840E+01	-0.1932E-09		
		0.7860E+01	-0.9129E-13		
		0.8145E+01	-0.9137E-13		
		0.8429E+01	-0.9142E-13		
		0.8714E+01	-0.9144E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8610E+02	0.0000E+00
		0.1500E-02	-0.9679E-02		
		0.3063E+00	-0.7541E-02		
		0.6111E+00	-0.5732E-02		
		0.9159E+00	-0.4243E-02		
		0.1211E+01	-0.3094E-02		
		0.1505E+01	-0.2209E-02		
		0.1800E+01	-0.1563E-02		
		0.3820E+01	-0.2014E-04		
		0.5840E+01	-0.1912E-07		
		0.7860E+01	0.5343E-12		
		0.8145E+01	0.5470E-12		
		0.8429E+01	0.5536E-12		
		0.8714E+01	0.5557E-12		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8610E+02	0.0000E+00
		0.1500E-02	-0.5500E-02		
		0.3063E+00	-0.4292E-02		
		0.6111E+00	-0.3267E-02		
		0.9159E+00	-0.2421E-02		
		0.1211E+01	-0.1767E-02		
		0.1505E+01	-0.1263E-02		
		0.1800E+01	-0.8938E-03		
		0.3820E+01	-0.1153E-04		
		0.5840E+01	-0.1095E-07		
		0.7860E+01	0.2735E-12		
		0.8145E+01	0.2809E-12		
		0.8429E+01	0.2847E-12		
		0.8714E+01	0.2859E-12		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8610E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1935E-02		
		0.6111E+00	-0.1477E-02		
		0.9159E+00	-0.1098E-02		
		0.1211E+01	-0.8026E-03		
		0.1505E+01	-0.5745E-03		

		0.1800E+01	-0.4071E-03		
		0.3820E+01	-0.5271E-05		
		0.5840E+01	-0.5008E-08		
		0.7860E+01	0.9215E-13		
		0.8145E+01	0.9588E-13		
		0.8429E+01	0.9790E-13		
		0.8714E+01	0.9855E-13		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8610E+02	0.0000E+00
		0.1500E-02	-0.2106E-03		
		0.3063E+00	-0.1760E-03		
		0.6111E+00	-0.1414E-03		
		0.9159E+00	-0.1095E-03		
		0.1211E+01	-0.8260E-04		
		0.1505E+01	-0.6058E-04		
		0.1800E+01	-0.4361E-04		
		0.3820E+01	-0.5912E-06		
		0.5840E+01	-0.5679E-09		
		0.7860E+01	-0.5281E-13		
		0.8145E+01	-0.5193E-13		
		0.8429E+01	-0.5134E-13		
		0.8714E+01	-0.5114E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9028E+02	0.0000E+00
		0.1500E-02	-0.9710E-02		
		0.3063E+00	-0.7622E-02		
		0.6111E+00	-0.5853E-02		
		0.9159E+00	-0.4390E-02		
		0.1211E+01	-0.3252E-02		
		0.1505E+01	-0.2367E-02		
		0.1800E+01	-0.1710E-02		
		0.3820E+01	-0.2955E-04		
		0.5840E+01	-0.4671E-07		
		0.7860E+01	0.2526E-11		
		0.8145E+01	0.2589E-11		
		0.8429E+01	0.2622E-11		
		0.8714E+01	0.2632E-11		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9028E+02	0.0000E+00
		0.1500E-02	-0.5519E-02		
		0.3063E+00	-0.4339E-02		
		0.6111E+00	-0.3336E-02		
		0.9159E+00	-0.2505E-02		
		0.1211E+01	-0.1858E-02		
		0.1505E+01	-0.1353E-02		
		0.1800E+01	-0.9779E-03		
		0.3820E+01	-0.1693E-04		
		0.5840E+01	-0.2677E-07		
		0.7860E+01	0.1025E-11		
		0.8145E+01	0.1058E-11		
		0.8429E+01	0.1076E-11		
		0.8714E+01	0.1081E-11		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9028E+02	0.0000E+00
		0.1500E-02	-0.2479E-02		
		0.3063E+00	-0.1956E-02		

		0.6111E+00	-0.1509E-02		
		0.9159E+00	-0.1136E-02		
		0.1211E+01	-0.8446E-03		
		0.1505E+01	-0.6162E-03		
		0.1800E+01	-0.4459E-03		
		0.3820E+01	-0.7748E-05		
		0.5840E+01	-0.1226E-07		
		0.7860E+01	0.5601E-12		
		0.8145E+01	0.5757E-12		
		0.8429E+01	0.5841E-12		
		0.8714E+01	0.5868E-12		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9028E+02	0.0000E+00
		0.1500E-02	-0.2116E-03		
		0.3063E+00	-0.1786E-03		
		0.6111E+00	-0.1454E-03		
		0.9159E+00	-0.1143E-03		
		0.1211E+01	-0.8781E-04		
		0.1505E+01	-0.6573E-04		
		0.1800E+01	-0.4836E-04		
		0.3820E+01	-0.8849E-06		
		0.5840E+01	-0.1419E-08		
		0.7860E+01	0.3070E-12		
		0.8145E+01	0.3104E-12		
		0.8429E+01	0.3128E-12		
		0.8714E+01	0.3136E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9432E+02	0.0000E+00
		0.1500E-02	-0.9738E-02		
		0.3063E+00	-0.7692E-02		
		0.6111E+00	-0.5959E-02		
		0.9159E+00	-0.4521E-02		
		0.1211E+01	-0.3396E-02		
		0.1505E+01	-0.2511E-02		
		0.1800E+01	-0.1846E-02		
		0.3820E+01	-0.4105E-04		
		0.5840E+01	-0.1005E-06		
		0.7860E+01	0.1444E-10		
		0.8145E+01	0.1471E-10		
		0.8429E+01	0.1485E-10		
		0.8714E+01	0.1489E-10		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9432E+02	0.0000E+00
		0.1500E-02	-0.5534E-02		
		0.3063E+00	-0.4379E-02		
		0.6111E+00	-0.3397E-02		
		0.9159E+00	-0.2581E-02		
		0.1211E+01	-0.1940E-02		
		0.1505E+01	-0.1436E-02		
		0.1800E+01	-0.1056E-02		
		0.3820E+01	-0.2353E-04		
		0.5840E+01	-0.5763E-07		
		0.7860E+01	0.4832E-11		
		0.8145E+01	0.4966E-11		
		0.8429E+01	0.5036E-11		
		0.8714E+01	0.5059E-11		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9432E+02	0.0000E+00
		0.1500E-02	-0.2486E-02		
		0.3063E+00	-0.1975E-02		
		0.6111E+00	-0.1537E-02		
		0.9159E+00	-0.1171E-02		
		0.1211E+01	-0.8826E-03		
		0.1505E+01	-0.6545E-03		
		0.1800E+01	-0.4821E-03		
		0.3820E+01	-0.1078E-04		
		0.5840E+01	-0.2644E-07		
		0.7860E+01	0.1878E-11		
		0.8145E+01	0.1937E-11		
		0.8429E+01	0.1969E-11		
		0.8714E+01	0.1980E-11		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9432E+02	0.0000E+00
		0.1500E-02	-0.2125E-03		
		0.3063E+00	-0.1810E-03		
		0.6111E+00	-0.1490E-03		
		0.9159E+00	-0.1187E-03		
		0.1211E+01	-0.9262E-04		
		0.1505E+01	-0.7057E-04		
		0.1800E+01	-0.5291E-04		
		0.3820E+01	-0.1253E-05		
		0.5840E+01	-0.3119E-08		
		0.7860E+01	0.1036E-11		
		0.8145E+01	0.1047E-11		
		0.8429E+01	0.1054E-11		
		0.8714E+01	0.1057E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9822E+02	0.0000E+00
		0.1500E-02	-0.9762E-02		
		0.3063E+00	-0.7754E-02		
		0.6111E+00	-0.6053E-02		
		0.9159E+00	-0.4638E-02		
		0.1211E+01	-0.3525E-02		
		0.1505E+01	-0.2644E-02		
		0.1800E+01	-0.1973E-02		
		0.3820E+01	-0.5457E-04		
		0.5840E+01	-0.1951E-06		
		0.7860E+01	0.7124E-10		
		0.8145E+01	0.7217E-10		
		0.8429E+01	0.7268E-10		
		0.8714E+01	0.7284E-10		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9822E+02	0.0000E+00
		0.1500E-02	-0.5548E-02		
		0.3063E+00	-0.4415E-02		
		0.6111E+00	-0.3451E-02		
		0.9159E+00	-0.2648E-02		
		0.1211E+01	-0.2015E-02		
		0.1505E+01	-0.1512E-02		
		0.1800E+01	-0.1129E-02		
		0.3820E+01	-0.3130E-04		
		0.5840E+01	-0.1120E-06		

		0.7860E+01	0.2515E-10		
		0.8145E+01	0.2562E-10		
		0.8429E+01	0.2587E-10		
		0.8714E+01	0.2595E-10		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9822E+02	0.0000E+00
		0.1500E-02	-0.2493E-02		
		0.3063E+00	-0.1991E-02		
		0.6111E+00	-0.1562E-02		
		0.9159E+00	-0.1202E-02		
		0.1211E+01	-0.9170E-03		
		0.1505E+01	-0.6897E-03		
		0.1800E+01	-0.5158E-03		
		0.3820E+01	-0.1436E-04		
		0.5840E+01	-0.5146E-07		
		0.7860E+01	0.8727E-11		
		0.8145E+01	0.8932E-11		
		0.8429E+01	0.9044E-11		
		0.8714E+01	0.9080E-11		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9822E+02	0.0000E+00
		0.1500E-02	-0.2134E-03		
		0.3063E+00	-0.1831E-03		
		0.6111E+00	-0.1522E-03		
		0.9159E+00	-0.1227E-03		
		0.1211E+01	-0.9708E-04		
		0.1505E+01	-0.7511E-04		
		0.1800E+01	-0.5724E-04		
		0.3820E+01	-0.1697E-05		
		0.5840E+01	-0.6184E-08		
		0.7860E+01	0.3409E-11		
		0.8145E+01	0.3449E-11		
		0.8429E+01	0.3476E-11		
		0.8714E+01	0.3486E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1020E+03	0.0000E+00
		0.1500E-02	-0.9784E-02		
		0.3063E+00	-0.7809E-02		
		0.6111E+00	-0.6136E-02		
		0.9159E+00	-0.4742E-02		
		0.1211E+01	-0.3642E-02		
		0.1505E+01	-0.2765E-02		
		0.1800E+01	-0.2091E-02		
		0.3820E+01	-0.6999E-04		
		0.5840E+01	-0.3487E-06		
		0.7860E+01	0.2880E-09		
		0.8145E+01	0.2908E-09		
		0.8429E+01	0.2924E-09		
		0.8714E+01	0.2930E-09		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1020E+03	0.0000E+00
		0.1500E-02	-0.5561E-02		
		0.3063E+00	-0.4446E-02		
		0.6111E+00	-0.3499E-02		
		0.9159E+00	-0.2708E-02		
		0.1211E+01	-0.2082E-02		

		0.1505E+01	-0.1582E-02		
		0.1800E+01	-0.1197E-02		
		0.3820E+01	-0.4017E-04		
		0.5840E+01	-0.2003E-06		
		0.7860E+01	0.1110E-09		
		0.8145E+01	0.1124E-09		
		0.8429E+01	0.1132E-09		
		0.8714E+01	0.1135E-09		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1020E+03	0.0000E+00
		0.1500E-02	-0.2498E-02		
		0.3063E+00	-0.2006E-02		
		0.6111E+00	-0.1585E-02		
		0.9159E+00	-0.1230E-02		
		0.1211E+01	-0.9482E-03		
		0.1505E+01	-0.7220E-03		
		0.1800E+01	-0.5473E-03		
		0.3820E+01	-0.1845E-04		
		0.5840E+01	-0.9215E-07		
		0.7860E+01	0.4115E-10		
		0.8145E+01	0.4179E-10		
		0.8429E+01	0.4214E-10		
		0.8714E+01	0.4226E-10		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1020E+03	0.0000E+00
		0.1500E-02	-0.2141E-03		
		0.3063E+00	-0.1851E-03		
		0.6111E+00	-0.1552E-03		
		0.9159E+00	-0.1265E-03		
		0.1211E+01	-0.1012E-03		
		0.1505E+01	-0.7938E-04		
		0.1800E+01	-0.6137E-04		
		0.3820E+01	-0.2215E-05		
		0.5840E+01	-0.1128E-07		
		0.7860E+01	0.1509E-10		
		0.8145E+01	0.1524E-10		
		0.8429E+01	0.1533E-10		
		0.8714E+01	0.1536E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1057E+03	0.0000E+00
		0.1500E-02	-0.9803E-02		
		0.3063E+00	-0.7858E-02		
		0.6111E+00	-0.6211E-02		
		0.9159E+00	-0.4837E-02		
		0.1211E+01	-0.3748E-02		
		0.1505E+01	-0.2876E-02		
		0.1800E+01	-0.2201E-02		
		0.3820E+01	-0.8714E-04		
		0.5840E+01	-0.5818E-06		
		0.7860E+01	0.9850E-09		
		0.8145E+01	0.9930E-09		
		0.8429E+01	0.9974E-09		
		0.8714E+01	0.9989E-09		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1057E+03	0.0000E+00
		0.1500E-02	-0.5572E-02		

		0.3063E+00	-0.4475E-02		
		0.6111E+00	-0.3542E-02		
		0.9159E+00	-0.2763E-02		
		0.1211E+01	-0.2143E-02		
		0.1505E+01	-0.1646E-02		
		0.1800E+01	-0.1261E-02		
		0.3820E+01	-0.5004E-04		
		0.5840E+01	-0.3344E-06		
		0.7860E+01	0.4089E-09		
		0.8145E+01	0.4129E-09		
		0.8429E+01	0.4152E-09		
		0.8714E+01	0.4159E-09		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1057E+03	0.0000E+00
		0.1500E-02	-0.2503E-02		
		0.3063E+00	-0.2019E-02		
		0.6111E+00	-0.1605E-02		
		0.9159E+00	-0.1255E-02		
		0.1211E+01	-0.9767E-03		
		0.1505E+01	-0.7518E-03		
		0.1800E+01	-0.5765E-03		
		0.3820E+01	-0.2302E-04		
		0.5840E+01	-0.1541E-06		
		0.7860E+01	0.1643E-09		
		0.8145E+01	0.1661E-09		
		0.8429E+01	0.1671E-09		
		0.8714E+01	0.1675E-09		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1057E+03	0.0000E+00
		0.1500E-02	-0.2148E-03		
		0.3063E+00	-0.1869E-03		
		0.6111E+00	-0.1579E-03		
		0.9159E+00	-0.1299E-03		
		0.1211E+01	-0.1051E-03		
		0.1505E+01	-0.8340E-04		
		0.1800E+01	-0.6530E-04		
		0.3820E+01	-0.2805E-05		
		0.5840E+01	-0.1918E-07		
		0.7860E+01	0.6421E-10		
		0.8145E+01	0.6468E-10		
		0.8429E+01	0.6499E-10		
		0.8714E+01	0.6509E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1093E+03	0.0000E+00
		0.1500E-02	-0.9820E-02		
		0.3063E+00	-0.7902E-02		
		0.6111E+00	-0.6278E-02		
		0.9159E+00	-0.4922E-02		
		0.1211E+01	-0.3845E-02		
		0.1505E+01	-0.2978E-02		
		0.1800E+01	-0.2303E-02		
		0.3820E+01	-0.1058E-03		
		0.5840E+01	-0.9167E-06		
		0.7860E+01	0.2941E-08		
		0.8145E+01	0.2961E-08		
		0.8429E+01	0.2972E-08		

		0.8714E+01	0.2976E-08		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1093E+03	0.0000E+00
		0.1500E-02	-0.5582E-02		
		0.3063E+00	-0.4500E-02		
		0.6111E+00	-0.3581E-02		
		0.9159E+00	-0.2812E-02		
		0.1211E+01	-0.2199E-02		
		0.1505E+01	-0.1705E-02		
		0.1800E+01	-0.1319E-02		
		0.3820E+01	-0.6082E-04		
		0.5840E+01	-0.5272E-06		
		0.7860E+01	0.1299E-08		
		0.8145E+01	0.1309E-08		
		0.8429E+01	0.1315E-08		
		0.8714E+01	0.1317E-08		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1093E+03	0.0000E+00
		0.1500E-02	-0.2508E-02		
		0.3063E+00	-0.2031E-02		
		0.6111E+00	-0.1623E-02		
		0.9159E+00	-0.1278E-02		
		0.1211E+01	-0.1003E-02		
		0.1505E+01	-0.7792E-03		
		0.1800E+01	-0.6038E-03		
		0.3820E+01	-0.2801E-04		
		0.5840E+01	-0.2432E-06		
		0.7860E+01	0.5583E-09		
		0.8145E+01	0.5629E-09		
		0.8429E+01	0.5656E-09		
		0.8714E+01	0.5665E-09		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1093E+03	0.0000E+00
		0.1500E-02	-0.2155E-03		
		0.3063E+00	-0.1885E-03		
		0.6111E+00	-0.1604E-03		
		0.9159E+00	-0.1331E-03		
		0.1211E+01	-0.1087E-03		
		0.1505E+01	-0.8718E-04		
		0.1800E+01	-0.6903E-04		
		0.3820E+01	-0.3463E-05		
		0.5840E+01	-0.3079E-07		
		0.7860E+01	0.2339E-09		
		0.8145E+01	0.2353E-09		
		0.8429E+01	0.2362E-09		
		0.8714E+01	0.2365E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1127E+03	0.0000E+00
		0.1500E-02	-0.9835E-02		
		0.3063E+00	-0.7941E-02		
		0.6111E+00	-0.6338E-02		
		0.9159E+00	-0.4999E-02		
		0.1211E+01	-0.3933E-02		
		0.1505E+01	-0.3072E-02		
		0.1800E+01	-0.2397E-02		
		0.3820E+01	-0.1259E-03		

		0.5840E+01	-0.1376E-05		
		0.7860E+01	0.7845E-08		
		0.8145E+01	0.7891E-08		
		0.8429E+01	0.7918E-08		
		0.8714E+01	0.7927E-08		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1127E+03	0.0000E+00
		0.1500E-02	-0.5590E-02		
		0.3063E+00	-0.4523E-02		
		0.6111E+00	-0.3616E-02		
		0.9159E+00	-0.2857E-02		
		0.1211E+01	-0.2250E-02		
		0.1505E+01	-0.1760E-02		
		0.1800E+01	-0.1374E-02		
		0.3820E+01	-0.7238E-04		
		0.5840E+01	-0.7918E-06		
		0.7860E+01	0.3653E-08		
		0.8145E+01	0.3677E-08		
		0.8429E+01	0.3691E-08		
		0.8714E+01	0.3695E-08		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1127E+03	0.0000E+00
		0.1500E-02	-0.2512E-02		
		0.3063E+00	-0.2042E-02		
		0.6111E+00	-0.1639E-02		
		0.9159E+00	-0.1299E-02		
		0.1211E+01	-0.1027E-02		
		0.1505E+01	-0.8045E-03		
		0.1800E+01	-0.6293E-03		
		0.3820E+01	-0.3337E-04		
		0.5840E+01	-0.3658E-06		
		0.7860E+01	0.1661E-08		
		0.8145E+01	0.1672E-08		
		0.8429E+01	0.1679E-08		
		0.8714E+01	0.1681E-08		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1127E+03	0.0000E+00
		0.1500E-02	-0.2161E-03		
		0.3063E+00	-0.1900E-03		
		0.6111E+00	-0.1627E-03		
		0.9159E+00	-0.1360E-03		
		0.1211E+01	-0.1120E-03		
		0.1505E+01	-0.9074E-04		
		0.1800E+01	-0.7259E-04		
		0.3820E+01	-0.4184E-05		
		0.5840E+01	-0.4707E-07		
		0.7860E+01	0.7384E-09		
		0.8145E+01	0.7422E-09		
		0.8429E+01	0.7446E-09		
		0.8714E+01	0.7454E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1161E+03	0.0000E+00
		0.1500E-02	-0.9849E-02		
		0.3063E+00	-0.7976E-02		
		0.6111E+00	-0.6393E-02		
		0.9159E+00	-0.5070E-02		

		0.1211E+01	-0.4014E-02		
		0.1505E+01	-0.3159E-02		
		0.1800E+01	-0.2485E-02		
		0.3820E+01	-0.1471E-03		
		0.5840E+01	-0.1982E-05		
		0.7860E+01	0.1902E-07		
		0.8145E+01	0.1912E-07		
		0.8429E+01	0.1918E-07		
		0.8714E+01	0.1920E-07		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1161E+03	0.0000E+00
		0.1500E-02	-0.5598E-02		
		0.3063E+00	-0.4543E-02		
		0.6111E+00	-0.3648E-02		
		0.9159E+00	-0.2897E-02		
		0.1211E+01	-0.2297E-02		
		0.1505E+01	-0.1810E-02		
		0.1800E+01	-0.1425E-02		
		0.3820E+01	-0.8463E-04		
		0.5840E+01	-0.1141E-05		
		0.7860E+01	0.9280E-08		
		0.8145E+01	0.9333E-08		
		0.8429E+01	0.9363E-08		
		0.8714E+01	0.9373E-08		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1161E+03	0.0000E+00
		0.1500E-02	-0.2516E-02		
		0.3063E+00	-0.2051E-02		
		0.6111E+00	-0.1654E-02		
		0.9159E+00	-0.1318E-02		
		0.1211E+01	-0.1048E-02		
		0.1505E+01	-0.8279E-03		
		0.1800E+01	-0.6530E-03		
		0.3820E+01	-0.3906E-04		
		0.5840E+01	-0.5280E-06		
		0.7860E+01	0.4430E-08		
		0.8145E+01	0.4455E-08		
		0.8429E+01	0.4470E-08		
		0.8714E+01	0.4475E-08		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1161E+03	0.0000E+00
		0.1500E-02	-0.2166E-03		
		0.3063E+00	-0.1914E-03		
		0.6111E+00	-0.1649E-03		
		0.9159E+00	-0.1388E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9409E-04		
		0.1800E+01	-0.7596E-04		
		0.3820E+01	-0.4964E-05		
		0.5840E+01	-0.6900E-07		
		0.7860E+01	0.2071E-08		
		0.8145E+01	0.2080E-08		
		0.8429E+01	0.2086E-08		
		0.8714E+01	0.2088E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1195E+03	0.0000E+00

		0.1500E-02	-0.9861E-02		
		0.3063E+00	-0.8009E-02		
		0.6111E+00	-0.6443E-02		
		0.9159E+00	-0.5134E-02		
		0.1211E+01	-0.4089E-02		
		0.1505E+01	-0.3239E-02		
		0.1800E+01	-0.2567E-02		
		0.3820E+01	-0.1693E-03		
		0.5840E+01	-0.2756E-05		
		0.7860E+01	0.4249E-07		
		0.8145E+01	0.4269E-07		
		0.8429E+01	0.4280E-07		
		0.8714E+01	0.4285E-07		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1195E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4562E-02		
		0.6111E+00	-0.3677E-02		
		0.9159E+00	-0.2935E-02		
		0.1211E+01	-0.2340E-02		
		0.1505E+01	-0.1856E-02		
		0.1800E+01	-0.1472E-02		
		0.3820E+01	-0.9744E-04		
		0.5840E+01	-0.1588E-05		
		0.7860E+01	0.2162E-07		
		0.8145E+01	0.2172E-07		
		0.8429E+01	0.2179E-07		
		0.8714E+01	0.2181E-07		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1195E+03	0.0000E+00
		0.1500E-02	-0.2519E-02		
		0.3063E+00	-0.2060E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1336E-02		
		0.1211E+01	-0.1068E-02		
		0.1505E+01	-0.8496E-03		
		0.1800E+01	-0.6751E-03		
		0.3820E+01	-0.4502E-04		
		0.5840E+01	-0.7356E-06		
		0.7860E+01	0.1077E-07		
		0.8145E+01	0.1083E-07		
		0.8429E+01	0.1086E-07		
		0.8714E+01	0.1087E-07		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1195E+03	0.0000E+00
		0.1500E-02	-0.2171E-03		
		0.3063E+00	-0.1927E-03		
		0.6111E+00	-0.1669E-03		
		0.9159E+00	-0.1413E-03		
		0.1211E+01	-0.1181E-03		
		0.1505E+01	-0.9725E-04		
		0.1800E+01	-0.7917E-04		
		0.3820E+01	-0.5796E-05		
		0.5840E+01	-0.9760E-07		
		0.7860E+01	0.5263E-08		
		0.8145E+01	0.5285E-08		
		0.8429E+01	0.5299E-08		
		0.8714E+01	0.5304E-08		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1227E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8038E-02		
		0.6111E+00	-0.6488E-02		
		0.9159E+00	-0.5193E-02		
		0.1211E+01	-0.4157E-02		
		0.1505E+01	-0.3313E-02		
		0.1800E+01	-0.2643E-02		
		0.3820E+01	-0.1923E-03		
		0.5840E+01	-0.3716E-05		
		0.7860E+01	0.8843E-07		
		0.8145E+01	0.8881E-07		
		0.8429E+01	0.8903E-07		
		0.8714E+01	0.8911E-07		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1227E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4579E-02		
		0.6111E+00	-0.3703E-02		
		0.9159E+00	-0.2969E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1899E-02		
		0.1800E+01	-0.1516E-02		
		0.3820E+01	-0.1107E-03		
		0.5840E+01	-0.2143E-05		
		0.7860E+01	0.4672E-07		
		0.8145E+01	0.4693E-07		
		0.8429E+01	0.4705E-07		
		0.8714E+01	0.4710E-07		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1227E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2068E-02		
		0.6111E+00	-0.1680E-02		
		0.9159E+00	-0.1352E-02		
		0.1211E+01	-0.1087E-02		
		0.1505E+01	-0.8697E-03		
		0.1800E+01	-0.6958E-03		
		0.3820E+01	-0.5121E-04		
		0.5840E+01	-0.9939E-06		
		0.7860E+01	0.2420E-07		
		0.8145E+01	0.2431E-07		
		0.8429E+01	0.2438E-07		
		0.8714E+01	0.2440E-07		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1227E+03	0.0000E+00
		0.1500E-02	-0.2176E-03		
		0.3063E+00	-0.1939E-03		
		0.6111E+00	-0.1687E-03		
		0.9159E+00	-0.1437E-03		
		0.1211E+01	-0.1209E-03		
		0.1505E+01	-0.1002E-03		
		0.1800E+01	-0.8222E-04		
		0.3820E+01	-0.6675E-05		
		0.5840E+01	-0.1338E-06		
		0.7860E+01	0.1230E-07		
		0.8145E+01	0.1235E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.1238E-07		
		0.8714E+01	0.1239E-07		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1259E+03	0.0000E+00
		0.1500E-02	-0.9883E-02		
		0.3063E+00	-0.8064E-02		
		0.6111E+00	-0.6530E-02		
		0.9159E+00	-0.5247E-02		
		0.1211E+01	-0.4220E-02		
		0.1505E+01	-0.3382E-02		
		0.1800E+01	-0.2714E-02		
		0.3820E+01	-0.2159E-03		
		0.5840E+01	-0.4879E-05		
		0.7860E+01	0.1730E-06		
		0.8145E+01	0.1737E-06		
		0.8429E+01	0.1741E-06		
		0.8714E+01	0.1743E-06		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1259E+03	0.0000E+00
		0.1500E-02	-0.5618E-02		
		0.3063E+00	-0.4594E-02		
		0.6111E+00	-0.3727E-02		
		0.9159E+00	-0.3000E-02		
		0.1211E+01	-0.2416E-02		
		0.1505E+01	-0.1939E-02		
		0.1800E+01	-0.1558E-02		
		0.3820E+01	-0.1243E-03		
		0.5840E+01	-0.2815E-05		
		0.7860E+01	0.9460E-07		
		0.8145E+01	0.9499E-07		
		0.8429E+01	0.9522E-07		
		0.8714E+01	0.9530E-07		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1259E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2075E-02		
		0.6111E+00	-0.1691E-02		
		0.9159E+00	-0.1366E-02		
		0.1211E+01	-0.1104E-02		
		0.1505E+01	-0.8883E-03		
		0.1800E+01	-0.7151E-03		
		0.3820E+01	-0.5758E-04		
		0.5840E+01	-0.1308E-05		
		0.7860E+01	0.5076E-07		
		0.8145E+01	0.5097E-07		
		0.8429E+01	0.5110E-07		
		0.8714E+01	0.5114E-07		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1259E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1950E-03		
		0.6111E+00	-0.1704E-03		
		0.9159E+00	-0.1460E-03		
		0.1211E+01	-0.1235E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.8512E-04		

		0.3820E+01	-0.7596E-05		
		0.5840E+01	-0.1785E-06		
		0.7860E+01	0.2675E-07		
		0.8145E+01	0.2685E-07		
		0.8429E+01	0.2691E-07		
		0.8714E+01	0.2693E-07		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1290E+03	0.0000E+00
		0.1500E-02	-0.9892E-02		
		0.3063E+00	-0.8089E-02		
		0.6111E+00	-0.6568E-02		
		0.9159E+00	-0.5296E-02		
		0.1211E+01	-0.4278E-02		
		0.1505E+01	-0.3445E-02		
		0.1800E+01	-0.2781E-02		
		0.3820E+01	-0.2399E-03		
		0.5840E+01	-0.6259E-05		
		0.7860E+01	0.3208E-06		
		0.8145E+01	0.3220E-06		
		0.8429E+01	0.3227E-06		
		0.8714E+01	0.3229E-06		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1290E+03	0.0000E+00
		0.1500E-02	-0.5624E-02		
		0.3063E+00	-0.4608E-02		
		0.6111E+00	-0.3749E-02		
		0.9159E+00	-0.3029E-02		
		0.1211E+01	-0.2450E-02		
		0.1505E+01	-0.1976E-02		
		0.1800E+01	-0.1596E-02		
		0.3820E+01	-0.1383E-03		
		0.5840E+01	-0.3613E-05		
		0.7860E+01	0.1809E-06		
		0.8145E+01	0.1816E-06		
		0.8429E+01	0.1820E-06		
		0.8714E+01	0.1822E-06		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1290E+03	0.0000E+00
		0.1500E-02	-0.2528E-02		
		0.3063E+00	-0.2082E-02		
		0.6111E+00	-0.1701E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1120E-02		
		0.1505E+01	-0.9057E-03		
		0.1800E+01	-0.7332E-03		
		0.3820E+01	-0.6409E-04		
		0.5840E+01	-0.1680E-05		
		0.7860E+01	0.1003E-06		
		0.8145E+01	0.1006E-06		
		0.8429E+01	0.1009E-06		
		0.8714E+01	0.1009E-06		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1290E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1720E-03		

		0.9159E+00	-0.1480E-03		
		0.1211E+01	-0.1260E-03		
		0.1505E+01	-0.1057E-03		
		0.1800E+01	-0.8787E-04		
		0.3820E+01	-0.8553E-05		
		0.5840E+01	-0.2326E-06		
		0.7860E+01	0.5459E-07		
		0.8145E+01	0.5478E-07		
		0.8429E+01	0.5490E-07		
		0.8714E+01	0.5494E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1320E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6603E-02		
		0.9159E+00	-0.5342E-02		
		0.1211E+01	-0.4331E-02		
		0.1505E+01	-0.3504E-02		
		0.1800E+01	-0.2843E-02		
		0.3820E+01	-0.2642E-03		
		0.5840E+01	-0.7865E-05		
		0.7860E+01	0.5669E-06		
		0.8145E+01	0.5689E-06		
		0.8429E+01	0.5701E-06		
		0.8714E+01	0.5705E-06		
.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1320E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3769E-02		
		0.9159E+00	-0.3055E-02		
		0.1211E+01	-0.2481E-02		
		0.1505E+01	-0.2010E-02		
		0.1800E+01	-0.1632E-02		
		0.3820E+01	-0.1524E-03		
		0.5840E+01	-0.4543E-05		
		0.7860E+01	0.3290E-06		
		0.8145E+01	0.3302E-06		
		0.8429E+01	0.3309E-06		
		0.8714E+01	0.3311E-06		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1320E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1711E-02		
		0.9159E+00	-0.1392E-02		
		0.1211E+01	-0.1135E-02		
		0.1505E+01	-0.9218E-03		
		0.1800E+01	-0.7501E-03		
		0.3820E+01	-0.7069E-04		
		0.5840E+01	-0.2116E-05		
		0.7860E+01	0.1878E-06		
		0.8145E+01	0.1884E-06		
		0.8429E+01	0.1888E-06		
		0.8714E+01	0.1890E-06		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1320E+03	0.0000E+00
		0.1500E-02	-0.2188E-03		
		0.3063E+00	-0.1970E-03		
		0.6111E+00	-0.1736E-03		
		0.9159E+00	-0.1500E-03		
		0.1211E+01	-0.1283E-03		
		0.1505E+01	-0.1082E-03		
		0.1800E+01	-0.9050E-04		
		0.3820E+01	-0.9540E-05		
		0.5840E+01	-0.2968E-06		
		0.7860E+01	0.1054E-06		
		0.8145E+01	0.1057E-06		
		0.8429E+01	0.1059E-06		
		0.8714E+01	0.1060E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1350E+03	0.0000E+00
		0.1500E-02	-0.9909E-02		
		0.3063E+00	-0.8131E-02		
		0.6111E+00	-0.6635E-02		
		0.9159E+00	-0.5384E-02		
		0.1211E+01	-0.4381E-02		
		0.1505E+01	-0.3559E-02		
		0.1800E+01	-0.2900E-02		
		0.3820E+01	-0.2887E-03		
		0.5840E+01	-0.9705E-05		
		0.7860E+01	0.9605E-06		
		0.8145E+01	0.9637E-06		
		0.8429E+01	0.9656E-06		
		0.8714E+01	0.9663E-06		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1350E+03	0.0000E+00
		0.1500E-02	-0.5633E-02		
		0.3063E+00	-0.4633E-02		
		0.6111E+00	-0.3788E-02		
		0.9159E+00	-0.3079E-02		
		0.1211E+01	-0.2510E-02		
		0.1505E+01	-0.2042E-02		
		0.1800E+01	-0.1666E-02		
		0.3820E+01	-0.1666E-03		
		0.5840E+01	-0.5609E-05		
		0.7860E+01	0.5722E-06		
		0.8145E+01	0.5741E-06		
		0.8429E+01	0.5753E-06		
		0.8714E+01	0.5757E-06		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1350E+03	0.0000E+00
		0.1500E-02	-0.2532E-02		
		0.3063E+00	-0.2093E-02		
		0.6111E+00	-0.1720E-02		
		0.9159E+00	-0.1404E-02		
		0.1211E+01	-0.1148E-02		
		0.1505E+01	-0.9369E-03		
		0.1800E+01	-0.7659E-03		
		0.3820E+01	-0.7736E-04		
		0.5840E+01	-0.2615E-05		
		0.7860E+01	0.3355E-06		

		0.8145E+01	0.3366E-06		
		0.8429E+01	0.3373E-06		
		0.8714E+01	0.3375E-06		
0.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1350E+03	0.0000E+00
		0.1500E-02	-0.2191E-03		
		0.3063E+00	-0.1979E-03		
		0.6111E+00	-0.1750E-03		
		0.9159E+00	-0.1519E-03		
		0.1211E+01	-0.1304E-03		
		0.1505E+01	-0.1106E-03		
		0.1800E+01	-0.9300E-04		
		0.3820E+01	-0.1055E-04		
		0.5840E+01	-0.3716E-06		
		0.7860E+01	0.1936E-06		
		0.8145E+01	0.1942E-06		
		0.8429E+01	0.1945E-06		
		0.8714E+01	0.1947E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1374E+03	0.0000E+00
		0.1500E-02	-0.9915E-02		
		0.3063E+00	-0.8147E-02		
		0.6111E+00	-0.6659E-02		
		0.9159E+00	-0.5415E-02		
		0.1211E+01	-0.4418E-02		
		0.1505E+01	-0.3600E-02		
		0.1800E+01	-0.2944E-02		
		0.3820E+01	-0.3084E-03		
		0.5840E+01	-0.1135E-04		
		0.7860E+01	0.1425E-05		
		0.8145E+01	0.1429E-05		
		0.8429E+01	0.1432E-05		
		0.8714E+01	0.1433E-05		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1374E+03	0.0000E+00
		0.1500E-02	-0.5637E-02		
		0.3063E+00	-0.4642E-02		
		0.6111E+00	-0.3802E-02		
		0.9159E+00	-0.3098E-02		
		0.1211E+01	-0.2531E-02		
		0.1505E+01	-0.2066E-02		
		0.1800E+01	-0.1691E-02		
		0.3820E+01	-0.1780E-03		
		0.5840E+01	-0.6561E-05		
		0.7860E+01	0.8656E-06		
		0.8145E+01	0.8683E-06		
		0.8429E+01	0.8700E-06		
		0.8714E+01	0.8706E-06		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1374E+03	0.0000E+00
		0.1500E-02	-0.2534E-02		
		0.3063E+00	-0.2098E-02		
		0.6111E+00	-0.1726E-02		
		0.9159E+00	-0.1412E-02		
		0.1211E+01	-0.1158E-02		
		0.1505E+01	-0.9482E-03		

		0.1800E+01	-0.7778E-03		
		0.3820E+01	-0.8273E-04		
		0.5840E+01	-0.3062E-05		
		0.7860E+01	0.5177E-06		
		0.8145E+01	0.5194E-06		
		0.8429E+01	0.5204E-06		
		0.8714E+01	0.5208E-06		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1374E+03	0.0000E+00
		0.1500E-02	-0.2194E-03		
		0.3063E+00	-0.1986E-03		
		0.6111E+00	-0.1760E-03		
		0.9159E+00	-0.1533E-03		
		0.1211E+01	-0.1321E-03		
		0.1505E+01	-0.1125E-03		
		0.1800E+01	-0.9491E-04		
		0.3820E+01	-0.1138E-04		
		0.5840E+01	-0.4394E-06		
		0.7860E+01	0.3049E-06		
		0.8145E+01	0.3059E-06		
		0.8429E+01	0.3064E-06		
		0.8714E+01	0.3067E-06		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*            ANALYSIS      COMPLETED             *
*                                                *
*          TIME     -       11:10:18             *
*          EXECUTION TIME    0: 2: 0             *
*                                                *
*                                                *
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CLR14

Berry Clay/Radnor Till
Porosity = 0.31
(Site Maximum)

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*                                                           *
*                                                           *
*                      M I G R A T E v 9                    *
*                                                           *
*                        VERSION 9.0.7                      *
*                                                           *
*                     REVISION - 4/16/1996                  *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
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*                                                           *
*                                                           *
*                   RUN DATE -   15-11- 8                   *
*                   TIME     -   11:13:21                   *
*                                                           *
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Clinton LF No. 3 (CWU) CLR14 (BC/RT 0.31)

SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.310	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.310	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.310	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5793E-06		
		0.1800E+01	-0.1781E-07		
		0.3820E+01	-0.2721E-18		
		0.5840E+01	-0.1876E-23		
		0.7860E+01	-0.3209E-34		
		0.8145E+01	-0.8760E-34		
		0.8429E+01	-0.1003E-33		
		0.8714E+01	-0.1017E-33		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3292E-06		
		0.1800E+01	-0.1012E-07		
		0.3820E+01	-0.1464E-18		
		0.5840E+01	-0.1068E-23		
		0.7860E+01	-0.7109E-34		
		0.8145E+01	-0.9864E-34		
		0.8429E+01	-0.1035E-33		
		0.8714E+01	-0.1035E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.4546E-08		
		0.3820E+01	-0.5692E-19		
		0.5840E+01	-0.4824E-24		
		0.7860E+01	-0.5554E-34		
		0.8145E+01	-0.6584E-34		
		0.8429E+01	-0.6689E-34		
		0.8714E+01	-0.6650E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.3874E-09		
		0.3820E+01	0.8981E-20		
		0.5840E+01	-0.4511E-25		
		0.7860E+01	-0.4152E-34		
		0.8145E+01	-0.3901E-34		
		0.8429E+01	-0.3721E-34		
		0.8714E+01	-0.3655E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4046E-04		
		0.1800E+01	-0.6097E-05		
		0.3820E+01	-0.3121E-13		
		0.5840E+01	0.1090E-17		
		0.7860E+01	-0.1686E-24		
		0.8145E+01	0.1309E-24		
		0.8429E+01	0.2818E-24		
		0.8714E+01	0.3277E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2301E-04		
		0.1800E+01	-0.3467E-05		
		0.3820E+01	-0.1776E-13		
		0.5840E+01	0.6193E-18		
		0.7860E+01	-0.4043E-24		
		0.8145E+01	-0.2323E-24		
		0.8429E+01	-0.1440E-24		
		0.8714E+01	-0.1169E-24		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1035E-04		
		0.1800E+01	-0.1560E-05		
		0.3820E+01	-0.8000E-14		
		0.5840E+01	0.2781E-18		
		0.7860E+01	-0.2609E-24		
		0.8145E+01	-0.1810E-24		
		0.8429E+01	-0.1383E-24		
		0.8714E+01	-0.1250E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9100E-06		
		0.1800E+01	-0.1375E-06		
		0.3820E+01	-0.7177E-15		
		0.5840E+01	0.2355E-19		
		0.7860E+01	-0.6865E-25		
		0.8145E+01	-0.5642E-25		
		0.8429E+01	-0.4734E-25		
		0.8714E+01	-0.4412E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5282E-03		
		0.1505E+01	-0.1814E-03		
		0.1800E+01	-0.4712E-04		
		0.3820E+01	-0.1123E-09		
		0.5840E+01	0.1071E-15		
		0.7860E+01	-0.1987E-19		
		0.8145E+01	-0.1897E-19		
		0.8429E+01	-0.1856E-19		

		0.8714E+01	-0.1844E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3005E-03		
		0.1505E+01	-0.1032E-03		
		0.1800E+01	-0.2682E-04		
		0.3820E+01	-0.6395E-10		
		0.5840E+01	0.6076E-16		
		0.7860E+01	0.5670E-20		
		0.8145E+01	0.6391E-20		
		0.8429E+01	0.6761E-20		
		0.8714E+01	0.6875E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1354E-03		
		0.1505E+01	-0.4651E-04		
		0.1800E+01	-0.1209E-04		
		0.3820E+01	-0.2885E-10		
		0.5840E+01	0.2717E-16		
		0.7860E+01	0.4036E-20		
		0.8145E+01	0.4406E-20		
		0.8429E+01	0.4607E-20		
		0.8714E+01	0.4671E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1215E-04		
		0.1505E+01	-0.4202E-05		
		0.1800E+01	-0.1098E-05		
		0.3820E+01	-0.2655E-11		
		0.5840E+01	0.2140E-17		
		0.7860E+01	0.1526E-20		
		0.8145E+01	0.1591E-20		
		0.8429E+01	0.1639E-20		
		0.8714E+01	0.1655E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9186E-03		
		0.1505E+01	-0.3947E-03		
		0.1800E+01	-0.1357E-03		
		0.3820E+01	-0.6926E-08		

		0.5840E+01	-0.2006E-14		
		0.7860E+01	0.1032E-16		
		0.8145E+01	0.1043E-16		
		0.8429E+01	0.1049E-16		
		0.8714E+01	0.1052E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5229E-03		
		0.1505E+01	-0.2248E-03		
		0.1800E+01	-0.7731E-04		
		0.3820E+01	-0.3946E-08		
		0.5840E+01	-0.1145E-14		
		0.7860E+01	0.1454E-17		
		0.8145E+01	0.1505E-17		
		0.8429E+01	0.1534E-17		
		0.8714E+01	0.1544E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4832E-03		
		0.1211E+01	-0.2359E-03		
		0.1505E+01	-0.1014E-03		
		0.1800E+01	-0.3490E-04		
		0.3820E+01	-0.1784E-08		
		0.5840E+01	-0.5189E-15		
		0.7860E+01	-0.1213E-17		
		0.8145E+01	-0.1203E-17		
		0.8429E+01	-0.1198E-17		
		0.8714E+01	-0.1196E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4377E-04		
		0.1211E+01	-0.2163E-04		
		0.1505E+01	-0.9388E-05		
		0.1800E+01	-0.3254E-05		
		0.3820E+01	-0.1697E-09		
		0.5840E+01	-0.5182E-16		
		0.7860E+01	-0.9395E-18		
		0.8145E+01	-0.9439E-18		
		0.8429E+01	-0.9463E-18		
		0.8714E+01	-0.9472E-18		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4041E-02		
		0.9159E+00	-0.2370E-02		

		0.1211E+01	-0.1294E-02		
		0.1505E+01	-0.6367E-03		
		0.1800E+01	-0.2603E-03		
		0.3820E+01	-0.8423E-07		
		0.5840E+01	-0.2036E-12		
		0.7860E+01	-0.2890E-15		
		0.8145E+01	-0.2912E-15		
		0.8429E+01	-0.2925E-15		
		0.8714E+01	-0.2930E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1349E-02		
		0.1211E+01	-0.7373E-03		
		0.1505E+01	-0.3628E-03		
		0.1800E+01	-0.1483E-03		
		0.3820E+01	-0.4804E-07		
		0.5840E+01	-0.1162E-12		
		0.7860E+01	-0.7600E-16		
		0.8145E+01	-0.7750E-16		
		0.8429E+01	-0.7837E-16		
		0.8714E+01	-0.7866E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6086E-03		
		0.1211E+01	-0.3329E-03		
		0.1505E+01	-0.1639E-03		
		0.1800E+01	-0.6706E-04		
		0.3820E+01	-0.2176E-07		
		0.5840E+01	-0.5263E-13		
		0.7860E+01	0.3522E-16		
		0.8145E+01	0.3481E-16		
		0.8429E+01	0.3457E-16		
		0.8714E+01	0.3450E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9335E-04		
		0.9159E+00	-0.5604E-04		
		0.1211E+01	-0.3113E-04		
		0.1505E+01	-0.1550E-04		
		0.1800E+01	-0.6403E-05		
		0.3820E+01	-0.2135E-08		
		0.5840E+01	-0.5204E-14		
		0.7860E+01	0.4411E-16		
		0.8145E+01	0.4425E-16		
		0.8429E+01	0.4433E-16		
		0.8714E+01	0.4436E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6633E-02		
		0.6111E+00	-0.4441E-02		
		0.9159E+00	-0.2774E-02		
		0.1211E+01	-0.1635E-02		
		0.1505E+01	-0.8806E-03		
		0.1800E+01	-0.4051E-03		
		0.3820E+01	-0.4515E-06		
		0.5840E+01	-0.8970E-11		
		0.7860E+01	0.2272E-14		
		0.8145E+01	0.2290E-14		
		0.8429E+01	0.2301E-14		
		0.8714E+01	0.2305E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2528E-02		
		0.9159E+00	-0.1580E-02		
		0.1211E+01	-0.9318E-03		
		0.1505E+01	-0.5020E-03		
		0.1800E+01	-0.2310E-03		
		0.3820E+01	-0.2577E-06		
		0.5840E+01	-0.5121E-11		
		0.7860E+01	0.1929E-15		
		0.8145E+01	0.2037E-15		
		0.8429E+01	0.2101E-15		
		0.8714E+01	0.2122E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7135E-03		
		0.1211E+01	-0.4212E-03		
		0.1505E+01	-0.2271E-03		
		0.1800E+01	-0.1046E-03		
		0.3820E+01	-0.1169E-06		
		0.5840E+01	-0.2325E-11		
		0.7860E+01	-0.7428E-15		
		0.8145E+01	-0.7414E-15		
		0.8429E+01	-0.7407E-15		
		0.8714E+01	-0.7405E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.1999E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1038E-03		
		0.9159E+00	-0.6665E-04		
		0.1211E+01	-0.4007E-04		
		0.1505E+01	-0.2190E-04		
		0.1800E+01	-0.1020E-04		
		0.3820E+01	-0.1181E-07		
		0.5840E+01	-0.2372E-12		
		0.7860E+01	-0.6413E-15		
		0.8145E+01	-0.6442E-15		
		0.8429E+01	-0.6460E-15		
		0.8714E+01	-0.6466E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6867E-02		
		0.6111E+00	-0.4760E-02		
		0.9159E+00	-0.3112E-02		
		0.1211E+01	-0.1937E-02		
		0.1505E+01	-0.1113E-02		
		0.1800E+01	-0.5581E-03		
		0.3820E+01	-0.1509E-05		
		0.5840E+01	-0.1327E-09		
		0.7860E+01	-0.2122E-14		
		0.8145E+01	-0.2183E-14		
		0.8429E+01	-0.2221E-14		
		0.8714E+01	-0.2234E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3906E-02		
		0.6111E+00	-0.2710E-02		
		0.9159E+00	-0.1773E-02		
		0.1211E+01	-0.1104E-02		
		0.1505E+01	-0.6350E-03		
		0.1800E+01	-0.3184E-03		
		0.3820E+01	-0.8618E-06		
		0.5840E+01	-0.7586E-10		
		0.7860E+01	0.6001E-14		
		0.8145E+01	0.5993E-14		
		0.8429E+01	0.5987E-14		
		0.8714E+01	0.5986E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1758E-02		
		0.6111E+00	-0.1222E-02		
		0.9159E+00	-0.8013E-03		
		0.1211E+01	-0.4996E-03		
		0.1505E+01	-0.2876E-03		
		0.1800E+01	-0.1443E-03		
		0.3820E+01	-0.3917E-06		
		0.5840E+01	-0.3451E-10		
		0.7860E+01	0.6317E-14		
		0.8145E+01	0.6342E-14		
		0.8429E+01	0.6358E-14		
		0.8714E+01	0.6364E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1559E-03		
		0.6111E+00	-0.1125E-03		
		0.9159E+00	-0.7584E-04		
		0.1211E+01	-0.4828E-04		
		0.1505E+01	-0.2824E-04		
		0.1800E+01	-0.1437E-04		
		0.3820E+01	-0.4066E-07		
		0.5840E+01	-0.3627E-11		
		0.7860E+01	0.2777E-14		
		0.8145E+01	0.2803E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.2819E-14		
		0.8714E+01	0.2825E-14		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6752E+02	0.0000E+00
		0.1500E-02	-0.9484E-02		
		0.3063E+00	-0.7054E-02		
		0.6111E+00	-0.5019E-02		
		0.9159E+00	-0.3397E-02		
		0.1211E+01	-0.2202E-02		
		0.1505E+01	-0.1330E-02		
		0.1800E+01	-0.7115E-03		
		0.3820E+01	-0.3745E-05		
		0.5840E+01	-0.1008E-08		
		0.7860E+01	-0.3664E-13		
		0.8145E+01	-0.3645E-13		
		0.8429E+01	-0.3635E-13		
		0.8714E+01	-0.3633E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6752E+02	0.0000E+00
		0.1500E-02	-0.5389E-02		
		0.3063E+00	-0.4013E-02		
		0.6111E+00	-0.2858E-02		
		0.9159E+00	-0.1936E-02		
		0.1211E+01	-0.1256E-02		
		0.1505E+01	-0.7586E-03		
		0.1800E+01	-0.4062E-03		
		0.3820E+01	-0.2141E-05		
		0.5840E+01	-0.5764E-09		
		0.7860E+01	-0.3067E-13		
		0.8145E+01	-0.3070E-13		
		0.8429E+01	-0.3073E-13		
		0.8714E+01	-0.3074E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6752E+02	0.0000E+00
		0.1500E-02	-0.2419E-02		
		0.3063E+00	-0.1807E-02		
		0.6111E+00	-0.1290E-02		
		0.9159E+00	-0.8754E-03		
		0.1211E+01	-0.5688E-03		
		0.1505E+01	-0.3439E-03		
		0.1800E+01	-0.1843E-03		
		0.3820E+01	-0.9748E-06		
		0.5840E+01	-0.2627E-09		
		0.7860E+01	-0.9491E-14		
		0.8145E+01	-0.9577E-14		
		0.8429E+01	-0.9634E-14		
		0.8714E+01	-0.9654E-14		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6752E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1198E-03		
		0.9159E+00	-0.8385E-04		
		0.1211E+01	-0.5575E-04		
		0.1505E+01	-0.3433E-04		
		0.1800E+01	-0.1869E-04		

		0.3820E+01	-0.1038E-06		
		0.5840E+01	-0.2841E-10		
		0.7860E+01	0.7320E-14		
		0.8145E+01	0.7273E-14		
		0.8429E+01	0.7246E-14		
		0.8714E+01	0.7238E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7251E+02	0.0000E+00
		0.1500E-02	-0.9545E-02		
		0.3063E+00	-0.7205E-02		
		0.6111E+00	-0.5234E-02		
		0.9159E+00	-0.3638E-02		
		0.1211E+01	-0.2435E-02		
		0.1505E+01	-0.1528E-02		
		0.1800E+01	-0.8608E-03		
		0.3820E+01	-0.7613E-05		
		0.5840E+01	-0.4893E-08		
		0.7860E+01	0.7016E-13		
		0.8145E+01	0.7420E-13		
		0.8429E+01	0.7628E-13		
		0.8714E+01	0.7693E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7251E+02	0.0000E+00
		0.1500E-02	-0.5424E-02		
		0.3063E+00	-0.4099E-02		
		0.6111E+00	-0.2981E-02		
		0.9159E+00	-0.2074E-02		
		0.1211E+01	-0.1389E-02		
		0.1505E+01	-0.8719E-03		
		0.1800E+01	-0.4916E-03		
		0.3820E+01	-0.4355E-05		
		0.5840E+01	-0.2801E-08		
		0.7860E+01	-0.2087E-13		
		0.8145E+01	-0.1859E-13		
		0.8429E+01	-0.1741E-13		
		0.8714E+01	-0.1704E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7251E+02	0.0000E+00
		0.1500E-02	-0.2435E-02		
		0.3063E+00	-0.1846E-02		
		0.6111E+00	-0.1346E-02		
		0.9159E+00	-0.9384E-03		
		0.1211E+01	-0.6295E-03		
		0.1505E+01	-0.3957E-03		
		0.1800E+01	-0.2234E-03		
		0.3820E+01	-0.1986E-05		
		0.5840E+01	-0.1279E-08		
		0.7860E+01	-0.6103E-13		
		0.8145E+01	-0.6014E-13		
		0.8429E+01	-0.5967E-13		
		0.8714E+01	-0.5953E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7251E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1656E-03		
		0.6111E+00	-0.1261E-03		

		0.9159E+00	-0.9087E-04		
		0.1211E+01	-0.6252E-04		
		0.1505E+01	-0.4010E-04		
		0.1800E+01	-0.2304E-04		
		0.3820E+01	-0.2167E-06		
		0.5840E+01	-0.1421E-09		
		0.7860E+01	-0.5249E-13		
		0.8145E+01	-0.5257E-13		
		0.8429E+01	-0.5261E-13		
		0.8714E+01	-0.5262E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7726E+02	0.0000E+00
		0.1500E-02	-0.9595E-02		
		0.3063E+00	-0.7330E-02		
		0.6111E+00	-0.5413E-02		
		0.9159E+00	-0.3844E-02		
		0.1211E+01	-0.2639E-02		
		0.1505E+01	-0.1708E-02		
		0.1800E+01	-0.1003E-02		
		0.3820E+01	-0.1345E-04		
		0.5840E+01	-0.1735E-07		
		0.7860E+01	0.5135E-12		
		0.8145E+01	0.5451E-12		
		0.8429E+01	0.5612E-12		
		0.8714E+01	0.5661E-12		
.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7726E+02	0.0000E+00
		0.1500E-02	-0.5453E-02		
		0.3063E+00	-0.4171E-02		
		0.6111E+00	-0.3084E-02		
		0.9159E+00	-0.2192E-02		
		0.1211E+01	-0.1506E-02		
		0.1505E+01	-0.9751E-03		
		0.1800E+01	-0.5732E-03		
		0.3820E+01	-0.7698E-05		
		0.5840E+01	-0.9939E-08		
		0.7860E+01	0.2213E-12		
		0.8145E+01	0.2391E-12		
		0.8429E+01	0.2482E-12		
		0.8714E+01	0.2510E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7726E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1879E-02		
		0.6111E+00	-0.1393E-02		
		0.9159E+00	-0.9924E-03		
		0.1211E+01	-0.6830E-03		
		0.1505E+01	-0.4429E-03		
		0.1800E+01	-0.2607E-03		
		0.3820E+01	-0.3517E-05		
		0.5840E+01	-0.4548E-08		
		0.7860E+01	0.6534E-13		
		0.8145E+01	0.7392E-13		
		0.8429E+01	0.7852E-13		
		0.8714E+01	0.7997E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7726E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1693E-03		
		0.6111E+00	-0.1315E-03		
		0.9159E+00	-0.9707E-04		
		0.1211E+01	-0.6866E-04		
		0.1505E+01	-0.4551E-04		
		0.1800E+01	-0.2733E-04		
		0.3820E+01	-0.3925E-06		
		0.5840E+01	-0.5181E-09		
		0.7860E+01	-0.4322E-13		
		0.8145E+01	-0.4160E-13		
		0.8429E+01	-0.4047E-13		
		0.8714E+01	-0.4007E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8180E+02	0.0000E+00
		0.1500E-02	-0.9637E-02		
		0.3063E+00	-0.7434E-02		
		0.6111E+00	-0.5565E-02		
		0.9159E+00	-0.4021E-02		
		0.1211E+01	-0.2818E-02		
		0.1505E+01	-0.1871E-02		
		0.1800E+01	-0.1138E-02		
		0.3820E+01	-0.2142E-04		
		0.5840E+01	-0.4891E-07		
		0.7860E+01	0.3954E-11		
		0.8145E+01	0.4151E-11		
		0.8429E+01	0.4252E-11		
		0.8714E+01	0.4284E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8180E+02	0.0000E+00
		0.1500E-02	-0.5477E-02		
		0.3063E+00	-0.4231E-02		
		0.6111E+00	-0.3171E-02		
		0.9159E+00	-0.2293E-02		
		0.1211E+01	-0.1609E-02		
		0.1505E+01	-0.1069E-02		
		0.1800E+01	-0.6503E-03		
		0.3820E+01	-0.1227E-04		
		0.5840E+01	-0.2804E-07		
		0.7860E+01	0.1119E-11		
		0.8145E+01	0.1222E-11		
		0.8429E+01	0.1274E-11		
		0.8714E+01	0.1291E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8180E+02	0.0000E+00
		0.1500E-02	-0.2459E-02		
		0.3063E+00	-0.1907E-02		
		0.6111E+00	-0.1433E-02		
		0.9159E+00	-0.1039E-02		
		0.1211E+01	-0.7303E-03		
		0.1505E+01	-0.4859E-03		
		0.1800E+01	-0.2961E-03		
		0.3820E+01	-0.5617E-05		
		0.5840E+01	-0.1285E-07		
		0.7860E+01	0.4682E-12		

		0.8145E+01	0.5148E-12		
		0.8429E+01	0.5396E-12		
		0.8714E+01	0.5475E-12		
)5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8180E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1726E-03		
		0.6111E+00	-0.1362E-03		
		0.9159E+00	-0.1026E-03		
		0.1211E+01	-0.7423E-04		
		0.1505E+01	-0.5059E-04		
		0.1800E+01	-0.3150E-04		
		0.3820E+01	-0.6405E-06		
		0.5840E+01	-0.1501E-08		
		0.7860E+01	0.2615E-12		
		0.8145E+01	0.2699E-12		
		0.8429E+01	0.2758E-12		
		0.8714E+01	0.2779E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8617E+02	0.0000E+00
		0.1500E-02	-0.9672E-02		
		0.3063E+00	-0.7523E-02		
		0.6111E+00	-0.5695E-02		
		0.9159E+00	-0.4174E-02		
		0.1211E+01	-0.2977E-02		
		0.1505E+01	-0.2019E-02		
		0.1800E+01	-0.1263E-02		
		0.3820E+01	-0.3159E-04		
		0.5840E+01	-0.1160E-06		
		0.7860E+01	0.3159E-10		
		0.8145E+01	0.3254E-10		
		0.8429E+01	0.3305E-10		
		0.8714E+01	0.3321E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8617E+02	0.0000E+00
		0.1500E-02	-0.5497E-02		
		0.3063E+00	-0.4282E-02		
		0.6111E+00	-0.3246E-02		
		0.9159E+00	-0.2382E-02		
		0.1211E+01	-0.1700E-02		
		0.1505E+01	-0.1154E-02		
		0.1800E+01	-0.7225E-03		
		0.3820E+01	-0.1811E-04		
		0.5840E+01	-0.6658E-07		
		0.7860E+01	0.8725E-11		
		0.8145E+01	0.9201E-11		
		0.8429E+01	0.9450E-11		
		0.8714E+01	0.9528E-11		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8617E+02	0.0000E+00
		0.1500E-02	-0.2469E-02		
		0.3063E+00	-0.1930E-02		
		0.6111E+00	-0.1467E-02		
		0.9159E+00	-0.1080E-02		
		0.1211E+01	-0.7721E-03		
		0.1505E+01	-0.5249E-03		

		0.1800E+01	-0.3293E-03		
		0.3820E+01	-0.8300E-05		
		0.5840E+01	-0.3058E-07		
		0.7860E+01	0.2440E-11		
		0.8145E+01	0.2648E-11		
		0.8429E+01	0.2760E-11		
		0.8714E+01	0.2795E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8617E+02	0.0000E+00
		0.1500E-02	-0.2104E-03		
		0.3063E+00	-0.1754E-03		
		0.6111E+00	-0.1403E-03		
		0.9159E+00	-0.1075E-03		
		0.1211E+01	-0.7931E-04		
		0.1505E+01	-0.5532E-04		
		0.1800E+01	-0.3553E-04		
		0.3820E+01	-0.9662E-06		
		0.5840E+01	-0.3653E-08		
		0.7860E+01	0.1020E-11		
		0.8145E+01	0.1055E-11		
		0.8429E+01	0.1080E-11		
		0.8714E+01	0.1089E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9038E+02	0.0000E+00
		0.1500E-02	-0.9702E-02		
		0.3063E+00	-0.7598E-02		
		0.6111E+00	-0.5807E-02		
		0.9159E+00	-0.4308E-02		
		0.1211E+01	-0.3117E-02		
		0.1505E+01	-0.2153E-02		
		0.1800E+01	-0.1381E-02		
		0.3820E+01	-0.4387E-04		
		0.5840E+01	-0.2409E-06		
		0.7860E+01	0.1859E-09		
		0.8145E+01	0.1896E-09		
		0.8429E+01	0.1916E-09		
		0.8714E+01	0.1923E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9038E+02	0.0000E+00
		0.1500E-02	-0.5514E-02		
		0.3063E+00	-0.4325E-02		
		0.6111E+00	-0.3310E-02		
		0.9159E+00	-0.2459E-02		
		0.1211E+01	-0.1781E-02		
		0.1505E+01	-0.1231E-02		
		0.1800E+01	-0.7899E-03		
		0.3820E+01	-0.2517E-04		
		0.5840E+01	-0.1384E-06		
		0.7860E+01	0.5891E-10		
		0.8145E+01	0.6073E-10		
		0.8429E+01	0.6171E-10		
		0.8714E+01	0.6202E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9038E+02	0.0000E+00
		0.1500E-02	-0.2477E-02		
		0.3063E+00	-0.1950E-02		

		0.6111E+00	-0.1497E-02		
		0.9159E+00	-0.1115E-02		
		0.1211E+01	-0.8094E-03		
		0.1505E+01	-0.5604E-03		
		0.1800E+01	-0.3604E-03		
		0.3820E+01	-0.1155E-04		
		0.5840E+01	-0.6366E-07		
		0.7860E+01	0.1762E-10		
		0.8145E+01	0.1841E-10		
		0.8429E+01	0.1884E-10		
		0.8714E+01	0.1898E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9038E+02	0.0000E+00
		0.1500E-02	-0.2114E-03		
		0.3063E+00	-0.1779E-03		
		0.6111E+00	-0.1440E-03		
		0.9159E+00	-0.1119E-03		
		0.1211E+01	-0.8394E-04		
		0.1505E+01	-0.5973E-04		
		0.1800E+01	-0.3940E-04		
		0.3820E+01	-0.1371E-05		
		0.5840E+01	-0.7778E-08		
		0.7860E+01	0.5507E-11		
		0.8145E+01	0.5652E-11		
		0.8429E+01	0.5752E-11		
		0.8714E+01	0.5787E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9445E+02	0.0000E+00
		0.1500E-02	-0.9728E-02		
		0.3063E+00	-0.7664E-02		
		0.6111E+00	-0.5904E-02		
		0.9159E+00	-0.4426E-02		
		0.1211E+01	-0.3243E-02		
		0.1505E+01	-0.2274E-02		
		0.1800E+01	-0.1490E-02		
		0.3820E+01	-0.5810E-04		
		0.5840E+01	-0.4505E-06		
		0.7860E+01	0.8417E-09		
		0.8145E+01	0.8541E-09		
		0.8429E+01	0.8610E-09		
		0.8714E+01	0.8633E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9445E+02	0.0000E+00
		0.1500E-02	-0.5529E-02		
		0.3063E+00	-0.4363E-02		
		0.6111E+00	-0.3366E-02		
		0.9159E+00	-0.2526E-02		
		0.1211E+01	-0.1853E-02		
		0.1505E+01	-0.1301E-02		
		0.1800E+01	-0.8526E-03		
		0.3820E+01	-0.3336E-04		
		0.5840E+01	-0.2589E-06		
		0.7860E+01	0.2982E-09		
		0.8145E+01	0.3042E-09		
		0.8429E+01	0.3075E-09		
		0.8714E+01	0.3085E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9445E+02	0.0000E+00
		0.1500E-02	-0.2484E-02		
		0.3063E+00	-0.1967E-02		
		0.6111E+00	-0.1523E-02		
		0.9159E+00	-0.1146E-02		
		0.1211E+01	-0.8426E-03		
		0.1505E+01	-0.5927E-03		
		0.1800E+01	-0.3893E-03		
		0.3820E+01	-0.1533E-04		
		0.5840E+01	-0.1193E-06		
		0.7860E+01	0.1011E-09		
		0.8145E+01	0.1036E-09		
		0.8429E+01	0.1051E-09		
		0.8714E+01	0.1055E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9445E+02	0.0000E+00
		0.1500E-02	-0.2122E-03		
		0.3063E+00	-0.1801E-03		
		0.6111E+00	-0.1473E-03		
		0.9159E+00	-0.1159E-03		
		0.1211E+01	-0.8819E-04		
		0.1505E+01	-0.6385E-04		
		0.1800E+01	-0.4309E-04		
		0.3820E+01	-0.1854E-05		
		0.5840E+01	-0.1489E-07		
		0.7860E+01	0.3355E-10		
		0.8145E+01	0.3411E-10		
		0.8429E+01	0.3448E-10		
		0.8714E+01	0.3461E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9841E+02	0.0000E+00
		0.1500E-02	-0.9750E-02		
		0.3063E+00	-0.7720E-02		
		0.6111E+00	-0.5988E-02		
		0.9159E+00	-0.4529E-02		
		0.1211E+01	-0.3354E-02		
		0.1505E+01	-0.2385E-02		
		0.1800E+01	-0.1591E-02		
		0.3820E+01	-0.7409E-04		
		0.5840E+01	-0.7744E-06		
		0.7860E+01	0.3114E-08		
		0.8145E+01	0.3151E-08		
		0.8429E+01	0.3171E-08		
		0.8714E+01	0.3178E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9841E+02	0.0000E+00
		0.1500E-02	-0.5542E-02		
		0.3063E+00	-0.4395E-02		
		0.6111E+00	-0.3414E-02		
		0.9159E+00	-0.2586E-02		
		0.1211E+01	-0.1917E-02		
		0.1505E+01	-0.1364E-02		
		0.1800E+01	-0.9108E-03		
		0.3820E+01	-0.4256E-04		
		0.5840E+01	-0.4455E-06		

		0.7860E+01	0.1203E-08		
		0.8145E+01	0.1220E-08		
		0.8429E+01	0.1230E-08		
		0.8714E+01	0.1233E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9841E+02	0.0000E+00
		0.1500E-02	-0.2489E-02		
		0.3063E+00	-0.1983E-02		
		0.6111E+00	-0.1545E-02		
		0.9159E+00	-0.1174E-02		
		0.1211E+01	-0.8724E-03		
		0.1505E+01	-0.6221E-03		
		0.1800E+01	-0.4162E-03		
		0.3820E+01	-0.1959E-04		
		0.5840E+01	-0.2056E-06		
		0.7860E+01	0.4488E-09		
		0.8145E+01	0.4564E-09		
		0.8429E+01	0.4607E-09		
		0.8714E+01	0.4621E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9841E+02	0.0000E+00
		0.1500E-02	-0.2130E-03		
		0.3063E+00	-0.1821E-03		
		0.6111E+00	-0.1503E-03		
		0.9159E+00	-0.1195E-03		
		0.1211E+01	-0.9209E-04		
		0.1505E+01	-0.6770E-04		
		0.1800E+01	-0.4662E-04		
		0.3820E+01	-0.2412E-05		
		0.5840E+01	-0.2620E-07		
		0.7860E+01	0.1635E-09		
		0.8145E+01	0.1654E-09		
		0.8429E+01	0.1667E-09		
		0.8714E+01	0.1671E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1023E+03	0.0000E+00
		0.1500E-02	-0.9770E-02		
		0.3063E+00	-0.7770E-02		
		0.6111E+00	-0.6063E-02		
		0.9159E+00	-0.4621E-02		
		0.1211E+01	-0.3455E-02		
		0.1505E+01	-0.2485E-02		
		0.1800E+01	-0.1684E-02		
		0.3820E+01	-0.9158E-04		
		0.5840E+01	-0.1243E-05		
		0.7860E+01	0.9811E-08		
		0.8145E+01	0.9906E-08		
		0.8429E+01	0.9960E-08		
		0.8714E+01	0.9979E-08		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1023E+03	0.0000E+00
		0.1500E-02	-0.5553E-02		
		0.3063E+00	-0.4424E-02		
		0.6111E+00	-0.3457E-02		
		0.9159E+00	-0.2639E-02		
		0.1211E+01	-0.1975E-02		

		0.1505E+01	-0.1422E-02		
		0.1800E+01	-0.9649E-03		
		0.3820E+01	-0.5265E-04		
		0.5840E+01	-0.7156E-06		
		0.7860E+01	0.4067E-08		
		0.8145E+01	0.4113E-08		
		0.8429E+01	0.4140E-08		
		0.8714E+01	0.4148E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1023E+03	0.0000E+00
		0.1500E-02	-0.2495E-02		
		0.3063E+00	-0.1996E-02		
		0.6111E+00	-0.1565E-02		
		0.9159E+00	-0.1198E-02		
		0.1211E+01	-0.8992E-03		
		0.1505E+01	-0.6489E-03		
		0.1800E+01	-0.4413E-03		
		0.3820E+01	-0.2427E-04		
		0.5840E+01	-0.3309E-06		
		0.7860E+01	0.1637E-08		
		0.8145E+01	0.1658E-08		
		0.8429E+01	0.1669E-08		
		0.8714E+01	0.1673E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1023E+03	0.0000E+00
		0.1500E-02	-0.2137E-03		
		0.3063E+00	-0.1839E-03		
		0.6111E+00	-0.1529E-03		
		0.9159E+00	-0.1228E-03		
		0.1211E+01	-0.9567E-04		
		0.1505E+01	-0.7130E-04		
		0.1800E+01	-0.4997E-04		
		0.3820E+01	-0.3038E-05		
		0.5840E+01	-0.4299E-07		
		0.7860E+01	0.6442E-09		
		0.8145E+01	0.6501E-09		
		0.8429E+01	0.6538E-09		
		0.8714E+01	0.6552E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1060E+03	0.0000E+00
		0.1500E-02	-0.9787E-02		
		0.3063E+00	-0.7813E-02		
		0.6111E+00	-0.6129E-02		
		0.9159E+00	-0.4703E-02		
		0.1211E+01	-0.3545E-02		
		0.1505E+01	-0.2576E-02		
		0.1800E+01	-0.1771E-02		
		0.3820E+01	-0.1104E-03		
		0.5840E+01	-0.1886E-05		
		0.7860E+01	0.2709E-07		
		0.8145E+01	0.2732E-07		
		0.8429E+01	0.2745E-07		
		0.8714E+01	0.2749E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1060E+03	0.0000E+00
		0.1500E-02	-0.5563E-02		

		0.3063E+00	-0.4449E-02		
		0.6111E+00	-0.3495E-02		
		0.9159E+00	-0.2686E-02		
		0.1211E+01	-0.2027E-02		
		0.1505E+01	-0.1475E-02		
		0.1800E+01	-0.1015E-02		
		0.3820E+01	-0.6348E-04		
		0.5840E+01	-0.1086E-05		
		0.7860E+01	0.1194E-07		
		0.8145E+01	0.1205E-07		
		0.8429E+01	0.1211E-07		
		0.8714E+01	0.1213E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1060E+03	0.0000E+00
		0.1500E-02	-0.2499E-02		
		0.3063E+00	-0.2007E-02		
		0.6111E+00	-0.1583E-02		
		0.9159E+00	-0.1220E-02		
		0.1211E+01	-0.9234E-03		
		0.1505E+01	-0.6735E-03		
		0.1800E+01	-0.4646E-03		
		0.3820E+01	-0.2930E-04		
		0.5840E+01	-0.5032E-06		
		0.7860E+01	0.5120E-08		
		0.8145E+01	0.5171E-08		
		0.8429E+01	0.5200E-08		
		0.8714E+01	0.5210E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1060E+03	0.0000E+00
		0.1500E-02	-0.2143E-03		
		0.3063E+00	-0.1855E-03		
		0.6111E+00	-0.1553E-03		
		0.9159E+00	-0.1258E-03		
		0.1211E+01	-0.9899E-04		
		0.1505E+01	-0.7466E-04		
		0.1800E+01	-0.5316E-04		
		0.3820E+01	-0.3728E-05		
		0.5840E+01	-0.6661E-07		
		0.7860E+01	0.2147E-08		
		0.8145E+01	0.2164E-08		
		0.8429E+01	0.2174E-08		
		0.8714E+01	0.2178E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1097E+03	0.0000E+00
		0.1500E-02	-0.9802E-02		
		0.3063E+00	-0.7852E-02		
		0.6111E+00	-0.6187E-02		
		0.9159E+00	-0.4776E-02		
		0.1211E+01	-0.3626E-02		
		0.1505E+01	-0.2660E-02		
		0.1800E+01	-0.1852E-02		
		0.3820E+01	-0.1302E-03		
		0.5840E+01	-0.2728E-05		
		0.7860E+01	0.6705E-07		
		0.8145E+01	0.6754E-07		
		0.8429E+01	0.6783E-07		

		0.8714E+01	0.6793E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1097E+03	0.0000E+00
		0.1500E-02	-0.5571E-02		
		0.3063E+00	-0.4471E-02		
		0.6111E+00	-0.3529E-02		
		0.9159E+00	-0.2728E-02		
		0.1211E+01	-0.2074E-02		
		0.1505E+01	-0.1523E-02		
		0.1800E+01	-0.1061E-02		
		0.3820E+01	-0.7491E-04		
		0.5840E+01	-0.1573E-05		
		0.7860E+01	0.3116E-07		
		0.8145E+01	0.3141E-07		
		0.8429E+01	0.3155E-07		
		0.8714E+01	0.3160E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1097E+03	0.0000E+00
		0.1500E-02	-0.2503E-02		
		0.3063E+00	-0.2018E-02		
		0.6111E+00	-0.1599E-02		
		0.9159E+00	-0.1240E-02		
		0.1211E+01	-0.9453E-03		
		0.1505E+01	-0.6959E-03		
		0.1800E+01	-0.4862E-03		
		0.3820E+01	-0.3463E-04		
		0.5840E+01	-0.7298E-06		
		0.7860E+01	0.1412E-07		
		0.8145E+01	0.1424E-07		
		0.8429E+01	0.1431E-07		
		0.8714E+01	0.1433E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1097E+03	0.0000E+00
		0.1500E-02	-0.2149E-03		
		0.3063E+00	-0.1869E-03		
		0.6111E+00	-0.1576E-03		
		0.9159E+00	-0.1286E-03		
		0.1211E+01	-0.1021E-03		
		0.1505E+01	-0.7781E-04		
		0.1800E+01	-0.5619E-04		
		0.3820E+01	-0.4474E-05		
		0.5840E+01	-0.9838E-07		
		0.7860E+01	0.6259E-08		
		0.8145E+01	0.6302E-08		
		0.8429E+01	0.6329E-08		
		0.8714E+01	0.6339E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1132E+03	0.0000E+00
		0.1500E-02	-0.9815E-02		
		0.3063E+00	-0.7886E-02		
		0.6111E+00	-0.6240E-02		
		0.9159E+00	-0.4842E-02		
		0.1211E+01	-0.3700E-02		
		0.1505E+01	-0.2737E-02		
		0.1800E+01	-0.1926E-02		
		0.3820E+01	-0.1508E-03		

		0.5840E+01	-0.3793E-05		
		0.7860E+01	0.1513E-06		
		0.8145E+01	0.1523E-06		
		0.8429E+01	0.1529E-06		
		0.8714E+01	0.1531E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1132E+03	0.0000E+00
		0.1500E-02	-0.5579E-02		
		0.3063E+00	-0.4491E-02		
		0.6111E+00	-0.3559E-02		
		0.9159E+00	-0.2766E-02		
		0.1211E+01	-0.2117E-02		
		0.1505E+01	-0.1567E-02		
		0.1800E+01	-0.1105E-02		
		0.3820E+01	-0.8682E-04		
		0.5840E+01	-0.2189E-05		
		0.7860E+01	0.7369E-07		
		0.8145E+01	0.7421E-07		
		0.8429E+01	0.7451E-07		
		0.8714E+01	0.7462E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1132E+03	0.0000E+00
		0.1500E-02	-0.2507E-02		
		0.3063E+00	-0.2027E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1258E-02		
		0.1211E+01	-0.9652E-03		
		0.1505E+01	-0.7166E-03		
		0.1800E+01	-0.5063E-03		
		0.3820E+01	-0.4018E-04		
		0.5840E+01	-0.1017E-05		
		0.7860E+01	0.3507E-07		
		0.8145E+01	0.3532E-07		
		0.8429E+01	0.3547E-07		
		0.8714E+01	0.3552E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1132E+03	0.0000E+00
		0.1500E-02	-0.2154E-03		
		0.3063E+00	-0.1882E-03		
		0.6111E+00	-0.1596E-03		
		0.9159E+00	-0.1311E-03		
		0.1211E+01	-0.1049E-03		
		0.1505E+01	-0.8076E-04		
		0.1800E+01	-0.5907E-04		
		0.3820E+01	-0.5270E-05		
		0.5840E+01	-0.1395E-06		
		0.7860E+01	0.1633E-07		
		0.8145E+01	0.1643E-07		
		0.8429E+01	0.1649E-07		
		0.8714E+01	0.1651E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1167E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7917E-02		
		0.6111E+00	-0.6286E-02		
		0.9159E+00	-0.4902E-02		

		0.1211E+01	-0.3767E-02		
		0.1505E+01	-0.2807E-02		
		0.1800E+01	-0.1995E-02		
		0.3820E+01	-0.1720E-03		
		0.5840E+01	-0.5098E-05		
		0.7860E+01	0.3154E-06		
		0.8145E+01	0.3173E-06		
		0.8429E+01	0.3184E-06		
		0.8714E+01	0.3188E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1167E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4509E-02		
		0.6111E+00	-0.3587E-02		
		0.9159E+00	-0.2801E-02		
		0.1211E+01	-0.2155E-02		
		0.1505E+01	-0.1608E-02		
		0.1800E+01	-0.1145E-02		
		0.3820E+01	-0.9909E-04		
		0.5840E+01	-0.2944E-05		
		0.7860E+01	0.1603E-06		
		0.8145E+01	0.1613E-06		
		0.8429E+01	0.1619E-06		
		0.8714E+01	0.1621E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1167E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2035E-02		
		0.6111E+00	-0.1626E-02		
		0.9159E+00	-0.1274E-02		
		0.1211E+01	-0.9833E-03		
		0.1505E+01	-0.7356E-03		
		0.1800E+01	-0.5250E-03		
		0.3820E+01	-0.4592E-04		
		0.5840E+01	-0.1370E-05		
		0.7860E+01	0.7966E-07		
		0.8145E+01	0.8017E-07		
		0.8429E+01	0.8047E-07		
		0.8714E+01	0.8058E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1167E+03	0.0000E+00
		0.1500E-02	-0.2159E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1614E-03		
		0.9159E+00	-0.1334E-03		
		0.1211E+01	-0.1076E-03		
		0.1505E+01	-0.8354E-04		
		0.1800E+01	-0.6181E-04		
		0.3820E+01	-0.6108E-05		
		0.5840E+01	-0.1911E-06		
		0.7860E+01	0.3877E-07		
		0.8145E+01	0.3899E-07		
		0.8429E+01	0.3913E-07		
		0.8714E+01	0.3918E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1202E+03	0.0000E+00

		0.1500E-02	-0.9838E-02		
		0.3063E+00	-0.7944E-02		
		0.6111E+00	-0.6329E-02		
		0.9159E+00	-0.4955E-02		
		0.1211E+01	-0.3828E-02		
		0.1505E+01	-0.2871E-02		
		0.1800E+01	-0.2060E-02		
		0.3820E+01	-0.1936E-03		
		0.5840E+01	-0.6654E-05		
		0.7860E+01	0.6146E-06		
		0.8145E+01	0.6181E-06		
		0.8429E+01	0.6201E-06		
		0.8714E+01	0.6208E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1202E+03	0.0000E+00
		0.1500E-02	-0.5592E-02		
		0.3063E+00	-0.4525E-02		
		0.6111E+00	-0.3611E-02		
		0.9159E+00	-0.2832E-02		
		0.1211E+01	-0.2191E-02		
		0.1505E+01	-0.1645E-02		
		0.1800E+01	-0.1182E-02		
		0.3820E+01	-0.1116E-03		
		0.5840E+01	-0.3845E-05		
		0.7860E+01	0.3244E-06		
		0.8145E+01	0.3263E-06		
		0.8429E+01	0.3274E-06		
		0.8714E+01	0.3278E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1202E+03	0.0000E+00
		0.1500E-02	-0.2513E-02		
		0.3063E+00	-0.2043E-02		
		0.6111E+00	-0.1637E-02		
		0.9159E+00	-0.1288E-02		
		0.1211E+01	-0.9998E-03		
		0.1505E+01	-0.7530E-03		
		0.1800E+01	-0.5424E-03		
		0.3820E+01	-0.5178E-04		
		0.5840E+01	-0.1793E-05		
		0.7860E+01	0.1677E-06		
		0.8145E+01	0.1686E-06		
		0.8429E+01	0.1692E-06		
		0.8714E+01	0.1694E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1202E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1906E-03		
		0.6111E+00	-0.1631E-03		
		0.9159E+00	-0.1356E-03		
		0.1211E+01	-0.1100E-03		
		0.1505E+01	-0.8614E-04		
		0.1800E+01	-0.6440E-04		
		0.3820E+01	-0.6982E-05		
		0.5840E+01	-0.2541E-06		
		0.7860E+01	0.8491E-07		
		0.8145E+01	0.8537E-07		
		0.8429E+01	0.8566E-07		
		0.8714E+01	0.8576E-07		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1235E+03	0.0000E+00
		0.1500E-02	-0.9847E-02		
		0.3063E+00	-0.7969E-02		
		0.6111E+00	-0.6367E-02		
		0.9159E+00	-0.5004E-02		
		0.1211E+01	-0.3884E-02		
		0.1505E+01	-0.2930E-02		
		0.1800E+01	-0.2119E-02		
		0.3820E+01	-0.2154E-03		
		0.5840E+01	-0.8469E-05		
		0.7860E+01	0.1130E-05		
		0.8145E+01	0.1135E-05		
		0.8429E+01	0.1139E-05		
		0.8714E+01	0.1140E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1235E+03	0.0000E+00
		0.1500E-02	-0.5598E-02		
		0.3063E+00	-0.4539E-02		
		0.6111E+00	-0.3633E-02		
		0.9159E+00	-0.2860E-02		
		0.1211E+01	-0.2223E-02		
		0.1505E+01	-0.1680E-02		
		0.1800E+01	-0.1216E-02		
		0.3820E+01	-0.1243E-03		
		0.5840E+01	-0.4898E-05		
		0.7860E+01	0.6169E-06		
		0.8145E+01	0.6202E-06		
		0.8429E+01	0.6222E-06		
		0.8714E+01	0.6229E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1235E+03	0.0000E+00
		0.1500E-02	-0.2516E-02		
		0.3063E+00	-0.2049E-02		
		0.6111E+00	-0.1647E-02		
		0.9159E+00	-0.1302E-02		
		0.1211E+01	-0.1015E-02		
		0.1505E+01	-0.7692E-03		
		0.1800E+01	-0.5587E-03		
		0.3820E+01	-0.5773E-04		
		0.5840E+01	-0.2287E-05		
		0.7860E+01	0.3303E-06		
		0.8145E+01	0.3321E-06		
		0.8429E+01	0.3332E-06		
		0.8714E+01	0.3336E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1235E+03	0.0000E+00
		0.1500E-02	-0.2167E-03		
		0.3063E+00	-0.1916E-03		
		0.6111E+00	-0.1647E-03		
		0.9159E+00	-0.1376E-03		
		0.1211E+01	-0.1123E-03		
		0.1505E+01	-0.8860E-04		
		0.1800E+01	-0.6687E-04		
		0.3820E+01	-0.7887E-05		
		0.5840E+01	-0.3292E-06		
		0.7860E+01	0.1735E-06		
		0.8145E+01	0.1744E-06		

		0.8429E+01	0.1749E-06		
		0.8714E+01	0.1751E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1268E+03	0.0000E+00
		0.1500E-02	-0.9856E-02		
		0.3063E+00	-0.7991E-02		
		0.6111E+00	-0.6401E-02		
		0.9159E+00	-0.5048E-02		
		0.1211E+01	-0.3935E-02		
		0.1505E+01	-0.2985E-02		
		0.1800E+01	-0.2175E-02		
		0.3820E+01	-0.2373E-03		
		0.5840E+01	-0.1054E-04		
		0.7860E+01	0.1972E-05		
		0.8145E+01	0.1982E-05		
		0.8429E+01	0.1988E-05		
		0.8714E+01	0.1990E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1268E+03	0.0000E+00
		0.1500E-02	-0.5603E-02		
		0.3063E+00	-0.4552E-02		
		0.6111E+00	-0.3653E-02		
		0.9159E+00	-0.2886E-02		
		0.1211E+01	-0.2253E-02		
		0.1505E+01	-0.1711E-02		
		0.1800E+01	-0.1248E-02		
		0.3820E+01	-0.1370E-03		
		0.5840E+01	-0.6103E-05		
		0.7860E+01	0.1111E-05		
		0.8145E+01	0.1117E-05		
		0.8429E+01	0.1120E-05		
		0.8714E+01	0.1121E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1268E+03	0.0000E+00
		0.1500E-02	-0.2518E-02		
		0.3063E+00	-0.2056E-02		
		0.6111E+00	-0.1657E-02		
		0.9159E+00	-0.1314E-02		
		0.1211E+01	-0.1029E-02		
		0.1505E+01	-0.7841E-03		
		0.1800E+01	-0.5738E-03		
		0.3820E+01	-0.6372E-04		
		0.5840E+01	-0.2853E-05		
		0.7860E+01	0.6145E-06		
		0.8145E+01	0.6176E-06		
		0.8429E+01	0.6195E-06		
		0.8714E+01	0.6202E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1268E+03	0.0000E+00
		0.1500E-02	-0.2171E-03		
		0.3063E+00	-0.1925E-03		
		0.6111E+00	-0.1662E-03		
		0.9159E+00	-0.1395E-03		
		0.1211E+01	-0.1145E-03		
		0.1505E+01	-0.9091E-04		
		0.1800E+01	-0.6922E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.8815E-05		
		0.5840E+01	-0.4168E-06		
		0.7860E+01	0.3336E-06		
		0.8145E+01	0.3352E-06		
		0.8429E+01	0.3362E-06		
		0.8714E+01	0.3365E-06		
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1301E+03	0.0000E+00
		0.1500E-02	-0.9864E-02		
		0.3063E+00	-0.8011E-02		
		0.6111E+00	-0.6432E-02		
		0.9159E+00	-0.5089E-02		
		0.1211E+01	-0.3981E-02		
		0.1505E+01	-0.3036E-02		
		0.1800E+01	-0.2226E-02		
		0.3820E+01	-0.2592E-03		
		0.5840E+01	-0.1288E-04		
		0.7860E+01	0.3294E-05		
		0.8145E+01	0.3309E-05		
		0.8429E+01	0.3318E-05		
		0.8714E+01	0.3321E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1301E+03	0.0000E+00
		0.1500E-02	-0.5607E-02		
		0.3063E+00	-0.4564E-02		
		0.6111E+00	-0.3671E-02		
		0.9159E+00	-0.2909E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1741E-02		
		0.1800E+01	-0.1278E-02		
		0.3820E+01	-0.1497E-03		
		0.5840E+01	-0.7458E-05		
		0.7860E+01	0.1909E-05		
		0.8145E+01	0.1918E-05		
		0.8429E+01	0.1924E-05		
		0.8714E+01	0.1925E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1301E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1665E-02		
		0.9159E+00	-0.1325E-02		
		0.1211E+01	-0.1042E-02		
		0.1505E+01	-0.7979E-03		
		0.1800E+01	-0.5879E-03		
		0.3820E+01	-0.6971E-04		
		0.5840E+01	-0.3492E-05		
		0.7860E+01	0.1087E-05		
		0.8145E+01	0.1092E-05		
		0.8429E+01	0.1095E-05		
		0.8714E+01	0.1097E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1301E+03	0.0000E+00
		0.1500E-02	-0.2174E-03		
		0.3063E+00	-0.1934E-03		
		0.6111E+00	-0.1675E-03		

		0.9159E+00	-0.1412E-03		
		0.1211E+01	-0.1165E-03		
		0.1505E+01	-0.9309E-04		
		0.1800E+01	-0.7145E-04		
		0.3820E+01	-0.9762E-05		
		0.5840E+01	-0.5171E-06		
		0.7860E+01	0.6082E-06		
		0.8145E+01	0.6110E-06		
		0.8429E+01	0.6127E-06		
		0.8714E+01	0.6133E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1333E+03	0.0000E+00
		0.1500E-02	-0.9871E-02		
		0.3063E+00	-0.8030E-02		
		0.6111E+00	-0.6461E-02		
		0.9159E+00	-0.5125E-02		
		0.1211E+01	-0.4024E-02		
		0.1505E+01	-0.3082E-02		
		0.1800E+01	-0.2274E-02		
		0.3820E+01	-0.2810E-03		
		0.5840E+01	-0.1546E-04		
		0.7860E+01	0.5286E-05		
		0.8145E+01	0.5310E-05		
		0.8429E+01	0.5324E-05		
		0.8714E+01	0.5329E-05		
.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1333E+03	0.0000E+00
		0.1500E-02	-0.5611E-02		
		0.3063E+00	-0.4574E-02		
		0.6111E+00	-0.3688E-02		
		0.9159E+00	-0.2931E-02		
		0.1211E+01	-0.2305E-02		
		0.1505E+01	-0.1768E-02		
		0.1800E+01	-0.1306E-02		
		0.3820E+01	-0.1624E-03		
		0.5840E+01	-0.8959E-05		
		0.7860E+01	0.3145E-05		
		0.8145E+01	0.3159E-05		
		0.8429E+01	0.3167E-05		
		0.8714E+01	0.3170E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1333E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2066E-02		
		0.6111E+00	-0.1673E-02		
		0.9159E+00	-0.1335E-02		
		0.1211E+01	-0.1053E-02		
		0.1505E+01	-0.8107E-03		
		0.1800E+01	-0.6011E-03		
		0.3820E+01	-0.7569E-04		
		0.5840E+01	-0.4200E-05		
		0.7860E+01	0.1839E-05		
		0.8145E+01	0.1848E-05		
		0.8429E+01	0.1853E-05		
		0.8714E+01	0.1855E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1333E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1942E-03		
		0.6111E+00	-0.1688E-03		
		0.9159E+00	-0.1429E-03		
		0.1211E+01	-0.1184E-03		
		0.1505E+01	-0.9515E-04		
		0.1800E+01	-0.7357E-04		
		0.3820E+01	-0.1072E-04		
		0.5840E+01	-0.6299E-06		
		0.7860E+01	0.1058E-05		
		0.8145E+01	0.1063E-05		
		0.8429E+01	0.1065E-05		
		0.8714E+01	0.1067E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1364E+03	0.0000E+00
		0.1500E-02	-0.9877E-02		
		0.3063E+00	-0.8046E-02		
		0.6111E+00	-0.6487E-02		
		0.9159E+00	-0.5159E-02		
		0.1211E+01	-0.4064E-02		
		0.1505E+01	-0.3125E-02		
		0.1800E+01	-0.2319E-02		
		0.3820E+01	-0.3025E-03		
		0.5840E+01	-0.1827E-04		
		0.7860E+01	0.8192E-05		
		0.8145E+01	0.8227E-05		
		0.8429E+01	0.8248E-05		
		0.8714E+01	0.8255E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1364E+03	0.0000E+00
		0.1500E-02	-0.5615E-02		
		0.3063E+00	-0.4584E-02		
		0.6111E+00	-0.3703E-02		
		0.9159E+00	-0.2950E-02		
		0.1211E+01	-0.2328E-02		
		0.1505E+01	-0.1793E-02		
		0.1800E+01	-0.1332E-02		
		0.3820E+01	-0.1749E-03		
		0.5840E+01	-0.1060E-04		
		0.7860E+01	0.4991E-05		
		0.8145E+01	0.5013E-05		
		0.8429E+01	0.5025E-05		
		0.8714E+01	0.5030E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1364E+03	0.0000E+00
		0.1500E-02	-0.2524E-02		
		0.3063E+00	-0.2071E-02		
		0.6111E+00	-0.1680E-02		
		0.9159E+00	-0.1344E-02		
		0.1211E+01	-0.1064E-02		
		0.1505E+01	-0.8226E-03		
		0.1800E+01	-0.6135E-03		
		0.3820E+01	-0.8161E-04		
		0.5840E+01	-0.4976E-05		
		0.7860E+01	0.2992E-05		

		0.8145E+01	0.3005E-05		
		0.8429E+01	0.3013E-05		
		0.8714E+01	0.3016E-05		
1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1364E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1950E-03		
		0.6111E+00	-0.1699E-03		
		0.9159E+00	-0.1444E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9709E-04		
		0.1800E+01	-0.7558E-04		
		0.3820E+01	-0.1169E-04		
		0.5840E+01	-0.7546E-06		
		0.7860E+01	0.1765E-05		
		0.8145E+01	0.1773E-05		
		0.8429E+01	0.1777E-05		
		0.8714E+01	0.1779E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1389E+03	0.0000E+00
		0.1500E-02	-0.9882E-02		
		0.3063E+00	-0.8059E-02		
		0.6111E+00	-0.6506E-02		
		0.9159E+00	-0.5184E-02		
		0.1211E+01	-0.4093E-02		
		0.1505E+01	-0.3158E-02		
		0.1800E+01	-0.2353E-02		
		0.3820E+01	-0.3195E-03		
		0.5840E+01	-0.2068E-04		
		0.7860E+01	0.1137E-04		
		0.8145E+01	0.1142E-04		
		0.8429E+01	0.1144E-04		
		0.8714E+01	0.1145E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1389E+03	0.0000E+00
		0.1500E-02	-0.5618E-02		
		0.3063E+00	-0.4591E-02		
		0.6111E+00	-0.3714E-02		
		0.9159E+00	-0.2965E-02		
		0.1211E+01	-0.2345E-02		
		0.1505E+01	-0.1812E-02		
		0.1800E+01	-0.1352E-02		
		0.3820E+01	-0.1848E-03		
		0.5840E+01	-0.1200E-04		
		0.7860E+01	0.7051E-05		
		0.8145E+01	0.7080E-05		
		0.8429E+01	0.7098E-05		
		0.8714E+01	0.7105E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1389E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2074E-02		
		0.6111E+00	-0.1686E-02		
		0.9159E+00	-0.1351E-02		
		0.1211E+01	-0.1073E-02		
		0.1505E+01	-0.8315E-03		

		0.1800E+01	-0.6227E-03		
		0.3820E+01	-0.8631E-04		
		0.5840E+01	-0.5640E-05		
		0.7860E+01	0.4306E-05		
		0.8145E+01	0.4324E-05		
		0.8429E+01	0.4335E-05		
		0.8714E+01	0.4339E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1389E+03	0.0000E+00
		0.1500E-02	-0.2182E-03		
		0.3063E+00	-0.1955E-03		
		0.6111E+00	-0.1708E-03		
		0.9159E+00	-0.1456E-03		
		0.1211E+01	-0.1215E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7713E-04		
		0.3820E+01	-0.1247E-04		
		0.5840E+01	-0.8620E-06		
		0.7860E+01	0.2589E-05		
		0.8145E+01	0.2599E-05		
		0.8429E+01	0.2606E-05		
		0.8714E+01	0.2608E-05		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*            ANALYSIS      COMPLETED             *
*                                                *
*          TIME     -       11:15:23             *
*          EXECUTION TIME    0: 2: 2             *
*                                                *
*                                                *
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CLR15

Berry Clay/Radnor Till
Porosity = 0.15
(Site Minimum)

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*                                                        *
*                    M I G R A T E v 9                   *
*                                                        *
*                      VERSION 9.0.7                     *
*                                                        *
*                   REVISION - 4/16/1996                 *
*                                                        *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996      *
*                                                        *
*                                                        *
*                                                        *
*                                                        *
*                 RUN DATE -   15-11- 8                  *
*                 TIME     -   11:17:42                  *
*                                                        *
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Clinton LF No. 3 (CWU) CLR15 (BC/RT 0.15)

SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.150	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.150	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.150	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5795E-06		
		0.1800E+01	-0.2512E-07		
		0.3820E+01	-0.4136E-18		
		0.5840E+01	-0.3027E-23		
		0.7860E+01	0.9011E-35		
		0.8145E+01	-0.4685E-34		
		0.8429E+01	-0.6178E-34		
		0.8714E+01	-0.6417E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1427E-07		
		0.3820E+01	-0.2226E-18		
		0.5840E+01	-0.1724E-23		
		0.7860E+01	-0.4526E-34		
		0.8145E+01	-0.7503E-34		
		0.8429E+01	-0.8227E-34		
		0.8714E+01	-0.8321E-34		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.6411E-08		
		0.3820E+01	-0.8668E-19		
		0.5840E+01	-0.7785E-24		
		0.7860E+01	-0.3925E-34		
		0.8145E+01	-0.5101E-34		
		0.8429E+01	-0.5329E-34		
		0.8714E+01	-0.5338E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.5463E-09		
		0.3820E+01	0.1348E-19		
		0.5840E+01	-0.7280E-25		
		0.7860E+01	-0.3127E-34		
		0.8145E+01	-0.3031E-34		
		0.8429E+01	-0.2928E-34		
		0.8714E+01	-0.2888E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4079E-04		
		0.1800E+01	-0.8598E-05		
		0.3820E+01	-0.4709E-13		
		0.5840E+01	0.1760E-17		
		0.7860E+01	0.2960E-25		
		0.8145E+01	0.2794E-24		
		0.8429E+01	0.4053E-24		
		0.8714E+01	0.4435E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2320E-04		
		0.1800E+01	-0.4890E-05		
		0.3820E+01	-0.2679E-13		
		0.5840E+01	0.1000E-17		
		0.7860E+01	-0.3201E-24		
		0.8145E+01	-0.1761E-24		
		0.8429E+01	-0.1022E-24		
		0.8714E+01	-0.7954E-25		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4709E-04		
		0.1505E+01	-0.1044E-04		
		0.1800E+01	-0.2200E-05		
		0.3820E+01	-0.1207E-13		
		0.5840E+01	0.4490E-18		
		0.7860E+01	-0.2277E-24		
		0.8145E+01	-0.1605E-24		
		0.8429E+01	-0.1246E-24		
		0.8714E+01	-0.1133E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4122E-05		
		0.1505E+01	-0.9173E-06		
		0.1800E+01	-0.1940E-06		
		0.3820E+01	-0.1083E-14		
		0.5840E+01	0.3804E-19		
		0.7860E+01	-0.5706E-25		
		0.8145E+01	-0.4667E-25		
		0.8429E+01	-0.3900E-25		
		0.8714E+01	-0.3627E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2848E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5292E-03		
		0.1505E+01	-0.1861E-03		
		0.1800E+01	-0.6645E-04		
		0.3820E+01	-0.1694E-09		
		0.5840E+01	0.1730E-15		
		0.7860E+01	-0.2019E-19		
		0.8145E+01	-0.1933E-19		
		0.8429E+01	-0.1892E-19		

		0.8714E+01	-0.1880E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7431E-03		
		0.1211E+01	-0.3011E-03		
		0.1505E+01	-0.1059E-03		
		0.1800E+01	-0.3782E-04		
		0.3820E+01	-0.9646E-10		
		0.5840E+01	0.9813E-16		
		0.7860E+01	0.8085E-20		
		0.8145E+01	0.8694E-20		
		0.8429E+01	0.9007E-20		
		0.8714E+01	0.9103E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1356E-03		
		0.1505E+01	-0.4772E-04		
		0.1800E+01	-0.1705E-04		
		0.3820E+01	-0.4351E-10		
		0.5840E+01	0.4389E-16		
		0.7860E+01	0.5811E-20		
		0.8145E+01	0.6117E-20		
		0.8429E+01	0.6282E-20		
		0.8714E+01	0.6335E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2975E-04		
		0.1211E+01	-0.1217E-04		
		0.1505E+01	-0.4313E-05		
		0.1800E+01	-0.1548E-05		
		0.3820E+01	-0.4005E-11		
		0.5840E+01	0.3458E-17		
		0.7860E+01	0.2294E-20		
		0.8145E+01	0.2347E-20		
		0.8429E+01	0.2386E-20		
		0.8714E+01	0.2399E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5925E-02		
		0.6111E+00	-0.3528E-02		
		0.9159E+00	-0.1885E-02		
		0.1211E+01	-0.9241E-03		
		0.1505E+01	-0.4134E-03		
		0.1800E+01	-0.1914E-03		
		0.3820E+01	-0.1045E-07		

		0.5840E+01	-0.3237E-14		
		0.7860E+01	0.1162E-16		
		0.8145E+01	0.1169E-16		
		0.8429E+01	0.1173E-16		
		0.8714E+01	0.1175E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1073E-02		
		0.1211E+01	-0.5261E-03		
		0.1505E+01	-0.2354E-03		
		0.1800E+01	-0.1090E-03		
		0.3820E+01	-0.5953E-08		
		0.5840E+01	-0.1847E-14		
		0.7860E+01	0.1596E-17		
		0.8145E+01	0.1631E-17		
		0.8429E+01	0.1650E-17		
		0.8714E+01	0.1657E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9035E-03		
		0.9159E+00	-0.4835E-03		
		0.1211E+01	-0.2373E-03		
		0.1505E+01	-0.1062E-03		
		0.1800E+01	-0.4922E-04		
		0.3820E+01	-0.2691E-08		
		0.5840E+01	-0.8373E-15		
		0.7860E+01	-0.1640E-17		
		0.8145E+01	-0.1633E-17		
		0.8429E+01	-0.1629E-17		
		0.8714E+01	-0.1628E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8039E-04		
		0.9159E+00	-0.4380E-04		
		0.1211E+01	-0.2177E-04		
		0.1505E+01	-0.9838E-05		
		0.1800E+01	-0.4588E-05		
		0.3820E+01	-0.2560E-09		
		0.5840E+01	-0.8363E-16		
		0.7860E+01	-0.1315E-17		
		0.8145E+01	-0.1317E-17		
		0.8429E+01	-0.1319E-17		
		0.8714E+01	-0.1320E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4043E-02		
		0.9159E+00	-0.2375E-02		

		0.1211E+01	-0.1310E-02		
		0.1505E+01	-0.6801E-03		
		0.1800E+01	-0.3671E-03		
		0.3820E+01	-0.1270E-06		
		0.5840E+01	-0.3286E-12		
		0.7860E+01	-0.3279E-15		
		0.8145E+01	-0.3294E-15		
		0.8429E+01	-0.3302E-15		
		0.8714E+01	-0.3305E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1352E-02		
		0.1211E+01	-0.7464E-03		
		0.1505E+01	-0.3875E-03		
		0.1800E+01	-0.2092E-03		
		0.3820E+01	-0.7245E-07		
		0.5840E+01	-0.1874E-12		
		0.7860E+01	-0.8584E-16		
		0.8145E+01	-0.8681E-16		
		0.8429E+01	-0.8738E-16		
		0.8714E+01	-0.8757E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6100E-03		
		0.1211E+01	-0.3370E-03		
		0.1505E+01	-0.1751E-03		
		0.1800E+01	-0.9457E-04		
		0.3820E+01	-0.3281E-07		
		0.5840E+01	-0.8492E-13		
		0.7860E+01	0.4952E-16		
		0.8145E+01	0.4924E-16		
		0.8429E+01	0.4908E-16		
		0.8714E+01	0.4904E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9338E-04		
		0.9159E+00	-0.5617E-04		
		0.1211E+01	-0.3152E-04		
		0.1505E+01	-0.1658E-04		
		0.1800E+01	-0.9029E-05		
		0.3820E+01	-0.3220E-08		
		0.5840E+01	-0.8396E-14		
		0.7860E+01	0.6221E-16		
		0.8145E+01	0.6230E-16		
		0.8429E+01	0.6236E-16		
		0.8714E+01	0.6238E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6635E-02		
		0.6111E+00	-0.4445E-02		
		0.9159E+00	-0.2787E-02		
		0.1211E+01	-0.1668E-02		
		0.1505E+01	-0.9573E-03		
		0.1800E+01	-0.5712E-03		
		0.3820E+01	-0.6808E-06		
		0.5840E+01	-0.1447E-10		
		0.7860E+01	0.2503E-14		
		0.8145E+01	0.2514E-14		
		0.8429E+01	0.2521E-14		
		0.8714E+01	0.2523E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2530E-02		
		0.9159E+00	-0.1588E-02		
		0.1211E+01	-0.9505E-03		
		0.1505E+01	-0.5457E-03		
		0.1800E+01	-0.3257E-03		
		0.3820E+01	-0.3886E-06		
		0.5840E+01	-0.8262E-11		
		0.7860E+01	0.1324E-15		
		0.8145E+01	0.1390E-15		
		0.8429E+01	0.1428E-15		
		0.8714E+01	0.1441E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1141E-02		
		0.9159E+00	-0.7168E-03		
		0.1211E+01	-0.4296E-03		
		0.1505E+01	-0.2469E-03		
		0.1800E+01	-0.1475E-03		
		0.3820E+01	-0.1763E-06		
		0.5840E+01	-0.3751E-11		
		0.7860E+01	-0.1015E-14		
		0.8145E+01	-0.1014E-14		
		0.8429E+01	-0.1014E-14		
		0.8714E+01	-0.1014E-14		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6698E-04		
		0.1211E+01	-0.4090E-04		
		0.1505E+01	-0.2385E-04		
		0.1800E+01	-0.1439E-04		
		0.3820E+01	-0.1781E-07		
		0.5840E+01	-0.3826E-12		
		0.7860E+01	-0.8982E-15		
		0.8145E+01	-0.9003E-15		
		0.8429E+01	-0.9015E-15		
		0.8714E+01	-0.9020E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9410E-02		
		0.3063E+00	-0.6871E-02		
		0.6111E+00	-0.4770E-02		
		0.9159E+00	-0.3137E-02		
		0.1211E+01	-0.1992E-02		
		0.1505E+01	-0.1229E-02		
		0.1800E+01	-0.7870E-03		
		0.3820E+01	-0.2275E-05		
		0.5840E+01	-0.2141E-09		
		0.7860E+01	-0.1418E-14		
		0.8145E+01	-0.1447E-14		
		0.8429E+01	-0.1466E-14		
		0.8714E+01	-0.1473E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3908E-02		
		0.6111E+00	-0.2716E-02		
		0.9159E+00	-0.1787E-02		
		0.1211E+01	-0.1136E-02		
		0.1505E+01	-0.7011E-03		
		0.1800E+01	-0.4490E-03		
		0.3820E+01	-0.1299E-05		
		0.5840E+01	-0.1224E-09		
		0.7860E+01	0.7861E-14		
		0.8145E+01	0.7860E-14		
		0.8429E+01	0.7859E-14		
		0.8714E+01	0.7859E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1225E-02		
		0.9159E+00	-0.8076E-03		
		0.1211E+01	-0.5139E-03		
		0.1505E+01	-0.3176E-03		
		0.1800E+01	-0.2035E-03		
		0.3820E+01	-0.5907E-06		
		0.5840E+01	-0.5566E-10		
		0.7860E+01	0.8309E-14		
		0.8145E+01	0.8327E-14		
		0.8429E+01	0.8338E-14		
		0.8714E+01	0.8343E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1128E-03		
		0.9159E+00	-0.7648E-04		
		0.1211E+01	-0.4972E-04		
		0.1505E+01	-0.3125E-04		
		0.1800E+01	-0.2026E-04		
		0.3820E+01	-0.6131E-07		
		0.5840E+01	-0.5851E-11		
		0.7860E+01	0.3746E-14		
		0.8145E+01	0.3765E-14		

		0.8429E+01	0.3776E-14		
		0.8714E+01	0.3780E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9487E-02		
		0.3063E+00	-0.7061E-02		
		0.6111E+00	-0.5037E-02		
		0.9159E+00	-0.3436E-02		
		0.1211E+01	-0.2283E-02		
		0.1505E+01	-0.1488E-02		
		0.1800E+01	-0.1003E-02		
		0.3820E+01	-0.5646E-05		
		0.5840E+01	-0.1625E-08		
		0.7860E+01	-0.4368E-13		
		0.8145E+01	-0.4353E-13		
		0.8429E+01	-0.4346E-13		
		0.8714E+01	-0.4344E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4017E-02		
		0.6111E+00	-0.2868E-02		
		0.9159E+00	-0.1958E-02		
		0.1211E+01	-0.1302E-02		
		0.1505E+01	-0.8491E-03		
		0.1800E+01	-0.5727E-03		
		0.3820E+01	-0.3228E-05		
		0.5840E+01	-0.9296E-09		
		0.7860E+01	-0.3679E-13		
		0.8145E+01	-0.3678E-13		
		0.8429E+01	-0.3679E-13		
		0.8714E+01	-0.3680E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1809E-02		
		0.6111E+00	-0.1295E-02		
		0.9159E+00	-0.8856E-03		
		0.1211E+01	-0.5898E-03		
		0.1505E+01	-0.3850E-03		
		0.1800E+01	-0.2599E-03		
		0.3820E+01	-0.1470E-05		
		0.5840E+01	-0.4237E-09		
		0.7860E+01	-0.1093E-13		
		0.8145E+01	-0.1097E-13		
		0.8429E+01	-0.1100E-13		
		0.8714E+01	-0.1101E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1614E-03		
		0.6111E+00	-0.1203E-03		
		0.9159E+00	-0.8491E-04		
		0.1211E+01	-0.5793E-04		
		0.1505E+01	-0.3854E-04		
		0.1800E+01	-0.2636E-04		

		0.3820E+01	-0.1565E-06		
		0.5840E+01	-0.4581E-10		
		0.7860E+01	0.1128E-13		
		0.8145E+01	0.1125E-13		
		0.8429E+01	0.1124E-13		
		0.8714E+01	0.1123E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7248E+02	0.0000E+00
		0.1500E-02	-0.9549E-02		
		0.3063E+00	-0.7217E-02		
		0.6111E+00	-0.5261E-02		
		0.9159E+00	-0.3695E-02		
		0.1211E+01	-0.2545E-02		
		0.1505E+01	-0.1730E-02		
		0.1800E+01	-0.1214E-02		
		0.3820E+01	-0.1148E-04		
		0.5840E+01	-0.7890E-08		
		0.7860E+01	0.7448E-13		
		0.8145E+01	0.7766E-13		
		0.8429E+01	0.7929E-13		
		0.8714E+01	0.7979E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7248E+02	0.0000E+00
		0.1500E-02	-0.5426E-02		
		0.3063E+00	-0.4106E-02		
		0.6111E+00	-0.2997E-02		
		0.9159E+00	-0.2106E-02		
		0.1211E+01	-0.1452E-02		
		0.1505E+01	-0.9875E-03		
		0.1800E+01	-0.6932E-03		
		0.3820E+01	-0.6566E-05		
		0.5840E+01	-0.4516E-08		
		0.7860E+01	-0.3107E-13		
		0.8145E+01	-0.2926E-13		
		0.8429E+01	-0.2833E-13		
		0.8714E+01	-0.2805E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7248E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1850E-02		
		0.6111E+00	-0.1353E-02		
		0.9159E+00	-0.9532E-03		
		0.1211E+01	-0.6582E-03		
		0.1505E+01	-0.4483E-03		
		0.1800E+01	-0.3149E-03		
		0.3820E+01	-0.2995E-05		
		0.5840E+01	-0.2063E-08		
		0.7860E+01	-0.8215E-13		
		0.8145E+01	-0.8142E-13		
		0.8429E+01	-0.8104E-13		
		0.8714E+01	-0.8093E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7248E+02	0.0000E+00
		0.1500E-02	-0.2066E-03		
		0.3063E+00	-0.1659E-03		
		0.6111E+00	-0.1268E-03		

		0.9159E+00	-0.9245E-04		
		0.1211E+01	-0.6555E-04		
		0.1505E+01	-0.4559E-04		
		0.1800E+01	-0.3249E-04		
		0.3820E+01	-0.3266E-06		
		0.5840E+01	-0.2291E-09		
		0.7860E+01	-0.7317E-13		
		0.8145E+01	-0.7322E-13		
		0.8429E+01	-0.7323E-13		
		0.8714E+01	-0.7324E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7721E+02	0.0000E+00
		0.1500E-02	-0.9601E-02		
		0.3063E+00	-0.7347E-02		
		0.6111E+00	-0.5452E-02		
		0.9159E+00	-0.3920E-02		
		0.1211E+01	-0.2780E-02		
		0.1505E+01	-0.1954E-02		
		0.1800E+01	-0.1415E-02		
		0.3820E+01	-0.2027E-04		
		0.5840E+01	-0.2797E-07		
		0.7860E+01	0.6194E-12		
		0.8145E+01	0.6450E-12		
		0.8429E+01	0.6580E-12		
		0.8714E+01	0.6620E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7721E+02	0.0000E+00
		0.1500E-02	-0.5456E-02		
		0.3063E+00	-0.4181E-02		
		0.6111E+00	-0.3106E-02		
		0.9159E+00	-0.2236E-02		
		0.1211E+01	-0.1586E-02		
		0.1505E+01	-0.1116E-02		
		0.1800E+01	-0.8082E-03		
		0.3820E+01	-0.1160E-04		
		0.5840E+01	-0.1602E-07		
		0.7860E+01	0.2832E-12		
		0.8145E+01	0.2977E-12		
		0.8429E+01	0.3052E-12		
		0.8714E+01	0.3075E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7721E+02	0.0000E+00
		0.1500E-02	-0.2450E-02		
		0.3063E+00	-0.1884E-02		
		0.6111E+00	-0.1403E-02		
		0.9159E+00	-0.1012E-02		
		0.1211E+01	-0.7197E-03		
		0.1505E+01	-0.5070E-03		
		0.1800E+01	-0.3676E-03		
		0.3820E+01	-0.5301E-05		
		0.5840E+01	-0.7332E-08		
		0.7860E+01	0.8547E-13		
		0.8145E+01	0.9250E-13		
		0.8429E+01	0.9626E-13		
		0.8714E+01	0.9745E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7721E+02	0.0000E+00
		0.1500E-02	-0.2081E-03		
		0.3063E+00	-0.1698E-03		
		0.6111E+00	-0.1326E-03		
		0.9159E+00	-0.9924E-04		
		0.1211E+01	-0.7261E-04		
		0.1505E+01	-0.5233E-04		
		0.1800E+01	-0.3853E-04		
		0.3820E+01	-0.5915E-06		
		0.5840E+01	-0.8353E-09		
		0.7860E+01	-0.6624E-13		
		0.8145E+01	-0.6495E-13		
		0.8429E+01	-0.6406E-13		
		0.8714E+01	-0.6375E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8173E+02	0.0000E+00
		0.1500E-02	-0.9645E-02		
		0.3063E+00	-0.7459E-02		
		0.6111E+00	-0.5617E-02		
		0.9159E+00	-0.4119E-02		
		0.1211E+01	-0.2990E-02		
		0.1505E+01	-0.2160E-02		
		0.1800E+01	-0.1604E-02		
		0.3820E+01	-0.3229E-04		
		0.5840E+01	-0.7884E-07		
		0.7860E+01	0.4706E-11		
		0.8145E+01	0.4861E-11		
		0.8429E+01	0.4940E-11		
		0.8714E+01	0.4965E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8173E+02	0.0000E+00
		0.1500E-02	-0.5481E-02		
		0.3063E+00	-0.4245E-02		
		0.6111E+00	-0.3201E-02		
		0.9159E+00	-0.2350E-02		
		0.1211E+01	-0.1707E-02		
		0.1505E+01	-0.1234E-02		
		0.1800E+01	-0.9169E-03		
		0.3820E+01	-0.1850E-04		
		0.5840E+01	-0.4520E-07		
		0.7860E+01	0.1495E-11		
		0.8145E+01	0.1579E-11		
		0.8429E+01	0.1622E-11		
		0.8714E+01	0.1635E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8173E+02	0.0000E+00
		0.1500E-02	-0.2462E-02		
		0.3063E+00	-0.1913E-02		
		0.6111E+00	-0.1447E-02		
		0.9159E+00	-0.1065E-02		
		0.1211E+01	-0.7752E-03		
		0.1505E+01	-0.5613E-03		
		0.1800E+01	-0.4175E-03		
		0.3820E+01	-0.8465E-05		
		0.5840E+01	-0.2072E-07		
		0.7860E+01	0.6827E-12		

		0.8145E+01	0.7214E-12		
		0.8429E+01	0.7421E-12		
		0.8714E+01	0.7486E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8173E+02	0.0000E+00
		0.1500E-02	-0.2095E-03		
		0.3063E+00	-0.1733E-03		
		0.6111E+00	-0.1377E-03		
		0.9159E+00	-0.1054E-03		
		0.1211E+01	-0.7916E-04		
		0.1505E+01	-0.5874E-04		
		0.1800E+01	-0.4442E-04		
		0.3820E+01	-0.9653E-06		
		0.5840E+01	-0.2419E-08		
		0.7860E+01	0.3821E-12		
		0.8145E+01	0.3889E-12		
		0.8429E+01	0.3938E-12		
		0.8714E+01	0.3956E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8605E+02	0.0000E+00
		0.1500E-02	-0.9683E-02		
		0.3063E+00	-0.7556E-02		
		0.6111E+00	-0.5761E-02		
		0.9159E+00	-0.4295E-02		
		0.1211E+01	-0.3180E-02		
		0.1505E+01	-0.2349E-02		
		0.1800E+01	-0.1781E-02		
		0.3820E+01	-0.4761E-04		
		0.5840E+01	-0.1870E-06		
		0.7860E+01	0.3698E-10		
		0.8145E+01	0.3770E-10		
		0.8429E+01	0.3808E-10		
		0.8714E+01	0.3820E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8605E+02	0.0000E+00
		0.1500E-02	-0.5503E-02		
		0.3063E+00	-0.4301E-02		
		0.6111E+00	-0.3283E-02		
		0.9159E+00	-0.2450E-02		
		0.1211E+01	-0.1816E-02		
		0.1505E+01	-0.1343E-02		
		0.1800E+01	-0.1019E-02		
		0.3820E+01	-0.2729E-04		
		0.5840E+01	-0.1073E-06		
		0.7860E+01	0.1117E-10		
		0.8145E+01	0.1155E-10		
		0.8429E+01	0.1175E-10		
		0.8714E+01	0.1181E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8605E+02	0.0000E+00
		0.1500E-02	-0.2472E-02		
		0.3063E+00	-0.1939E-02		
		0.6111E+00	-0.1485E-02		
		0.9159E+00	-0.1111E-02		
		0.1211E+01	-0.8254E-03		
		0.1505E+01	-0.6113E-03		

		0.1800E+01	-0.4643E-03		
		0.3820E+01	-0.1251E-04		
		0.5840E+01	-0.4928E-07		
		0.7860E+01	0.3496E-11		
		0.8145E+01	0.3667E-11		
		0.8429E+01	0.3759E-11		
		0.8714E+01	0.3788E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8605E+02	0.0000E+00
		0.1500E-02	-0.2107E-03		
		0.3063E+00	-0.1764E-03		
		0.6111E+00	-0.1423E-03		
		0.9159E+00	-0.1110E-03		
		0.1211E+01	-0.8524E-04		
		0.1505E+01	-0.6480E-04		
		0.1800E+01	-0.5009E-04		
		0.3820E+01	-0.1456E-05		
		0.5840E+01	-0.5888E-08		
		0.7860E+01	0.1544E-11		
		0.8145E+01	0.1573E-11		
		0.8429E+01	0.1594E-11		
		0.8714E+01	0.1601E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9021E+02	0.0000E+00
		0.1500E-02	-0.9716E-02		
		0.3063E+00	-0.7640E-02		
		0.6111E+00	-0.5888E-02		
		0.9159E+00	-0.4451E-02		
		0.1211E+01	-0.3352E-02		
		0.1505E+01	-0.2523E-02		
		0.1800E+01	-0.1947E-02		
		0.3820E+01	-0.6610E-04		
		0.5840E+01	-0.3883E-06		
		0.7860E+01	0.2169E-09		
		0.8145E+01	0.2196E-09		
		0.8429E+01	0.2211E-09		
		0.8714E+01	0.2216E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9021E+02	0.0000E+00
		0.1500E-02	-0.5522E-02		
		0.3063E+00	-0.4349E-02		
		0.6111E+00	-0.3356E-02		
		0.9159E+00	-0.2540E-02		
		0.1211E+01	-0.1915E-02		
		0.1505E+01	-0.1443E-02		
		0.1800E+01	-0.1114E-02		
		0.3820E+01	-0.3792E-04		
		0.5840E+01	-0.2230E-06		
		0.7860E+01	0.7394E-10		
		0.8145E+01	0.7536E-10		
		0.8429E+01	0.7611E-10		
		0.8714E+01	0.7635E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9021E+02	0.0000E+00
		0.1500E-02	-0.2480E-02		
		0.3063E+00	-0.1961E-02		

		0.6111E+00	-0.1518E-02		
		0.9159E+00	-0.1152E-02		
		0.1211E+01	-0.8708E-03		
		0.1505E+01	-0.6573E-03		
		0.1800E+01	-0.5080E-03		
		0.3820E+01	-0.1741E-04		
		0.5840E+01	-0.1026E-06		
		0.7860E+01	0.2402E-10		
		0.8145E+01	0.2465E-10		
		0.8429E+01	0.2500E-10		
		0.8714E+01	0.2511E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9021E+02	0.0000E+00
		0.1500E-02	-0.2118E-03		
		0.3063E+00	-0.1792E-03		
		0.6111E+00	-0.1465E-03		
		0.9159E+00	-0.1162E-03		
		0.1211E+01	-0.9089E-04		
		0.1505E+01	-0.7053E-04		
		0.1800E+01	-0.5554E-04		
		0.3820E+01	-0.2066E-05		
		0.5840E+01	-0.1253E-07		
		0.7860E+01	0.8045E-11		
		0.8145E+01	0.8160E-11		
		0.8429E+01	0.8241E-11		
		0.8714E+01	0.8269E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9421E+02	0.0000E+00
		0.1500E-02	-0.9745E-02		
		0.3063E+00	-0.7714E-02		
		0.6111E+00	-0.6000E-02		
		0.9159E+00	-0.4591E-02		
		0.1211E+01	-0.3507E-02		
		0.1505E+01	-0.2682E-02		
		0.1800E+01	-0.2100E-02		
		0.3820E+01	-0.8754E-04		
		0.5840E+01	-0.7259E-06		
		0.7860E+01	0.9831E-09		
		0.8145E+01	0.9920E-09		
		0.8429E+01	0.9968E-09		
		0.8714E+01	0.9984E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9421E+02	0.0000E+00
		0.1500E-02	-0.5539E-02		
		0.3063E+00	-0.4392E-02		
		0.6111E+00	-0.3421E-02		
		0.9159E+00	-0.2621E-02		
		0.1211E+01	-0.2004E-02		
		0.1505E+01	-0.1534E-02		
		0.1800E+01	-0.1202E-02		
		0.3820E+01	-0.5026E-04		
		0.5840E+01	-0.4172E-06		
		0.7860E+01	0.3724E-09		
		0.8145E+01	0.3769E-09		
		0.8429E+01	0.3793E-09		
		0.8714E+01	0.3801E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9421E+02	0.0000E+00
		0.1500E-02	-0.2488E-02		
		0.3063E+00	-0.1981E-02		
		0.6111E+00	-0.1548E-02		
		0.9159E+00	-0.1190E-02		
		0.1211E+01	-0.9120E-03		
		0.1505E+01	-0.6996E-03		
		0.1800E+01	-0.5488E-03		
		0.3820E+01	-0.2310E-04		
		0.5840E+01	-0.1923E-06		
		0.7860E+01	0.1353E-09		
		0.8145E+01	0.1374E-09		
		0.8429E+01	0.1385E-09		
		0.8714E+01	0.1388E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9421E+02	0.0000E+00
		0.1500E-02	-0.2128E-03		
		0.3063E+00	-0.1817E-03		
		0.6111E+00	-0.1503E-03		
		0.9159E+00	-0.1209E-03		
		0.1211E+01	-0.9615E-04		
		0.1505E+01	-0.7593E-04		
		0.1800E+01	-0.6075E-04		
		0.3820E+01	-0.2794E-05		
		0.5840E+01	-0.2400E-07		
		0.7860E+01	0.4782E-10		
		0.8145E+01	0.4825E-10		
		0.8429E+01	0.4853E-10		
		0.8714E+01	0.4864E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9807E+02	0.0000E+00
		0.1500E-02	-0.9771E-02		
		0.3063E+00	-0.7779E-02		
		0.6111E+00	-0.6100E-02		
		0.9159E+00	-0.4717E-02		
		0.1211E+01	-0.3648E-02		
		0.1505E+01	-0.2828E-02		
		0.1800E+01	-0.2242E-02		
		0.3820E+01	-0.1116E-03		
		0.5840E+01	-0.1248E-05		
		0.7860E+01	0.3646E-08		
		0.8145E+01	0.3671E-08		
		0.8429E+01	0.3685E-08		
		0.8714E+01	0.3689E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9807E+02	0.0000E+00
		0.1500E-02	-0.5554E-02		
		0.3063E+00	-0.4429E-02		
		0.6111E+00	-0.3478E-02		
		0.9159E+00	-0.2693E-02		
		0.1211E+01	-0.2085E-02		
		0.1505E+01	-0.1618E-02		
		0.1800E+01	-0.1284E-02		
		0.3820E+01	-0.6412E-04		
		0.5840E+01	-0.7177E-06		

		0.7860E+01	0.1501E-08		
		0.8145E+01	0.1514E-08		
		0.8429E+01	0.1521E-08		
		0.8714E+01	0.1523E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9807E+02	0.0000E+00
		0.1500E-02	-0.2495E-02		
		0.3063E+00	-0.1998E-02		
		0.6111E+00	-0.1575E-02		
		0.9159E+00	-0.1223E-02		
		0.1211E+01	-0.9495E-03		
		0.1505E+01	-0.7384E-03		
		0.1800E+01	-0.5867E-03		
		0.3820E+01	-0.2952E-04		
		0.5840E+01	-0.3313E-06		
		0.7860E+01	0.5978E-09		
		0.8145E+01	0.6035E-09		
		0.8429E+01	0.6068E-09		
		0.8714E+01	0.6078E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9807E+02	0.0000E+00
		0.1500E-02	-0.2137E-03		
		0.3063E+00	-0.1840E-03		
		0.6111E+00	-0.1538E-03		
		0.9159E+00	-0.1253E-03		
		0.1211E+01	-0.1011E-03		
		0.1505E+01	-0.8101E-04		
		0.1800E+01	-0.6571E-04		
		0.3820E+01	-0.3633E-05		
		0.5840E+01	-0.4220E-07		
		0.7860E+01	0.2314E-09		
		0.8145E+01	0.2328E-09		
		0.8429E+01	0.2338E-09		
		0.8714E+01	0.2341E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1018E+03	0.0000E+00
		0.1500E-02	-0.9794E-02		
		0.3063E+00	-0.7838E-02		
		0.6111E+00	-0.6189E-02		
		0.9159E+00	-0.4830E-02		
		0.1211E+01	-0.3776E-02		
		0.1505E+01	-0.2962E-02		
		0.1800E+01	-0.2374E-02		
		0.3820E+01	-0.1380E-03		
		0.5840E+01	-0.2002E-05		
		0.7860E+01	0.1152E-07		
		0.8145E+01	0.1158E-07		
		0.8429E+01	0.1162E-07		
		0.8714E+01	0.1163E-07		
8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1018E+03	0.0000E+00
		0.1500E-02	-0.5567E-02		
		0.3063E+00	-0.4463E-02		
		0.6111E+00	-0.3530E-02		
		0.9159E+00	-0.2759E-02		
		0.1211E+01	-0.2159E-02		

		0.1505E+01	-0.1695E-02		
		0.1800E+01	-0.1360E-02		
		0.3820E+01	-0.7930E-04		
		0.5840E+01	-0.1153E-05		
		0.7860E+01	0.5080E-08		
		0.8145E+01	0.5113E-08		
		0.8429E+01	0.5131E-08		
		0.8714E+01	0.5138E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1018E+03	0.0000E+00
		0.1500E-02	-0.2501E-02		
		0.3063E+00	-0.2014E-02		
		0.6111E+00	-0.1599E-02		
		0.9159E+00	-0.1253E-02		
		0.1211E+01	-0.9836E-03		
		0.1505E+01	-0.7742E-03		
		0.1800E+01	-0.6219E-03		
		0.3820E+01	-0.3656E-04		
		0.5840E+01	-0.5330E-06		
		0.7860E+01	0.2178E-08		
		0.8145E+01	0.2193E-08		
		0.8429E+01	0.2201E-08		
		0.8714E+01	0.2204E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1018E+03	0.0000E+00
		0.1500E-02	-0.2145E-03		
		0.3063E+00	-0.1861E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1294E-03		
		0.1211E+01	-0.1056E-03		
		0.1505E+01	-0.8580E-04		
		0.1800E+01	-0.7043E-04		
		0.3820E+01	-0.4576E-05		
		0.5840E+01	-0.6925E-07		
		0.7860E+01	0.9099E-09		
		0.8145E+01	0.9143E-09		
		0.8429E+01	0.9170E-09		
		0.8714E+01	0.9181E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1054E+03	0.0000E+00
		0.1500E-02	-0.9814E-02		
		0.3063E+00	-0.7890E-02		
		0.6111E+00	-0.6270E-02		
		0.9159E+00	-0.4932E-02		
		0.1211E+01	-0.3892E-02		
		0.1505E+01	-0.3085E-02		
		0.1800E+01	-0.2496E-02		
		0.3820E+01	-0.1662E-03		
		0.5840E+01	-0.3037E-05		
		0.7860E+01	0.3190E-07		
		0.8145E+01	0.3204E-07		
		0.8429E+01	0.3213E-07		
		0.8714E+01	0.3216E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1054E+03	0.0000E+00
		0.1500E-02	-0.5579E-02		

		0.3063E+00	-0.4493E-02		
		0.6111E+00	-0.3576E-02		
		0.9159E+00	-0.2818E-02		
		0.1211E+01	-0.2226E-02		
		0.1505E+01	-0.1766E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.9561E-04		
		0.5840E+01	-0.1750E-05		
		0.7860E+01	0.1493E-07		
		0.8145E+01	0.1501E-07		
		0.8429E+01	0.1506E-07		
		0.8714E+01	0.1507E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1054E+03	0.0000E+00
		0.1500E-02	-0.2507E-02		
		0.3063E+00	-0.2028E-02		
		0.6111E+00	-0.1620E-02		
		0.9159E+00	-0.1281E-02		
		0.1211E+01	-0.1015E-02		
		0.1505E+01	-0.8071E-03		
		0.1800E+01	-0.6547E-03		
		0.3820E+01	-0.4413E-04		
		0.5840E+01	-0.8104E-06		
		0.7860E+01	0.6812E-08		
		0.8145E+01	0.6848E-08		
		0.8429E+01	0.6869E-08		
		0.8714E+01	0.6877E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1054E+03	0.0000E+00
		0.1500E-02	-0.2152E-03		
		0.3063E+00	-0.1880E-03		
		0.6111E+00	-0.1599E-03		
		0.9159E+00	-0.1331E-03		
		0.1211E+01	-0.1099E-03		
		0.1505E+01	-0.9031E-04		
		0.1800E+01	-0.7491E-04		
		0.3820E+01	-0.5615E-05		
		0.5840E+01	-0.1073E-06		
		0.7860E+01	0.3033E-08		
		0.8145E+01	0.3045E-08		
		0.8429E+01	0.3053E-08		
		0.8714E+01	0.3055E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1089E+03	0.0000E+00
		0.1500E-02	-0.9833E-02		
		0.3063E+00	-0.7938E-02		
		0.6111E+00	-0.6343E-02		
		0.9159E+00	-0.5025E-02		
		0.1211E+01	-0.3998E-02		
		0.1505E+01	-0.3198E-02		
		0.1800E+01	-0.2609E-02		
		0.3820E+01	-0.1960E-03		
		0.5840E+01	-0.4393E-05		
		0.7860E+01	0.7917E-07		
		0.8145E+01	0.7949E-07		
		0.8429E+01	0.7968E-07		

		0.8714E+01	0.7974E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1089E+03	0.0000E+00
		0.1500E-02	-0.5589E-02		
		0.3063E+00	-0.4521E-02		
		0.6111E+00	-0.3618E-02		
		0.9159E+00	-0.2871E-02		
		0.1211E+01	-0.2287E-02		
		0.1505E+01	-0.1831E-02		
		0.1800E+01	-0.1496E-02		
		0.3820E+01	-0.1128E-03		
		0.5840E+01	-0.2533E-05		
		0.7860E+01	0.3906E-07		
		0.8145E+01	0.3923E-07		
		0.8429E+01	0.3932E-07		
		0.8714E+01	0.3936E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1089E+03	0.0000E+00
		0.1500E-02	-0.2512E-02		
		0.3063E+00	-0.2041E-02		
		0.6111E+00	-0.1640E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.1043E-02		
		0.1505E+01	-0.8375E-03		
		0.1800E+01	-0.6850E-03		
		0.3820E+01	-0.5215E-04		
		0.5840E+01	-0.1175E-05		
		0.7860E+01	0.1880E-07		
		0.8145E+01	0.1889E-07		
		0.8429E+01	0.1893E-07		
		0.8714E+01	0.1895E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1089E+03	0.0000E+00
		0.1500E-02	-0.2159E-03		
		0.3063E+00	-0.1898E-03		
		0.6111E+00	-0.1627E-03		
		0.9159E+00	-0.1366E-03		
		0.1211E+01	-0.1139E-03		
		0.1505E+01	-0.9456E-04		
		0.1800E+01	-0.7916E-04		
		0.3820E+01	-0.6738E-05		
		0.5840E+01	-0.1584E-06		
		0.7860E+01	0.8847E-08		
		0.8145E+01	0.8877E-08		
		0.8429E+01	0.8897E-08		
		0.8714E+01	0.8904E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1124E+03	0.0000E+00
		0.1500E-02	-0.9849E-02		
		0.3063E+00	-0.7980E-02		
		0.6111E+00	-0.6408E-02		
		0.9159E+00	-0.5110E-02		
		0.1211E+01	-0.4095E-02		
		0.1505E+01	-0.3301E-02		
		0.1800E+01	-0.2714E-02		
		0.3820E+01	-0.2270E-03		

		0.5840E+01	-0.6107E-05		
		0.7860E+01	0.1792E-06		
		0.8145E+01	0.1798E-06		
		0.8429E+01	0.1802E-06		
		0.8714E+01	0.1803E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1124E+03	0.0000E+00
		0.1500E-02	-0.5599E-02		
		0.3063E+00	-0.4545E-02		
		0.6111E+00	-0.3656E-02		
		0.9159E+00	-0.2920E-02		
		0.1211E+01	-0.2344E-02		
		0.1505E+01	-0.1891E-02		
		0.1800E+01	-0.1556E-02		
		0.3820E+01	-0.1307E-03		
		0.5840E+01	-0.3524E-05		
		0.7860E+01	0.9258E-07		
		0.8145E+01	0.9293E-07		
		0.8429E+01	0.9313E-07		
		0.8714E+01	0.9320E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1124E+03	0.0000E+00
		0.1500E-02	-0.2516E-02		
		0.3063E+00	-0.2052E-02		
		0.6111E+00	-0.1658E-02		
		0.9159E+00	-0.1329E-02		
		0.1211E+01	-0.1070E-02		
		0.1505E+01	-0.8654E-03		
		0.1800E+01	-0.7132E-03		
		0.3820E+01	-0.6051E-04		
		0.5840E+01	-0.1638E-05		
		0.7860E+01	0.4676E-07		
		0.8145E+01	0.4693E-07		
		0.8429E+01	0.4704E-07		
		0.8714E+01	0.4707E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1124E+03	0.0000E+00
		0.1500E-02	-0.2166E-03		
		0.3063E+00	-0.1914E-03		
		0.6111E+00	-0.1652E-03		
		0.9159E+00	-0.1399E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.8320E-04		
		0.3820E+01	-0.7935E-05		
		0.5840E+01	-0.2246E-06		
		0.7860E+01	0.2310E-07		
		0.8145E+01	0.2317E-07		
		0.8429E+01	0.2322E-07		
		0.8714E+01	0.2323E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1157E+03	0.0000E+00
		0.1500E-02	-0.9864E-02		
		0.3063E+00	-0.8019E-02		
		0.6111E+00	-0.6468E-02		
		0.9159E+00	-0.5187E-02		

		0.1211E+01	-0.4184E-02		
		0.1505E+01	-0.3397E-02		
		0.1800E+01	-0.2810E-02		
		0.3820E+01	-0.2589E-03		
		0.5840E+01	-0.8206E-05		
		0.7860E+01	0.3747E-06		
		0.8145E+01	0.3759E-06		
		0.8429E+01	0.3766E-06		
		0.8714E+01	0.3769E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1157E+03	0.0000E+00
		0.1500E-02	-0.5607E-02		
		0.3063E+00	-0.4567E-02		
		0.6111E+00	-0.3691E-02		
		0.9159E+00	-0.2965E-02		
		0.1211E+01	-0.2395E-02		
		0.1505E+01	-0.1947E-02		
		0.1800E+01	-0.1612E-02		
		0.3820E+01	-0.1492E-03		
		0.5840E+01	-0.4739E-05		
		0.7860E+01	0.2018E-06		
		0.8145E+01	0.2025E-06		
		0.8429E+01	0.2029E-06		
		0.8714E+01	0.2030E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1157E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2062E-02		
		0.6111E+00	-0.1674E-02		
		0.9159E+00	-0.1349E-02		
		0.1211E+01	-0.1094E-02		
		0.1505E+01	-0.8912E-03		
		0.1800E+01	-0.7394E-03		
		0.3820E+01	-0.6914E-04		
		0.5840E+01	-0.2206E-05		
		0.7860E+01	0.1064E-06		
		0.8145E+01	0.1067E-06		
		0.8429E+01	0.1069E-06		
		0.8714E+01	0.1070E-06		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1157E+03	0.0000E+00
		0.1500E-02	-0.2172E-03		
		0.3063E+00	-0.1929E-03		
		0.6111E+00	-0.1676E-03		
		0.9159E+00	-0.1429E-03		
		0.1211E+01	-0.1212E-03		
		0.1505E+01	-0.1023E-03		
		0.1800E+01	-0.8703E-04		
		0.3820E+01	-0.9196E-05		
		0.5840E+01	-0.3077E-06		
		0.7860E+01	0.5490E-07		
		0.8145E+01	0.5506E-07		
		0.8429E+01	0.5516E-07		
		0.8714E+01	0.5520E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1189E+03	0.0000E+00

		0.1500E-02	-0.9878E-02		
		0.3063E+00	-0.8054E-02		
		0.6111E+00	-0.6522E-02		
		0.9159E+00	-0.5257E-02		
		0.1211E+01	-0.4265E-02		
		0.1505E+01	-0.3485E-02		
		0.1800E+01	-0.2900E-02		
		0.3820E+01	-0.2914E-03		
		0.5840E+01	-0.1071E-04		
		0.7860E+01	0.7324E-06		
		0.8145E+01	0.7346E-06		
		0.8429E+01	0.7359E-06		
		0.8714E+01	0.7363E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1189E+03	0.0000E+00
		0.1500E-02	-0.5615E-02		
		0.3063E+00	-0.4588E-02		
		0.6111E+00	-0.3723E-02		
		0.9159E+00	-0.3005E-02		
		0.1211E+01	-0.2442E-02		
		0.1505E+01	-0.1998E-02		
		0.1800E+01	-0.1664E-02		
		0.3820E+01	-0.1680E-03		
		0.5840E+01	-0.6190E-05		
		0.7860E+01	0.4094E-06		
		0.8145E+01	0.4106E-06		
		0.8429E+01	0.4114E-06		
		0.8714E+01	0.4117E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1189E+03	0.0000E+00
		0.1500E-02	-0.2524E-02		
		0.3063E+00	-0.2072E-02		
		0.6111E+00	-0.1689E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1116E-02		
		0.1505E+01	-0.9151E-03		
		0.1800E+01	-0.7637E-03		
		0.3820E+01	-0.7795E-04		
		0.5840E+01	-0.2885E-05		
		0.7860E+01	0.2243E-06		
		0.8145E+01	0.2249E-06		
		0.8429E+01	0.2253E-06		
		0.8714E+01	0.2255E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1189E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1944E-03		
		0.6111E+00	-0.1698E-03		
		0.9159E+00	-0.1458E-03		
		0.1211E+01	-0.1245E-03		
		0.1505E+01	-0.1059E-03		
		0.1800E+01	-0.9065E-04		
		0.3820E+01	-0.1051E-04		
		0.5840E+01	-0.4090E-06		
		0.7860E+01	0.1204E-06		
		0.8145E+01	0.1207E-06		
		0.8429E+01	0.1209E-06		
		0.8714E+01	0.1210E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1221E+03	0.0000E+00
		0.1500E-02	-0.9890E-02		
		0.3063E+00	-0.8086E-02		
		0.6111E+00	-0.6572E-02		
		0.9159E+00	-0.5321E-02		
		0.1211E+01	-0.4340E-02		
		0.1505E+01	-0.3566E-02		
		0.1800E+01	-0.2983E-02		
		0.3820E+01	-0.3242E-03		
		0.5840E+01	-0.1363E-04		
		0.7860E+01	0.1350E-05		
		0.8145E+01	0.1354E-05		
		0.8429E+01	0.1356E-05		
		0.8714E+01	0.1357E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1221E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4606E-02		
		0.6111E+00	-0.3751E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2485E-02		
		0.1505E+01	-0.2045E-02		
		0.1800E+01	-0.1712E-02		
		0.3820E+01	-0.1871E-03		
		0.5840E+01	-0.7883E-05		
		0.7860E+01	0.7804E-06		
		0.8145E+01	0.7826E-06		
		0.8429E+01	0.7839E-06		
		0.8714E+01	0.7844E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1221E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2081E-02		
		0.6111E+00	-0.1702E-02		
		0.9159E+00	-0.1386E-02		
		0.1211E+01	-0.1136E-02		
		0.1505E+01	-0.9372E-03		
		0.1800E+01	-0.7864E-03		
		0.3820E+01	-0.8689E-04		
		0.5840E+01	-0.3680E-05		
		0.7860E+01	0.4426E-06		
		0.8145E+01	0.4438E-06		
		0.8429E+01	0.4445E-06		
		0.8714E+01	0.4448E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1221E+03	0.0000E+00
		0.1500E-02	-0.2182E-03		
		0.3063E+00	-0.1957E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1484E-03		
		0.1211E+01	-0.1276E-03		
		0.1505E+01	-0.1092E-03		
		0.1800E+01	-0.9409E-04		
		0.3820E+01	-0.1187E-04		
		0.5840E+01	-0.5298E-06		
		0.7860E+01	0.2463E-06		
		0.8145E+01	0.2469E-06		

		0.8429E+01	0.2473E-06		
		0.8714E+01	0.2474E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1251E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8115E-02		
		0.6111E+00	-0.6617E-02		
		0.9159E+00	-0.5380E-02		
		0.1211E+01	-0.4409E-02		
		0.1505E+01	-0.3641E-02		
		0.1800E+01	-0.3060E-02		
		0.3820E+01	-0.3572E-03		
		0.5840E+01	-0.1697E-04		
		0.7860E+01	0.2364E-05		
		0.8145E+01	0.2370E-05		
		0.8429E+01	0.2374E-05		
		0.8714E+01	0.2375E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1251E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4623E-02		
		0.6111E+00	-0.3778E-02		
		0.9159E+00	-0.3077E-02		
		0.1211E+01	-0.2525E-02		
		0.1505E+01	-0.2088E-02		
		0.1800E+01	-0.1757E-02		
		0.3820E+01	-0.2062E-03		
		0.5840E+01	-0.9821E-05		
		0.7860E+01	0.1409E-05		
		0.8145E+01	0.1413E-05		
		0.8429E+01	0.1415E-05		
		0.8714E+01	0.1416E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1251E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2089E-02		
		0.6111E+00	-0.1714E-02		
		0.9159E+00	-0.1402E-02		
		0.1211E+01	-0.1155E-02		
		0.1505E+01	-0.9576E-03		
		0.1800E+01	-0.8074E-03		
		0.3820E+01	-0.9589E-04		
		0.5840E+01	-0.4592E-05		
		0.7860E+01	0.8247E-06		
		0.8145E+01	0.8268E-06		
		0.8429E+01	0.8281E-06		
		0.8714E+01	0.8286E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1251E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1969E-03		
		0.6111E+00	-0.1737E-03		
		0.9159E+00	-0.1509E-03		
		0.1211E+01	-0.1305E-03		
		0.1505E+01	-0.1124E-03		
		0.1800E+01	-0.9735E-04		

		0.3820E+01	-0.1326E-04		
		0.5840E+01	-0.6708E-06		
		0.7860E+01	0.4740E-06		
		0.8145E+01	0.4752E-06		
		0.8429E+01	0.4759E-06		
		0.8714E+01	0.4762E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1281E+03	0.0000E+00
		0.1500E-02	-0.9912E-02		
		0.3063E+00	-0.8141E-02		
		0.6111E+00	-0.6659E-02		
		0.9159E+00	-0.5434E-02		
		0.1211E+01	-0.4472E-02		
		0.1505E+01	-0.3710E-02		
		0.1800E+01	-0.3132E-02		
		0.3820E+01	-0.3901E-03		
		0.5840E+01	-0.2072E-04		
		0.7860E+01	0.3959E-05		
		0.8145E+01	0.3969E-05		
		0.8429E+01	0.3974E-05		
		0.8714E+01	0.3977E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1281E+03	0.0000E+00
		0.1500E-02	-0.5635E-02		
		0.3063E+00	-0.4639E-02		
		0.6111E+00	-0.3802E-02		
		0.9159E+00	-0.3108E-02		
		0.1211E+01	-0.2562E-02		
		0.1505E+01	-0.2128E-02		
		0.1800E+01	-0.1798E-02		
		0.3820E+01	-0.2253E-03		
		0.5840E+01	-0.1200E-04		
		0.7860E+01	0.2426E-05		
		0.8145E+01	0.2432E-05		
		0.8429E+01	0.2435E-05		
		0.8714E+01	0.2437E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1281E+03	0.0000E+00
		0.1500E-02	-0.2533E-02		
		0.3063E+00	-0.2096E-02		
		0.6111E+00	-0.1726E-02		
		0.9159E+00	-0.1417E-02		
		0.1211E+01	-0.1172E-02		
		0.1505E+01	-0.9765E-03		
		0.1800E+01	-0.8270E-03		
		0.3820E+01	-0.1049E-03		
		0.5840E+01	-0.5619E-05		
		0.7860E+01	0.1461E-05		
		0.8145E+01	0.1465E-05		
		0.8429E+01	0.1467E-05		
		0.8714E+01	0.1468E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1281E+03	0.0000E+00
		0.1500E-02	-0.2191E-03		
		0.3063E+00	-0.1981E-03		
		0.6111E+00	-0.1755E-03		

		0.9159E+00	-0.1533E-03		
		0.1211E+01	-0.1332E-03		
		0.1505E+01	-0.1154E-03		
		0.1800E+01	-0.1004E-03		
		0.3820E+01	-0.1469E-04		
		0.5840E+01	-0.8323E-06		
		0.7860E+01	0.8652E-06		
		0.8145E+01	0.8671E-06		
		0.8429E+01	0.8684E-06		
		0.8714E+01	0.8688E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1311E+03	0.0000E+00
		0.1500E-02	-0.9921E-02		
		0.3063E+00	-0.8166E-02		
		0.6111E+00	-0.6697E-02		
		0.9159E+00	-0.5484E-02		
		0.1211E+01	-0.4530E-02		
		0.1505E+01	-0.3774E-02		
		0.1800E+01	-0.3198E-02		
		0.3820E+01	-0.4227E-03		
		0.5840E+01	-0.2487E-04		
		0.7860E+01	0.6372E-05		
		0.8145E+01	0.6387E-05		
		0.8429E+01	0.6395E-05		
		0.8714E+01	0.6399E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1311E+03	0.0000E+00
		0.1500E-02	-0.5640E-02		
		0.3063E+00	-0.4653E-02		
		0.6111E+00	-0.3824E-02		
		0.9159E+00	-0.3137E-02		
		0.1211E+01	-0.2596E-02		
		0.1505E+01	-0.2165E-02		
		0.1800E+01	-0.1837E-02		
		0.3820E+01	-0.2443E-03		
		0.5840E+01	-0.1442E-04		
		0.7860E+01	0.4004E-05		
		0.8145E+01	0.4014E-05		
		0.8429E+01	0.4019E-05		
		0.8714E+01	0.4021E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1311E+03	0.0000E+00
		0.1500E-02	-0.2536E-02		
		0.3063E+00	-0.2103E-02		
		0.6111E+00	-0.1736E-02		
		0.9159E+00	-0.1431E-02		
		0.1211E+01	-0.1188E-02		
		0.1505E+01	-0.9941E-03		
		0.1800E+01	-0.8452E-03		
		0.3820E+01	-0.1139E-03		
		0.5840E+01	-0.6759E-05		
		0.7860E+01	0.2476E-05		
		0.8145E+01	0.2482E-05		
		0.8429E+01	0.2485E-05		
		0.8714E+01	0.2487E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1311E+03	0.0000E+00
		0.1500E-02	-0.2196E-03		
		0.3063E+00	-0.1991E-03		
		0.6111E+00	-0.1772E-03		
		0.9159E+00	-0.1555E-03		
		0.1211E+01	-0.1358E-03		
		0.1505E+01	-0.1182E-03		
		0.1800E+01	-0.1034E-03		
		0.3820E+01	-0.1613E-04		
		0.5840E+01	-0.1014E-05		
		0.7860E+01	0.1507E-05		
		0.8145E+01	0.1510E-05		
		0.8429E+01	0.1512E-05		
		0.8714E+01	0.1513E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1339E+03	0.0000E+00
		0.1500E-02	-0.9930E-02		
		0.3063E+00	-0.8188E-02		
		0.6111E+00	-0.6732E-02		
		0.9159E+00	-0.5530E-02		
		0.1211E+01	-0.4584E-02		
		0.1505E+01	-0.3833E-02		
		0.1800E+01	-0.3260E-02		
		0.3820E+01	-0.4550E-03		
		0.5840E+01	-0.2941E-04		
		0.7860E+01	0.9902E-05		
		0.8145E+01	0.9923E-05		
		0.8429E+01	0.9936E-05		
		0.8714E+01	0.9941E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1339E+03	0.0000E+00
		0.1500E-02	-0.5645E-02		
		0.3063E+00	-0.4666E-02		
		0.6111E+00	-0.3844E-02		
		0.9159E+00	-0.3164E-02		
		0.1211E+01	-0.2627E-02		
		0.1505E+01	-0.2200E-02		
		0.1800E+01	-0.1873E-02		
		0.3820E+01	-0.2631E-03		
		0.5840E+01	-0.1706E-04		
		0.7860E+01	0.6369E-05		
		0.8145E+01	0.6383E-05		
		0.8429E+01	0.6391E-05		
		0.8714E+01	0.6395E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1339E+03	0.0000E+00
		0.1500E-02	-0.2538E-02		
		0.3063E+00	-0.2109E-02		
		0.6111E+00	-0.1746E-02		
		0.9159E+00	-0.1443E-02		
		0.1211E+01	-0.1203E-02		
		0.1505E+01	-0.1010E-02		
		0.1800E+01	-0.8622E-03		
		0.3820E+01	-0.1228E-03		
		0.5840E+01	-0.8007E-05		
		0.7860E+01	0.4035E-05		

		0.8145E+01	0.4043E-05		
		0.8429E+01	0.4049E-05		
		0.8714E+01	0.4051E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1339E+03	0.0000E+00
		0.1500E-02	-0.2200E-03		
		0.3063E+00	-0.2001E-03		
		0.6111E+00	-0.1788E-03		
		0.9159E+00	-0.1575E-03		
		0.1211E+01	-0.1382E-03		
		0.1505E+01	-0.1209E-03		
		0.1800E+01	-0.1062E-03		
		0.3820E+01	-0.1758E-04		
		0.5840E+01	-0.1215E-05		
		0.7860E+01	0.2517E-05		
		0.8145E+01	0.2522E-05		
		0.8429E+01	0.2525E-05		
		0.8714E+01	0.2526E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1362E+03	0.0000E+00
		0.1500E-02	-0.9936E-02		
		0.3063E+00	-0.8204E-02		
		0.6111E+00	-0.6758E-02		
		0.9159E+00	-0.5564E-02		
		0.1211E+01	-0.4624E-02		
		0.1505E+01	-0.3877E-02		
		0.1800E+01	-0.3306E-02		
		0.3820E+01	-0.4805E-03		
		0.5840E+01	-0.3329E-04		
		0.7860E+01	0.1377E-04		
		0.8145E+01	0.1380E-04		
		0.8429E+01	0.1382E-04		
		0.8714E+01	0.1382E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1362E+03	0.0000E+00
		0.1500E-02	-0.5649E-02		
		0.3063E+00	-0.4675E-02		
		0.6111E+00	-0.3859E-02		
		0.9159E+00	-0.3184E-02		
		0.1211E+01	-0.2651E-02		
		0.1505E+01	-0.2225E-02		
		0.1800E+01	-0.1900E-02		
		0.3820E+01	-0.2779E-03		
		0.5840E+01	-0.1932E-04		
		0.7860E+01	0.9013E-05		
		0.8145E+01	0.9031E-05		
		0.8429E+01	0.9043E-05		
		0.8714E+01	0.9048E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1362E+03	0.0000E+00
		0.1500E-02	-0.2540E-02		
		0.3063E+00	-0.2113E-02		
		0.6111E+00	-0.1753E-02		
		0.9159E+00	-0.1453E-02		
		0.1211E+01	-0.1214E-02		
		0.1505E+01	-0.1023E-02		

		0.1800E+01	-0.8749E-03		
		0.3820E+01	-0.1298E-03		
		0.5840E+01	-0.9078E-05		
		0.7860E+01	0.5812E-05		
		0.8145E+01	0.5824E-05		
		0.8429E+01	0.5832E-05		
		0.8714E+01	0.5835E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1362E+03	0.0000E+00
		0.1500E-02	-0.2202E-03		
		0.3063E+00	-0.2009E-03		
		0.6111E+00	-0.1800E-03		
		0.9159E+00	-0.1591E-03		
		0.1211E+01	-0.1400E-03		
		0.1505E+01	-0.1229E-03		
		0.1800E+01	-0.1083E-03		
		0.3820E+01	-0.1875E-04		
		0.5840E+01	-0.1389E-05		
		0.7860E+01	0.3693E-05		
		0.8145E+01	0.3700E-05		
		0.8429E+01	0.3705E-05		
		0.8714E+01	0.3707E-05		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -       11:19:43            *
*           EXECUTION TIME    0: 2: 1            *
*                                                *
*                                                *
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CLR16

Berry Clay/Radnor Till
Thickness = 4.88 m
(Site Minimum)

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*                    M I G R A T E v 9                   *
*                                                        *
*                      VERSION 9.0.7                     *
*                                                        *
*                   REVISION - 4/16/1996                 *
*                                                        *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996      *
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*                                                        *
*                  RUN DATE -   17-11- 8                 *
*                  TIME     -    9:36:52                 *
*                                                        *
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Clinton LF No. 3 (CWU) CLR16 (BC/RT 4.88 m)

SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	1.63
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	1.63
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	1.63
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2041E-07		
		0.3426E+01	0.1289E-16		
		0.5053E+01	0.1457E-20		
		0.6680E+01	0.1836E-29		
		0.6965E+01	0.3570E-29		
		0.7249E+01	0.4042E-29		
		0.7534E+01	0.4117E-29		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1160E-07		
		0.3426E+01	0.7240E-17		
		0.5053E+01	0.8290E-21		
		0.6680E+01	0.1384E-29		
		0.6965E+01	0.2368E-29		
		0.7249E+01	0.2637E-29		
		0.7534E+01	0.2680E-29		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5209E-08		
		0.3426E+01	0.3162E-17		
		0.5053E+01	0.3732E-21		
		0.6680E+01	0.1023E-29		
		0.6965E+01	0.1447E-29		
		0.7249E+01	0.1559E-29		
		0.7534E+01	0.1574E-29		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4439E-09		
		0.3426E+01	0.1280E-18		
		0.5053E+01	0.3325E-22		
		0.6680E+01	0.8772E-30		
		0.6965E+01	0.8901E-30		
		0.7249E+01	0.8883E-30		
		0.7534E+01	0.8850E-30		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4058E-04		
		0.1800E+01	-0.6986E-05		
		0.3426E+01	-0.4112E-11		
		0.5053E+01	-0.3862E-16		
		0.6680E+01	0.2233E-20		
		0.6965E+01	0.2491E-20		
		0.7249E+01	0.2620E-20		
		0.7534E+01	0.2659E-20		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2308E-04		
		0.1800E+01	-0.3973E-05		
		0.3426E+01	-0.2339E-11		
		0.5053E+01	-0.2204E-16		
		0.6680E+01	0.4117E-21		
		0.6965E+01	0.5568E-21		
		0.7249E+01	0.6297E-21		
		0.7534E+01	0.6519E-21		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1788E-05		
		0.3426E+01	-0.1053E-11		
		0.5053E+01	-0.1000E-16		
		0.6680E+01	-0.4737E-22		
		0.6965E+01	0.1767E-22		
		0.7249E+01	0.5164E-22		
		0.7534E+01	0.6216E-22		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9126E-06		
		0.1800E+01	-0.1576E-06		
		0.3426E+01	-0.9340E-13		
		0.5053E+01	-0.1013E-17		
		0.6680E+01	-0.2990E-22		
		0.6965E+01	-0.2236E-22		
		0.7249E+01	-0.1629E-22		
		0.7534E+01	-0.1408E-22		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5285E-03		
		0.1505E+01	-0.1831E-03		
		0.1800E+01	-0.5399E-04		
		0.3426E+01	-0.3077E-08		
		0.5053E+01	-0.2273E-14		
		0.6680E+01	0.7805E-17		
		0.6965E+01	0.7967E-17		
		0.7249E+01	0.8054E-17		

		0.7534E+01	0.8082E-17		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3007E-03		
		0.1505E+01	-0.1042E-03		
		0.1800E+01	-0.3073E-04		
		0.3426E+01	-0.1752E-08		
		0.5053E+01	-0.1295E-14		
		0.6680E+01	0.1029E-18		
		0.6965E+01	0.1786E-18		
		0.7249E+01	0.2187E-18		
		0.7534E+01	0.2313E-18		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4694E-04		
		0.1800E+01	-0.1385E-04		
		0.3426E+01	-0.7902E-09		
		0.5053E+01	-0.5849E-15		
		0.6680E+01	-0.1172E-17		
		0.6965E+01	-0.1147E-17		
		0.7249E+01	-0.1134E-17		
		0.7534E+01	-0.1131E-17		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4241E-05		
		0.1800E+01	-0.1258E-05		
		0.3426E+01	-0.7264E-10		
		0.5053E+01	-0.5526E-16		
		0.6680E+01	-0.5074E-18		
		0.6965E+01	-0.5076E-18		
		0.7249E+01	-0.5069E-18		
		0.7534E+01	-0.5067E-18		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9206E-03		
		0.1505E+01	-0.4014E-03		
		0.1800E+01	-0.1555E-03		
		0.3426E+01	-0.8859E-07		

		0.5053E+01	-0.9639E-12		
		0.6680E+01	-0.4084E-15		
		0.6965E+01	-0.4100E-15		
		0.7249E+01	-0.4108E-15		
		0.7534E+01	-0.4111E-15		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5241E-03		
		0.1505E+01	-0.2285E-03		
		0.1800E+01	-0.8859E-04		
		0.3426E+01	-0.5048E-07		
		0.5053E+01	-0.5493E-12		
		0.6680E+01	-0.2727E-15		
		0.6965E+01	-0.2753E-15		
		0.7249E+01	-0.2768E-15		
		0.7534E+01	-0.2773E-15		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4833E-03		
		0.1211E+01	-0.2364E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.3999E-04		
		0.3426E+01	-0.2281E-07		
		0.5053E+01	-0.2483E-12		
		0.6680E+01	-0.2622E-16		
		0.6965E+01	-0.2748E-16		
		0.7249E+01	-0.2821E-16		
		0.7534E+01	-0.2846E-16		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4378E-04		
		0.1211E+01	-0.2168E-04		
		0.1505E+01	-0.9548E-05		
		0.1800E+01	-0.3728E-05		
		0.3426E+01	-0.2166E-08		
		0.5053E+01	-0.2369E-13		
		0.6680E+01	0.5507E-16		
		0.6965E+01	0.5501E-16		
		0.7249E+01	0.5496E-16		
		0.7534E+01	0.5495E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.1211E+01	-0.1300E-02		
		0.1505E+01	-0.6521E-03		
		0.1800E+01	-0.2982E-03		
		0.3426E+01	-0.6812E-06		
		0.5053E+01	-0.6786E-10		
		0.6680E+01	0.4086E-14		
		0.6965E+01	0.4087E-14		
		0.7249E+01	0.4087E-14		
		0.7534E+01	0.4087E-14		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7405E-03		
		0.1505E+01	-0.3715E-03		
		0.1800E+01	-0.1700E-03		
		0.3426E+01	-0.3885E-06		
		0.5053E+01	-0.3871E-10		
		0.6680E+01	0.4221E-14		
		0.6965E+01	0.4244E-14		
		0.7249E+01	0.4258E-14		
		0.7534E+01	0.4263E-14		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6091E-03		
		0.1211E+01	-0.3344E-03		
		0.1505E+01	-0.1679E-03		
		0.1800E+01	-0.7684E-04		
		0.3426E+01	-0.1759E-06		
		0.5053E+01	-0.1754E-10		
		0.6680E+01	0.1089E-14		
		0.6965E+01	0.1107E-14		
		0.7249E+01	0.1117E-14		
		0.7534E+01	0.1121E-14		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9336E-04		
		0.9159E+00	-0.5608E-04		
		0.1211E+01	-0.3127E-04		
		0.1505E+01	-0.1588E-04		
		0.1800E+01	-0.7336E-05		
		0.3426E+01	-0.1721E-07		
		0.5053E+01	-0.1730E-11		
		0.6680E+01	-0.8683E-15		
		0.6965E+01	-0.8648E-15		
		0.7249E+01	-0.8626E-15		
		0.7534E+01	-0.8620E-15		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.9079E-03		
		0.1800E+01	-0.4641E-03		
		0.3426E+01	-0.2687E-05		
		0.5053E+01	-0.1171E-08		
		0.6680E+01	-0.3331E-13		
		0.6965E+01	-0.3281E-13		
		0.7249E+01	-0.3257E-13		
		0.7534E+01	-0.3250E-13		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1583E-02		
		0.1211E+01	-0.9385E-03		
		0.1505E+01	-0.5175E-03		
		0.1800E+01	-0.2647E-03		
		0.3426E+01	-0.1533E-05		
		0.5053E+01	-0.6685E-09		
		0.6680E+01	-0.2185E-13		
		0.6965E+01	-0.2167E-13		
		0.7249E+01	-0.2159E-13		
		0.7534E+01	-0.2157E-13		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7146E-03		
		0.1211E+01	-0.4242E-03		
		0.1505E+01	-0.2341E-03		
		0.1800E+01	-0.1198E-03		
		0.3426E+01	-0.6956E-06		
		0.5053E+01	-0.3035E-09		
		0.6680E+01	-0.3000E-15		
		0.6965E+01	-0.2403E-15		
		0.7249E+01	-0.2153E-15		
		0.7534E+01	-0.2088E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6677E-04		
		0.1211E+01	-0.4036E-04		
		0.1505E+01	-0.2260E-04		
		0.1800E+01	-0.1169E-04		
		0.3426E+01	-0.7001E-07		
		0.5053E+01	-0.3088E-10		
		0.6680E+01	0.1027E-13		
		0.6965E+01	0.1029E-13		
		0.7249E+01	0.1030E-13		
		0.7534E+01	0.1031E-13		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1155E-02		
		0.1800E+01	-0.6395E-03		
		0.3426E+01	-0.7211E-05		
		0.5053E+01	-0.9036E-08		
		0.6680E+01	0.9821E-13		
		0.6965E+01	0.1149E-12		
		0.7249E+01	0.1232E-12		
		0.7534E+01	0.1258E-12		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.6585E-03		
		0.1800E+01	-0.3648E-03		
		0.3426E+01	-0.4118E-05		
		0.5053E+01	-0.5163E-08		
		0.6680E+01	-0.1630E-13		
		0.6965E+01	-0.6725E-14		
		0.7249E+01	-0.1859E-14		
		0.7534E+01	-0.3735E-15		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8035E-03		
		0.1211E+01	-0.5047E-03		
		0.1505E+01	-0.2982E-03		
		0.1800E+01	-0.1654E-03		
		0.3426E+01	-0.1871E-05		
		0.5053E+01	-0.2348E-08		
		0.6680E+01	-0.6877E-13		
		0.6965E+01	-0.6446E-13		
		0.7249E+01	-0.6220E-13		
		0.7534E+01	-0.6150E-13		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7607E-04		
		0.1211E+01	-0.4879E-04		
		0.1505E+01	-0.2931E-04		
		0.1800E+01	-0.1646E-04		
		0.3426E+01	-0.1934E-06		
		0.5053E+01	-0.2460E-09		
		0.6680E+01	-0.5655E-13		
		0.6965E+01	-0.5615E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.7249E+01	-0.5582E-13		
		0.7534E+01	-0.5570E-13		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3411E-02		
		0.1211E+01	-0.2231E-02		
		0.1505E+01	-0.1386E-02		
		0.1800E+01	-0.8153E-03		
		0.3426E+01	-0.1518E-04		
		0.5053E+01	-0.4205E-07		
		0.6680E+01	0.1254E-11		
		0.6965E+01	0.1458E-11		
		0.7249E+01	0.1560E-11		
		0.7534E+01	0.1591E-11		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1272E-02		
		0.1505E+01	-0.7908E-03		
		0.1800E+01	-0.4654E-03		
		0.3426E+01	-0.8675E-05		
		0.5053E+01	-0.2405E-07		
		0.6680E+01	0.2636E-12		
		0.6965E+01	0.3774E-12		
		0.7249E+01	0.4352E-12		
		0.7534E+01	0.4529E-12		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8790E-03		
		0.1211E+01	-0.5762E-03		
		0.1505E+01	-0.3585E-03		
		0.1800E+01	-0.2112E-03		
		0.3426E+01	-0.3948E-05		
		0.5053E+01	-0.1096E-07		
		0.6680E+01	0.7435E-13		
		0.6965E+01	0.1274E-12		
		0.7249E+01	0.1555E-12		
		0.7534E+01	0.1643E-12		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1200E-03		
		0.9159E+00	-0.8423E-04		
		0.1211E+01	-0.5652E-04		
		0.1505E+01	-0.3582E-04		
		0.1800E+01	-0.2142E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3426E+01	-0.4182E-06		
		0.5053E+01	-0.1180E-08		
		0.6680E+01	-0.1895E-13		
		0.6965E+01	-0.1078E-13		
		0.7249E+01	-0.4755E-14		
		0.7534E+01	-0.2617E-14		
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7209E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3658E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1599E-02		
		0.1800E+01	-0.9863E-03		
		0.3426E+01	-0.2714E-04		
		0.5053E+01	-0.1394E-06		
		0.6680E+01	0.2332E-10		
		0.6965E+01	0.2484E-10		
		0.7249E+01	0.2562E-10		
		0.7534E+01	0.2586E-10		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2987E-02		
		0.9159E+00	-0.2085E-02		
		0.1211E+01	-0.1411E-02		
		0.1505E+01	-0.9130E-03		
		0.1800E+01	-0.5633E-03		
		0.3426E+01	-0.1552E-04		
		0.5053E+01	-0.7980E-07		
		0.6680E+01	0.4451E-11		
		0.6965E+01	0.5267E-11		
		0.7249E+01	0.5684E-11		
		0.7534E+01	0.5813E-11		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1349E-02		
		0.9159E+00	-0.9437E-03		
		0.1211E+01	-0.6397E-03		
		0.1505E+01	-0.4144E-03		
		0.1800E+01	-0.2559E-03		
		0.3426E+01	-0.7076E-05		
		0.5053E+01	-0.3643E-07		
		0.6680E+01	0.7280E-12		
		0.6965E+01	0.1098E-11		
		0.7249E+01	0.1294E-11		
		0.7534E+01	0.1356E-11		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1263E-03		

		0.9159E+00	-0.9143E-04		
		0.1211E+01	-0.6360E-04		
		0.1505E+01	-0.4205E-04		
		0.1800E+01	-0.2640E-04		
		0.3426E+01	-0.7671E-06		
		0.5053E+01	-0.4026E-08		
		0.6680E+01	0.4273E-12		
		0.6965E+01	0.4828E-12		
		0.7249E+01	0.5239E-12		
		0.7534E+01	0.5385E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5427E-02		
		0.9159E+00	-0.3871E-02		
		0.1211E+01	-0.2689E-02		
		0.1505E+01	-0.1795E-02		
		0.1800E+01	-0.1149E-02		
		0.3426E+01	-0.4324E-04		
		0.5053E+01	-0.3644E-06		
		0.6680E+01	0.2467E-09		
		0.6965E+01	0.2547E-09		
		0.7249E+01	0.2588E-09		
		0.7534E+01	0.2601E-09		
5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2207E-02		
		0.1211E+01	-0.1535E-02		
		0.1505E+01	-0.1025E-02		
		0.1800E+01	-0.6568E-03		
		0.3426E+01	-0.2475E-04		
		0.5053E+01	-0.2087E-06		
		0.6680E+01	0.6448E-10		
		0.6965E+01	0.6857E-10		
		0.7249E+01	0.7069E-10		
		0.7534E+01	0.7135E-10		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.9995E-03		
		0.1211E+01	-0.6961E-03		
		0.1505E+01	-0.4657E-03		
		0.1800E+01	-0.2987E-03		
		0.3426E+01	-0.1130E-04		
		0.5053E+01	-0.9545E-07		
		0.6680E+01	0.1481E-10		
		0.6965E+01	0.1663E-10		
		0.7249E+01	0.1760E-10		
		0.7534E+01	0.1790E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1695E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9784E-04		
		0.1211E+01	-0.7006E-04		
		0.1505E+01	-0.4794E-04		
		0.1800E+01	-0.3131E-04		
		0.3426E+01	-0.1252E-05		
		0.5053E+01	-0.1081E-07		
		0.6680E+01	0.3887E-11		
		0.6965E+01	0.4172E-11		
		0.7249E+01	0.4378E-11		
		0.7534E+01	0.4451E-11		
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.4056E-02		
		0.1211E+01	-0.2879E-02		
		0.1505E+01	-0.1974E-02		
		0.1800E+01	-0.1303E-02		
		0.3426E+01	-0.6334E-04		
		0.5053E+01	-0.8001E-06		
		0.6680E+01	0.1653E-08		
		0.6965E+01	0.1685E-08		
		0.7249E+01	0.1702E-08		
		0.7534E+01	0.1707E-08		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4236E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1644E-02		
		0.1505E+01	-0.1128E-02		
		0.1800E+01	-0.7451E-03		
		0.3426E+01	-0.3628E-04		
		0.5053E+01	-0.4587E-06		
		0.6680E+01	0.5193E-09		
		0.6965E+01	0.5352E-09		
		0.7249E+01	0.5436E-09		
		0.7534E+01	0.5463E-09		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7463E-03		
		0.1505E+01	-0.5127E-03		
		0.1800E+01	-0.3392E-03		
		0.3426E+01	-0.1659E-04		
		0.5053E+01	-0.2101E-06		
		0.6680E+01	0.1530E-09		

		0.6965E+01	0.1599E-09		
		0.7249E+01	0.1637E-09		
		0.7534E+01	0.1649E-09		
5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1367E-03		
		0.9159E+00	-0.1036E-03		
		0.1211E+01	-0.7599E-04		
		0.1505E+01	-0.5348E-04		
		0.1800E+01	-0.3609E-04		
		0.3426E+01	-0.1877E-05		
		0.5053E+01	-0.2437E-07		
		0.6680E+01	0.4473E-10		
		0.6965E+01	0.4595E-10		
		0.7249E+01	0.4681E-10		
		0.7534E+01	0.4711E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5718E-02		
		0.9159E+00	-0.4217E-02		
		0.1211E+01	-0.3049E-02		
		0.1505E+01	-0.2136E-02		
		0.1800E+01	-0.1448E-02		
		0.3426E+01	-0.8707E-04		
		0.5053E+01	-0.1541E-05		
		0.6680E+01	0.8044E-08		
		0.6965E+01	0.8149E-08		
		0.7249E+01	0.8207E-08		
		0.7534E+01	0.8226E-08		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2406E-02		
		0.1211E+01	-0.1741E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.8279E-03		
		0.3426E+01	-0.4990E-04		
		0.5053E+01	-0.8842E-06		
		0.6680E+01	0.2863E-08		
		0.6965E+01	0.2915E-08		
		0.7249E+01	0.2943E-08		
		0.7534E+01	0.2952E-08		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.7911E-03		
		0.1505E+01	-0.5556E-03		

		0.1800E+01	-0.3773E-03		
		0.3426E+01	-0.2285E-04		
		0.5053E+01	-0.4058E-06		
		0.6680E+01	0.9755E-09		
		0.6965E+01	0.9981E-09		
		0.7249E+01	0.1011E-08		
		0.7534E+01	0.1015E-08		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1410E-03		
		0.9159E+00	-0.1087E-03		
		0.1211E+01	-0.8142E-04		
		0.1505E+01	-0.5869E-04		
		0.1800E+01	-0.4071E-04		
		0.3426E+01	-0.2637E-05		
		0.5053E+01	-0.4813E-07		
		0.6680E+01	0.3256E-09		
		0.6965E+01	0.3302E-09		
		0.7249E+01	0.3334E-09		
		0.7534E+01	0.3345E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9707E-02		
		0.3063E+00	-0.7613E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4359E-02		
		0.1211E+01	-0.3201E-02		
		0.1505E+01	-0.2284E-02		
		0.1800E+01	-0.1582E-02		
		0.3426E+01	-0.1139E-03		
		0.5053E+01	-0.2683E-05		
		0.6680E+01	0.3079E-07		
		0.6965E+01	0.3110E-07		
		0.7249E+01	0.3127E-07		
		0.7534E+01	0.3132E-07		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4334E-02		
		0.6111E+00	-0.3326E-02		
		0.9159E+00	-0.2488E-02		
		0.1211E+01	-0.1828E-02		
		0.1505E+01	-0.1306E-02		
		0.1800E+01	-0.9051E-03		
		0.3426E+01	-0.6535E-04		
		0.5053E+01	-0.1541E-05		
		0.6680E+01	0.1208E-07		
		0.6965E+01	0.1223E-07		
		0.7249E+01	0.1231E-07		
		0.7534E+01	0.1234E-07		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2478E-02		
		0.3063E+00	-0.1954E-02		

		0.6111E+00	-0.1505E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.8312E-03		
		0.1505E+01	-0.5948E-03		
		0.1800E+01	-0.4129E-03		
		0.3426E+01	-0.2997E-04		
		0.5053E+01	-0.7083E-06		
		0.6680E+01	0.4568E-08		
		0.6965E+01	0.4634E-08		
		0.7249E+01	0.4670E-08		
		0.7534E+01	0.4682E-08		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1784E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.8641E-04		
		0.1505E+01	-0.6357E-04		
		0.1800E+01	-0.4514E-04		
		0.3426E+01	-0.3523E-05		
		0.5053E+01	-0.8582E-07		
		0.6680E+01	0.1686E-08		
		0.6965E+01	0.1702E-08		
		0.7249E+01	0.1712E-08		
		0.7534E+01	0.1716E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7681E-02		
		0.6111E+00	-0.5938E-02		
		0.9159E+00	-0.4484E-02		
		0.1211E+01	-0.3337E-02		
		0.1505E+01	-0.2419E-02		
		0.1800E+01	-0.1707E-02		
		0.3426E+01	-0.1434E-03		
		0.5053E+01	-0.4314E-05		
		0.6680E+01	0.9778E-07		
		0.6965E+01	0.9856E-07		
		0.7249E+01	0.9899E-07		
		0.7534E+01	0.9914E-07		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2560E-02		
		0.1211E+01	-0.1907E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.9769E-03		
		0.3426E+01	-0.8232E-04		
		0.5053E+01	-0.2479E-05		
		0.6680E+01	0.4155E-07		
		0.6965E+01	0.4194E-07		
		0.7249E+01	0.4215E-07		
		0.7534E+01	0.4222E-07		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1972E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1162E-02		
		0.1211E+01	-0.8673E-03		
		0.1505E+01	-0.6307E-03		
		0.1800E+01	-0.4460E-03		
		0.3426E+01	-0.3781E-04		
		0.5053E+01	-0.1141E-05		
		0.6680E+01	0.1709E-07		
		0.6965E+01	0.1726E-07		
		0.7249E+01	0.1736E-07		
		0.7534E+01	0.1739E-07		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1807E-03		
		0.6111E+00	-0.1484E-03		
		0.9159E+00	-0.1177E-03		
		0.1211E+01	-0.9102E-04		
		0.1505E+01	-0.6815E-04		
		0.1800E+01	-0.4937E-04		
		0.3426E+01	-0.4524E-05		
		0.5053E+01	-0.1412E-06		
		0.6680E+01	0.6846E-08		
		0.6965E+01	0.6895E-08		
		0.7249E+01	0.6927E-08		
		0.7534E+01	0.6938E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6028E-02		
		0.9159E+00	-0.4596E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2542E-02		
		0.1800E+01	-0.1822E-02		
		0.3426E+01	-0.1750E-03		
		0.5053E+01	-0.6505E-05		
		0.6680E+01	0.2674E-06		
		0.6965E+01	0.2692E-06		
		0.7249E+01	0.2702E-06		
		0.7534E+01	0.2705E-06		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2624E-02		
		0.1211E+01	-0.1977E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.1044E-02		
		0.3426E+01	-0.1005E-03		
		0.5053E+01	-0.3741E-05		

		0.6680E+01	0.1216E-06		
		0.6965E+01	0.1225E-06		
		0.7249E+01	0.1230E-06		
		0.7534E+01	0.1232E-06		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1556E-02		
		0.9159E+00	-0.1191E-02		
		0.1211E+01	-0.8998E-03		
		0.1505E+01	-0.6635E-03		
		0.1800E+01	-0.4769E-03		
		0.3426E+01	-0.4622E-04		
		0.5053E+01	-0.1725E-05		
		0.6680E+01	0.5369E-07		
		0.6965E+01	0.5410E-07		
		0.7249E+01	0.5434E-07		
		0.7534E+01	0.5442E-07		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1515E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9528E-04		
		0.1505E+01	-0.7243E-04		
		0.1800E+01	-0.5341E-04		
		0.3426E+01	-0.5625E-05		
		0.5053E+01	-0.2176E-06		
		0.6680E+01	0.2308E-07		
		0.6965E+01	0.2321E-07		
		0.7249E+01	0.2330E-07		
		0.7534E+01	0.2333E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.1211E+01	-0.3569E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1930E-02		
		0.3426E+01	-0.2082E-03		
		0.5053E+01	-0.9310E-05		
		0.6680E+01	0.6476E-06		
		0.6965E+01	0.6513E-06		
		0.7249E+01	0.6534E-06		
		0.7534E+01	0.6542E-06		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2681E-02		
		0.1211E+01	-0.2040E-02		

		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1105E-02		
		0.3426E+01	-0.1196E-03		
		0.5053E+01	-0.5358E-05		
		0.6680E+01	0.3123E-06		
		0.6965E+01	0.3143E-06		
		0.7249E+01	0.3154E-06		
		0.7534E+01	0.3158E-06		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1218E-02		
		0.1211E+01	-0.9292E-03		
		0.1505E+01	-0.6935E-03		
		0.1800E+01	-0.5055E-03		
		0.3426E+01	-0.5509E-04		
		0.5053E+01	-0.2475E-05		
		0.6680E+01	0.1465E-06		
		0.6965E+01	0.1475E-06		
		0.7249E+01	0.1480E-06		
		0.7534E+01	0.1482E-06		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1544E-03		
		0.9159E+00	-0.1251E-03		
		0.1211E+01	-0.9922E-04		
		0.1505E+01	-0.7646E-04		
		0.1800E+01	-0.5725E-04		
		0.3426E+01	-0.6814E-05		
		0.5053E+01	-0.3181E-06		
		0.6680E+01	0.6698E-07		
		0.6965E+01	0.6733E-07		
		0.7249E+01	0.6755E-07		
		0.7534E+01	0.6763E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4785E-02		
		0.1211E+01	-0.3668E-02		
		0.1505E+01	-0.2757E-02		
		0.1800E+01	-0.2029E-02		
		0.3426E+01	-0.2425E-03		
		0.5053E+01	-0.1276E-04		
		0.6680E+01	0.1418E-05		
		0.6965E+01	0.1426E-05		
		0.7249E+01	0.1430E-05		
		0.7534E+01	0.1431E-05		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3524E-02		
		0.9159E+00	-0.2733E-02		
		0.1211E+01	-0.2098E-02		
		0.1505E+01	-0.1578E-02		
		0.1800E+01	-0.1163E-02		
		0.3426E+01	-0.1394E-03		
		0.5053E+01	-0.7350E-05		
		0.6680E+01	0.7201E-06		
		0.6965E+01	0.7240E-06		
		0.7249E+01	0.7263E-06		
		0.7534E+01	0.7271E-06		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1242E-02		
		0.1211E+01	-0.9559E-03		
		0.1505E+01	-0.7210E-03		
		0.1800E+01	-0.5322E-03		
		0.3426E+01	-0.6429E-04		
		0.5053E+01	-0.3401E-05		
		0.6680E+01	0.3563E-06		
		0.6965E+01	0.3582E-06		
		0.7249E+01	0.3594E-06		
		0.7534E+01	0.3598E-06		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1864E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1029E-03		
		0.1505E+01	-0.8023E-04		
		0.1800E+01	-0.6090E-04		
		0.3426E+01	-0.8075E-05		
		0.5053E+01	-0.4448E-06		
		0.6680E+01	0.1720E-06		
		0.6965E+01	0.1728E-06		
		0.7249E+01	0.1733E-06		
		0.7534E+01	0.1735E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7882E-02		
		0.6111E+00	-0.6243E-02		
		0.9159E+00	-0.4865E-02		
		0.1211E+01	-0.3759E-02		
		0.1505E+01	-0.2851E-02		
		0.1800E+01	-0.2121E-02		
		0.3426E+01	-0.2776E-03		
		0.5053E+01	-0.1687E-04		
		0.6680E+01	0.2857E-05		
		0.6965E+01	0.2870E-05		
		0.7249E+01	0.2878E-05		

		0.7534E+01	0.2881E-05		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4489E-02		
		0.6111E+00	-0.3561E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.2150E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.1216E-02		
		0.3426E+01	-0.1597E-03		
		0.5053E+01	-0.9726E-05		
		0.6680E+01	0.1518E-05		
		0.6965E+01	0.1525E-05		
		0.7249E+01	0.1529E-05		
		0.7534E+01	0.1531E-05		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1263E-02		
		0.1211E+01	-0.9802E-03		
		0.1505E+01	-0.7463E-03		
		0.1800E+01	-0.5569E-03		
		0.3426E+01	-0.7372E-04		
		0.5053E+01	-0.4507E-05		
		0.6680E+01	0.7869E-06		
		0.6965E+01	0.7908E-06		
		0.7249E+01	0.7930E-06		
		0.7534E+01	0.7938E-06		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1879E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1314E-03		
		0.1211E+01	-0.1063E-03		
		0.1505E+01	-0.8377E-04		
		0.1800E+01	-0.6436E-04		
		0.3426E+01	-0.9396E-05		
		0.5053E+01	-0.5993E-06		
		0.6680E+01	0.3985E-06		
		0.6965E+01	0.4003E-06		
		0.7249E+01	0.4014E-06		
		0.7534E+01	0.4017E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7919E-02		
		0.6111E+00	-0.6300E-02		
		0.9159E+00	-0.4937E-02		
		0.1211E+01	-0.3841E-02		
		0.1505E+01	-0.2938E-02		
		0.1800E+01	-0.2206E-02		
		0.3426E+01	-0.3130E-03		

		0.5053E+01	-0.2164E-04		
		0.6680E+01	0.5361E-05		
		0.6965E+01	0.5384E-05		
		0.7249E+01	0.5398E-05		
		0.7534E+01	0.5402E-05		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2821E-02		
		0.1211E+01	-0.2197E-02		
		0.1505E+01	-0.1683E-02		
		0.1800E+01	-0.1265E-02		
		0.3426E+01	-0.1802E-03		
		0.5053E+01	-0.1248E-04		
		0.6680E+01	0.2964E-05		
		0.6965E+01	0.2977E-05		
		0.7249E+01	0.2985E-05		
		0.7534E+01	0.2988E-05		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1629E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7695E-03		
		0.1800E+01	-0.5799E-03		
		0.3426E+01	-0.8328E-04		
		0.5053E+01	-0.5792E-05		
		0.6680E+01	0.1603E-05		
		0.6965E+01	0.1610E-05		
		0.7249E+01	0.1614E-05		
		0.7534E+01	0.1615E-05		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1616E-03		
		0.9159E+00	-0.1342E-03		
		0.1211E+01	-0.1094E-03		
		0.1505E+01	-0.8710E-04		
		0.1800E+01	-0.6766E-04		
		0.3426E+01	-0.1076E-04		
		0.5053E+01	-0.7816E-06		
		0.6680E+01	0.8473E-06		
		0.6965E+01	0.8507E-06		
		0.7249E+01	0.8529E-06		
		0.7534E+01	0.8537E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7953E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.5003E-02		

		0.1211E+01	-0.3915E-02		
		0.1505E+01	-0.3017E-02		
		0.1800E+01	-0.2285E-02		
		0.3426E+01	-0.3486E-03		
		0.5053E+01	-0.2702E-04		
		0.6680E+01	0.9471E-05		
		0.6965E+01	0.9508E-05		
		0.7249E+01	0.9530E-05		
		0.7534E+01	0.9538E-05		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5594E-02		
		0.3063E+00	-0.4530E-02		
		0.6111E+00	-0.3624E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2241E-02		
		0.1505E+01	-0.1728E-02		
		0.1800E+01	-0.1311E-02		
		0.3426E+01	-0.2007E-03		
		0.5053E+01	-0.1560E-04		
		0.6680E+01	0.5428E-05		
		0.6965E+01	0.5450E-05		
		0.7249E+01	0.5463E-05		
		0.7534E+01	0.5468E-05		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2514E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1643E-02		
		0.9159E+00	-0.1301E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.7910E-03		
		0.1800E+01	-0.6013E-03		
		0.3426E+01	-0.9289E-04		
		0.5053E+01	-0.7249E-05		
		0.6680E+01	0.3046E-05		
		0.6965E+01	0.3058E-05		
		0.7249E+01	0.3066E-05		
		0.7534E+01	0.3069E-05		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1636E-03		
		0.9159E+00	-0.1368E-03		
		0.1211E+01	-0.1124E-03		
		0.1505E+01	-0.9023E-04		
		0.1800E+01	-0.7078E-04		
		0.3426E+01	-0.1217E-04		
		0.5053E+01	-0.9907E-06		
		0.6680E+01	0.1674E-05		
		0.6965E+01	0.1680E-05		
		0.7249E+01	0.1684E-05		
		0.7534E+01	0.1686E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02		
		0.3063E+00	-0.7983E-02		
		0.6111E+00	-0.6398E-02		
		0.9159E+00	-0.5063E-02		
		0.1211E+01	-0.3984E-02		
		0.1505E+01	-0.3089E-02		
		0.1800E+01	-0.2359E-02		
		0.3426E+01	-0.3839E-03		
		0.5053E+01	-0.3297E-04		
		0.6680E+01	0.1588E-04		
		0.6965E+01	0.1594E-04		
		0.7249E+01	0.1598E-04		
		0.7534E+01	0.1599E-04		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.5600E-02		
		0.3063E+00	-0.4547E-02		
		0.6111E+00	-0.3651E-02		
		0.9159E+00	-0.2894E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1771E-02		
		0.1800E+01	-0.1353E-02		
		0.3426E+01	-0.2212E-03		
		0.5053E+01	-0.1905E-04		
		0.6680E+01	0.9402E-05		
		0.6965E+01	0.9438E-05		
		0.7249E+01	0.9459E-05		
		0.7534E+01	0.9467E-05		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2053E-02		
		0.6111E+00	-0.1655E-02		
		0.9159E+00	-0.1317E-02		
		0.1211E+01	-0.1041E-02		
		0.1505E+01	-0.8107E-03		
		0.1800E+01	-0.6212E-03		
		0.3426E+01	-0.1025E-03		
		0.5053E+01	-0.8864E-05		
		0.6680E+01	0.5456E-05		
		0.6965E+01	0.5477E-05		
		0.7249E+01	0.5489E-05		
		0.7534E+01	0.5494E-05		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1919E-03		
		0.6111E+00	-0.1655E-03		
		0.9159E+00	-0.1392E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9317E-04		
		0.1800E+01	-0.7375E-04		
		0.3426E+01	-0.1360E-04		
		0.5053E+01	-0.1223E-05		
		0.6680E+01	0.3104E-05		
		0.6965E+01	0.3115E-05		
		0.7249E+01	0.3122E-05		
		0.7534E+01	0.3125E-05		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
^.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8010E-02		
		0.6111E+00	-0.6440E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.4046E-02		
		0.1505E+01	-0.3157E-02		
		0.1800E+01	-0.2427E-02		
		0.3426E+01	-0.4189E-03		
		0.5053E+01	-0.3943E-04		
		0.6680E+01	0.2547E-04		
		0.6965E+01	0.2555E-04		
		0.7249E+01	0.2561E-04		
		0.7534E+01	0.2563E-04		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4563E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1393E-02		
		0.3426E+01	-0.2415E-03		
		0.5053E+01	-0.2280E-04		
		0.6680E+01	0.1552E-04		
		0.6965E+01	0.1558E-04		
		0.7249E+01	0.1561E-04		
		0.7534E+01	0.1562E-04		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1332E-02		
		0.1211E+01	-0.1058E-02		
		0.1505E+01	-0.8290E-03		
		0.1800E+01	-0.6397E-03		
		0.3426E+01	-0.1120E-03		
		0.5053E+01	-0.1062E-04		
		0.6680E+01	0.9284E-05		
		0.6965E+01	0.9317E-05		
		0.7249E+01	0.9337E-05		
		0.7534E+01	0.9344E-05		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1930E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9595E-04		
		0.1800E+01	-0.7657E-04		
		0.3426E+01	-0.1505E-04		
		0.5053E+01	-0.1471E-05		
		0.6680E+01	0.5450E-05		
		0.6965E+01	0.5469E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.7249E+01	0.5480E-05		
		0.7534E+01	0.5484E-05		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8035E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5166E-02		
		0.1211E+01	-0.4103E-02		
		0.1505E+01	-0.3218E-02		
		0.1800E+01	-0.2490E-02		
		0.3426E+01	-0.4534E-03		
		0.5053E+01	-0.4631E-04		
		0.6680E+01	0.3926E-04		
		0.6965E+01	0.3938E-04		
		0.7249E+01	0.3946E-04		
		0.7534E+01	0.3949E-04		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3697E-02		
		0.9159E+00	-0.2954E-02		
		0.1211E+01	-0.2350E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1430E-02		
		0.3426E+01	-0.2615E-03		
		0.5053E+01	-0.2679E-04		
		0.6680E+01	0.2457E-04		
		0.6965E+01	0.2465E-04		
		0.7249E+01	0.2470E-04		
		0.7534E+01	0.2472E-04		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1345E-02		
		0.1211E+01	-0.1074E-02		
		0.1505E+01	-0.8459E-03		
		0.1800E+01	-0.6570E-03		
		0.3426E+01	-0.1214E-03		
		0.5053E+01	-0.1248E-04		
		0.6680E+01	0.1511E-04		
		0.6965E+01	0.1516E-04		
		0.7249E+01	0.1519E-04		
		0.7534E+01	0.1520E-04		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1436E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7924E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3426E+01	-0.1651E-04		
		0.5053E+01	-0.1725E-05		
		0.6680E+01	0.9123E-05		
		0.6965E+01	0.9154E-05		
		0.7249E+01	0.9172E-05		
		0.7534E+01	0.9179E-05		
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9881E-02		
		0.3063E+00	-0.8057E-02		
		0.6111E+00	-0.6513E-02		
		0.9159E+00	-0.5212E-02		
		0.1211E+01	-0.4156E-02		
		0.1505E+01	-0.3276E-02		
		0.1800E+01	-0.2549E-02		
		0.3426E+01	-0.4872E-03		
		0.5053E+01	-0.5349E-04		
		0.6680E+01	0.5846E-04		
		0.6965E+01	0.5864E-04		
		0.7249E+01	0.5875E-04		
		0.7534E+01	0.5880E-04		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2980E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1879E-02		
		0.1800E+01	-0.1464E-02		
		0.3426E+01	-0.2812E-03		
		0.5053E+01	-0.3096E-04		
		0.6680E+01	0.3748E-04		
		0.6965E+01	0.3760E-04		
		0.7249E+01	0.3767E-04		
		0.7534E+01	0.3770E-04		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1687E-02		
		0.9159E+00	-0.1358E-02		
		0.1211E+01	-0.1088E-02		
		0.1505E+01	-0.8615E-03		
		0.1800E+01	-0.6731E-03		
		0.3426E+01	-0.1307E-03		
		0.5053E+01	-0.1441E-04		
		0.6680E+01	0.2363E-04		
		0.6965E+01	0.2371E-04		
		0.7249E+01	0.2375E-04		
		0.7534E+01	0.2377E-04		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		

		0.9159E+00	-0.1455E-03		
		0.1211E+01	-0.1224E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8178E-04		
		0.3426E+01	-0.1797E-04		
		0.5053E+01	-0.1967E-05		
		0.6680E+01	0.1465E-04		
		0.6965E+01	0.1470E-04		
		0.7249E+01	0.1472E-04		
		0.7534E+01	0.1473E-04		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8078E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4204E-02		
		0.1505E+01	-0.3328E-02		
		0.1800E+01	-0.2603E-02		
		0.3426E+01	-0.5203E-03		
		0.5053E+01	-0.6085E-04		
		0.6680E+01	0.8445E-04		
		0.6965E+01	0.8470E-04		
		0.7249E+01	0.8486E-04		
		0.7534E+01	0.8491E-04		
.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4602E-02		
		0.6111E+00	-0.3736E-02		
		0.9159E+00	-0.3004E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1909E-02		
		0.1800E+01	-0.1495E-02		
		0.3426E+01	-0.3004E-03		
		0.5053E+01	-0.3521E-04		
		0.6680E+01	0.5535E-04		
		0.6965E+01	0.5552E-04		
		0.7249E+01	0.5562E-04		
		0.7534E+01	0.5566E-04		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1101E-02		
		0.1505E+01	-0.8760E-03		
		0.1800E+01	-0.6881E-03		
		0.3426E+01	-0.1398E-03		
		0.5053E+01	-0.1637E-04		
		0.6680E+01	0.3571E-04		
		0.6965E+01	0.3582E-04		
		0.7249E+01	0.3588E-04		
		0.7534E+01	0.3591E-04		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1474E-03		
		0.1211E+01	-0.1246E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8419E-04		
		0.3426E+01	-0.1943E-04		
		0.5053E+01	-0.2171E-05		
		0.6680E+01	0.2267E-04		
		0.6965E+01	0.2274E-04		
		0.7249E+01	0.2278E-04		
		0.7534E+01	0.2280E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8097E-02		
		0.6111E+00	-0.6574E-02		
		0.9159E+00	-0.5291E-02		
		0.1211E+01	-0.4249E-02		
		0.1505E+01	-0.3377E-02		
		0.1800E+01	-0.2654E-02		
		0.3426E+01	-0.5524E-03		
		0.5053E+01	-0.6821E-04		
		0.6680E+01	0.1187E-03		
		0.6965E+01	0.1191E-03		
		0.7249E+01	0.1193E-03		
		0.7534E+01	0.1194E-03		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5626E-02		
		0.3063E+00	-0.4613E-02		
		0.6111E+00	-0.3753E-02		
		0.9159E+00	-0.3026E-02		
		0.1211E+01	-0.2434E-02		
		0.1505E+01	-0.1938E-02		
		0.1800E+01	-0.1525E-02		
		0.3426E+01	-0.3191E-03		
		0.5053E+01	-0.3945E-04		
		0.6680E+01	0.7942E-04		
		0.6965E+01	0.7965E-04		
		0.7249E+01	0.7979E-04		
		0.7534E+01	0.7984E-04		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2529E-02		
		0.3063E+00	-0.2084E-02		
		0.6111E+00	-0.1704E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1114E-02		
		0.1505E+01	-0.8895E-03		
		0.1800E+01	-0.7021E-03		
		0.3426E+01	-0.1486E-03		
		0.5053E+01	-0.1827E-04		
		0.6680E+01	0.5232E-04		

		0.6965E+01	0.5248E-04		
		0.7249E+01	0.5257E-04		
		0.7534E+01	0.5261E-04		
)1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1731E-03		
		0.9159E+00	-0.1491E-03		
		0.1211E+01	-0.1266E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8648E-04		
		0.3426E+01	-0.2088E-04		
		0.5053E+01	-0.2301E-05		
		0.6680E+01	0.3395E-04		
		0.6965E+01	0.3405E-04		
		0.7249E+01	0.3411E-04		
		0.7534E+01	0.3414E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6596E-02		
		0.9159E+00	-0.5319E-02		
		0.1211E+01	-0.4282E-02		
		0.1505E+01	-0.3414E-02		
		0.1800E+01	-0.2692E-02		
		0.3426E+01	-0.5775E-03		
		0.5053E+01	-0.7398E-04		
		0.6680E+01	0.1533E-03		
		0.6965E+01	0.1537E-03		
		0.7249E+01	0.1539E-03		
		0.7534E+01	0.1540E-03		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3766E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2454E-02		
		0.1505E+01	-0.1959E-02		
		0.1800E+01	-0.1547E-02		
		0.3426E+01	-0.3338E-03		
		0.5053E+01	-0.4274E-04		
		0.6680E+01	0.1041E-03		
		0.6965E+01	0.1043E-03		
		0.7249E+01	0.1045E-03		
		0.7534E+01	0.1046E-03		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1710E-02		
		0.9159E+00	-0.1387E-02		
		0.1211E+01	-0.1123E-02		
		0.1505E+01	-0.8996E-03		

		0.1800E+01	-0.7126E-03		
		0.3426E+01	-0.1556E-03		
		0.5053E+01	-0.1971E-04		
		0.6680E+01	0.6963E-04		
		0.6965E+01	0.6983E-04		
		0.7249E+01	0.6995E-04		
		0.7534E+01	0.7000E-04		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1974E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1281E-03		
		0.1505E+01	-0.1072E-03		
		0.1800E+01	-0.8824E-04		
		0.3426E+01	-0.2202E-04		
		0.5053E+01	-0.2320E-05		
		0.6680E+01	0.4593E-04		
		0.6965E+01	0.4606E-04		
		0.7249E+01	0.4614E-04		
		0.7534E+01	0.4617E-04		

N O T I C E

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*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -         9:37:54           *
*           EXECUTION TIME     0: 1: 2           *
*                                                *
*                                                *
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CLR17

Lower Radnor Till Sand
Porosity = 0.52
(Site Maximum)

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*************************************************************
*                                                           *
*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                   RUN DATE -   17-11- 8                   *
*                   TIME     -    9:18: 6                   *
*                                                           *
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*****************************************************************************
 Clinton LF No. 3 (CWU) CLR17 (LRTS 0.52)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
========================

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.520	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.520	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.520	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2041E-07		
		0.3820E+01	-0.3180E-18		
		0.5840E+01	-0.2230E-23		
		0.7860E+01	-0.9362E-35		
		0.8145E+01	-0.5282E-34		
		0.8429E+01	-0.6405E-34		
		0.8714E+01	-0.6570E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1160E-07		
		0.3820E+01	-0.1711E-18		
		0.5840E+01	-0.1270E-23		
		0.7860E+01	-0.3749E-34		
		0.8145E+01	-0.6023E-34		
		0.8429E+01	-0.6539E-34		
		0.8714E+01	-0.6592E-34		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5209E-08		
		0.3820E+01	-0.6657E-19		
		0.5840E+01	-0.5735E-24		
		0.7860E+01	-0.2956E-34		
		0.8145E+01	-0.3874E-34		
		0.8429E+01	-0.4034E-34		
		0.8714E+01	-0.4035E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4439E-09		
		0.3820E+01	0.1047E-19		
		0.5840E+01	-0.5363E-25		
		0.7860E+01	-0.2379E-34		
		0.8145E+01	-0.2262E-34		
		0.8429E+01	-0.2147E-34		
		0.8714E+01	-0.2105E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4058E-04		
		0.1800E+01	-0.6986E-05		
		0.3820E+01	-0.3643E-13		
		0.5840E+01	0.1296E-17		
		0.7860E+01	-0.1640E-24		
		0.8145E+01	0.3984E-25		
		0.8429E+01	0.1420E-24		
		0.8714E+01	0.1730E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2308E-04		
		0.1800E+01	-0.3973E-05		
		0.3820E+01	-0.2073E-13		
		0.5840E+01	0.7364E-18		
		0.7860E+01	-0.2826E-24		
		0.8145E+01	-0.1652E-24		
		0.8429E+01	-0.1054E-24		
		0.8714E+01	-0.8720E-25		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1788E-05		
		0.3820E+01	-0.9337E-14		
		0.5840E+01	0.3306E-18		
		0.7860E+01	-0.1706E-24		
		0.8145E+01	-0.1159E-24		
		0.8429E+01	-0.8718E-25		
		0.8714E+01	-0.7825E-25		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9126E-06		
		0.1800E+01	-0.1576E-06		
		0.3820E+01	-0.8377E-15		
		0.5840E+01	0.2801E-19		
		0.7860E+01	-0.4129E-25		
		0.8145E+01	-0.3322E-25		
		0.8429E+01	-0.2757E-25		
		0.8714E+01	-0.2559E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5285E-03		
		0.1505E+01	-0.1831E-03		
		0.1800E+01	-0.5399E-04		
		0.3820E+01	-0.1311E-09		
		0.5840E+01	0.1274E-15		
		0.7860E+01	-0.1104E-19		
		0.8145E+01	-0.1030E-19		
		0.8429E+01	-0.9939E-20		

		0.8714E+01	-0.9833E-20		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3007E-03		
		0.1505E+01	-0.1042E-03		
		0.1800E+01	-0.3073E-04		
		0.3820E+01	-0.7464E-10		
		0.5840E+01	0.7225E-16		
		0.7860E+01	0.3649E-20		
		0.8145E+01	0.4148E-20		
		0.8429E+01	0.4402E-20		
		0.8714E+01	0.4480E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4694E-04		
		0.1800E+01	-0.1385E-04		
		0.3820E+01	-0.3367E-10		
		0.5840E+01	0.3231E-16		
		0.7860E+01	0.2303E-20		
		0.8145E+01	0.2545E-20		
		0.8429E+01	0.2674E-20		
		0.8714E+01	0.2715E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4241E-05		
		0.1800E+01	-0.1258E-05		
		0.3820E+01	-0.3099E-11		
		0.5840E+01	0.2545E-17		
		0.7860E+01	0.8303E-21		
		0.8145E+01	0.8684E-21		
		0.8429E+01	0.8950E-21		
		0.8714E+01	0.9043E-21		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9206E-03		
		0.1505E+01	-0.4014E-03		
		0.1800E+01	-0.1555E-03		
		0.3820E+01	-0.8083E-08		

		0.5840E+01	-0.2385E-14		
		0.7860E+01	0.6122E-17		
		0.8145E+01	0.6172E-17		
		0.8429E+01	0.6200E-17		
		0.8714E+01	0.6210E-17		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5241E-03		
		0.1505E+01	-0.2285E-03		
		0.1800E+01	-0.8859E-04		
		0.3820E+01	-0.4606E-08		
		0.5840E+01	-0.1361E-14		
		0.7860E+01	0.6288E-18		
		0.8145E+01	0.6517E-18		
		0.8429E+01	0.6642E-18		
		0.8714E+01	0.6682E-18		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4833E-03		
		0.1211E+01	-0.2364E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.3999E-04		
		0.3820E+01	-0.2082E-08		
		0.5840E+01	-0.6169E-15		
		0.7860E+01	-0.7866E-18		
		0.8145E+01	-0.7810E-18		
		0.8429E+01	-0.7781E-18		
		0.8714E+01	-0.7772E-18		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4378E-04		
		0.1211E+01	-0.2168E-04		
		0.1505E+01	-0.9548E-05		
		0.1800E+01	-0.3728E-05		
		0.3820E+01	-0.1981E-09		
		0.5840E+01	-0.6161E-16		
		0.7860E+01	-0.5267E-18		
		0.8145E+01	-0.5281E-18		
		0.8429E+01	-0.5287E-18		
		0.8714E+01	-0.5290E-18		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.1211E+01	-0.1300E-02		
		0.1505E+01	-0.6521E-03		
		0.1800E+01	-0.2982E-03		
		0.3820E+01	-0.9831E-07		
		0.5840E+01	-0.2421E-12		
		0.7860E+01	-0.1729E-15		
		0.8145E+01	-0.1740E-15		
		0.8429E+01	-0.1746E-15		
		0.8714E+01	-0.1748E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7405E-03		
		0.1505E+01	-0.3715E-03		
		0.1800E+01	-0.1700E-03		
		0.3820E+01	-0.5607E-07		
		0.5840E+01	-0.1381E-12		
		0.7860E+01	-0.3603E-16		
		0.8145E+01	-0.3666E-16		
		0.8429E+01	-0.3701E-16		
		0.8714E+01	-0.3712E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6091E-03		
		0.1211E+01	-0.3344E-03		
		0.1505E+01	-0.1679E-03		
		0.1800E+01	-0.7684E-04		
		0.3820E+01	-0.2539E-07		
		0.5840E+01	-0.6257E-13		
		0.7860E+01	0.2521E-16		
		0.8145E+01	0.2504E-16		
		0.8429E+01	0.2494E-16		
		0.8714E+01	0.2491E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9336E-04		
		0.9159E+00	-0.5608E-04		
		0.1211E+01	-0.3127E-04		
		0.1505E+01	-0.1588E-04		
		0.1800E+01	-0.7336E-05		
		0.3820E+01	-0.2492E-08		
		0.5840E+01	-0.6187E-14		
		0.7860E+01	0.2515E-16		
		0.8145E+01	0.2520E-16		
		0.8429E+01	0.2522E-16		
		0.8714E+01	0.2523E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.9079E-03		
		0.1800E+01	-0.4641E-03		
		0.3820E+01	-0.5269E-06		
		0.5840E+01	-0.1066E-10		
		0.7860E+01	0.1289E-14		
		0.8145E+01	0.1296E-14		
		0.8429E+01	0.1300E-14		
		0.8714E+01	0.1301E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1583E-02		
		0.1211E+01	-0.9385E-03		
		0.1505E+01	-0.5175E-03		
		0.1800E+01	-0.2647E-03		
		0.3820E+01	-0.3007E-06		
		0.5840E+01	-0.6088E-11		
		0.7860E+01	-0.4829E-17		
		0.8145E+01	-0.1049E-17		
		0.8429E+01	0.1141E-17		
		0.8714E+01	0.1858E-17		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7146E-03		
		0.1211E+01	-0.4242E-03		
		0.1505E+01	-0.2341E-03		
		0.1800E+01	-0.1198E-03		
		0.3820E+01	-0.1364E-06		
		0.5840E+01	-0.2764E-11		
		0.7860E+01	-0.4776E-15		
		0.8145E+01	-0.4772E-15		
		0.8429E+01	-0.4771E-15		
		0.8714E+01	-0.4771E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6677E-04		
		0.1211E+01	-0.4036E-04		
		0.1505E+01	-0.2260E-04		
		0.1800E+01	-0.1169E-04		
		0.3820E+01	-0.1378E-07		
		0.5840E+01	-0.2820E-12		
		0.7860E+01	-0.3469E-15		
		0.8145E+01	-0.3480E-15		
		0.8429E+01	-0.3486E-15		
		0.8714E+01	-0.3488E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1155E-02		
		0.1800E+01	-0.6395E-03		
		0.3820E+01	-0.1761E-05		
		0.5840E+01	-0.1578E-09		
		0.7860E+01	-0.3996E-15		
		0.8145E+01	-0.4154E-15		
		0.8429E+01	-0.4257E-15		
		0.8714E+01	-0.4292E-15		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.6585E-03		
		0.1800E+01	-0.3648E-03		
		0.3820E+01	-0.1006E-05		
		0.5840E+01	-0.9018E-10		
		0.7860E+01	0.4034E-14		
		0.8145E+01	0.4036E-14		
		0.8429E+01	0.4037E-14		
		0.8714E+01	0.4037E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8035E-03		
		0.1211E+01	-0.5047E-03		
		0.1505E+01	-0.2982E-03		
		0.1800E+01	-0.1654E-03		
		0.3820E+01	-0.4572E-06		
		0.5840E+01	-0.4102E-10		
		0.7860E+01	0.3549E-14		
		0.8145E+01	0.3560E-14		
		0.8429E+01	0.3567E-14		
		0.8714E+01	0.3569E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7607E-04		
		0.1211E+01	-0.4879E-04		
		0.1505E+01	-0.2931E-04		
		0.1800E+01	-0.1646E-04		
		0.3820E+01	-0.4745E-07		
		0.5840E+01	-0.4312E-11		
		0.7860E+01	0.1209E-14		
		0.8145E+01	0.1218E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.1223E-14		
		0.8714E+01	0.1225E-14		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3411E-02		
		0.1211E+01	-0.2231E-02		
		0.1505E+01	-0.1386E-02		
		0.1800E+01	-0.8153E-03		
		0.3820E+01	-0.4371E-05		
		0.5840E+01	-0.1198E-08		
		0.7860E+01	-0.2361E-13		
		0.8145E+01	-0.2349E-13		
		0.8429E+01	-0.2343E-13		
		0.8714E+01	-0.2342E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1272E-02		
		0.1505E+01	-0.7908E-03		
		0.1800E+01	-0.4654E-03		
		0.3820E+01	-0.2498E-05		
		0.5840E+01	-0.6852E-09		
		0.7860E+01	-0.1690E-13		
		0.8145E+01	-0.1688E-13		
		0.8429E+01	-0.1687E-13		
		0.8714E+01	-0.1687E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8790E-03		
		0.1211E+01	-0.5762E-03		
		0.1505E+01	-0.3585E-03		
		0.1800E+01	-0.2112E-03		
		0.3820E+01	-0.1138E-05		
		0.5840E+01	-0.3123E-09		
		0.7860E+01	-0.3194E-14		
		0.8145E+01	-0.3201E-14		
		0.8429E+01	-0.3208E-14		
		0.8714E+01	-0.3211E-14		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1200E-03		
		0.9159E+00	-0.8423E-04		
		0.1211E+01	-0.5652E-04		
		0.1505E+01	-0.3582E-04		
		0.1800E+01	-0.2142E-04		

		0.3820E+01	-0.1211E-06		
		0.5840E+01	-0.3377E-10		
		0.7860E+01	0.5663E-14		
		0.8145E+01	0.5656E-14		
		0.8429E+01	0.5653E-14		
		0.8714E+01	0.5652E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7209E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3658E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1599E-02		
		0.1800E+01	-0.9863E-03		
		0.3820E+01	-0.8885E-05		
		0.5840E+01	-0.5817E-08		
		0.7860E+01	0.3416E-13		
		0.8145E+01	0.3667E-13		
		0.8429E+01	0.3794E-13		
		0.8714E+01	0.3833E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2987E-02		
		0.9159E+00	-0.2085E-02		
		0.1211E+01	-0.1411E-02		
		0.1505E+01	-0.9130E-03		
		0.1800E+01	-0.5633E-03		
		0.3820E+01	-0.5083E-05		
		0.5840E+01	-0.3330E-08		
		0.7860E+01	-0.2052E-13		
		0.8145E+01	-0.1911E-13		
		0.8429E+01	-0.1840E-13		
		0.8714E+01	-0.1818E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1349E-02		
		0.9159E+00	-0.9437E-03		
		0.1211E+01	-0.6397E-03		
		0.1505E+01	-0.4144E-03		
		0.1800E+01	-0.2559E-03		
		0.3820E+01	-0.2318E-05		
		0.5840E+01	-0.1521E-08		
		0.7860E+01	-0.3813E-13		
		0.8145E+01	-0.3754E-13		
		0.8429E+01	-0.3724E-13		
		0.8714E+01	-0.3715E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1263E-03		

		0.9159E+00	-0.9143E-04		
		0.1211E+01	-0.6360E-04		
		0.1505E+01	-0.4205E-04		
		0.1800E+01	-0.2640E-04		
		0.3820E+01	-0.2529E-06		
		0.5840E+01	-0.1689E-09		
		0.7860E+01	-0.2691E-13		
		0.8145E+01	-0.2690E-13		
		0.8429E+01	-0.2689E-13		
		0.8714E+01	-0.2689E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5427E-02		
		0.9159E+00	-0.3871E-02		
		0.1211E+01	-0.2689E-02		
		0.1505E+01	-0.1795E-02		
		0.1800E+01	-0.1149E-02		
		0.3820E+01	-0.1569E-04		
		0.5840E+01	-0.2062E-07		
		0.7860E+01	0.3158E-12		
		0.8145E+01	0.3364E-12		
		0.8429E+01	0.3467E-12		
		0.8714E+01	0.3499E-12		
.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2207E-02		
		0.1211E+01	-0.1535E-02		
		0.1505E+01	-0.1025E-02		
		0.1800E+01	-0.6568E-03		
		0.3820E+01	-0.8983E-05		
		0.5840E+01	-0.1181E-07		
		0.7860E+01	0.1181E-12		
		0.8145E+01	0.1297E-12		
		0.8429E+01	0.1357E-12		
		0.8714E+01	0.1375E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.9995E-03		
		0.1211E+01	-0.6961E-03		
		0.1505E+01	-0.4657E-03		
		0.1800E+01	-0.2987E-03		
		0.3820E+01	-0.4104E-05		
		0.5840E+01	-0.5406E-08		
		0.7860E+01	0.1812E-13		
		0.8145E+01	0.2363E-13		
		0.8429E+01	0.2651E-13		
		0.8714E+01	0.2741E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1695E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9784E-04		
		0.1211E+01	-0.7006E-04		
		0.1505E+01	-0.4794E-04		
		0.1800E+01	-0.3131E-04		
		0.3820E+01	-0.4580E-06		
		0.5840E+01	-0.6159E-09		
		0.7860E+01	-0.3901E-13		
		0.8145E+01	-0.3815E-13		
		0.8429E+01	-0.3756E-13		
		0.8714E+01	-0.3736E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.4056E-02		
		0.1211E+01	-0.2879E-02		
		0.1505E+01	-0.1974E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.2500E-04		
		0.5840E+01	-0.5814E-07		
		0.7860E+01	0.2464E-11		
		0.8145E+01	0.2587E-11		
		0.8429E+01	0.2649E-11		
		0.8714E+01	0.2669E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4236E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1644E-02		
		0.1505E+01	-0.1128E-02		
		0.1800E+01	-0.7451E-03		
		0.3820E+01	-0.1432E-04		
		0.5840E+01	-0.3333E-07		
		0.7860E+01	0.6737E-12		
		0.8145E+01	0.7408E-12		
		0.8429E+01	0.7748E-12		
		0.8714E+01	0.7853E-12		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7463E-03		
		0.1505E+01	-0.5127E-03		
		0.1800E+01	-0.3392E-03		
		0.3820E+01	-0.6554E-05		
		0.5840E+01	-0.1528E-07		
		0.7860E+01	0.2586E-12		

		0.8145E+01	0.2895E-12		
		0.8429E+01	0.3057E-12		
		0.8714E+01	0.3107E-12		
5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1367E-03		
		0.9159E+00	-0.1036E-03		
		0.1211E+01	-0.7599E-04		
		0.1505E+01	-0.5348E-04		
		0.1800E+01	-0.3609E-04		
		0.3820E+01	-0.7474E-06		
		0.5840E+01	-0.1784E-08		
		0.7860E+01	0.1209E-12		
		0.8145E+01	0.1259E-12		
		0.8429E+01	0.1293E-12		
		0.8714E+01	0.1305E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5718E-02		
		0.9159E+00	-0.4217E-02		
		0.1211E+01	-0.3049E-02		
		0.1505E+01	-0.2136E-02		
		0.1800E+01	-0.1448E-02		
		0.3820E+01	-0.3686E-04		
		0.5840E+01	-0.1379E-06		
		0.7860E+01	0.1966E-10		
		0.8145E+01	0.2023E-10		
		0.8429E+01	0.2052E-10		
		0.8714E+01	0.2061E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2406E-02		
		0.1211E+01	-0.1741E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.8279E-03		
		0.3820E+01	-0.2113E-04		
		0.5840E+01	-0.7914E-07		
		0.7860E+01	0.5228E-11		
		0.8145E+01	0.5528E-11		
		0.8429E+01	0.5681E-11		
		0.8714E+01	0.5728E-11		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.7911E-03		
		0.1505E+01	-0.5556E-03		

		0.1800E+01	-0.3773E-03		
		0.3820E+01	-0.9686E-05		
		0.5840E+01	-0.3634E-07		
		0.7860E+01	0.1428E-11		
		0.8145E+01	0.1562E-11		
		0.8429E+01	0.1633E-11		
		0.8714E+01	0.1655E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1410E-03		
		0.9159E+00	-0.1087E-03		
		0.1211E+01	-0.8142E-04		
		0.1505E+01	-0.5869E-04		
		0.1800E+01	-0.4071E-04		
		0.3820E+01	-0.1127E-05		
		0.5840E+01	-0.4342E-08		
		0.7860E+01	0.5927E-12		
		0.8145E+01	0.6138E-12		
		0.8429E+01	0.6282E-12		
		0.8714E+01	0.6333E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9707E-02		
		0.3063E+00	-0.7613E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4359E-02		
		0.1211E+01	-0.3201E-02		
		0.1505E+01	-0.2284E-02		
		0.1800E+01	-0.1582E-02		
		0.3820E+01	-0.5119E-04		
		0.5840E+01	-0.2864E-06		
		0.7860E+01	0.1165E-09		
		0.8145E+01	0.1186E-09		
		0.8429E+01	0.1197E-09		
		0.8714E+01	0.1201E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4334E-02		
		0.6111E+00	-0.3326E-02		
		0.9159E+00	-0.2488E-02		
		0.1211E+01	-0.1828E-02		
		0.1505E+01	-0.1306E-02		
		0.1800E+01	-0.9051E-03		
		0.3820E+01	-0.2937E-04		
		0.5840E+01	-0.1645E-06		
		0.7860E+01	0.3546E-10		
		0.8145E+01	0.3655E-10		
		0.8429E+01	0.3711E-10		
		0.8714E+01	0.3729E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2478E-02		
		0.3063E+00	-0.1954E-02		

		0.6111E+00	-0.1505E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.8312E-03		
		0.1505E+01	-0.5948E-03		
		0.1800E+01	-0.4129E-03		
		0.3820E+01	-0.1348E-04		
		0.5840E+01	-0.7566E-07		
		0.7860E+01	0.1022E-10		
		0.8145E+01	0.1070E-10		
		0.8429E+01	0.1096E-10		
		0.8714E+01	0.1104E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1784E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.8641E-04		
		0.1505E+01	-0.6357E-04		
		0.1800E+01	-0.4514E-04		
		0.3820E+01	-0.1600E-05		
		0.5840E+01	-0.9244E-08		
		0.7860E+01	0.3184E-11		
		0.8145E+01	0.3265E-11		
		0.8429E+01	0.3319E-11		
		0.8714E+01	0.3338E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7681E-02		
		0.6111E+00	-0.5938E-02		
		0.9159E+00	-0.4484E-02		
		0.1211E+01	-0.3337E-02		
		0.1505E+01	-0.2419E-02		
		0.1800E+01	-0.1707E-02		
		0.3820E+01	-0.6780E-04		
		0.5840E+01	-0.5354E-06		
		0.7860E+01	0.5321E-09		
		0.8145E+01	0.5387E-09		
		0.8429E+01	0.5423E-09		
		0.8714E+01	0.5434E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2560E-02		
		0.1211E+01	-0.1907E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.9769E-03		
		0.3820E+01	-0.3892E-04		
		0.5840E+01	-0.3078E-06		
		0.7860E+01	0.1813E-09		
		0.8145E+01	0.1847E-09		
		0.8429E+01	0.1865E-09		
		0.8714E+01	0.1871E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1972E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1162E-02		
		0.1211E+01	-0.8673E-03		
		0.1505E+01	-0.6307E-03		
		0.1800E+01	-0.4460E-03		
		0.3820E+01	-0.1789E-04		
		0.5840E+01	-0.1418E-06		
		0.7860E+01	0.5908E-10		
		0.8145E+01	0.6057E-10		
		0.8429E+01	0.6137E-10		
		0.8714E+01	0.6163E-10		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1807E-03		
		0.6111E+00	-0.1484E-03		
		0.9159E+00	-0.1177E-03		
		0.1211E+01	-0.9102E-04		
		0.1505E+01	-0.6815E-04		
		0.1800E+01	-0.4937E-04		
		0.3820E+01	-0.2164E-05		
		0.5840E+01	-0.1770E-07		
		0.7860E+01	0.1907E-10		
		0.8145E+01	0.1934E-10		
		0.8429E+01	0.1953E-10		
		0.8714E+01	0.1959E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6028E-02		
		0.9159E+00	-0.4596E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2542E-02		
		0.1800E+01	-0.1822E-02		
		0.3820E+01	-0.8645E-04		
		0.5840E+01	-0.9204E-06		
		0.7860E+01	0.1985E-08		
		0.8145E+01	0.2003E-08		
		0.8429E+01	0.2013E-08		
		0.8714E+01	0.2016E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2624E-02		
		0.1211E+01	-0.1977E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.1044E-02		
		0.3820E+01	-0.4966E-04		
		0.5840E+01	-0.5294E-06		

		0.7860E+01	0.7389E-09		
		0.8145E+01	0.7481E-09		
		0.8429E+01	0.7531E-09		
		0.8714E+01	0.7547E-09		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1556E-02		
		0.9159E+00	-0.1191E-02		
		0.1211E+01	-0.8998E-03		
		0.1505E+01	-0.6635E-03		
		0.1800E+01	-0.4769E-03		
		0.3820E+01	-0.2286E-04		
		0.5840E+01	-0.2444E-06		
		0.7860E+01	0.2655E-09		
		0.8145E+01	0.2696E-09		
		0.8429E+01	0.2718E-09		
		0.8714E+01	0.2725E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1515E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9528E-04		
		0.1505E+01	-0.7243E-04		
		0.1800E+01	-0.5341E-04		
		0.3820E+01	-0.2814E-05		
		0.5840E+01	-0.3114E-07		
		0.7860E+01	0.9343E-10		
		0.8145E+01	0.9429E-10		
		0.8429E+01	0.9485E-10		
		0.8714E+01	0.9504E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.1211E+01	-0.3569E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1930E-02		
		0.3820E+01	-0.1069E-03		
		0.5840E+01	-0.1477E-05		
		0.7860E+01	0.6299E-08		
		0.8145E+01	0.6345E-08		
		0.8429E+01	0.6371E-08		
		0.8714E+01	0.6379E-08		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2681E-02		
		0.1211E+01	-0.2040E-02		

		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1105E-02		
		0.3820E+01	-0.6143E-04		
		0.5840E+01	-0.8505E-06		
		0.7860E+01	0.2522E-08		
		0.8145E+01	0.2545E-08		
		0.8429E+01	0.2558E-08		
		0.8714E+01	0.2562E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1218E-02		
		0.1211E+01	-0.9292E-03		
		0.1505E+01	-0.6935E-03		
		0.1800E+01	-0.5055E-03		
		0.3820E+01	-0.2832E-04		
		0.5840E+01	-0.3933E-06		
		0.7860E+01	0.9795E-09		
		0.8145E+01	0.9898E-09		
		0.8429E+01	0.9954E-09		
		0.8714E+01	0.9973E-09		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1544E-03		
		0.9159E+00	-0.1251E-03		
		0.1211E+01	-0.9922E-04		
		0.1505E+01	-0.7646E-04		
		0.1800E+01	-0.5725E-04		
		0.3820E+01	-0.3545E-05		
		0.5840E+01	-0.5109E-07		
		0.7860E+01	0.3720E-09		
		0.8145E+01	0.3745E-09		
		0.8429E+01	0.3761E-09		
		0.8714E+01	0.3766E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4785E-02		
		0.1211E+01	-0.3668E-02		
		0.1505E+01	-0.2757E-02		
		0.1800E+01	-0.2029E-02		
		0.3820E+01	-0.1288E-03		
		0.5840E+01	-0.2241E-05		
		0.7860E+01	0.1752E-07		
		0.8145E+01	0.1763E-07		
		0.8429E+01	0.1769E-07		
		0.8714E+01	0.1771E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3524E-02		
		0.9159E+00	-0.2733E-02		
		0.1211E+01	-0.2098E-02		
		0.1505E+01	-0.1578E-02		
		0.1800E+01	-0.1163E-02		
		0.3820E+01	-0.7406E-04		
		0.5840E+01	-0.1291E-05		
		0.7860E+01	0.7466E-08		
		0.8145E+01	0.7519E-08		
		0.8429E+01	0.7549E-08		
		0.8714E+01	0.7559E-08		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1242E-02		
		0.1211E+01	-0.9559E-03		
		0.1505E+01	-0.7210E-03		
		0.1800E+01	-0.5322E-03		
		0.3820E+01	-0.3419E-04		
		0.5840E+01	-0.5980E-06		
		0.7860E+01	0.3094E-08		
		0.8145E+01	0.3118E-08		
		0.8429E+01	0.3132E-08		
		0.8714E+01	0.3136E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1864E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1029E-03		
		0.1505E+01	-0.8023E-04		
		0.1800E+01	-0.6090E-04		
		0.3820E+01	-0.4350E-05		
		0.5840E+01	-0.7916E-07		
		0.7860E+01	0.1254E-08		
		0.8145E+01	0.1260E-08		
		0.8429E+01	0.1264E-08		
		0.8714E+01	0.1266E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7882E-02		
		0.6111E+00	-0.6243E-02		
		0.9159E+00	-0.4865E-02		
		0.1211E+01	-0.3759E-02		
		0.1505E+01	-0.2851E-02		
		0.1800E+01	-0.2121E-02		
		0.3820E+01	-0.1519E-03		
		0.5840E+01	-0.3242E-05		
		0.7860E+01	0.4367E-07		
		0.8145E+01	0.4389E-07		
		0.8429E+01	0.4402E-07		

		0.8714E+01	0.4406E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4489E-02		
		0.6111E+00	-0.3561E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.2150E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.1216E-02		
		0.3820E+01	-0.8740E-04		
		0.5840E+01	-0.1869E-05		
		0.7860E+01	0.1965E-07		
		0.8145E+01	0.1976E-07		
		0.8429E+01	0.1983E-07		
		0.8714E+01	0.1985E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1263E-02		
		0.1211E+01	-0.9802E-03		
		0.1505E+01	-0.7463E-03		
		0.1800E+01	-0.5569E-03		
		0.3820E+01	-0.4040E-04		
		0.5840E+01	-0.8673E-06		
		0.7860E+01	0.8615E-08		
		0.8145E+01	0.8668E-08		
		0.8429E+01	0.8698E-08		
		0.8714E+01	0.8708E-08		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1879E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1314E-03		
		0.1211E+01	-0.1063E-03		
		0.1505E+01	-0.8377E-04		
		0.1800E+01	-0.6436E-04		
		0.3820E+01	-0.5220E-05		
		0.5840E+01	-0.1169E-06		
		0.7860E+01	0.3693E-08		
		0.8145E+01	0.3709E-08		
		0.8429E+01	0.3719E-08		
		0.8714E+01	0.3723E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7919E-02		
		0.6111E+00	-0.6300E-02		
		0.9159E+00	-0.4937E-02		
		0.1211E+01	-0.3841E-02		
		0.1505E+01	-0.2938E-02		
		0.1800E+01	-0.2206E-02		
		0.3820E+01	-0.1759E-03		

		0.5840E+01	-0.4507E-05		
		0.7860E+01	0.9920E-07		
		0.8145E+01	0.9964E-07		
		0.8429E+01	0.9990E-07		
		0.8714E+01	0.9999E-07		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2821E-02		
		0.1211E+01	-0.2197E-02		
		0.1505E+01	-0.1683E-02		
		0.1800E+01	-0.1265E-02		
		0.3820E+01	-0.1013E-03		
		0.5840E+01	-0.2601E-05		
		0.7860E+01	0.4684E-07		
		0.8145E+01	0.4707E-07		
		0.8429E+01	0.4720E-07		
		0.8714E+01	0.4725E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1629E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7695E-03		
		0.1800E+01	-0.5799E-03		
		0.3820E+01	-0.4688E-04		
		0.5840E+01	-0.1209E-05		
		0.7860E+01	0.2159E-07		
		0.8145E+01	0.2170E-07		
		0.8429E+01	0.2176E-07		
		0.8714E+01	0.2178E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1616E-03		
		0.9159E+00	-0.1342E-03		
		0.1211E+01	-0.1094E-03		
		0.1505E+01	-0.8710E-04		
		0.1800E+01	-0.6766E-04		
		0.3820E+01	-0.6148E-05		
		0.5840E+01	-0.1658E-06		
		0.7860E+01	0.9729E-08		
		0.8145E+01	0.9767E-08		
		0.8429E+01	0.9790E-08		
		0.8714E+01	0.9799E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7953E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.5003E-02		

		0.1211E+01	-0.3915E-02		
		0.1505E+01	-0.3017E-02		
		0.1800E+01	-0.2285E-02		
		0.3820E+01	-0.2006E-03		
		0.5840E+01	-0.6058E-05		
		0.7860E+01	0.2083E-06		
		0.8145E+01	0.2091E-06		
		0.8429E+01	0.2096E-06		
		0.8714E+01	0.2097E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5594E-02		
		0.3063E+00	-0.4530E-02		
		0.6111E+00	-0.3624E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2241E-02		
		0.1505E+01	-0.1728E-02		
		0.1800E+01	-0.1311E-02		
		0.3820E+01	-0.1156E-03		
		0.5840E+01	-0.3498E-05		
		0.7860E+01	0.1027E-06		
		0.8145E+01	0.1031E-06		
		0.8429E+01	0.1034E-06		
		0.8714E+01	0.1035E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2514E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1643E-02		
		0.9159E+00	-0.1301E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.7910E-03		
		0.1800E+01	-0.6013E-03		
		0.3820E+01	-0.5357E-04		
		0.5840E+01	-0.1628E-05		
		0.7860E+01	0.4947E-07		
		0.8145E+01	0.4969E-07		
		0.8429E+01	0.4981E-07		
		0.8714E+01	0.4985E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1636E-03		
		0.9159E+00	-0.1368E-03		
		0.1211E+01	-0.1124E-03		
		0.1505E+01	-0.9023E-04		
		0.1800E+01	-0.7078E-04		
		0.3820E+01	-0.7126E-05		
		0.5840E+01	-0.2271E-06		
		0.7860E+01	0.2332E-07		
		0.8145E+01	0.2340E-07		
		0.8429E+01	0.2346E-07		
		0.8714E+01	0.2347E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02		
		0.3063E+00	-0.7983E-02		
		0.6111E+00	-0.6398E-02		
		0.9159E+00	-0.5063E-02		
		0.1211E+01	-0.3984E-02		
		0.1505E+01	-0.3089E-02		
		0.1800E+01	-0.2359E-02		
		0.3820E+01	-0.2258E-03		
		0.5840E+01	-0.7907E-05		
		0.7860E+01	0.4085E-06		
		0.8145E+01	0.4100E-06		
		0.8429E+01	0.4109E-06		
		0.8714E+01	0.4112E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.5600E-02		
		0.3063E+00	-0.4547E-02		
		0.6111E+00	-0.3651E-02		
		0.9159E+00	-0.2894E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1771E-02		
		0.1800E+01	-0.1353E-02		
		0.3820E+01	-0.1302E-03		
		0.5840E+01	-0.4570E-05		
		0.7860E+01	0.2094E-06		
		0.8145E+01	0.2102E-06		
		0.8429E+01	0.2107E-06		
		0.8714E+01	0.2108E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2053E-02		
		0.6111E+00	-0.1655E-02		
		0.9159E+00	-0.1317E-02		
		0.1211E+01	-0.1041E-02		
		0.1505E+01	-0.8107E-03		
		0.1800E+01	-0.6212E-03		
		0.3820E+01	-0.6041E-04		
		0.5840E+01	-0.2130E-05		
		0.7860E+01	0.1050E-06		
		0.8145E+01	0.1054E-06		
		0.8429E+01	0.1057E-06		
		0.8714E+01	0.1057E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1919E-03		
		0.6111E+00	-0.1655E-03		
		0.9159E+00	-0.1392E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9317E-04		
		0.1800E+01	-0.7375E-04		
		0.3820E+01	-0.8146E-05		
		0.5840E+01	-0.3020E-06		
		0.7860E+01	0.5157E-07		
		0.8145E+01	0.5174E-07		
		0.8429E+01	0.5184E-07		
		0.8714E+01	0.5188E-07		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8010E-02		
		0.6111E+00	-0.6440E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.4046E-02		
		0.1505E+01	-0.3157E-02		
		0.1800E+01	-0.2427E-02		
		0.3820E+01	-0.2513E-03		
		0.5840E+01	-0.1006E-04		
		0.7860E+01	0.7558E-06		
		0.8145E+01	0.7583E-06		
		0.8429E+01	0.7597E-06		
		0.8714E+01	0.7603E-06		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4563E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1393E-02		
		0.3820E+01	-0.1450E-03		
		0.5840E+01	-0.5820E-05		
		0.7860E+01	0.4012E-06		
		0.8145E+01	0.4026E-06		
		0.8429E+01	0.4034E-06		
		0.8714E+01	0.4037E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1332E-02		
		0.1211E+01	-0.1058E-02		
		0.1505E+01	-0.8290E-03		
		0.1800E+01	-0.6397E-03		
		0.3820E+01	-0.6734E-04		
		0.5840E+01	-0.2717E-05		
		0.7860E+01	0.2087E-06		
		0.8145E+01	0.2094E-06		
		0.8429E+01	0.2098E-06		
		0.8714E+01	0.2100E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1930E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9595E-04		
		0.1800E+01	-0.7657E-04		
		0.3820E+01	-0.9200E-05		
		0.5840E+01	-0.3912E-06		
		0.7860E+01	0.1063E-06		
		0.8145E+01	0.1067E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.1069E-06		
		0.8714E+01	0.1069E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8035E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5166E-02		
		0.1211E+01	-0.4103E-02		
		0.1505E+01	-0.3218E-02		
		0.1800E+01	-0.2490E-02		
		0.3820E+01	-0.2769E-03		
		0.5840E+01	-0.1253E-04		
		0.7860E+01	0.1328E-05		
		0.8145E+01	0.1332E-05		
		0.8429E+01	0.1335E-05		
		0.8714E+01	0.1336E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3697E-02		
		0.9159E+00	-0.2954E-02		
		0.1211E+01	-0.2350E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.1598E-03		
		0.5840E+01	-0.7252E-05		
		0.7860E+01	0.7282E-06		
		0.8145E+01	0.7305E-06		
		0.8429E+01	0.7318E-06		
		0.8714E+01	0.7323E-06		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1345E-02		
		0.1211E+01	-0.1074E-02		
		0.1505E+01	-0.8459E-03		
		0.1800E+01	-0.6570E-03		
		0.3820E+01	-0.7433E-04		
		0.5840E+01	-0.3391E-05		
		0.7860E+01	0.3914E-06		
		0.8145E+01	0.3926E-06		
		0.8429E+01	0.3934E-06		
		0.8714E+01	0.3936E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1436E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7924E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.1028E-04		
		0.5840E+01	-0.4955E-06		
		0.7860E+01	0.2063E-06		
		0.8145E+01	0.2069E-06		
		0.8429E+01	0.2073E-06		
		0.8714E+01	0.2074E-06		
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9881E-02		
		0.3063E+00	-0.8057E-02		
		0.6111E+00	-0.6513E-02		
		0.9159E+00	-0.5212E-02		
		0.1211E+01	-0.4156E-02		
		0.1505E+01	-0.3276E-02		
		0.1800E+01	-0.2549E-02		
		0.3820E+01	-0.3024E-03		
		0.5840E+01	-0.1530E-04		
		0.7860E+01	0.2232E-05		
		0.8145E+01	0.2239E-05		
		0.8429E+01	0.2242E-05		
		0.8714E+01	0.2244E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2980E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1879E-02		
		0.1800E+01	-0.1464E-02		
		0.3820E+01	-0.1747E-03		
		0.5840E+01	-0.8864E-05		
		0.7860E+01	0.1260E-05		
		0.8145E+01	0.1264E-05		
		0.8429E+01	0.1266E-05		
		0.8714E+01	0.1267E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1687E-02		
		0.9159E+00	-0.1358E-02		
		0.1211E+01	-0.1088E-02		
		0.1505E+01	-0.8615E-03		
		0.1800E+01	-0.6731E-03		
		0.3820E+01	-0.8132E-04		
		0.5840E+01	-0.4150E-05		
		0.7860E+01	0.6979E-06		
		0.8145E+01	0.7000E-06		
		0.8429E+01	0.7012E-06		
		0.8714E+01	0.7016E-06		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		

		0.9159E+00	-0.1455E-03		
		0.1211E+01	-0.1224E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8178E-04		
		0.3820E+01	-0.1139E-04		
		0.5840E+01	-0.6152E-06		
		0.7860E+01	0.3795E-06		
		0.8145E+01	0.3805E-06		
		0.8429E+01	0.3811E-06		
		0.8714E+01	0.3814E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8078E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4204E-02		
		0.1505E+01	-0.3328E-02		
		0.1800E+01	-0.2603E-02		
		0.3820E+01	-0.3277E-03		
		0.5840E+01	-0.1837E-04		
		0.7860E+01	0.3605E-05		
		0.8145E+01	0.3615E-05		
		0.8429E+01	0.3621E-05		
		0.8714E+01	0.3623E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4602E-02		
		0.6111E+00	-0.3736E-02		
		0.9159E+00	-0.3004E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1909E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.1894E-03		
		0.5840E+01	-0.1065E-04		
		0.7860E+01	0.2090E-05		
		0.8145E+01	0.2096E-05		
		0.8429E+01	0.2099E-05		
		0.8714E+01	0.2101E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1101E-02		
		0.1505E+01	-0.8760E-03		
		0.1800E+01	-0.6881E-03		
		0.3820E+01	-0.8828E-04		
		0.5840E+01	-0.4994E-05		
		0.7860E+01	0.1190E-05		
		0.8145E+01	0.1194E-05		
		0.8429E+01	0.1196E-05		
		0.8714E+01	0.1196E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1474E-03		
		0.1211E+01	-0.1246E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8419E-04		
		0.3820E+01	-0.1251E-04		
		0.5840E+01	-0.7501E-06		
		0.7860E+01	0.6659E-06		
		0.8145E+01	0.6676E-06		
		0.8429E+01	0.6687E-06		
		0.8714E+01	0.6691E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8097E-02		
		0.6111E+00	-0.6574E-02		
		0.9159E+00	-0.5291E-02		
		0.1211E+01	-0.4249E-02		
		0.1505E+01	-0.3377E-02		
		0.1800E+01	-0.2654E-02		
		0.3820E+01	-0.3528E-03		
		0.5840E+01	-0.2173E-04		
		0.7860E+01	0.5622E-05		
		0.8145E+01	0.5636E-05		
		0.8429E+01	0.5645E-05		
		0.8714E+01	0.5648E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5626E-02		
		0.3063E+00	-0.4613E-02		
		0.6111E+00	-0.3753E-02		
		0.9159E+00	-0.3026E-02		
		0.1211E+01	-0.2434E-02		
		0.1505E+01	-0.1938E-02		
		0.1800E+01	-0.1525E-02		
		0.3820E+01	-0.2040E-03		
		0.5840E+01	-0.1260E-04		
		0.7860E+01	0.3341E-05		
		0.8145E+01	0.3349E-05		
		0.8429E+01	0.3354E-05		
		0.8714E+01	0.3356E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2529E-02		
		0.3063E+00	-0.2084E-02		
		0.6111E+00	-0.1704E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1114E-02		
		0.1505E+01	-0.8895E-03		
		0.1800E+01	-0.7021E-03		
		0.3820E+01	-0.9519E-04		
		0.5840E+01	-0.5918E-05		
		0.7860E+01	0.1951E-05		

		0.8145E+01	0.1957E-05		
		0.8429E+01	0.1960E-05		
		0.8714E+01	0.1961E-05		
1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1731E-03		
		0.9159E+00	-0.1491E-03		
		0.1211E+01	-0.1266E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8648E-04		
		0.3820E+01	-0.1364E-04		
		0.5840E+01	-0.9000E-06		
		0.7860E+01	0.1121E-05		
		0.8145E+01	0.1123E-05		
		0.8429E+01	0.1125E-05		
		0.8714E+01	0.1126E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6596E-02		
		0.9159E+00	-0.5319E-02		
		0.1211E+01	-0.4282E-02		
		0.1505E+01	-0.3414E-02		
		0.1800E+01	-0.2692E-02		
		0.3820E+01	-0.3726E-03		
		0.5840E+01	-0.2460E-04		
		0.7860E+01	0.7841E-05		
		0.8145E+01	0.7860E-05		
		0.8429E+01	0.7872E-05		
		0.8714E+01	0.7876E-05		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3766E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2454E-02		
		0.1505E+01	-0.1959E-02		
		0.1800E+01	-0.1547E-02		
		0.3820E+01	-0.2155E-03		
		0.5840E+01	-0.1428E-04		
		0.7860E+01	0.4745E-05		
		0.8145E+01	0.4757E-05		
		0.8429E+01	0.4764E-05		
		0.8714E+01	0.4767E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1710E-02		
		0.9159E+00	-0.1387E-02		
		0.1211E+01	-0.1123E-02		
		0.1505E+01	-0.8996E-03		

		0.1800E+01	-0.7126E-03		
		0.3820E+01	-0.1007E-03		
		0.5840E+01	-0.6712E-05		
		0.7860E+01	0.2825E-05		
		0.8145E+01	0.2832E-05		
		0.8429E+01	0.2836E-05		
		0.8714E+01	0.2838E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1974E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1281E-03		
		0.1505E+01	-0.1072E-03		
		0.1800E+01	-0.8824E-04		
		0.3820E+01	-0.1454E-04		
		0.5840E+01	-0.1030E-05		
		0.7860E+01	0.1654E-05		
		0.8145E+01	0.1658E-05		
		0.8429E+01	0.1661E-05		
		0.8714E+01	0.1662E-05		

N O T I C E

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*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*            ANALYSIS      COMPLETED             *
*                                                *
*          TIME     -        9:19: 8             *
*          EXECUTION TIME    0: 1: 2             *
*                                                *
*                                                *
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CLR18

Lower Radnor Till Sand
Porosity = 0.24
(Site Minimum)

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*************************************************************
*                                                           *
*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                   RUN DATE -   17-11- 8                   *
*                   TIME     -    9:31:39                   *
*                                                           *
*************************************************************
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*****************************************************************************
 Clinton LF No. 3 (CWU) CLR18 (LRTS 0.24)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
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LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.240	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.240	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.240	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2041E-07		
		0.3820E+01	-0.3180E-18		
		0.5840E+01	-0.2230E-23		
		0.7860E+01	-0.2720E-34		
		0.8145E+01	-0.1094E-33		
		0.8429E+01	-0.1297E-33		
		0.8714E+01	-0.1323E-33		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1160E-07		
		0.3820E+01	-0.1711E-18		
		0.5840E+01	-0.1270E-23		
		0.7860E+01	-0.1256E-33		
		0.8145E+01	-0.1606E-33		
		0.8429E+01	-0.1658E-33		
		0.8714E+01	-0.1651E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5209E-08		
		0.3820E+01	-0.6657E-19		
		0.5840E+01	-0.5735E-24		
		0.7860E+01	-0.1047E-33		
		0.8145E+01	-0.1172E-33		
		0.8429E+01	-0.1175E-33		
		0.8714E+01	-0.1165E-33		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4439E-09		
		0.3820E+01	0.1047E-19		
		0.5840E+01	-0.5363E-25		
		0.7860E+01	-0.7787E-34		
		0.8145E+01	-0.7264E-34		
		0.8429E+01	-0.6958E-34		
		0.8714E+01	-0.6842E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4058E-04		
		0.1800E+01	-0.6986E-05		
		0.3820E+01	-0.3643E-13		
		0.5840E+01	0.1296E-17		
		0.7860E+01	0.5090E-24		
		0.8145E+01	0.9636E-24		
		0.8429E+01	0.1196E-23		
		0.8714E+01	0.1267E-23		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2308E-04		
		0.1800E+01	-0.3973E-05		
		0.3820E+01	-0.2073E-13		
		0.5840E+01	0.7364E-18		
		0.7860E+01	-0.4635E-24		
		0.8145E+01	-0.2020E-24		
		0.8429E+01	-0.6540E-25		
		0.8714E+01	-0.2310E-25		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1788E-05		
		0.3820E+01	-0.9337E-14		
		0.5840E+01	0.3306E-18		
		0.7860E+01	-0.4645E-24		
		0.8145E+01	-0.3444E-24		
		0.8429E+01	-0.2783E-24		
		0.8714E+01	-0.2574E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9126E-06		
		0.1800E+01	-0.1576E-06		
		0.3820E+01	-0.8377E-15		
		0.5840E+01	0.2801E-19		
		0.7860E+01	-0.1285E-24		
		0.8145E+01	-0.1088E-24		
		0.8429E+01	-0.9259E-25		
		0.8714E+01	-0.8667E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5285E-03		
		0.1505E+01	-0.1831E-03		
		0.1800E+01	-0.5399E-04		
		0.3820E+01	-0.1311E-09		
		0.5840E+01	0.1274E-15		
		0.7860E+01	-0.6238E-19		
		0.8145E+01	-0.6180E-19		
		0.8429E+01	-0.6162E-19		

		0.8714E+01	-0.6160E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3007E-03		
		0.1505E+01	-0.1042E-03		
		0.1800E+01	-0.3073E-04		
		0.3820E+01	-0.7464E-10		
		0.5840E+01	0.7225E-16		
		0.7860E+01	0.1466E-19		
		0.8145E+01	0.1565E-19		
		0.8429E+01	0.1616E-19		
		0.8714E+01	0.1632E-19		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4694E-04		
		0.1800E+01	-0.1385E-04		
		0.3820E+01	-0.3367E-10		
		0.5840E+01	0.3231E-16		
		0.7860E+01	0.1491E-19		
		0.8145E+01	0.1554E-19		
		0.8429E+01	0.1589E-19		
		0.8714E+01	0.1600E-19		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4241E-05		
		0.1800E+01	-0.1258E-05		
		0.3820E+01	-0.3099E-11		
		0.5840E+01	0.2545E-17		
		0.7860E+01	0.6871E-20		
		0.8145E+01	0.7023E-20		
		0.8429E+01	0.7134E-20		
		0.8714E+01	0.7174E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9206E-03		
		0.1505E+01	-0.4014E-03		
		0.1800E+01	-0.1555E-03		
		0.3820E+01	-0.8083E-08		

		0.5840E+01	-0.2385E-14		
		0.7860E+01	0.2898E-16		
		0.8145E+01	0.2928E-16		
		0.8429E+01	0.2945E-16		
		0.8714E+01	0.2951E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5241E-03		
		0.1505E+01	-0.2285E-03		
		0.1800E+01	-0.8859E-04		
		0.3820E+01	-0.4606E-08		
		0.5840E+01	-0.1361E-14		
		0.7860E+01	0.7311E-17		
		0.8145E+01	0.7476E-17		
		0.8429E+01	0.7574E-17		
		0.8714E+01	0.7608E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4833E-03		
		0.1211E+01	-0.2364E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.3999E-04		
		0.3820E+01	-0.2082E-08		
		0.5840E+01	-0.6169E-15		
		0.7860E+01	-0.2667E-17		
		0.8145E+01	-0.2630E-17		
		0.8429E+01	-0.2608E-17		
		0.8714E+01	-0.2602E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4378E-04		
		0.1211E+01	-0.2168E-04		
		0.1505E+01	-0.9548E-05		
		0.1800E+01	-0.3728E-05		
		0.3820E+01	-0.1981E-09		
		0.5840E+01	-0.6161E-16		
		0.7860E+01	-0.3532E-17		
		0.8145E+01	-0.3549E-17		
		0.8429E+01	-0.3559E-17		
		0.8714E+01	-0.3562E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.1211E+01	-0.1300E-02		
		0.1505E+01	-0.6521E-03		
		0.1800E+01	-0.2982E-03		
		0.3820E+01	-0.9831E-07		
		0.5840E+01	-0.2421E-12		
		0.7860E+01	-0.7850E-15		
		0.8145E+01	-0.7902E-15		
		0.8429E+01	-0.7933E-15		
		0.8714E+01	-0.7945E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7405E-03		
		0.1505E+01	-0.3715E-03		
		0.1800E+01	-0.1700E-03		
		0.3820E+01	-0.5607E-07		
		0.5840E+01	-0.1381E-12		
		0.7860E+01	-0.3355E-15		
		0.8145E+01	-0.3405E-15		
		0.8429E+01	-0.3435E-15		
		0.8714E+01	-0.3445E-15		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6091E-03		
		0.1211E+01	-0.3344E-03		
		0.1505E+01	-0.1679E-03		
		0.1800E+01	-0.7684E-04		
		0.3820E+01	-0.2539E-07		
		0.5840E+01	-0.6257E-13		
		0.7860E+01	0.3679E-16		
		0.8145E+01	0.3481E-16		
		0.8429E+01	0.3363E-16		
		0.8714E+01	0.3325E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9336E-04		
		0.9159E+00	-0.5608E-04		
		0.1211E+01	-0.3127E-04		
		0.1505E+01	-0.1588E-04		
		0.1800E+01	-0.7336E-05		
		0.3820E+01	-0.2492E-08		
		0.5840E+01	-0.6187E-14		
		0.7860E+01	0.1506E-15		
		0.8145E+01	0.1508E-15		
		0.8429E+01	0.1510E-15		
		0.8714E+01	0.1510E-15		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.9079E-03		
		0.1800E+01	-0.4641E-03		
		0.3820E+01	-0.5269E-06		
		0.5840E+01	-0.1066E-10		
		0.7860E+01	0.6771E-14		
		0.8145E+01	0.6821E-14		
		0.8429E+01	0.6851E-14		
		0.8714E+01	0.6862E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1583E-02		
		0.1211E+01	-0.9385E-03		
		0.1505E+01	-0.5175E-03		
		0.1800E+01	-0.2647E-03		
		0.3820E+01	-0.3007E-06		
		0.5840E+01	-0.6088E-11		
		0.7860E+01	0.2049E-14		
		0.8145E+01	0.2092E-14		
		0.8429E+01	0.2117E-14		
		0.8714E+01	0.2126E-14		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7146E-03		
		0.1211E+01	-0.4242E-03		
		0.1505E+01	-0.2341E-03		
		0.1800E+01	-0.1198E-03		
		0.3820E+01	-0.1364E-06		
		0.5840E+01	-0.2764E-11		
		0.7860E+01	-0.1553E-14		
		0.8145E+01	-0.1538E-14		
		0.8429E+01	-0.1530E-14		
		0.8714E+01	-0.1527E-14		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6677E-04		
		0.1211E+01	-0.4036E-04		
		0.1505E+01	-0.2260E-04		
		0.1800E+01	-0.1169E-04		
		0.3820E+01	-0.1378E-07		
		0.5840E+01	-0.2820E-12		
		0.7860E+01	-0.2440E-14		
		0.8145E+01	-0.2448E-14		
		0.8429E+01	-0.2453E-14		
		0.8714E+01	-0.2455E-14		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1155E-02		
		0.1800E+01	-0.6395E-03		
		0.3820E+01	-0.1761E-05		
		0.5840E+01	-0.1578E-09		
		0.7860E+01	-0.1418E-13		
		0.8145E+01	-0.1442E-13		
		0.8429E+01	-0.1457E-13		
		0.8714E+01	-0.1462E-13		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.6585E-03		
		0.1800E+01	-0.3648E-03		
		0.3820E+01	-0.1006E-05		
		0.5840E+01	-0.9018E-10		
		0.7860E+01	0.1059E-13		
		0.8145E+01	0.1048E-13		
		0.8429E+01	0.1042E-13		
		0.8714E+01	0.1040E-13		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8035E-03		
		0.1211E+01	-0.5047E-03		
		0.1505E+01	-0.2982E-03		
		0.1800E+01	-0.1654E-03		
		0.3820E+01	-0.4572E-06		
		0.5840E+01	-0.4102E-10		
		0.7860E+01	0.2044E-13		
		0.8145E+01	0.2048E-13		
		0.8429E+01	0.2051E-13		
		0.8714E+01	0.2052E-13		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7607E-04		
		0.1211E+01	-0.4879E-04		
		0.1505E+01	-0.2931E-04		
		0.1800E+01	-0.1646E-04		
		0.3820E+01	-0.4745E-07		
		0.5840E+01	-0.4312E-11		
		0.7860E+01	0.1552E-13		
		0.8145E+01	0.1563E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.1570E-13		
		0.8714E+01	0.1573E-13		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3411E-02		
		0.1211E+01	-0.2231E-02		
		0.1505E+01	-0.1386E-02		
		0.1800E+01	-0.8153E-03		
		0.3820E+01	-0.4371E-05		
		0.5840E+01	-0.1198E-08		
		0.7860E+01	-0.7750E-13		
		0.8145E+01	-0.7697E-13		
		0.8429E+01	-0.7669E-13		
		0.8714E+01	-0.7661E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1272E-02		
		0.1505E+01	-0.7908E-03		
		0.1800E+01	-0.4654E-03		
		0.3820E+01	-0.2498E-05		
		0.5840E+01	-0.6852E-09		
		0.7860E+01	-0.9810E-13		
		0.8145E+01	-0.9828E-13		
		0.8429E+01	-0.9840E-13		
		0.8714E+01	-0.9846E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8790E-03		
		0.1211E+01	-0.5762E-03		
		0.1505E+01	-0.3585E-03		
		0.1800E+01	-0.2112E-03		
		0.3820E+01	-0.1138E-05		
		0.5840E+01	-0.3123E-09		
		0.7860E+01	-0.6196E-13		
		0.8145E+01	-0.6246E-13		
		0.8429E+01	-0.6277E-13		
		0.8714E+01	-0.6288E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1200E-03		
		0.9159E+00	-0.8423E-04		
		0.1211E+01	-0.5652E-04		
		0.1505E+01	-0.3582E-04		
		0.1800E+01	-0.2142E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.1211E-06		
		0.5840E+01	-0.3377E-10		
		0.7860E+01	-0.5447E-14		
		0.8145E+01	-0.5869E-14		
		0.8429E+01	-0.6120E-14		
		0.8714E+01	-0.6205E-14		
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7209E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3658E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1599E-02		
		0.1800E+01	-0.9863E-03		
		0.3820E+01	-0.8885E-05		
		0.5840E+01	-0.5817E-08		
		0.7860E+01	0.2622E-12		
		0.8145E+01	0.2695E-12		
		0.8429E+01	0.2734E-12		
		0.8714E+01	0.2746E-12		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2987E-02		
		0.9159E+00	-0.2085E-02		
		0.1211E+01	-0.1411E-02		
		0.1505E+01	-0.9130E-03		
		0.1800E+01	-0.5633E-03		
		0.3820E+01	-0.5083E-05		
		0.5840E+01	-0.3329E-08		
		0.7860E+01	0.4803E-13		
		0.8145E+01	0.5266E-13		
		0.8429E+01	0.5519E-13		
		0.8714E+01	0.5600E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1349E-02		
		0.9159E+00	-0.9437E-03		
		0.1211E+01	-0.6397E-03		
		0.1505E+01	-0.4144E-03		
		0.1800E+01	-0.2559E-03		
		0.3820E+01	-0.2318E-05		
		0.5840E+01	-0.1521E-08		
		0.7860E+01	-0.1257E-12		
		0.8145E+01	-0.1236E-12		
		0.8429E+01	-0.1225E-12		
		0.8714E+01	-0.1221E-12		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1263E-03		

		0.9159E+00	-0.9143E-04		
		0.1211E+01	-0.6360E-04		
		0.1505E+01	-0.4205E-04		
		0.1800E+01	-0.2640E-04		
		0.3820E+01	-0.2529E-06		
		0.5840E+01	-0.1689E-09		
		0.7860E+01	-0.1991E-12		
		0.8145E+01	-0.1993E-12		
		0.8429E+01	-0.1993E-12		
		0.8714E+01	-0.1994E-12		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5427E-02		
		0.9159E+00	-0.3871E-02		
		0.1211E+01	-0.2689E-02		
		0.1505E+01	-0.1795E-02		
		0.1800E+01	-0.1149E-02		
		0.3820E+01	-0.1569E-04		
		0.5840E+01	-0.2062E-07		
		0.7860E+01	0.1331E-11		
		0.8145E+01	0.1383E-11		
		0.8429E+01	0.1410E-11		
		0.8714E+01	0.1419E-11		
.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2207E-02		
		0.1211E+01	-0.1535E-02		
		0.1505E+01	-0.1025E-02		
		0.1800E+01	-0.6568E-03		
		0.3820E+01	-0.8983E-05		
		0.5840E+01	-0.1181E-07		
		0.7860E+01	0.7660E-12		
		0.8145E+01	0.7947E-12		
		0.8429E+01	0.8099E-12		
		0.8714E+01	0.8147E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.9995E-03		
		0.1211E+01	-0.6961E-03		
		0.1505E+01	-0.4657E-03		
		0.1800E+01	-0.2987E-03		
		0.3820E+01	-0.4104E-05		
		0.5840E+01	-0.5406E-08		
		0.7860E+01	0.4709E-12		
		0.8145E+01	0.4862E-12		
		0.8429E+01	0.4947E-12		
		0.8714E+01	0.4975E-12		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1695E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9784E-04		
		0.1211E+01	-0.7006E-04		
		0.1505E+01	-0.4794E-04		
		0.1800E+01	-0.3131E-04		
		0.3820E+01	-0.4580E-06		
		0.5840E+01	-0.6159E-09		
		0.7860E+01	0.1393E-12		
		0.8145E+01	0.1444E-12		
		0.8429E+01	0.1479E-12		
		0.8714E+01	0.1491E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.4056E-02		
		0.1211E+01	-0.2879E-02		
		0.1505E+01	-0.1974E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.2500E-04		
		0.5840E+01	-0.5814E-07		
		0.7860E+01	0.1043E-10		
		0.8145E+01	0.1079E-10		
		0.8429E+01	0.1098E-10		
		0.8714E+01	0.1104E-10		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4236E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1644E-02		
		0.1505E+01	-0.1128E-02		
		0.1800E+01	-0.7451E-03		
		0.3820E+01	-0.1432E-04		
		0.5840E+01	-0.3333E-07		
		0.7860E+01	0.3334E-11		
		0.8145E+01	0.3506E-11		
		0.8429E+01	0.3597E-11		
		0.8714E+01	0.3626E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7463E-03		
		0.1505E+01	-0.5127E-03		
		0.1800E+01	-0.3392E-03		
		0.3820E+01	-0.6554E-05		
		0.5840E+01	-0.1528E-07		
		0.7860E+01	0.1598E-11		

		0.8145E+01	0.1673E-11		
		0.8429E+01	0.1715E-11		
		0.8714E+01	0.1728E-11		
5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1367E-03		
		0.9159E+00	-0.1036E-03		
		0.1211E+01	-0.7599E-04		
		0.1505E+01	-0.5348E-04		
		0.1800E+01	-0.3609E-04		
		0.3820E+01	-0.7474E-06		
		0.5840E+01	-0.1784E-08		
		0.7860E+01	0.1218E-11		
		0.8145E+01	0.1235E-11		
		0.8429E+01	0.1247E-11		
		0.8714E+01	0.1252E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5718E-02		
		0.9159E+00	-0.4217E-02		
		0.1211E+01	-0.3049E-02		
		0.1505E+01	-0.2136E-02		
		0.1800E+01	-0.1448E-02		
		0.3820E+01	-0.3686E-04		
		0.5840E+01	-0.1379E-06		
		0.7860E+01	0.8311E-10		
		0.8145E+01	0.8498E-10		
		0.8429E+01	0.8600E-10		
		0.8714E+01	0.8634E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2406E-02		
		0.1211E+01	-0.1741E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.8279E-03		
		0.3820E+01	-0.2113E-04		
		0.5840E+01	-0.7914E-07		
		0.7860E+01	0.2707E-10		
		0.8145E+01	0.2796E-10		
		0.8429E+01	0.2844E-10		
		0.8714E+01	0.2860E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.7911E-03		
		0.1505E+01	-0.5556E-03		

		0.1800E+01	-0.3773E-03		
		0.3820E+01	-0.9686E-05		
		0.5840E+01	-0.3634E-07		
		0.7860E+01	0.8510E-11		
		0.8145E+01	0.8883E-11		
		0.8429E+01	0.9092E-11		
		0.8714E+01	0.9161E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1410E-03		
		0.9159E+00	-0.1087E-03		
		0.1211E+01	-0.8142E-04		
		0.1505E+01	-0.5869E-04		
		0.1800E+01	-0.4071E-04		
		0.3820E+01	-0.1127E-05		
		0.5840E+01	-0.4343E-08		
		0.7860E+01	0.3370E-11		
		0.8145E+01	0.3443E-11		
		0.8429E+01	0.3496E-11		
		0.8714E+01	0.3515E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9707E-02		
		0.3063E+00	-0.7613E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4359E-02		
		0.1211E+01	-0.3201E-02		
		0.1505E+01	-0.2284E-02		
		0.1800E+01	-0.1582E-02		
		0.3820E+01	-0.5119E-04		
		0.5840E+01	-0.2864E-06		
		0.7860E+01	0.4780E-09		
		0.8145E+01	0.4859E-09		
		0.8429E+01	0.4903E-09		
		0.8714E+01	0.4918E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4334E-02		
		0.6111E+00	-0.3326E-02		
		0.9159E+00	-0.2488E-02		
		0.1211E+01	-0.1828E-02		
		0.1505E+01	-0.1306E-02		
		0.1800E+01	-0.9051E-03		
		0.3820E+01	-0.2937E-04		
		0.5840E+01	-0.1645E-06		
		0.7860E+01	0.1783E-09		
		0.8145E+01	0.1820E-09		
		0.8429E+01	0.1841E-09		
		0.8714E+01	0.1848E-09		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2478E-02		
		0.3063E+00	-0.1954E-02		

		0.6111E+00	-0.1505E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.8312E-03		
		0.1505E+01	-0.5948E-03		
		0.1800E+01	-0.4129E-03		
		0.3820E+01	-0.1348E-04		
		0.5840E+01	-0.7566E-07		
		0.7860E+01	0.6286E-10		
		0.8145E+01	0.6446E-10		
		0.8429E+01	0.6538E-10		
		0.8714E+01	0.6568E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1784E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.8641E-04		
		0.1505E+01	-0.6357E-04		
		0.1800E+01	-0.4514E-04		
		0.3820E+01	-0.1600E-05		
		0.5840E+01	-0.9244E-08		
		0.7860E+01	0.2127E-10		
		0.8145E+01	0.2165E-10		
		0.8429E+01	0.2192E-10		
		0.8714E+01	0.2202E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7681E-02		
		0.6111E+00	-0.5938E-02		
		0.9159E+00	-0.4484E-02		
		0.1211E+01	-0.3337E-02		
		0.1505E+01	-0.2419E-02		
		0.1800E+01	-0.1707E-02		
		0.3820E+01	-0.6780E-04		
		0.5840E+01	-0.5354E-06		
		0.7860E+01	0.2119E-08		
		0.8145E+01	0.2147E-08		
		0.8429E+01	0.2162E-08		
		0.8714E+01	0.2168E-08		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2560E-02		
		0.1211E+01	-0.1907E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.9769E-03		
		0.3820E+01	-0.3892E-04		
		0.5840E+01	-0.3078E-06		
		0.7860E+01	0.8735E-09		
		0.8145E+01	0.8869E-09		
		0.8429E+01	0.8945E-09		
		0.8714E+01	0.8971E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1972E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1162E-02		
		0.1211E+01	-0.8673E-03		
		0.1505E+01	-0.6307E-03		
		0.1800E+01	-0.4460E-03		
		0.3820E+01	-0.1789E-04		
		0.5840E+01	-0.1418E-06		
		0.7860E+01	0.3470E-09		
		0.8145E+01	0.3529E-09		
		0.8429E+01	0.3563E-09		
		0.8714E+01	0.3575E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1807E-03		
		0.6111E+00	-0.1484E-03		
		0.9159E+00	-0.1177E-03		
		0.1211E+01	-0.9102E-04		
		0.1505E+01	-0.6815E-04		
		0.1800E+01	-0.4937E-04		
		0.3820E+01	-0.2164E-05		
		0.5840E+01	-0.1770E-07		
		0.7860E+01	0.1327E-09		
		0.8145E+01	0.1344E-09		
		0.8429E+01	0.1356E-09		
		0.8714E+01	0.1360E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6028E-02		
		0.9159E+00	-0.4596E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2542E-02		
		0.1800E+01	-0.1822E-02		
		0.3820E+01	-0.8645E-04		
		0.5840E+01	-0.9204E-06		
		0.7860E+01	0.7696E-08		
		0.8145E+01	0.7781E-08		
		0.8429E+01	0.7830E-08		
		0.8714E+01	0.7847E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2624E-02		
		0.1211E+01	-0.1977E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.1044E-02		
		0.3820E+01	-0.4966E-04		
		0.5840E+01	-0.5294E-06		

		0.7860E+01	0.3428E-08		
		0.8145E+01	0.3470E-08		
		0.8429E+01	0.3495E-08		
		0.8714E+01	0.3503E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1556E-02		
		0.9159E+00	-0.1191E-02		
		0.1211E+01	-0.8998E-03		
		0.1505E+01	-0.6635E-03		
		0.1800E+01	-0.4769E-03		
		0.3820E+01	-0.2286E-04		
		0.5840E+01	-0.2444E-06		
		0.7860E+01	0.1484E-08		
		0.8145E+01	0.1503E-08		
		0.8429E+01	0.1514E-08		
		0.8714E+01	0.1518E-08		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1515E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9528E-04		
		0.1505E+01	-0.7243E-04		
		0.1800E+01	-0.5341E-04		
		0.3820E+01	-0.2814E-05		
		0.5840E+01	-0.3113E-07		
		0.7860E+01	0.6250E-09		
		0.8145E+01	0.6316E-09		
		0.8429E+01	0.6359E-09		
		0.8714E+01	0.6374E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.1211E+01	-0.3569E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1930E-02		
		0.3820E+01	-0.1069E-03		
		0.5840E+01	-0.1477E-05		
		0.7860E+01	0.2384E-07		
		0.8145E+01	0.2407E-07		
		0.8429E+01	0.2421E-07		
		0.8714E+01	0.2425E-07		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2681E-02		
		0.1211E+01	-0.2040E-02		

		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1105E-02		
		0.3820E+01	-0.6143E-04		
		0.5840E+01	-0.8505E-06		
		0.7860E+01	0.1133E-07		
		0.8145E+01	0.1145E-07		
		0.8429E+01	0.1152E-07		
		0.8714E+01	0.1154E-07		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1218E-02		
		0.1211E+01	-0.9292E-03		
		0.1505E+01	-0.6935E-03		
		0.1800E+01	-0.5055E-03		
		0.3820E+01	-0.2832E-04		
		0.5840E+01	-0.3933E-06		
		0.7860E+01	0.5250E-08		
		0.8145E+01	0.5305E-08		
		0.8429E+01	0.5339E-08		
		0.8714E+01	0.5350E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1544E-03		
		0.9159E+00	-0.1251E-03		
		0.1211E+01	-0.9922E-04		
		0.1505E+01	-0.7646E-04		
		0.1800E+01	-0.5725E-04		
		0.3820E+01	-0.3545E-05		
		0.5840E+01	-0.5109E-07		
		0.7860E+01	0.2376E-08		
		0.8145E+01	0.2398E-08		
		0.8429E+01	0.2412E-08		
		0.8714E+01	0.2417E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4785E-02		
		0.1211E+01	-0.3668E-02		
		0.1505E+01	-0.2757E-02		
		0.1800E+01	-0.2029E-02		
		0.3820E+01	-0.1288E-03		
		0.5840E+01	-0.2241E-05		
		0.7860E+01	0.6483E-07		
		0.8145E+01	0.6539E-07		
		0.8429E+01	0.6572E-07		
		0.8714E+01	0.6583E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3524E-02		
		0.9159E+00	-0.2733E-02		
		0.1211E+01	-0.2098E-02		
		0.1505E+01	-0.1578E-02		
		0.1800E+01	-0.1163E-02		
		0.3820E+01	-0.7406E-04		
		0.5840E+01	-0.1291E-05		
		0.7860E+01	0.3257E-07		
		0.8145E+01	0.3287E-07		
		0.8429E+01	0.3304E-07		
		0.8714E+01	0.3311E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1242E-02		
		0.1211E+01	-0.9559E-03		
		0.1505E+01	-0.7210E-03		
		0.1800E+01	-0.5322E-03		
		0.3820E+01	-0.3419E-04		
		0.5840E+01	-0.5980E-06		
		0.7860E+01	0.1599E-07		
		0.8145E+01	0.1614E-07		
		0.8429E+01	0.1623E-07		
		0.8714E+01	0.1626E-07		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1864E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1029E-03		
		0.1505E+01	-0.8023E-04		
		0.1800E+01	-0.6090E-04		
		0.3820E+01	-0.4350E-05		
		0.5840E+01	-0.7916E-07		
		0.7860E+01	0.7680E-08		
		0.8145E+01	0.7743E-08		
		0.8429E+01	0.7783E-08		
		0.8714E+01	0.7797E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7882E-02		
		0.6111E+00	-0.6243E-02		
		0.9159E+00	-0.4865E-02		
		0.1211E+01	-0.3759E-02		
		0.1505E+01	-0.2851E-02		
		0.1800E+01	-0.2121E-02		
		0.3820E+01	-0.1519E-03		
		0.5840E+01	-0.3242E-05		
		0.7860E+01	0.1581E-06		
		0.8145E+01	0.1593E-06		
		0.8429E+01	0.1600E-06		

		0.8714E+01	0.1603E-06		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4489E-02		
		0.6111E+00	-0.3561E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.2150E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.1216E-02		
		0.3820E+01	-0.8740E-04		
		0.5840E+01	-0.1869E-05		
		0.7860E+01	0.8341E-07		
		0.8145E+01	0.8409E-07		
		0.8429E+01	0.8450E-07		
		0.8714E+01	0.8464E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1263E-02		
		0.1211E+01	-0.9802E-03		
		0.1505E+01	-0.7463E-03		
		0.1800E+01	-0.5569E-03		
		0.3820E+01	-0.4040E-04		
		0.5840E+01	-0.8673E-06		
		0.7860E+01	0.4307E-07		
		0.8145E+01	0.4343E-07		
		0.8429E+01	0.4364E-07		
		0.8714E+01	0.4372E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1879E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1314E-03		
		0.1211E+01	-0.1063E-03		
		0.1505E+01	-0.8377E-04		
		0.1800E+01	-0.6436E-04		
		0.3820E+01	-0.5220E-05		
		0.5840E+01	-0.1169E-06		
		0.7860E+01	0.2178E-07		
		0.8145E+01	0.2195E-07		
		0.8429E+01	0.2205E-07		
		0.8714E+01	0.2209E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7919E-02		
		0.6111E+00	-0.6300E-02		
		0.9159E+00	-0.4937E-02		
		0.1211E+01	-0.3841E-02		
		0.1505E+01	-0.2938E-02		
		0.1800E+01	-0.2206E-02		
		0.3820E+01	-0.1759E-03		

		0.5840E+01	-0.4507E-05		
		0.7860E+01	0.3516E-06		
		0.8145E+01	0.3541E-06		
		0.8429E+01	0.3556E-06		
		0.8714E+01	0.3562E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2821E-02		
		0.1211E+01	-0.2197E-02		
		0.1505E+01	-0.1683E-02		
		0.1800E+01	-0.1265E-02		
		0.3820E+01	-0.1013E-03		
		0.5840E+01	-0.2601E-05		
		0.7860E+01	0.1937E-06		
		0.8145E+01	0.1952E-06		
		0.8429E+01	0.1960E-06		
		0.8714E+01	0.1963E-06		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1629E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7695E-03		
		0.1800E+01	-0.5799E-03		
		0.3820E+01	-0.4688E-04		
		0.5840E+01	-0.1209E-05		
		0.7860E+01	0.1046E-06		
		0.8145E+01	0.1054E-06		
		0.8429E+01	0.1059E-06		
		0.8714E+01	0.1060E-06		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1616E-03		
		0.9159E+00	-0.1342E-03		
		0.1211E+01	-0.1094E-03		
		0.1505E+01	-0.8710E-04		
		0.1800E+01	-0.6766E-04		
		0.3820E+01	-0.6148E-05		
		0.5840E+01	-0.1658E-06		
		0.7860E+01	0.5539E-07		
		0.8145E+01	0.5578E-07		
		0.8429E+01	0.5602E-07		
		0.8714E+01	0.5611E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7953E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.5003E-02		

		0.1211E+01	-0.3915E-02		
		0.1505E+01	-0.3017E-02		
		0.1800E+01	-0.2285E-02		
		0.3820E+01	-0.2006E-03		
		0.5840E+01	-0.6057E-05		
		0.7860E+01	0.7231E-06		
		0.8145E+01	0.7279E-06		
		0.8429E+01	0.7309E-06		
		0.8714E+01	0.7319E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5594E-02		
		0.3063E+00	-0.4530E-02		
		0.6111E+00	-0.3624E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2241E-02		
		0.1505E+01	-0.1728E-02		
		0.1800E+01	-0.1311E-02		
		0.3820E+01	-0.1156E-03		
		0.5840E+01	-0.3498E-05		
		0.7860E+01	0.4141E-06		
		0.8145E+01	0.4169E-06		
		0.8429E+01	0.4187E-06		
		0.8714E+01	0.4193E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2514E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1643E-02		
		0.9159E+00	-0.1301E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.7910E-03		
		0.1800E+01	-0.6013E-03		
		0.3820E+01	-0.5357E-04		
		0.5840E+01	-0.1628E-05		
		0.7860E+01	0.2327E-06		
		0.8145E+01	0.2343E-06		
		0.8429E+01	0.2353E-06		
		0.8714E+01	0.2357E-06		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1636E-03		
		0.9159E+00	-0.1368E-03		
		0.1211E+01	-0.1124E-03		
		0.1505E+01	-0.9023E-04		
		0.1800E+01	-0.7078E-04		
		0.3820E+01	-0.7126E-05		
		0.5840E+01	-0.2270E-06		
		0.7860E+01	0.1284E-06		
		0.8145E+01	0.1292E-06		
		0.8429E+01	0.1297E-06		
		0.8714E+01	0.1299E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02		
		0.3063E+00	-0.7983E-02		
		0.6111E+00	-0.6398E-02		
		0.9159E+00	-0.5063E-02		
		0.1211E+01	-0.3984E-02		
		0.1505E+01	-0.3089E-02		
		0.1800E+01	-0.2359E-02		
		0.3820E+01	-0.2258E-03		
		0.5840E+01	-0.7905E-05		
		0.7860E+01	0.1390E-05		
		0.8145E+01	0.1399E-05		
		0.8429E+01	0.1405E-05		
		0.8714E+01	0.1406E-05		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.5600E-02		
		0.3063E+00	-0.4547E-02		
		0.6111E+00	-0.3651E-02		
		0.9159E+00	-0.2894E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1771E-02		
		0.1800E+01	-0.1353E-02		
		0.3820E+01	-0.1302E-03		
		0.5840E+01	-0.4569E-05		
		0.7860E+01	0.8242E-06		
		0.8145E+01	0.8295E-06		
		0.8429E+01	0.8327E-06		
		0.8714E+01	0.8339E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2053E-02		
		0.6111E+00	-0.1655E-02		
		0.9159E+00	-0.1317E-02		
		0.1211E+01	-0.1041E-02		
		0.1505E+01	-0.8107E-03		
		0.1800E+01	-0.6212E-03		
		0.3820E+01	-0.6041E-04		
		0.5840E+01	-0.2130E-05		
		0.7860E+01	0.4800E-06		
		0.8145E+01	0.4831E-06		
		0.8429E+01	0.4850E-06		
		0.8714E+01	0.4857E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1919E-03		
		0.6111E+00	-0.1655E-03		
		0.9159E+00	-0.1392E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9317E-04		
		0.1800E+01	-0.7375E-04		
		0.3820E+01	-0.8146E-05		
		0.5840E+01	-0.3018E-06		
		0.7860E+01	0.2747E-06		
		0.8145E+01	0.2764E-06		
		0.8429E+01	0.2775E-06		
		0.8714E+01	0.2779E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
^.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8010E-02		
		0.6111E+00	-0.6440E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.4046E-02		
		0.1505E+01	-0.3157E-02		
		0.1800E+01	-0.2427E-02		
		0.3820E+01	-0.2513E-03		
		0.5840E+01	-0.1006E-04		
		0.7860E+01	0.2523E-05		
		0.8145E+01	0.2538E-05		
		0.8429E+01	0.2547E-05		
		0.8714E+01	0.2550E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4563E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1393E-02		
		0.3820E+01	-0.1450E-03		
		0.5840E+01	-0.5818E-05		
		0.7860E+01	0.1542E-05		
		0.8145E+01	0.1552E-05		
		0.8429E+01	0.1557E-05		
		0.8714E+01	0.1560E-05		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1332E-02		
		0.1211E+01	-0.1058E-02		
		0.1505E+01	-0.8290E-03		
		0.1800E+01	-0.6397E-03		
		0.3820E+01	-0.6734E-04		
		0.5840E+01	-0.2716E-05		
		0.7860E+01	0.9276E-06		
		0.8145E+01	0.9333E-06		
		0.8429E+01	0.9368E-06		
		0.8714E+01	0.9380E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1930E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9595E-04		
		0.1800E+01	-0.7657E-04		
		0.3820E+01	-0.9200E-05		
		0.5840E+01	-0.3906E-06		
		0.7860E+01	0.5488E-06		
		0.8145E+01	0.5521E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.5541E-06		
		0.8714E+01	0.5548E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8035E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5166E-02		
		0.1211E+01	-0.4103E-02		
		0.1505E+01	-0.3218E-02		
		0.1800E+01	-0.2490E-02		
		0.3820E+01	-0.2769E-03		
		0.5840E+01	-0.1252E-04		
		0.7860E+01	0.4351E-05		
		0.8145E+01	0.4375E-05		
		0.8429E+01	0.4390E-05		
		0.8714E+01	0.4396E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3697E-02		
		0.9159E+00	-0.2954E-02		
		0.1211E+01	-0.2350E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.1598E-03		
		0.5840E+01	-0.7248E-05		
		0.7860E+01	0.2736E-05		
		0.8145E+01	0.2751E-05		
		0.8429E+01	0.2761E-05		
		0.8714E+01	0.2764E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1345E-02		
		0.1211E+01	-0.1074E-02		
		0.1505E+01	-0.8459E-03		
		0.1800E+01	-0.6570E-03		
		0.3820E+01	-0.7433E-04		
		0.5840E+01	-0.3388E-05		
		0.7860E+01	0.1694E-05		
		0.8145E+01	0.1704E-05		
		0.8429E+01	0.1710E-05		
		0.8714E+01	0.1712E-05		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1436E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7924E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.1028E-04		
		0.5840E+01	-0.4940E-06		
		0.7860E+01	0.1032E-05		
		0.8145E+01	0.1038E-05		
		0.8429E+01	0.1042E-05		
		0.8714E+01	0.1043E-05		
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9881E-02		
		0.3063E+00	-0.8057E-02		
		0.6111E+00	-0.6513E-02		
		0.9159E+00	-0.5212E-02		
		0.1211E+01	-0.4156E-02		
		0.1505E+01	-0.3276E-02		
		0.1800E+01	-0.2549E-02		
		0.3820E+01	-0.3024E-03		
		0.5840E+01	-0.1529E-04		
		0.7860E+01	0.7178E-05		
		0.8145E+01	0.7216E-05		
		0.8429E+01	0.7240E-05		
		0.8714E+01	0.7248E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2980E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1879E-02		
		0.1800E+01	-0.1464E-02		
		0.3820E+01	-0.1747E-03		
		0.5840E+01	-0.8853E-05		
		0.7860E+01	0.4629E-05		
		0.8145E+01	0.4654E-05		
		0.8429E+01	0.4670E-05		
		0.8714E+01	0.4675E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1687E-02		
		0.9159E+00	-0.1358E-02		
		0.1211E+01	-0.1088E-02		
		0.1505E+01	-0.8615E-03		
		0.1800E+01	-0.6731E-03		
		0.3820E+01	-0.8132E-04		
		0.5840E+01	-0.4144E-05		
		0.7860E+01	0.2942E-05		
		0.8145E+01	0.2959E-05		
		0.8429E+01	0.2969E-05		
		0.8714E+01	0.2972E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		

		0.9159E+00	-0.1455E-03		
		0.1211E+01	-0.1224E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8178E-04		
		0.3820E+01	-0.1139E-04		
		0.5840E+01	-0.6116E-06		
		0.7860E+01	0.1843E-05		
		0.8145E+01	0.1853E-05		
		0.8429E+01	0.1860E-05		
		0.8714E+01	0.1862E-05		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8078E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4204E-02		
		0.1505E+01	-0.3328E-02		
		0.1800E+01	-0.2603E-02		
		0.3820E+01	-0.3277E-03		
		0.5840E+01	-0.1834E-04		
		0.7860E+01	0.1139E-04		
		0.8145E+01	0.1144E-04		
		0.8429E+01	0.1148E-04		
		0.8714E+01	0.1149E-04		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4602E-02		
		0.6111E+00	-0.3736E-02		
		0.9159E+00	-0.3004E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1909E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.1894E-03		
		0.5840E+01	-0.1063E-04		
		0.7860E+01	0.7515E-05		
		0.8145E+01	0.7554E-05		
		0.8429E+01	0.7578E-05		
		0.8714E+01	0.7587E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1101E-02		
		0.1505E+01	-0.8760E-03		
		0.1800E+01	-0.6881E-03		
		0.3820E+01	-0.8828E-04		
		0.5840E+01	-0.4981E-05		
		0.7860E+01	0.4893E-05		
		0.8145E+01	0.4919E-05		
		0.8429E+01	0.4934E-05		
		0.8714E+01	0.4940E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1474E-03		
		0.1211E+01	-0.1246E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8419E-04		
		0.3820E+01	-0.1251E-04		
		0.5840E+01	-0.7426E-06		
		0.7860E+01	0.3142E-05		
		0.8145E+01	0.3159E-05		
		0.8429E+01	0.3169E-05		
		0.8714E+01	0.3173E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8097E-02		
		0.6111E+00	-0.6574E-02		
		0.9159E+00	-0.5291E-02		
		0.1211E+01	-0.4249E-02		
		0.1505E+01	-0.3377E-02		
		0.1800E+01	-0.2654E-02		
		0.3820E+01	-0.3528E-03		
		0.5840E+01	-0.2167E-04		
		0.7860E+01	0.1745E-04		
		0.8145E+01	0.1753E-04		
		0.8429E+01	0.1759E-04		
		0.8714E+01	0.1761E-04		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5626E-02		
		0.3063E+00	-0.4613E-02		
		0.6111E+00	-0.3753E-02		
		0.9159E+00	-0.3026E-02		
		0.1211E+01	-0.2434E-02		
		0.1505E+01	-0.1938E-02		
		0.1800E+01	-0.1525E-02		
		0.3820E+01	-0.2040E-03		
		0.5840E+01	-0.1256E-04		
		0.7860E+01	0.1176E-04		
		0.8145E+01	0.1182E-04		
		0.8429E+01	0.1186E-04		
		0.8714E+01	0.1187E-04		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2529E-02		
		0.3063E+00	-0.2084E-02		
		0.6111E+00	-0.1704E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1114E-02		
		0.1505E+01	-0.8895E-03		
		0.1800E+01	-0.7021E-03		
		0.3820E+01	-0.9519E-04		
		0.5840E+01	-0.5893E-05		
		0.7860E+01	0.7827E-05		

		0.8145E+01	0.7866E-05		
		0.8429E+01	0.7890E-05		
		0.8714E+01	0.7900E-05		
1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1731E-03		
		0.9159E+00	-0.1491E-03		
		0.1211E+01	-0.1266E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8648E-04		
		0.3820E+01	-0.1364E-04		
		0.5840E+01	-0.8848E-06		
		0.7860E+01	0.5141E-05		
		0.8145E+01	0.5167E-05		
		0.8429E+01	0.5184E-05		
		0.8714E+01	0.5190E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6596E-02		
		0.9159E+00	-0.5319E-02		
		0.1211E+01	-0.4282E-02		
		0.1505E+01	-0.3414E-02		
		0.1800E+01	-0.2692E-02		
		0.3820E+01	-0.3726E-03		
		0.5840E+01	-0.2450E-04		
		0.7860E+01	0.2400E-04		
		0.8145E+01	0.2412E-04		
		0.8429E+01	0.2419E-04		
		0.8714E+01	0.2421E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3766E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2454E-02		
		0.1505E+01	-0.1959E-02		
		0.1800E+01	-0.1547E-02		
		0.3820E+01	-0.2155E-03		
		0.5840E+01	-0.1422E-04		
		0.7860E+01	0.1643E-04		
		0.8145E+01	0.1651E-04		
		0.8429E+01	0.1656E-04		
		0.8714E+01	0.1658E-04		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1710E-02		
		0.9159E+00	-0.1387E-02		
		0.1211E+01	-0.1123E-02		
		0.1505E+01	-0.8996E-03		

		0.1800E+01	-0.7126E-03		
		0.3820E+01	-0.1007E-03		
		0.5840E+01	-0.6671E-05		
		0.7860E+01	0.1111E-04		
		0.8145E+01	0.1117E-04		
		0.8429E+01	0.1120E-04		
		0.8714E+01	0.1122E-04		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1974E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1281E-03		
		0.1505E+01	-0.1072E-03		
		0.1800E+01	-0.8824E-04		
		0.3820E+01	-0.1454E-04		
		0.5840E+01	-0.1004E-05		
		0.7860E+01	0.7425E-05		
		0.8145E+01	0.7462E-05		
		0.8429E+01	0.7484E-05		
		0.8714E+01	0.7493E-05		

N O T I C E

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*                                                *
*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -         9:32:41           *
*           EXECUTION TIME     0: 1: 2           *
*                                                *
*                                                *
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CLR19

Lower Radnor Till Sand
Maximum Gradient = 0.00906
(Site Maximum)

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*************************************************************
*                                                           *
*                                                           *
*                      M I G R A T E v 9                    *
*                                                           *
*                        VERSION 9.0.7                      *
*                                                           *
*                     REVISION - 4/16/1996                  *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                   RUN DATE -   17-11- 8                   *
*                   TIME     -   10:15: 2                   *
*                                                           *
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*************************************************************************
 Clinton LF No. 3 (CWU) CLR19 (LRTS 0.00906)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
========================

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.194E+01	.194E+02	0.380	0.000E+00	1900.000	0.6300	0.0003	0.28
12	.194E+01	.194E+02	0.380	0.000E+00	1900.000	0.6300	0.0003	0.28
13	.194E+01	.194E+02	0.380	0.000E+00	1900.000	0.6300	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2041E-07		
		0.3820E+01	-0.3180E-18		
		0.5840E+01	-0.2230E-23		
		0.7860E+01	-0.2397E-34		
		0.8145E+01	-0.8079E-34		
		0.8429E+01	-0.9526E-34		
		0.8714E+01	-0.9737E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1160E-07		
		0.3820E+01	-0.1711E-18		
		0.5840E+01	-0.1270E-23		
		0.7860E+01	-0.5482E-34		
		0.8145E+01	-0.8372E-34		
		0.8429E+01	-0.8986E-34		
		0.8714E+01	-0.9036E-34		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5209E-08		
		0.3820E+01	-0.6657E-19		
		0.5840E+01	-0.5735E-24		
		0.7860E+01	-0.4594E-34		
		0.8145E+01	-0.5742E-34		
		0.8429E+01	-0.5925E-34		
		0.8714E+01	-0.5916E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4439E-09		
		0.3820E+01	0.1047E-19		
		0.5840E+01	-0.5363E-25		
		0.7860E+01	-0.3575E-34		
		0.8145E+01	-0.3422E-34		
		0.8429E+01	-0.3282E-34		
		0.8714E+01	-0.3229E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4058E-04		
		0.1800E+01	-0.6986E-05		
		0.3820E+01	-0.3643E-13		
		0.5840E+01	0.1296E-17		
		0.7860E+01	-0.4091E-25		
		0.8145E+01	0.2358E-24		
		0.8429E+01	0.3753E-24		
		0.8714E+01	0.4177E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2308E-04		
		0.1800E+01	-0.3973E-05		
		0.3820E+01	-0.2073E-13		
		0.5840E+01	0.7364E-18		
		0.7860E+01	-0.3532E-24		
		0.8145E+01	-0.1940E-24		
		0.8429E+01	-0.1123E-24		
		0.8714E+01	-0.8729E-25		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1788E-05		
		0.3820E+01	-0.9337E-14		
		0.5840E+01	0.3306E-18		
		0.7860E+01	-0.2470E-24		
		0.8145E+01	-0.1729E-24		
		0.8429E+01	-0.1334E-24		
		0.8714E+01	-0.1210E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9126E-06		
		0.1800E+01	-0.1576E-06		
		0.3820E+01	-0.8377E-15		
		0.5840E+01	0.2801E-19		
		0.7860E+01	-0.6372E-25		
		0.8145E+01	-0.5235E-25		
		0.8429E+01	-0.4392E-25		
		0.8714E+01	-0.4093E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5285E-03		
		0.1505E+01	-0.1831E-03		
		0.1800E+01	-0.5399E-04		
		0.3820E+01	-0.1311E-09		
		0.5840E+01	0.1274E-15		
		0.7860E+01	-0.2224E-19		
		0.8145E+01	-0.2139E-19		
		0.8429E+01	-0.2099E-19		

		0.8714E+01	-0.2088E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3007E-03		
		0.1505E+01	-0.1042E-03		
		0.1800E+01	-0.3073E-04		
		0.3820E+01	-0.7464E-10		
		0.5840E+01	0.7225E-16		
		0.7860E+01	0.6744E-20		
		0.8145E+01	0.7409E-20		
		0.8429E+01	0.7750E-20		
		0.8714E+01	0.7855E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4694E-04		
		0.1800E+01	-0.1385E-04		
		0.3820E+01	-0.3367E-10		
		0.5840E+01	0.3231E-16		
		0.7860E+01	0.5118E-20		
		0.8145E+01	0.5461E-20		
		0.8429E+01	0.5646E-20		
		0.8714E+01	0.5705E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4241E-05		
		0.1800E+01	-0.1258E-05		
		0.3820E+01	-0.3099E-11		
		0.5840E+01	0.2545E-17		
		0.7860E+01	0.2026E-20		
		0.8145E+01	0.2088E-20		
		0.8429E+01	0.2132E-20		
		0.8714E+01	0.2147E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9206E-03		
		0.1505E+01	-0.4014E-03		
		0.1800E+01	-0.1555E-03		
		0.3820E+01	-0.8083E-08		

		0.5840E+01	-0.2385E-14		
		0.7860E+01	0.1148E-16		
		0.8145E+01	0.1158E-16		
		0.8429E+01	0.1163E-16		
		0.8714E+01	0.1165E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5241E-03		
		0.1505E+01	-0.2285E-03		
		0.1800E+01	-0.8859E-04		
		0.3820E+01	-0.4606E-08		
		0.5840E+01	-0.1361E-14		
		0.7860E+01	0.1789E-17		
		0.8145E+01	0.1835E-17		
		0.8429E+01	0.1862E-17		
		0.8714E+01	0.1870E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4833E-03		
		0.1211E+01	-0.2364E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.3999E-04		
		0.3820E+01	-0.2082E-08		
		0.5840E+01	-0.6169E-15		
		0.7860E+01	-0.1382E-17		
		0.8145E+01	-0.1373E-17		
		0.8429E+01	-0.1367E-17		
		0.8714E+01	-0.1366E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4378E-04		
		0.1211E+01	-0.2168E-04		
		0.1505E+01	-0.9548E-05		
		0.1800E+01	-0.3728E-05		
		0.3820E+01	-0.1981E-09		
		0.5840E+01	-0.6161E-16		
		0.7860E+01	-0.1159E-17		
		0.8145E+01	-0.1163E-17		
		0.8429E+01	-0.1165E-17		
		0.8714E+01	-0.1166E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.1211E+01	-0.1300E-02		
		0.1505E+01	-0.6521E-03		
		0.1800E+01	-0.2982E-03		
		0.3820E+01	-0.9831E-07		
		0.5840E+01	-0.2421E-12		
		0.7860E+01	-0.3191E-15		
		0.8145E+01	-0.3210E-15		
		0.8429E+01	-0.3221E-15		
		0.8714E+01	-0.3225E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7405E-03		
		0.1505E+01	-0.3715E-03		
		0.1800E+01	-0.1700E-03		
		0.3820E+01	-0.5607E-07		
		0.5840E+01	-0.1381E-12		
		0.7860E+01	-0.8993E-16		
		0.8145E+01	-0.9126E-16		
		0.8429E+01	-0.9204E-16		
		0.8714E+01	-0.9230E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6091E-03		
		0.1211E+01	-0.3344E-03		
		0.1505E+01	-0.1679E-03		
		0.1800E+01	-0.7684E-04		
		0.3820E+01	-0.2539E-07		
		0.5840E+01	-0.6257E-13		
		0.7860E+01	0.3909E-16		
		0.8145E+01	0.3870E-16		
		0.8429E+01	0.3847E-16		
		0.8714E+01	0.3840E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9336E-04		
		0.9159E+00	-0.5608E-04		
		0.1211E+01	-0.3127E-04		
		0.1505E+01	-0.1588E-04		
		0.1800E+01	-0.7336E-05		
		0.3820E+01	-0.2492E-08		
		0.5840E+01	-0.6187E-14		
		0.7860E+01	0.5370E-16		
		0.8145E+01	0.5382E-16		
		0.8429E+01	0.5389E-16		
		0.8714E+01	0.5391E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.9079E-03		
		0.1800E+01	-0.4641E-03		
		0.3820E+01	-0.5269E-06		
		0.5840E+01	-0.1066E-10		
		0.7860E+01	0.2501E-14		
		0.8145E+01	0.2516E-14		
		0.8429E+01	0.2525E-14		
		0.8714E+01	0.2529E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1583E-02		
		0.1211E+01	-0.9385E-03		
		0.1505E+01	-0.5175E-03		
		0.1800E+01	-0.2647E-03		
		0.3820E+01	-0.3007E-06		
		0.5840E+01	-0.6088E-11		
		0.7860E+01	0.2470E-15		
		0.8145E+01	0.2566E-15		
		0.8429E+01	0.2622E-15		
		0.8714E+01	0.2641E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7146E-03		
		0.1211E+01	-0.4242E-03		
		0.1505E+01	-0.2341E-03		
		0.1800E+01	-0.1198E-03		
		0.3820E+01	-0.1364E-06		
		0.5840E+01	-0.2764E-11		
		0.7860E+01	-0.8547E-15		
		0.8145E+01	-0.8533E-15		
		0.8429E+01	-0.8525E-15		
		0.8714E+01	-0.8524E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6677E-04		
		0.1211E+01	-0.4036E-04		
		0.1505E+01	-0.2260E-04		
		0.1800E+01	-0.1169E-04		
		0.3820E+01	-0.1378E-07		
		0.5840E+01	-0.2820E-12		
		0.7860E+01	-0.7872E-15		
		0.8145E+01	-0.7898E-15		
		0.8429E+01	-0.7914E-15		
		0.8714E+01	-0.7920E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1155E-02		
		0.1800E+01	-0.6395E-03		
		0.3820E+01	-0.1761E-05		
		0.5840E+01	-0.1578E-09		
		0.7860E+01	-0.2298E-14		
		0.8145E+01	-0.2349E-14		
		0.8429E+01	-0.2380E-14		
		0.8714E+01	-0.2391E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.6585E-03		
		0.1800E+01	-0.3648E-03		
		0.3820E+01	-0.1006E-05		
		0.5840E+01	-0.9018E-10		
		0.7860E+01	0.6742E-14		
		0.8145E+01	0.6735E-14		
		0.8429E+01	0.6730E-14		
		0.8714E+01	0.6729E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8035E-03		
		0.1211E+01	-0.5047E-03		
		0.1505E+01	-0.2982E-03		
		0.1800E+01	-0.1654E-03		
		0.3820E+01	-0.4572E-06		
		0.5840E+01	-0.4102E-10		
		0.7860E+01	0.7443E-14		
		0.8145E+01	0.7466E-14		
		0.8429E+01	0.7479E-14		
		0.8714E+01	0.7485E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7607E-04		
		0.1211E+01	-0.4879E-04		
		0.1505E+01	-0.2931E-04		
		0.1800E+01	-0.1646E-04		
		0.3820E+01	-0.4745E-07		
		0.5840E+01	-0.4312E-11		
		0.7860E+01	0.3522E-14		
		0.8145E+01	0.3546E-14		

		0.8429E+01	0.3561E-14		
		0.8714E+01	0.3567E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3411E-02		
		0.1211E+01	-0.2231E-02		
		0.1505E+01	-0.1386E-02		
		0.1800E+01	-0.8153E-03		
		0.3820E+01	-0.4371E-05		
		0.5840E+01	-0.1198E-08		
		0.7860E+01	-0.4019E-13		
		0.8145E+01	-0.4000E-13		
		0.8429E+01	-0.3992E-13		
		0.8714E+01	-0.3989E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1272E-02		
		0.1505E+01	-0.7908E-03		
		0.1800E+01	-0.4654E-03		
		0.3820E+01	-0.2498E-05		
		0.5840E+01	-0.6852E-09		
		0.7860E+01	-0.3484E-13		
		0.8145E+01	-0.3486E-13		
		0.8429E+01	-0.3488E-13		
		0.8714E+01	-0.3489E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8790E-03		
		0.1211E+01	-0.5762E-03		
		0.1505E+01	-0.3585E-03		
		0.1800E+01	-0.2112E-03		
		0.3820E+01	-0.1138E-05		
		0.5840E+01	-0.3123E-09		
		0.7860E+01	-0.1164E-13		
		0.8145E+01	-0.1172E-13		
		0.8429E+01	-0.1177E-13		
		0.8714E+01	-0.1179E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1200E-03		
		0.9159E+00	-0.8423E-04		
		0.1211E+01	-0.5652E-04		
		0.1505E+01	-0.3582E-04		
		0.1800E+01	-0.2142E-04		

		0.3820E+01	-0.1211E-06		
		0.5840E+01	-0.3377E-10		
		0.7860E+01	0.8288E-14		
		0.8145E+01	0.8242E-14		
		0.8429E+01	0.8215E-14		
		0.8714E+01	0.8207E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7209E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3658E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1599E-02		
		0.1800E+01	-0.9863E-03		
		0.3820E+01	-0.8885E-05		
		0.5840E+01	-0.5817E-08		
		0.7860E+01	0.7812E-13		
		0.8145E+01	0.8179E-13		
		0.8429E+01	0.8369E-13		
		0.8714E+01	0.8428E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2987E-02		
		0.9159E+00	-0.2085E-02		
		0.1211E+01	-0.1411E-02		
		0.1505E+01	-0.9130E-03		
		0.1800E+01	-0.5633E-03		
		0.3820E+01	-0.5083E-05		
		0.5840E+01	-0.3330E-08		
		0.7860E+01	-0.2202E-13		
		0.8145E+01	-0.1994E-13		
		0.8429E+01	-0.1885E-13		
		0.8714E+01	-0.1852E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1349E-02		
		0.9159E+00	-0.9437E-03		
		0.1211E+01	-0.6397E-03		
		0.1505E+01	-0.4144E-03		
		0.1800E+01	-0.2559E-03		
		0.3820E+01	-0.2318E-05		
		0.5840E+01	-0.1521E-08		
		0.7860E+01	-0.7025E-13		
		0.8145E+01	-0.6942E-13		
		0.8429E+01	-0.6898E-13		
		0.8714E+01	-0.6885E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1263E-03		

		0.9159E+00	-0.9143E-04		
		0.1211E+01	-0.6360E-04		
		0.1505E+01	-0.4205E-04		
		0.1800E+01	-0.2640E-04		
		0.3820E+01	-0.2529E-06		
		0.5840E+01	-0.1689E-09		
		0.7860E+01	-0.6406E-13		
		0.8145E+01	-0.6413E-13		
		0.8429E+01	-0.6416E-13		
		0.8714E+01	-0.6417E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5427E-02		
		0.9159E+00	-0.3871E-02		
		0.1211E+01	-0.2689E-02		
		0.1505E+01	-0.1795E-02		
		0.1800E+01	-0.1149E-02		
		0.3820E+01	-0.1569E-04		
		0.5840E+01	-0.2062E-07		
		0.7860E+01	0.5879E-12		
		0.8145E+01	0.6170E-12		
		0.8429E+01	0.6318E-12		
		0.8714E+01	0.6363E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2207E-02		
		0.1211E+01	-0.1535E-02		
		0.1505E+01	-0.1025E-02		
		0.1800E+01	-0.6568E-03		
		0.3820E+01	-0.8983E-05		
		0.5840E+01	-0.1181E-07		
		0.7860E+01	0.2637E-12		
		0.8145E+01	0.2801E-12		
		0.8429E+01	0.2885E-12		
		0.8714E+01	0.2911E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.9995E-03		
		0.1211E+01	-0.6961E-03		
		0.1505E+01	-0.4657E-03		
		0.1800E+01	-0.2987E-03		
		0.3820E+01	-0.4104E-05		
		0.5840E+01	-0.5406E-08		
		0.7860E+01	0.8568E-13		
		0.8145E+01	0.9362E-13		
		0.8429E+01	0.9787E-13		
		0.8714E+01	0.9921E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1695E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9784E-04		
		0.1211E+01	-0.7006E-04		
		0.1505E+01	-0.4794E-04		
		0.1800E+01	-0.3131E-04		
		0.3820E+01	-0.4580E-06		
		0.5840E+01	-0.6159E-09		
		0.7860E+01	-0.4616E-13		
		0.8145E+01	-0.4464E-13		
		0.8429E+01	-0.4358E-13		
		0.8714E+01	-0.4321E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.4056E-02		
		0.1211E+01	-0.2879E-02		
		0.1505E+01	-0.1974E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.2500E-04		
		0.5840E+01	-0.5814E-07		
		0.7860E+01	0.4535E-11		
		0.8145E+01	0.4715E-11		
		0.8429E+01	0.4808E-11		
		0.8714E+01	0.4837E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4236E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1644E-02		
		0.1505E+01	-0.1128E-02		
		0.1800E+01	-0.7451E-03		
		0.3820E+01	-0.1432E-04		
		0.5840E+01	-0.3333E-07		
		0.7860E+01	0.1365E-11		
		0.8145E+01	0.1460E-11		
		0.8429E+01	0.1508E-11		
		0.8714E+01	0.1523E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7463E-03		
		0.1505E+01	-0.5127E-03		
		0.1800E+01	-0.3392E-03		
		0.3820E+01	-0.6554E-05		
		0.5840E+01	-0.1528E-07		
		0.7860E+01	0.5941E-12		

		0.8145E+01	0.6374E-12		
		0.8429E+01	0.6604E-12		
		0.8714E+01	0.6677E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1367E-03		
		0.9159E+00	-0.1036E-03		
		0.1211E+01	-0.7599E-04		
		0.1505E+01	-0.5348E-04		
		0.1800E+01	-0.3609E-04		
		0.3820E+01	-0.7474E-06		
		0.5840E+01	-0.1784E-08		
		0.7860E+01	0.3364E-12		
		0.8145E+01	0.3442E-12		
		0.8429E+01	0.3498E-12		
		0.8714E+01	0.3517E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5718E-02		
		0.9159E+00	-0.4217E-02		
		0.1211E+01	-0.3049E-02		
		0.1505E+01	-0.2136E-02		
		0.1800E+01	-0.1448E-02		
		0.3820E+01	-0.3686E-04		
		0.5840E+01	-0.1379E-06		
		0.7860E+01	0.3584E-10		
		0.8145E+01	0.3670E-10		
		0.8429E+01	0.3715E-10		
		0.8714E+01	0.3730E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2406E-02		
		0.1211E+01	-0.1741E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.8279E-03		
		0.3820E+01	-0.2113E-04		
		0.5840E+01	-0.7914E-07		
		0.7860E+01	0.1047E-10		
		0.8145E+01	0.1091E-10		
		0.8429E+01	0.1113E-10		
		0.8714E+01	0.1121E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.7911E-03		
		0.1505E+01	-0.5556E-03		

		0.1800E+01	-0.3773E-03		
		0.3820E+01	-0.9686E-05		
		0.5840E+01	-0.3634E-07		
		0.7860E+01	0.3118E-11		
		0.8145E+01	0.3312E-11		
		0.8429E+01	0.3416E-11		
		0.8714E+01	0.3448E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1410E-03		
		0.9159E+00	-0.1087E-03		
		0.1211E+01	-0.8142E-04		
		0.1505E+01	-0.5869E-04		
		0.1800E+01	-0.4071E-04		
		0.3820E+01	-0.1127E-05		
		0.5840E+01	-0.4342E-08		
		0.7860E+01	0.1318E-11		
		0.8145E+01	0.1350E-11		
		0.8429E+01	0.1374E-11		
		0.8714E+01	0.1382E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9707E-02		
		0.3063E+00	-0.7613E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4359E-02		
		0.1211E+01	-0.3201E-02		
		0.1505E+01	-0.2284E-02		
		0.1800E+01	-0.1582E-02		
		0.3820E+01	-0.5119E-04		
		0.5840E+01	-0.2864E-06		
		0.7860E+01	0.2096E-09		
		0.8145E+01	0.2130E-09		
		0.8429E+01	0.2148E-09		
		0.8714E+01	0.2154E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4334E-02		
		0.6111E+00	-0.3326E-02		
		0.9159E+00	-0.2488E-02		
		0.1211E+01	-0.1828E-02		
		0.1505E+01	-0.1306E-02		
		0.1800E+01	-0.9051E-03		
		0.3820E+01	-0.2937E-04		
		0.5840E+01	-0.1645E-06		
		0.7860E+01	0.6958E-10		
		0.8145E+01	0.7126E-10		
		0.8429E+01	0.7215E-10		
		0.8714E+01	0.7243E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2478E-02		
		0.3063E+00	-0.1954E-02		

		0.6111E+00	-0.1505E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.8312E-03		
		0.1505E+01	-0.5948E-03		
		0.1800E+01	-0.4129E-03		
		0.3820E+01	-0.1348E-04		
		0.5840E+01	-0.7566E-07		
		0.7860E+01	0.2194E-10		
		0.8145E+01	0.2267E-10		
		0.8429E+01	0.2307E-10		
		0.8714E+01	0.2319E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1784E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.8641E-04		
		0.1505E+01	-0.6357E-04		
		0.1800E+01	-0.4514E-04		
		0.3820E+01	-0.1600E-05		
		0.5840E+01	-0.9244E-08		
		0.7860E+01	0.7122E-11		
		0.8145E+01	0.7259E-11		
		0.8429E+01	0.7353E-11		
		0.8714E+01	0.7387E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7681E-02		
		0.6111E+00	-0.5938E-02		
		0.9159E+00	-0.4484E-02		
		0.1211E+01	-0.3337E-02		
		0.1505E+01	-0.2419E-02		
		0.1800E+01	-0.1707E-02		
		0.3820E+01	-0.6780E-04		
		0.5840E+01	-0.5354E-06		
		0.7860E+01	0.9463E-09		
		0.8145E+01	0.9574E-09		
		0.8429E+01	0.9635E-09		
		0.8714E+01	0.9656E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2560E-02		
		0.1211E+01	-0.1907E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.9769E-03		
		0.3820E+01	-0.3892E-04		
		0.5840E+01	-0.3078E-06		
		0.7860E+01	0.3494E-09		
		0.8145E+01	0.3549E-09		
		0.8429E+01	0.3579E-09		
		0.8714E+01	0.3589E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1972E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1162E-02		
		0.1211E+01	-0.8673E-03		
		0.1505E+01	-0.6307E-03		
		0.1800E+01	-0.4460E-03		
		0.3820E+01	-0.1789E-04		
		0.5840E+01	-0.1418E-06		
		0.7860E+01	0.1238E-09		
		0.8145E+01	0.1262E-09		
		0.8429E+01	0.1275E-09		
		0.8714E+01	0.1280E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1807E-03		
		0.6111E+00	-0.1484E-03		
		0.9159E+00	-0.1177E-03		
		0.1211E+01	-0.9102E-04		
		0.1505E+01	-0.6815E-04		
		0.1800E+01	-0.4937E-04		
		0.3820E+01	-0.2164E-05		
		0.5840E+01	-0.1770E-07		
		0.7860E+01	0.4277E-10		
		0.8145E+01	0.4329E-10		
		0.8429E+01	0.4364E-10		
		0.8714E+01	0.4376E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6028E-02		
		0.9159E+00	-0.4596E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2542E-02		
		0.1800E+01	-0.1822E-02		
		0.3820E+01	-0.8645E-04		
		0.5840E+01	-0.9204E-06		
		0.7860E+01	0.3495E-08		
		0.8145E+01	0.3528E-08		
		0.8429E+01	0.3546E-08		
		0.8714E+01	0.3552E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2624E-02		
		0.1211E+01	-0.1977E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.1044E-02		
		0.3820E+01	-0.4966E-04		
		0.5840E+01	-0.5294E-06		

		0.7860E+01	0.1403E-08		
		0.8145E+01	0.1419E-08		
		0.8429E+01	0.1428E-08		
		0.8714E+01	0.1431E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1556E-02		
		0.9159E+00	-0.1191E-02		
		0.1211E+01	-0.8998E-03		
		0.1505E+01	-0.6635E-03		
		0.1800E+01	-0.4769E-03		
		0.3820E+01	-0.2286E-04		
		0.5840E+01	-0.2444E-06		
		0.7860E+01	0.5452E-09		
		0.8145E+01	0.5522E-09		
		0.8429E+01	0.5561E-09		
		0.8714E+01	0.5575E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1515E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9528E-04		
		0.1505E+01	-0.7243E-04		
		0.1800E+01	-0.5341E-04		
		0.3820E+01	-0.2814E-05		
		0.5840E+01	-0.3114E-07		
		0.7860E+01	0.2064E-09		
		0.8145E+01	0.2082E-09		
		0.8429E+01	0.2093E-09		
		0.8714E+01	0.2097E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.1211E+01	-0.3569E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1930E-02		
		0.3820E+01	-0.1069E-03		
		0.5840E+01	-0.1477E-05		
		0.7860E+01	0.1100E-07		
		0.8145E+01	0.1108E-07		
		0.8429E+01	0.1113E-07		
		0.8714E+01	0.1115E-07		
8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2681E-02		
		0.1211E+01	-0.2040E-02		

		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1105E-02		
		0.3820E+01	-0.6143E-04		
		0.5840E+01	-0.8505E-06		
		0.7860E+01	0.4732E-08		
		0.8145E+01	0.4774E-08		
		0.8429E+01	0.4797E-08		
		0.8714E+01	0.4805E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1218E-02		
		0.1211E+01	-0.9292E-03		
		0.1505E+01	-0.6935E-03		
		0.1800E+01	-0.5055E-03		
		0.3820E+01	-0.2832E-04		
		0.5840E+01	-0.3933E-06		
		0.7860E+01	0.1979E-08		
		0.8145E+01	0.1998E-08		
		0.8429E+01	0.2008E-08		
		0.8714E+01	0.2012E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1544E-03		
		0.9159E+00	-0.1251E-03		
		0.1211E+01	-0.9922E-04		
		0.1505E+01	-0.7646E-04		
		0.1800E+01	-0.5725E-04		
		0.3820E+01	-0.3545E-05		
		0.5840E+01	-0.5109E-07		
		0.7860E+01	0.8078E-09		
		0.8145E+01	0.8134E-09		
		0.8429E+01	0.8170E-09		
		0.8714E+01	0.8183E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4785E-02		
		0.1211E+01	-0.3668E-02		
		0.1505E+01	-0.2757E-02		
		0.1800E+01	-0.2029E-02		
		0.3820E+01	-0.1288E-03		
		0.5840E+01	-0.2241E-05		
		0.7860E+01	0.3035E-07		
		0.8145E+01	0.3055E-07		
		0.8429E+01	0.3067E-07		
		0.8714E+01	0.3071E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3524E-02		
		0.9159E+00	-0.2733E-02		
		0.1211E+01	-0.2098E-02		
		0.1505E+01	-0.1578E-02		
		0.1800E+01	-0.1163E-02		
		0.3820E+01	-0.7406E-04		
		0.5840E+01	-0.1291E-05		
		0.7860E+01	0.1386E-07		
		0.8145E+01	0.1396E-07		
		0.8429E+01	0.1402E-07		
		0.8714E+01	0.1404E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1242E-02		
		0.1211E+01	-0.9559E-03		
		0.1505E+01	-0.7210E-03		
		0.1800E+01	-0.5322E-03		
		0.3820E+01	-0.3419E-04		
		0.5840E+01	-0.5980E-06		
		0.7860E+01	0.6167E-08		
		0.8145E+01	0.6214E-08		
		0.8429E+01	0.6241E-08		
		0.8714E+01	0.6250E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1864E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1029E-03		
		0.1505E+01	-0.8023E-04		
		0.1800E+01	-0.6090E-04		
		0.3820E+01	-0.4350E-05		
		0.5840E+01	-0.7916E-07		
		0.7860E+01	0.2681E-08		
		0.8145E+01	0.2697E-08		
		0.8429E+01	0.2707E-08		
		0.8714E+01	0.2710E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7882E-02		
		0.6111E+00	-0.6243E-02		
		0.9159E+00	-0.4865E-02		
		0.1211E+01	-0.3759E-02		
		0.1505E+01	-0.2851E-02		
		0.1800E+01	-0.2121E-02		
		0.3820E+01	-0.1519E-03		
		0.5840E+01	-0.3242E-05		
		0.7860E+01	0.7508E-07		
		0.8145E+01	0.7551E-07		
		0.8429E+01	0.7577E-07		

		0.8714E+01	0.7585E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4489E-02		
		0.6111E+00	-0.3561E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.2150E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.1216E-02		
		0.3820E+01	-0.8740E-04		
		0.5840E+01	-0.1869E-05		
		0.7860E+01	0.3612E-07		
		0.8145E+01	0.3635E-07		
		0.8429E+01	0.3648E-07		
		0.8714E+01	0.3652E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1263E-02		
		0.1211E+01	-0.9802E-03		
		0.1505E+01	-0.7463E-03		
		0.1800E+01	-0.5569E-03		
		0.3820E+01	-0.4040E-04		
		0.5840E+01	-0.8673E-06		
		0.7860E+01	0.1696E-07		
		0.8145E+01	0.1707E-07		
		0.8429E+01	0.1713E-07		
		0.8714E+01	0.1716E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1879E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1314E-03		
		0.1211E+01	-0.1063E-03		
		0.1505E+01	-0.8377E-04		
		0.1800E+01	-0.6436E-04		
		0.3820E+01	-0.5220E-05		
		0.5840E+01	-0.1169E-06		
		0.7860E+01	0.7790E-08		
		0.8145E+01	0.7831E-08		
		0.8429E+01	0.7856E-08		
		0.8714E+01	0.7865E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7919E-02		
		0.6111E+00	-0.6300E-02		
		0.9159E+00	-0.4937E-02		
		0.1211E+01	-0.3841E-02		
		0.1505E+01	-0.2938E-02		
		0.1800E+01	-0.2206E-02		
		0.3820E+01	-0.1759E-03		

		0.5840E+01	-0.4507E-05		
		0.7860E+01	0.1694E-06		
		0.8145E+01	0.1702E-06		
		0.8429E+01	0.1707E-06		
		0.8714E+01	0.1709E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2821E-02		
		0.1211E+01	-0.2197E-02		
		0.1505E+01	-0.1683E-02		
		0.1800E+01	-0.1265E-02		
		0.3820E+01	-0.1013E-03		
		0.5840E+01	-0.2601E-05		
		0.7860E+01	0.8534E-07		
		0.8145E+01	0.8581E-07		
		0.8429E+01	0.8608E-07		
		0.8714E+01	0.8618E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1629E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7695E-03		
		0.1800E+01	-0.5799E-03		
		0.3820E+01	-0.4688E-04		
		0.5840E+01	-0.1209E-05		
		0.7860E+01	0.4204E-07		
		0.8145E+01	0.4227E-07		
		0.8429E+01	0.4241E-07		
		0.8714E+01	0.4246E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1616E-03		
		0.9159E+00	-0.1342E-03		
		0.1211E+01	-0.1094E-03		
		0.1505E+01	-0.8710E-04		
		0.1800E+01	-0.6766E-04		
		0.3820E+01	-0.6148E-05		
		0.5840E+01	-0.1658E-06		
		0.7860E+01	0.2026E-07		
		0.8145E+01	0.2036E-07		
		0.8429E+01	0.2042E-07		
		0.8714E+01	0.2044E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7953E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.5003E-02		

		0.1211E+01	-0.3915E-02		
		0.1505E+01	-0.3017E-02		
		0.1800E+01	-0.2285E-02		
		0.3820E+01	-0.2006E-03		
		0.5840E+01	-0.6057E-05		
		0.7860E+01	0.3531E-06		
		0.8145E+01	0.3547E-06		
		0.8429E+01	0.3557E-06		
		0.8714E+01	0.3561E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5594E-02		
		0.3063E+00	-0.4530E-02		
		0.6111E+00	-0.3624E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2241E-02		
		0.1505E+01	-0.1728E-02		
		0.1800E+01	-0.1311E-02		
		0.3820E+01	-0.1156E-03		
		0.5840E+01	-0.3498E-05		
		0.7860E+01	0.1855E-06		
		0.8145E+01	0.1864E-06		
		0.8429E+01	0.1869E-06		
		0.8714E+01	0.1871E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2514E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1643E-02		
		0.9159E+00	-0.1301E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.7910E-03		
		0.1800E+01	-0.6013E-03		
		0.3820E+01	-0.5357E-04		
		0.5840E+01	-0.1628E-05		
		0.7860E+01	0.9534E-07		
		0.8145E+01	0.9581E-07		
		0.8429E+01	0.9609E-07		
		0.8714E+01	0.9619E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1636E-03		
		0.9159E+00	-0.1368E-03		
		0.1211E+01	-0.1124E-03		
		0.1505E+01	-0.9023E-04		
		0.1800E+01	-0.7078E-04		
		0.3820E+01	-0.7126E-05		
		0.5840E+01	-0.2271E-06		
		0.7860E+01	0.4800E-07		
		0.8145E+01	0.4821E-07		
		0.8429E+01	0.4835E-07		
		0.8714E+01	0.4839E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02		
		0.3063E+00	-0.7983E-02		
		0.6111E+00	-0.6398E-02		
		0.9159E+00	-0.5063E-02		
		0.1211E+01	-0.3984E-02		
		0.1505E+01	-0.3089E-02		
		0.1800E+01	-0.2359E-02		
		0.3820E+01	-0.2258E-03		
		0.5840E+01	-0.7907E-05		
		0.7860E+01	0.6881E-06		
		0.8145E+01	0.6910E-06		
		0.8429E+01	0.6928E-06		
		0.8714E+01	0.6935E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.5600E-02		
		0.3063E+00	-0.4547E-02		
		0.6111E+00	-0.3651E-02		
		0.9159E+00	-0.2894E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1771E-02		
		0.1800E+01	-0.1353E-02		
		0.3820E+01	-0.1302E-03		
		0.5840E+01	-0.4569E-05		
		0.7860E+01	0.3751E-06		
		0.8145E+01	0.3768E-06		
		0.8429E+01	0.3778E-06		
		0.8714E+01	0.3781E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2053E-02		
		0.6111E+00	-0.1655E-02		
		0.9159E+00	-0.1317E-02		
		0.1211E+01	-0.1041E-02		
		0.1505E+01	-0.8107E-03		
		0.1800E+01	-0.6212E-03		
		0.3820E+01	-0.6041E-04		
		0.5840E+01	-0.2130E-05		
		0.7860E+01	0.2004E-06		
		0.8145E+01	0.2013E-06		
		0.8429E+01	0.2018E-06		
		0.8714E+01	0.2020E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1919E-03		
		0.6111E+00	-0.1655E-03		
		0.9159E+00	-0.1392E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9317E-04		
		0.1800E+01	-0.7375E-04		
		0.3820E+01	-0.8146E-05		
		0.5840E+01	-0.3019E-06		
		0.7860E+01	0.1049E-06		
		0.8145E+01	0.1054E-06		
		0.8429E+01	0.1056E-06		
		0.8714E+01	0.1057E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8010E-02		
		0.6111E+00	-0.6440E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.4046E-02		
		0.1505E+01	-0.3157E-02		
		0.1800E+01	-0.2427E-02		
		0.3820E+01	-0.2513E-03		
		0.5840E+01	-0.1006E-04		
		0.7860E+01	0.1265E-05		
		0.8145E+01	0.1270E-05		
		0.8429E+01	0.1273E-05		
		0.8714E+01	0.1274E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4563E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1393E-02		
		0.3820E+01	-0.1450E-03		
		0.5840E+01	-0.5820E-05		
		0.7860E+01	0.7129E-06		
		0.8145E+01	0.7159E-06		
		0.8429E+01	0.7177E-06		
		0.8714E+01	0.7183E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1332E-02		
		0.1211E+01	-0.1058E-02		
		0.1505E+01	-0.8290E-03		
		0.1800E+01	-0.6397E-03		
		0.3820E+01	-0.6734E-04		
		0.5840E+01	-0.2717E-05		
		0.7860E+01	0.3943E-06		
		0.8145E+01	0.3960E-06		
		0.8429E+01	0.3970E-06		
		0.8714E+01	0.3973E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1930E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9595E-04		
		0.1800E+01	-0.7657E-04		
		0.3820E+01	-0.9200E-05		
		0.5840E+01	-0.3911E-06		
		0.7860E+01	0.2140E-06		
		0.8145E+01	0.2148E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.2154E-06		
		0.8714E+01	0.2155E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8035E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5166E-02		
		0.1211E+01	-0.4103E-02		
		0.1505E+01	-0.3218E-02		
		0.1800E+01	-0.2490E-02		
		0.3820E+01	-0.2769E-03		
		0.5840E+01	-0.1253E-04		
		0.7860E+01	0.2209E-05		
		0.8145E+01	0.2217E-05		
		0.8429E+01	0.2222E-05		
		0.8714E+01	0.2224E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3697E-02		
		0.9159E+00	-0.2954E-02		
		0.1211E+01	-0.2350E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.1598E-03		
		0.5840E+01	-0.7251E-05		
		0.7860E+01	0.1284E-05		
		0.8145E+01	0.1289E-05		
		0.8429E+01	0.1292E-05		
		0.8714E+01	0.1293E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1345E-02		
		0.1211E+01	-0.1074E-02		
		0.1505E+01	-0.8459E-03		
		0.1800E+01	-0.6570E-03		
		0.3820E+01	-0.7433E-04		
		0.5840E+01	-0.3390E-05		
		0.7860E+01	0.7328E-06		
		0.8145E+01	0.7356E-06		
		0.8429E+01	0.7374E-06		
		0.8714E+01	0.7380E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1436E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7924E-04		

		0.3820E+01	-0.1028E-04		
		0.5840E+01	-0.4952E-06		
		0.7860E+01	0.4108E-06		
		0.8145E+01	0.4123E-06		
		0.8429E+01	0.4133E-06		
		0.8714E+01	0.4136E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9881E-02		
		0.3063E+00	-0.8057E-02		
		0.6111E+00	-0.6513E-02		
		0.9159E+00	-0.5212E-02		
		0.1211E+01	-0.4156E-02		
		0.1505E+01	-0.3276E-02		
		0.1800E+01	-0.2549E-02		
		0.3820E+01	-0.3024E-03		
		0.5840E+01	-0.1530E-04		
		0.7860E+01	0.3689E-05		
		0.8145E+01	0.3702E-05		
		0.8429E+01	0.3710E-05		
		0.8714E+01	0.3713E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2980E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1879E-02		
		0.1800E+01	-0.1464E-02		
		0.3820E+01	-0.1747E-03		
		0.5840E+01	-0.8861E-05		
		0.7860E+01	0.2204E-05		
		0.8145E+01	0.2212E-05		
		0.8429E+01	0.2217E-05		
		0.8714E+01	0.2219E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1687E-02		
		0.9159E+00	-0.1358E-02		
		0.1211E+01	-0.1088E-02		
		0.1505E+01	-0.8615E-03		
		0.1800E+01	-0.6731E-03		
		0.3820E+01	-0.8132E-04		
		0.5840E+01	-0.4149E-05		
		0.7860E+01	0.1295E-05		
		0.8145E+01	0.1300E-05		
		0.8429E+01	0.1303E-05		
		0.8714E+01	0.1304E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		

		0.9159E+00	-0.1455E-03		
		0.1211E+01	-0.1224E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8178E-04		
		0.3820E+01	-0.1139E-04		
		0.5840E+01	-0.6143E-06		
		0.7860E+01	0.7479E-06		
		0.8145E+01	0.7505E-06		
		0.8429E+01	0.7521E-06		
		0.8714E+01	0.7527E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8078E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4204E-02		
		0.1505E+01	-0.3328E-02		
		0.1800E+01	-0.2603E-02		
		0.3820E+01	-0.3277E-03		
		0.5840E+01	-0.1836E-04		
		0.7860E+01	0.5922E-05		
		0.8145E+01	0.5942E-05		
		0.8429E+01	0.5954E-05		
		0.8714E+01	0.5959E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4602E-02		
		0.6111E+00	-0.3736E-02		
		0.9159E+00	-0.3004E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1909E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.1894E-03		
		0.5840E+01	-0.1064E-04		
		0.7860E+01	0.3630E-05		
		0.8145E+01	0.3643E-05		
		0.8429E+01	0.3650E-05		
		0.8714E+01	0.3653E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1101E-02		
		0.1505E+01	-0.8760E-03		
		0.1800E+01	-0.6881E-03		
		0.3820E+01	-0.8828E-04		
		0.5840E+01	-0.4991E-05		
		0.7860E+01	0.2189E-05		
		0.8145E+01	0.2197E-05		
		0.8429E+01	0.2202E-05		
		0.8714E+01	0.2203E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1474E-03		
		0.1211E+01	-0.1246E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8419E-04		
		0.3820E+01	-0.1251E-04		
		0.5840E+01	-0.7483E-06		
		0.7860E+01	0.1299E-05		
		0.8145E+01	0.1304E-05		
		0.8429E+01	0.1306E-05		
		0.8714E+01	0.1307E-05		
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8097E-02		
		0.6111E+00	-0.6574E-02		
		0.9159E+00	-0.5291E-02		
		0.1211E+01	-0.4249E-02		
		0.1505E+01	-0.3377E-02		
		0.1800E+01	-0.2654E-02		
		0.3820E+01	-0.3528E-03		
		0.5840E+01	-0.2171E-04		
		0.7860E+01	0.9180E-05		
		0.8145E+01	0.9210E-05		
		0.8429E+01	0.9228E-05		
		0.8714E+01	0.9234E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5626E-02		
		0.3063E+00	-0.4613E-02		
		0.6111E+00	-0.3753E-02		
		0.9159E+00	-0.3026E-02		
		0.1211E+01	-0.2434E-02		
		0.1505E+01	-0.1938E-02		
		0.1800E+01	-0.1525E-02		
		0.3820E+01	-0.2040E-03		
		0.5840E+01	-0.1259E-04		
		0.7860E+01	0.5760E-05		
		0.8145E+01	0.5779E-05		
		0.8429E+01	0.5791E-05		
		0.8714E+01	0.5795E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2529E-02		
		0.3063E+00	-0.2084E-02		
		0.6111E+00	-0.1704E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1114E-02		
		0.1505E+01	-0.8895E-03		
		0.1800E+01	-0.7021E-03		
		0.3820E+01	-0.9519E-04		
		0.5840E+01	-0.5912E-05		
		0.7860E+01	0.3559E-05		

		0.8145E+01	0.3571E-05		
		0.8429E+01	0.3578E-05		
		0.8714E+01	0.3581E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1731E-03		
		0.9159E+00	-0.1491E-03		
		0.1211E+01	-0.1266E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8648E-04		
		0.3820E+01	-0.1364E-04		
		0.5840E+01	-0.8963E-06		
		0.7860E+01	0.2165E-05		
		0.8145E+01	0.2172E-05		
		0.8429E+01	0.2177E-05		
		0.8714E+01	0.2178E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6596E-02		
		0.9159E+00	-0.5319E-02		
		0.1211E+01	-0.4282E-02		
		0.1505E+01	-0.3414E-02		
		0.1800E+01	-0.2692E-02		
		0.3820E+01	-0.3726E-03		
		0.5840E+01	-0.2458E-04		
		0.7860E+01	0.1274E-04		
		0.8145E+01	0.1278E-04		
		0.8429E+01	0.1281E-04		
		0.8714E+01	0.1282E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3766E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2454E-02		
		0.1505E+01	-0.1959E-02		
		0.1800E+01	-0.1547E-02		
		0.3820E+01	-0.2155E-03		
		0.5840E+01	-0.1426E-04		
		0.7860E+01	0.8137E-05		
		0.8145E+01	0.8162E-05		
		0.8429E+01	0.8178E-05		
		0.8714E+01	0.8184E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1710E-02		
		0.9159E+00	-0.1387E-02		
		0.1211E+01	-0.1123E-02		
		0.1505E+01	-0.8996E-03		

		0.1800E+01	-0.7126E-03		
		0.3820E+01	-0.1007E-03		
		0.5840E+01	-0.6701E-05		
		0.7860E+01	0.5119E-05		
		0.8145E+01	0.5135E-05		
		0.8429E+01	0.5145E-05		
		0.8714E+01	0.5149E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1974E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1281E-03		
		0.1505E+01	-0.1072E-03		
		0.1800E+01	-0.8824E-04		
		0.3820E+01	-0.1454E-04		
		0.5840E+01	-0.1024E-05		
		0.7860E+01	0.3172E-05		
		0.8145E+01	0.3182E-05		
		0.8429E+01	0.3188E-05		
		0.8714E+01	0.3191E-05		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*            TIME     -       10:17: 2           *
*            EXECUTION TIME    0: 2: 0           *
*                                                *
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CLR20

Lower Radnor Till Sand
Minimum Gradient = 0.00882
(Site Minimum)

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*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                   RUN DATE -   17-11- 8                   *
*                   TIME     -   10:20: 4                   *
*                                                           *
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Clinton LF No. 3 (CWU) CLR20 (LRTS 0.00882)

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SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.188E+01	.188E+02	0.380	0.000E+00	1900.000	0.6100	0.0003	0.28
12	.188E+01	.188E+02	0.380	0.000E+00	1900.000	0.6100	0.0003	0.28
13	.188E+01	.188E+02	0.380	0.000E+00	1900.000	0.6100	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2041E-07		
		0.3820E+01	-0.3180E-18		
		0.5840E+01	-0.2230E-23		
		0.7860E+01	-0.4721E-35		
		0.8145E+01	-0.6162E-34		
		0.8429E+01	-0.7516E-34		
		0.8714E+01	-0.7682E-34		
5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1160E-07		
		0.3820E+01	-0.1711E-18		
		0.5840E+01	-0.1270E-23		
		0.7860E+01	-0.6518E-34		
		0.8145E+01	-0.9453E-34		
		0.8429E+01	-0.1004E-33		
		0.8714E+01	-0.1007E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5209E-08		
		0.3820E+01	-0.6657E-19		
		0.5840E+01	-0.5735E-24		
		0.7860E+01	-0.5023E-34		
		0.8145E+01	-0.6178E-34		
		0.8429E+01	-0.6337E-34		
		0.8714E+01	-0.6316E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4439E-09		
		0.3820E+01	0.1047E-19		
		0.5840E+01	-0.5363E-25		
		0.7860E+01	-0.3861E-34		
		0.8145E+01	-0.3696E-34		
		0.8429E+01	-0.3544E-34		
		0.8714E+01	-0.3486E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4058E-04		
		0.1800E+01	-0.6986E-05		
		0.3820E+01	-0.3643E-13		
		0.5840E+01	0.1296E-17		
		0.7860E+01	-0.1241E-24		
		0.8145E+01	0.1610E-24		
		0.8429E+01	0.3047E-24		
		0.8714E+01	0.3483E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2308E-04		
		0.1800E+01	-0.3973E-05		
		0.3820E+01	-0.2073E-13		
		0.5840E+01	0.7364E-18		
		0.7860E+01	-0.3892E-24		
		0.8145E+01	-0.2252E-24		
		0.8429E+01	-0.1411E-24		
		0.8714E+01	-0.1153E-24		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1788E-05		
		0.3820E+01	-0.9337E-14		
		0.5840E+01	0.3306E-18		
		0.7860E+01	-0.2510E-24		
		0.8145E+01	-0.1746E-24		
		0.8429E+01	-0.1338E-24		
		0.8714E+01	-0.1211E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9126E-06		
		0.1800E+01	-0.1576E-06		
		0.3820E+01	-0.8377E-15		
		0.5840E+01	0.2801E-19		
		0.7860E+01	-0.6502E-25		
		0.8145E+01	-0.5328E-25		
		0.8429E+01	-0.4459E-25		
		0.8714E+01	-0.4150E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5285E-03		
		0.1505E+01	-0.1831E-03		
		0.1800E+01	-0.5399E-04		
		0.3820E+01	-0.1311E-09		
		0.5840E+01	0.1274E-15		
		0.7860E+01	-0.1846E-19		
		0.8145E+01	-0.1754E-19		
		0.8429E+01	-0.1711E-19		

		0.8714E+01	-0.1698E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3007E-03		
		0.1505E+01	-0.1042E-03		
		0.1800E+01	-0.3073E-04		
		0.3820E+01	-0.7464E-10		
		0.5840E+01	0.7225E-16		
		0.7860E+01	0.6695E-20		
		0.8145E+01	0.7389E-20		
		0.8429E+01	0.7745E-20		
		0.8714E+01	0.7855E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4694E-04		
		0.1800E+01	-0.1385E-04		
		0.3820E+01	-0.3367E-10		
		0.5840E+01	0.3231E-16		
		0.7860E+01	0.4508E-20		
		0.8145E+01	0.4859E-20		
		0.8429E+01	0.5050E-20		
		0.8714E+01	0.5110E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4241E-05		
		0.1800E+01	-0.1258E-05		
		0.3820E+01	-0.3099E-11		
		0.5840E+01	0.2545E-17		
		0.7860E+01	0.1687E-20		
		0.8145E+01	0.1749E-20		
		0.8429E+01	0.1793E-20		
		0.8714E+01	0.1809E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9206E-03		
		0.1505E+01	-0.4014E-03		
		0.1800E+01	-0.1555E-03		
		0.3820E+01	-0.8083E-08		

		0.5840E+01	-0.2385E-14		
		0.7860E+01	0.1055E-16		
		0.8145E+01	0.1065E-16		
		0.8429E+01	0.1070E-16		
		0.8714E+01	0.1072E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5241E-03		
		0.1505E+01	-0.2285E-03		
		0.1800E+01	-0.8859E-04		
		0.3820E+01	-0.4606E-08		
		0.5840E+01	-0.1361E-14		
		0.7860E+01	0.1308E-17		
		0.8145E+01	0.1352E-17		
		0.8429E+01	0.1377E-17		
		0.8714E+01	0.1385E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4833E-03		
		0.1211E+01	-0.2364E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.3999E-04		
		0.3820E+01	-0.2082E-08		
		0.5840E+01	-0.6169E-15		
		0.7860E+01	-0.1406E-17		
		0.8145E+01	-0.1397E-17		
		0.8429E+01	-0.1393E-17		
		0.8714E+01	-0.1392E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4378E-04		
		0.1211E+01	-0.2168E-04		
		0.1505E+01	-0.9548E-05		
		0.1800E+01	-0.3728E-05		
		0.3820E+01	-0.1981E-09		
		0.5840E+01	-0.6161E-16		
		0.7860E+01	-0.1041E-17		
		0.8145E+01	-0.1045E-17		
		0.8429E+01	-0.1047E-17		
		0.8714E+01	-0.1048E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.1211E+01	-0.1300E-02		
		0.1505E+01	-0.6521E-03		
		0.1800E+01	-0.2982E-03		
		0.3820E+01	-0.9831E-07		
		0.5840E+01	-0.2421E-12		
		0.7860E+01	-0.2999E-15		
		0.8145E+01	-0.3019E-15		
		0.8429E+01	-0.3030E-15		
		0.8714E+01	-0.3034E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7405E-03		
		0.1505E+01	-0.3715E-03		
		0.1800E+01	-0.1700E-03		
		0.3820E+01	-0.5607E-07		
		0.5840E+01	-0.1381E-12		
		0.7860E+01	-0.7333E-16		
		0.8145E+01	-0.7462E-16		
		0.8429E+01	-0.7536E-16		
		0.8714E+01	-0.7561E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6091E-03		
		0.1211E+01	-0.3344E-03		
		0.1505E+01	-0.1679E-03		
		0.1800E+01	-0.7684E-04		
		0.3820E+01	-0.2539E-07		
		0.5840E+01	-0.6257E-13		
		0.7860E+01	0.4309E-16		
		0.8145E+01	0.4274E-16		
		0.8429E+01	0.4255E-16		
		0.8714E+01	0.4249E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9336E-04		
		0.9159E+00	-0.5608E-04		
		0.1211E+01	-0.3127E-04		
		0.1505E+01	-0.1588E-04		
		0.1800E+01	-0.7336E-05		
		0.3820E+01	-0.2492E-08		
		0.5840E+01	-0.6187E-14		
		0.7860E+01	0.4986E-16		
		0.8145E+01	0.4999E-16		
		0.8429E+01	0.5007E-16		
		0.8714E+01	0.5010E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.9079E-03		
		0.1800E+01	-0.4641E-03		
		0.3820E+01	-0.5269E-06		
		0.5840E+01	-0.1066E-10		
		0.7860E+01	0.2310E-14		
		0.8145E+01	0.2326E-14		
		0.8429E+01	0.2335E-14		
		0.8714E+01	0.2338E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1583E-02		
		0.1211E+01	-0.9385E-03		
		0.1505E+01	-0.5175E-03		
		0.1800E+01	-0.2647E-03		
		0.3820E+01	-0.3007E-06		
		0.5840E+01	-0.6088E-11		
		0.7860E+01	0.1082E-15		
		0.8145E+01	0.1172E-15		
		0.8429E+01	0.1225E-15		
		0.8714E+01	0.1243E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7146E-03		
		0.1211E+01	-0.4242E-03		
		0.1505E+01	-0.2341E-03		
		0.1800E+01	-0.1198E-03		
		0.3820E+01	-0.1364E-06		
		0.5840E+01	-0.2764E-11		
		0.7860E+01	-0.8625E-15		
		0.8145E+01	-0.8617E-15		
		0.8429E+01	-0.8612E-15		
		0.8714E+01	-0.8612E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6677E-04		
		0.1211E+01	-0.4036E-04		
		0.1505E+01	-0.2260E-04		
		0.1800E+01	-0.1169E-04		
		0.3820E+01	-0.1378E-07		
		0.5840E+01	-0.2820E-12		
		0.7860E+01	-0.7158E-15		
		0.8145E+01	-0.7185E-15		
		0.8429E+01	-0.7201E-15		
		0.8714E+01	-0.7207E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1155E-02		
		0.1800E+01	-0.6395E-03		
		0.3820E+01	-0.1761E-05		
		0.5840E+01	-0.1578E-09		
		0.7860E+01	-0.1504E-14		
		0.8145E+01	-0.1552E-14		
		0.8429E+01	-0.1582E-14		
		0.8714E+01	-0.1592E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.6585E-03		
		0.1800E+01	-0.3648E-03		
		0.3820E+01	-0.1006E-05		
		0.5840E+01	-0.9018E-10		
		0.7860E+01	0.6896E-14		
		0.8145E+01	0.6892E-14		
		0.8429E+01	0.6890E-14		
		0.8714E+01	0.6890E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8035E-03		
		0.1211E+01	-0.5047E-03		
		0.1505E+01	-0.2982E-03		
		0.1800E+01	-0.1654E-03		
		0.3820E+01	-0.4572E-06		
		0.5840E+01	-0.4102E-10		
		0.7860E+01	0.6968E-14		
		0.8145E+01	0.6992E-14		
		0.8429E+01	0.7007E-14		
		0.8714E+01	0.7012E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7607E-04		
		0.1211E+01	-0.4879E-04		
		0.1505E+01	-0.2931E-04		
		0.1800E+01	-0.1646E-04		
		0.3820E+01	-0.4745E-07		
		0.5840E+01	-0.4312E-11		
		0.7860E+01	0.2911E-14		
		0.8145E+01	0.2934E-14		

		0.8429E+01	0.2949E-14		
		0.8714E+01	0.2954E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3411E-02		
		0.1211E+01	-0.2231E-02		
		0.1505E+01	-0.1386E-02		
		0.1800E+01	-0.8153E-03		
		0.3820E+01	-0.4371E-05		
		0.5840E+01	-0.1198E-08		
		0.7860E+01	-0.3992E-13		
		0.8145E+01	-0.3975E-13		
		0.8429E+01	-0.3966E-13		
		0.8714E+01	-0.3964E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1272E-02		
		0.1505E+01	-0.7908E-03		
		0.1800E+01	-0.4654E-03		
		0.3820E+01	-0.2498E-05		
		0.5840E+01	-0.6852E-09		
		0.7860E+01	-0.3250E-13		
		0.8145E+01	-0.3252E-13		
		0.8429E+01	-0.3254E-13		
		0.8714E+01	-0.3256E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8790E-03		
		0.1211E+01	-0.5762E-03		
		0.1505E+01	-0.3585E-03		
		0.1800E+01	-0.2112E-03		
		0.3820E+01	-0.1138E-05		
		0.5840E+01	-0.3123E-09		
		0.7860E+01	-0.9016E-14		
		0.8145E+01	-0.9085E-14		
		0.8429E+01	-0.9131E-14		
		0.8714E+01	-0.9148E-14		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1200E-03		
		0.9159E+00	-0.8423E-04		
		0.1211E+01	-0.5652E-04		
		0.1505E+01	-0.3582E-04		
		0.1800E+01	-0.2142E-04		

		0.3820E+01	-0.1211E-06		
		0.5840E+01	-0.3377E-10		
		0.7860E+01	0.9451E-14		
		0.8145E+01	0.9414E-14		
		0.8429E+01	0.9394E-14		
		0.8714E+01	0.9388E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7209E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3658E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1599E-02		
		0.1800E+01	-0.9863E-03		
		0.3820E+01	-0.8885E-05		
		0.5840E+01	-0.5817E-08		
		0.7860E+01	0.6879E-13		
		0.8145E+01	0.7255E-13		
		0.8429E+01	0.7448E-13		
		0.8714E+01	0.7508E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2987E-02		
		0.9159E+00	-0.2085E-02		
		0.1211E+01	-0.1411E-02		
		0.1505E+01	-0.9130E-03		
		0.1800E+01	-0.5633E-03		
		0.3820E+01	-0.5083E-05		
		0.5840E+01	-0.3330E-08		
		0.7860E+01	-0.2770E-13		
		0.8145E+01	-0.2559E-13		
		0.8429E+01	-0.2449E-13		
		0.8714E+01	-0.2415E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1349E-02		
		0.9159E+00	-0.9437E-03		
		0.1211E+01	-0.6397E-03		
		0.1505E+01	-0.4144E-03		
		0.1800E+01	-0.2559E-03		
		0.3820E+01	-0.2318E-05		
		0.5840E+01	-0.1521E-08		
		0.7860E+01	-0.6999E-13		
		0.8145E+01	-0.6915E-13		
		0.8429E+01	-0.6872E-13		
		0.8714E+01	-0.6859E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1263E-03		

		0.9159E+00	-0.9143E-04		
		0.1211E+01	-0.6360E-04		
		0.1505E+01	-0.4205E-04		
		0.1800E+01	-0.2640E-04		
		0.3820E+01	-0.2529E-06		
		0.5840E+01	-0.1689E-09		
		0.7860E+01	-0.5877E-13		
		0.8145E+01	-0.5885E-13		
		0.8429E+01	-0.5889E-13		
		0.8714E+01	-0.5890E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5427E-02		
		0.9159E+00	-0.3871E-02		
		0.1211E+01	-0.2689E-02		
		0.1505E+01	-0.1795E-02		
		0.1800E+01	-0.1149E-02		
		0.3820E+01	-0.1569E-04		
		0.5840E+01	-0.2062E-07		
		0.7860E+01	0.5429E-12		
		0.8145E+01	0.5726E-12		
		0.8429E+01	0.5876E-12		
		0.8714E+01	0.5923E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2207E-02		
		0.1211E+01	-0.1535E-02		
		0.1505E+01	-0.1025E-02		
		0.1800E+01	-0.6568E-03		
		0.3820E+01	-0.8983E-05		
		0.5840E+01	-0.1181E-07		
		0.7860E+01	0.2377E-12		
		0.8145E+01	0.2545E-12		
		0.8429E+01	0.2631E-12		
		0.8714E+01	0.2658E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.9995E-03		
		0.1211E+01	-0.6961E-03		
		0.1505E+01	-0.4657E-03		
		0.1800E+01	-0.2987E-03		
		0.3820E+01	-0.4104E-05		
		0.5840E+01	-0.5406E-08		
		0.7860E+01	0.6542E-13		
		0.8145E+01	0.7353E-13		
		0.8429E+01	0.7788E-13		
		0.8714E+01	0.7925E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1695E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9784E-04		
		0.1211E+01	-0.7006E-04		
		0.1505E+01	-0.4794E-04		
		0.1800E+01	-0.3131E-04		
		0.3820E+01	-0.4580E-06		
		0.5840E+01	-0.6159E-09		
		0.7860E+01	-0.5750E-13		
		0.8145E+01	-0.5601E-13		
		0.8429E+01	-0.5496E-13		
		0.8714E+01	-0.5460E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.4056E-02		
		0.1211E+01	-0.2879E-02		
		0.1505E+01	-0.1974E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.2500E-04		
		0.5840E+01	-0.5814E-07		
		0.7860E+01	0.4113E-11		
		0.8145E+01	0.4295E-11		
		0.8429E+01	0.4389E-11		
		0.8714E+01	0.4418E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4236E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1644E-02		
		0.1505E+01	-0.1128E-02		
		0.1800E+01	-0.7451E-03		
		0.3820E+01	-0.1432E-04		
		0.5840E+01	-0.3333E-07		
		0.7860E+01	0.1215E-11		
		0.8145E+01	0.1312E-11		
		0.8429E+01	0.1362E-11		
		0.8714E+01	0.1377E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7463E-03		
		0.1505E+01	-0.5127E-03		
		0.1800E+01	-0.3392E-03		
		0.3820E+01	-0.6554E-05		
		0.5840E+01	-0.1528E-07		
		0.7860E+01	0.5303E-12		

		0.8145E+01	0.5746E-12		
		0.8429E+01	0.5982E-12		
		0.8714E+01	0.6056E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1367E-03		
		0.9159E+00	-0.1036E-03		
		0.1211E+01	-0.7599E-04		
		0.1505E+01	-0.5348E-04		
		0.1800E+01	-0.3609E-04		
		0.3820E+01	-0.7474E-06		
		0.5840E+01	-0.1784E-08		
		0.7860E+01	0.2918E-12		
		0.8145E+01	0.2998E-12		
		0.8429E+01	0.3054E-12		
		0.8714E+01	0.3074E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5718E-02		
		0.9159E+00	-0.4217E-02		
		0.1211E+01	-0.3049E-02		
		0.1505E+01	-0.2136E-02		
		0.1800E+01	-0.1448E-02		
		0.3820E+01	-0.3686E-04		
		0.5840E+01	-0.1379E-06		
		0.7860E+01	0.3273E-10		
		0.8145E+01	0.3360E-10		
		0.8429E+01	0.3406E-10		
		0.8714E+01	0.3420E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2406E-02		
		0.1211E+01	-0.1741E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.8279E-03		
		0.3820E+01	-0.2113E-04		
		0.5840E+01	-0.7914E-07		
		0.7860E+01	0.9246E-11		
		0.8145E+01	0.9690E-11		
		0.8429E+01	0.9922E-11		
		0.8714E+01	0.9995E-11		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.7911E-03		
		0.1505E+01	-0.5556E-03		

		0.1800E+01	-0.3773E-03		
		0.3820E+01	-0.9686E-05		
		0.5840E+01	-0.3634E-07		
		0.7860E+01	0.2689E-11		
		0.8145E+01	0.2885E-11		
		0.8429E+01	0.2991E-11		
		0.8714E+01	0.3024E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1410E-03		
		0.9159E+00	-0.1087E-03		
		0.1211E+01	-0.8142E-04		
		0.1505E+01	-0.5869E-04		
		0.1800E+01	-0.4071E-04		
		0.3820E+01	-0.1127E-05		
		0.5840E+01	-0.4342E-08		
		0.7860E+01	0.1166E-11		
		0.8145E+01	0.1199E-11		
		0.8429E+01	0.1222E-11		
		0.8714E+01	0.1231E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9707E-02		
		0.3063E+00	-0.7613E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4359E-02		
		0.1211E+01	-0.3201E-02		
		0.1505E+01	-0.2284E-02		
		0.1800E+01	-0.1582E-02		
		0.3820E+01	-0.5119E-04		
		0.5840E+01	-0.2864E-06		
		0.7860E+01	0.1931E-09		
		0.8145E+01	0.1965E-09		
		0.8429E+01	0.1983E-09		
		0.8714E+01	0.1989E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4334E-02		
		0.6111E+00	-0.3326E-02		
		0.9159E+00	-0.2488E-02		
		0.1211E+01	-0.1828E-02		
		0.1505E+01	-0.1306E-02		
		0.1800E+01	-0.9051E-03		
		0.3820E+01	-0.2937E-04		
		0.5840E+01	-0.1645E-06		
		0.7860E+01	0.6226E-10		
		0.8145E+01	0.6395E-10		
		0.8429E+01	0.6484E-10		
		0.8714E+01	0.6513E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2478E-02		
		0.3063E+00	-0.1954E-02		

		0.6111E+00	-0.1505E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.8312E-03		
		0.1505E+01	-0.5948E-03		
		0.1800E+01	-0.4129E-03		
		0.3820E+01	-0.1348E-04		
		0.5840E+01	-0.7566E-07		
		0.7860E+01	0.1901E-10		
		0.8145E+01	0.1974E-10		
		0.8429E+01	0.2014E-10		
		0.8714E+01	0.2027E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1784E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.8641E-04		
		0.1505E+01	-0.6357E-04		
		0.1800E+01	-0.4514E-04		
		0.3820E+01	-0.1600E-05		
		0.5840E+01	-0.9244E-08		
		0.7860E+01	0.6069E-11		
		0.8145E+01	0.6204E-11		
		0.8429E+01	0.6297E-11		
		0.8714E+01	0.6329E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7681E-02		
		0.6111E+00	-0.5938E-02		
		0.9159E+00	-0.4484E-02		
		0.1211E+01	-0.3337E-02		
		0.1505E+01	-0.2419E-02		
		0.1800E+01	-0.1707E-02		
		0.3820E+01	-0.6780E-04		
		0.5840E+01	-0.5354E-06		
		0.7860E+01	0.8775E-09		
		0.8145E+01	0.8886E-09		
		0.8429E+01	0.8947E-09		
		0.8714E+01	0.8967E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2560E-02		
		0.1211E+01	-0.1907E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.9769E-03		
		0.3820E+01	-0.3892E-04		
		0.5840E+01	-0.3078E-06		
		0.7860E+01	0.3160E-09		
		0.8145E+01	0.3215E-09		
		0.8429E+01	0.3245E-09		
		0.8714E+01	0.3254E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1972E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1162E-02		
		0.1211E+01	-0.8673E-03		
		0.1505E+01	-0.6307E-03		
		0.1800E+01	-0.4460E-03		
		0.3820E+01	-0.1789E-04		
		0.5840E+01	-0.1418E-06		
		0.7860E+01	0.1089E-09		
		0.8145E+01	0.1113E-09		
		0.8429E+01	0.1126E-09		
		0.8714E+01	0.1130E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1807E-03		
		0.6111E+00	-0.1484E-03		
		0.9159E+00	-0.1177E-03		
		0.1211E+01	-0.9102E-04		
		0.1505E+01	-0.6815E-04		
		0.1800E+01	-0.4937E-04		
		0.3820E+01	-0.2164E-05		
		0.5840E+01	-0.1770E-07		
		0.7860E+01	0.3666E-10		
		0.8145E+01	0.3716E-10		
		0.8429E+01	0.3750E-10		
		0.8714E+01	0.3762E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6028E-02		
		0.9159E+00	-0.4596E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2542E-02		
		0.1800E+01	-0.1822E-02		
		0.3820E+01	-0.8645E-04		
		0.5840E+01	-0.9204E-06		
		0.7860E+01	0.3258E-08		
		0.8145E+01	0.3290E-08		
		0.8429E+01	0.3308E-08		
		0.8714E+01	0.3314E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2624E-02		
		0.1211E+01	-0.1977E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.1044E-02		
		0.3820E+01	-0.4966E-04		
		0.5840E+01	-0.5294E-06		

		0.7860E+01	0.1279E-08		
		0.8145E+01	0.1295E-08		
		0.8429E+01	0.1303E-08		
		0.8714E+01	0.1306E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1556E-02		
		0.9159E+00	-0.1191E-02		
		0.1211E+01	-0.8998E-03		
		0.1505E+01	-0.6635E-03		
		0.1800E+01	-0.4769E-03		
		0.3820E+01	-0.2286E-04		
		0.5840E+01	-0.2444E-06		
		0.7860E+01	0.4850E-09		
		0.8145E+01	0.4919E-09		
		0.8429E+01	0.4958E-09		
		0.8714E+01	0.4971E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1515E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9528E-04		
		0.1505E+01	-0.7243E-04		
		0.1800E+01	-0.5341E-04		
		0.3820E+01	-0.2814E-05		
		0.5840E+01	-0.3114E-07		
		0.7860E+01	0.1792E-09		
		0.8145E+01	0.1809E-09		
		0.8429E+01	0.1820E-09		
		0.8714E+01	0.1824E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.1211E+01	-0.3569E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1930E-02		
		0.3820E+01	-0.1069E-03		
		0.5840E+01	-0.1477E-05		
		0.7860E+01	0.1030E-07		
		0.8145E+01	0.1038E-07		
		0.8429E+01	0.1043E-07		
		0.8714E+01	0.1044E-07		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2681E-02		
		0.1211E+01	-0.2040E-02		

		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1105E-02		
		0.3820E+01	-0.6143E-04		
		0.5840E+01	-0.8505E-06		
		0.7860E+01	0.4339E-08		
		0.8145E+01	0.4380E-08		
		0.8429E+01	0.4403E-08		
		0.8714E+01	0.4411E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1218E-02		
		0.1211E+01	-0.9292E-03		
		0.1505E+01	-0.6935E-03		
		0.1800E+01	-0.5055E-03		
		0.3820E+01	-0.2832E-04		
		0.5840E+01	-0.3933E-06		
		0.7860E+01	0.1775E-08		
		0.8145E+01	0.1794E-08		
		0.8429E+01	0.1804E-08		
		0.8714E+01	0.1808E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1544E-03		
		0.9159E+00	-0.1251E-03		
		0.1211E+01	-0.9922E-04		
		0.1505E+01	-0.7646E-04		
		0.1800E+01	-0.5725E-04		
		0.3820E+01	-0.3545E-05		
		0.5840E+01	-0.5109E-07		
		0.7860E+01	0.7088E-09		
		0.8145E+01	0.7141E-09		
		0.8429E+01	0.7174E-09		
		0.8714E+01	0.7186E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4785E-02		
		0.1211E+01	-0.3668E-02		
		0.1505E+01	-0.2757E-02		
		0.1800E+01	-0.2029E-02		
		0.3820E+01	-0.1288E-03		
		0.5840E+01	-0.2241E-05		
		0.7860E+01	0.2852E-07		
		0.8145E+01	0.2871E-07		
		0.8429E+01	0.2883E-07		
		0.8714E+01	0.2886E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3524E-02		
		0.9159E+00	-0.2733E-02		
		0.1211E+01	-0.2098E-02		
		0.1505E+01	-0.1578E-02		
		0.1800E+01	-0.1163E-02		
		0.3820E+01	-0.7406E-04		
		0.5840E+01	-0.1291E-05		
		0.7860E+01	0.1277E-07		
		0.8145E+01	0.1287E-07		
		0.8429E+01	0.1293E-07		
		0.8714E+01	0.1295E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1242E-02		
		0.1211E+01	-0.9559E-03		
		0.1505E+01	-0.7210E-03		
		0.1800E+01	-0.5322E-03		
		0.3820E+01	-0.3419E-04		
		0.5840E+01	-0.5980E-06		
		0.7860E+01	0.5569E-08		
		0.8145E+01	0.5615E-08		
		0.8429E+01	0.5641E-08		
		0.8714E+01	0.5650E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1864E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1029E-03		
		0.1505E+01	-0.8023E-04		
		0.1800E+01	-0.6090E-04		
		0.3820E+01	-0.4350E-05		
		0.5840E+01	-0.7916E-07		
		0.7860E+01	0.2372E-08		
		0.8145E+01	0.2387E-08		
		0.8429E+01	0.2396E-08		
		0.8714E+01	0.2399E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7882E-02		
		0.6111E+00	-0.6243E-02		
		0.9159E+00	-0.4865E-02		
		0.1211E+01	-0.3759E-02		
		0.1505E+01	-0.2851E-02		
		0.1800E+01	-0.2121E-02		
		0.3820E+01	-0.1519E-03		
		0.5840E+01	-0.3242E-05		
		0.7860E+01	0.7077E-07		
		0.8145E+01	0.7119E-07		
		0.8429E+01	0.7144E-07		

		0.8714E+01	0.7153E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4489E-02		
		0.6111E+00	-0.3561E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.2150E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.1216E-02		
		0.3820E+01	-0.8740E-04		
		0.5840E+01	-0.1869E-05		
		0.7860E+01	0.3344E-07		
		0.8145E+01	0.3366E-07		
		0.8429E+01	0.3378E-07		
		0.8714E+01	0.3383E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1263E-02		
		0.1211E+01	-0.9802E-03		
		0.1505E+01	-0.7463E-03		
		0.1800E+01	-0.5569E-03		
		0.3820E+01	-0.4040E-04		
		0.5840E+01	-0.8673E-06		
		0.7860E+01	0.1541E-07		
		0.8145E+01	0.1551E-07		
		0.8429E+01	0.1557E-07		
		0.8714E+01	0.1559E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1879E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1314E-03		
		0.1211E+01	-0.1063E-03		
		0.1505E+01	-0.8377E-04		
		0.1800E+01	-0.6436E-04		
		0.3820E+01	-0.5220E-05		
		0.5840E+01	-0.1169E-06		
		0.7860E+01	0.6938E-08		
		0.8145E+01	0.6976E-08		
		0.8429E+01	0.7000E-08		
		0.8714E+01	0.7008E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7919E-02		
		0.6111E+00	-0.6300E-02		
		0.9159E+00	-0.4937E-02		
		0.1211E+01	-0.3841E-02		
		0.1505E+01	-0.2938E-02		
		0.1800E+01	-0.2206E-02		
		0.3820E+01	-0.1759E-03		

		0.5840E+01	-0.4507E-05		
		0.7860E+01	0.1601E-06		
		0.8145E+01	0.1609E-06		
		0.8429E+01	0.1614E-06		
		0.8714E+01	0.1616E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2821E-02		
		0.1211E+01	-0.2197E-02		
		0.1505E+01	-0.1683E-02		
		0.1800E+01	-0.1265E-02		
		0.3820E+01	-0.1013E-03		
		0.5840E+01	-0.2601E-05		
		0.7860E+01	0.7930E-07		
		0.8145E+01	0.7975E-07		
		0.8429E+01	0.8002E-07		
		0.8714E+01	0.8011E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1629E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7695E-03		
		0.1800E+01	-0.5799E-03		
		0.3820E+01	-0.4688E-04		
		0.5840E+01	-0.1209E-05		
		0.7860E+01	0.3837E-07		
		0.8145E+01	0.3859E-07		
		0.8429E+01	0.3872E-07		
		0.8714E+01	0.3877E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1616E-03		
		0.9159E+00	-0.1342E-03		
		0.1211E+01	-0.1094E-03		
		0.1505E+01	-0.8710E-04		
		0.1800E+01	-0.6766E-04		
		0.3820E+01	-0.6148E-05		
		0.5840E+01	-0.1658E-06		
		0.7860E+01	0.1815E-07		
		0.8145E+01	0.1825E-07		
		0.8429E+01	0.1830E-07		
		0.8714E+01	0.1832E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7953E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.5003E-02		

		0.1211E+01	-0.3915E-02		
		0.1505E+01	-0.3017E-02		
		0.1800E+01	-0.2285E-02		
		0.3820E+01	-0.2006E-03		
		0.5840E+01	-0.6058E-05		
		0.7860E+01	0.3346E-06		
		0.8145E+01	0.3362E-06		
		0.8429E+01	0.3372E-06		
		0.8714E+01	0.3376E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5594E-02		
		0.3063E+00	-0.4530E-02		
		0.6111E+00	-0.3624E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2241E-02		
		0.1505E+01	-0.1728E-02		
		0.1800E+01	-0.1311E-02		
		0.3820E+01	-0.1156E-03		
		0.5840E+01	-0.3498E-05		
		0.7860E+01	0.1729E-06		
		0.8145E+01	0.1738E-06		
		0.8429E+01	0.1743E-06		
		0.8714E+01	0.1745E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2514E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1643E-02		
		0.9159E+00	-0.1301E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.7910E-03		
		0.1800E+01	-0.6013E-03		
		0.3820E+01	-0.5357E-04		
		0.5840E+01	-0.1628E-05		
		0.7860E+01	0.8739E-07		
		0.8145E+01	0.8785E-07		
		0.8429E+01	0.8812E-07		
		0.8714E+01	0.8821E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1636E-03		
		0.9159E+00	-0.1368E-03		
		0.1211E+01	-0.1124E-03		
		0.1505E+01	-0.9023E-04		
		0.1800E+01	-0.7078E-04		
		0.3820E+01	-0.7126E-05		
		0.5840E+01	-0.2271E-06		
		0.7860E+01	0.4323E-07		
		0.8145E+01	0.4343E-07		
		0.8429E+01	0.4355E-07		
		0.8714E+01	0.4360E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02			
		0.3063E+00	-0.7983E-02			
		0.6111E+00	-0.6398E-02			
		0.9159E+00	-0.5063E-02			
		0.1211E+01	-0.3984E-02			
		0.1505E+01	-0.3089E-02			
		0.1800E+01	-0.2359E-02			
		0.3820E+01	-0.2258E-03			
		0.5840E+01	-0.7907E-05			
		0.7860E+01	0.6536E-06			
		0.8145E+01	0.6565E-06			
		0.8429E+01	0.6583E-06			
		0.8714E+01	0.6589E-06			
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00	
		0.1500E-02	-0.5600E-02			
		0.3063E+00	-0.4547E-02			
		0.6111E+00	-0.3651E-02			
		0.9159E+00	-0.2894E-02			
		0.1211E+01	-0.2280E-02			
		0.1505E+01	-0.1771E-02			
		0.1800E+01	-0.1353E-02			
		0.3820E+01	-0.1302E-03			
		0.5840E+01	-0.4569E-05			
		0.7860E+01	0.3508E-06			
		0.8145E+01	0.3525E-06			
		0.8429E+01	0.3534E-06			
		0.8714E+01	0.3538E-06			
.1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00	
		0.1500E-02	-0.2517E-02			
		0.3063E+00	-0.2053E-02			
		0.6111E+00	-0.1655E-02			
		0.9159E+00	-0.1317E-02			
		0.1211E+01	-0.1041E-02			
		0.1505E+01	-0.8107E-03			
		0.1800E+01	-0.6212E-03			
		0.3820E+01	-0.6041E-04			
		0.5840E+01	-0.2130E-05			
		0.7860E+01	0.1844E-06			
		0.8145E+01	0.1853E-06			
		0.8429E+01	0.1858E-06			
		0.8714E+01	0.1860E-06			
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00	
		0.1500E-02	-0.2168E-03			
		0.3063E+00	-0.1919E-03			
		0.6111E+00	-0.1655E-03			
		0.9159E+00	-0.1392E-03			
		0.1211E+01	-0.1152E-03			
		0.1505E+01	-0.9317E-04			
		0.1800E+01	-0.7375E-04			
		0.3820E+01	-0.8146E-05			
		0.5840E+01	-0.3019E-06			
		0.7860E+01	0.9496E-07			
		0.8145E+01	0.9537E-07			
		0.8429E+01	0.9562E-07			
		0.8714E+01	0.9571E-07			

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8010E-02		
		0.6111E+00	-0.6440E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.4046E-02		
		0.1505E+01	-0.3157E-02		
		0.1800E+01	-0.2427E-02		
		0.3820E+01	-0.2513E-03		
		0.5840E+01	-0.1006E-04		
		0.7860E+01	0.1204E-05		
		0.8145E+01	0.1209E-05		
		0.8429E+01	0.1212E-05		
		0.8714E+01	0.1213E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4563E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1393E-02		
		0.3820E+01	-0.1450E-03		
		0.5840E+01	-0.5820E-05		
		0.7860E+01	0.6687E-06		
		0.8145E+01	0.6716E-06		
		0.8429E+01	0.6733E-06		
		0.8714E+01	0.6740E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1332E-02		
		0.1211E+01	-0.1058E-02		
		0.1505E+01	-0.8290E-03		
		0.1800E+01	-0.6397E-03		
		0.3820E+01	-0.6734E-04		
		0.5840E+01	-0.2717E-05		
		0.7860E+01	0.3642E-06		
		0.8145E+01	0.3658E-06		
		0.8429E+01	0.3667E-06		
		0.8714E+01	0.3671E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1930E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9595E-04		
		0.1800E+01	-0.7657E-04		
		0.3820E+01	-0.9200E-05		
		0.5840E+01	-0.3911E-06		
		0.7860E+01	0.1945E-06		
		0.8145E+01	0.1953E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.1958E-06		
		0.8714E+01	0.1960E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8035E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5166E-02		
		0.1211E+01	-0.4103E-02		
		0.1505E+01	-0.3218E-02		
		0.1800E+01	-0.2490E-02		
		0.3820E+01	-0.2769E-03		
		0.5840E+01	-0.1253E-04		
		0.7860E+01	0.2106E-05		
		0.8145E+01	0.2115E-05		
		0.8429E+01	0.2120E-05		
		0.8714E+01	0.2122E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3697E-02		
		0.9159E+00	-0.2954E-02		
		0.1211E+01	-0.2350E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.1598E-03		
		0.5840E+01	-0.7251E-05		
		0.7860E+01	0.1207E-05		
		0.8145E+01	0.1212E-05		
		0.8429E+01	0.1215E-05		
		0.8714E+01	0.1216E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1345E-02		
		0.1211E+01	-0.1074E-02		
		0.1505E+01	-0.8459E-03		
		0.1800E+01	-0.6570E-03		
		0.3820E+01	-0.7433E-04		
		0.5840E+01	-0.3390E-05		
		0.7860E+01	0.6790E-06		
		0.8145E+01	0.6818E-06		
		0.8429E+01	0.6834E-06		
		0.8714E+01	0.6841E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1436E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7924E-04		

		0.3820E+01	-0.1028E-04		
		0.5840E+01	-0.4952E-06		
		0.7860E+01	0.3749E-06		
		0.8145E+01	0.3763E-06		
		0.8429E+01	0.3772E-06		
		0.8714E+01	0.3775E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9881E-02		
		0.3063E+00	-0.8057E-02		
		0.6111E+00	-0.6513E-02		
		0.9159E+00	-0.5212E-02		
		0.1211E+01	-0.4156E-02		
		0.1505E+01	-0.3276E-02		
		0.1800E+01	-0.2549E-02		
		0.3820E+01	-0.3024E-03		
		0.5840E+01	-0.1530E-04		
		0.7860E+01	0.3524E-05		
		0.8145E+01	0.3537E-05		
		0.8429E+01	0.3545E-05		
		0.8714E+01	0.3548E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2980E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1879E-02		
		0.1800E+01	-0.1464E-02		
		0.3820E+01	-0.1747E-03		
		0.5840E+01	-0.8862E-05		
		0.7860E+01	0.2078E-05		
		0.8145E+01	0.2086E-05		
		0.8429E+01	0.2091E-05		
		0.8714E+01	0.2092E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1687E-02		
		0.9159E+00	-0.1358E-02		
		0.1211E+01	-0.1088E-02		
		0.1505E+01	-0.8615E-03		
		0.1800E+01	-0.6731E-03		
		0.3820E+01	-0.8132E-04		
		0.5840E+01	-0.4149E-05		
		0.7860E+01	0.1204E-05		
		0.8145E+01	0.1208E-05		
		0.8429E+01	0.1211E-05		
		0.8714E+01	0.1212E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		

		0.9159E+00	-0.1455E-03		
		0.1211E+01	-0.1224E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8178E-04		
		0.3820E+01	-0.1139E-04		
		0.5840E+01	-0.6145E-06		
		0.7860E+01	0.6849E-06		
		0.8145E+01	0.6874E-06		
		0.8429E+01	0.6890E-06		
		0.8714E+01	0.6895E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8078E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4204E-02		
		0.1505E+01	-0.3328E-02		
		0.1800E+01	-0.2603E-02		
		0.3820E+01	-0.3277E-03		
		0.5840E+01	-0.1837E-04		
		0.7860E+01	0.5668E-05		
		0.8145E+01	0.5687E-05		
		0.8429E+01	0.5700E-05		
		0.8714E+01	0.5704E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4602E-02		
		0.6111E+00	-0.3736E-02		
		0.9159E+00	-0.3004E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1909E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.1894E-03		
		0.5840E+01	-0.1065E-04		
		0.7860E+01	0.3430E-05		
		0.8145E+01	0.3442E-05		
		0.8429E+01	0.3449E-05		
		0.8714E+01	0.3452E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1101E-02		
		0.1505E+01	-0.8760E-03		
		0.1800E+01	-0.6881E-03		
		0.3820E+01	-0.8828E-04		
		0.5840E+01	-0.4991E-05		
		0.7860E+01	0.2041E-05		
		0.8145E+01	0.2048E-05		
		0.8429E+01	0.2053E-05		
		0.8714E+01	0.2054E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1474E-03		
		0.1211E+01	-0.1246E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8419E-04		
		0.3820E+01	-0.1251E-04		
		0.5840E+01	-0.7487E-06		
		0.7860E+01	0.1194E-05		
		0.8145E+01	0.1198E-05		
		0.8429E+01	0.1201E-05		
		0.8714E+01	0.1202E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8097E-02		
		0.6111E+00	-0.6574E-02		
		0.9159E+00	-0.5291E-02		
		0.1211E+01	-0.4249E-02		
		0.1505E+01	-0.3377E-02		
		0.1800E+01	-0.2654E-02		
		0.3820E+01	-0.3528E-03		
		0.5840E+01	-0.2171E-04		
		0.7860E+01	0.8799E-05		
		0.8145E+01	0.8829E-05		
		0.8429E+01	0.8847E-05		
		0.8714E+01	0.8853E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5626E-02		
		0.3063E+00	-0.4613E-02		
		0.6111E+00	-0.3753E-02		
		0.9159E+00	-0.3026E-02		
		0.1211E+01	-0.2434E-02		
		0.1505E+01	-0.1938E-02		
		0.1800E+01	-0.1525E-02		
		0.3820E+01	-0.2040E-03		
		0.5840E+01	-0.1259E-04		
		0.7860E+01	0.5453E-05		
		0.8145E+01	0.5472E-05		
		0.8429E+01	0.5483E-05		
		0.8714E+01	0.5487E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2529E-02		
		0.3063E+00	-0.2084E-02		
		0.6111E+00	-0.1704E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1114E-02		
		0.1505E+01	-0.8895E-03		
		0.1800E+01	-0.7021E-03		
		0.3820E+01	-0.9519E-04		
		0.5840E+01	-0.5913E-05		
		0.7860E+01	0.3326E-05		

		0.8145E+01	0.3337E-05		
		0.8429E+01	0.3344E-05		
		0.8714E+01	0.3347E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1731E-03		
		0.9159E+00	-0.1491E-03		
		0.1211E+01	-0.1266E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8648E-04		
		0.3820E+01	-0.1364E-04		
		0.5840E+01	-0.8970E-06		
		0.7860E+01	0.1996E-05		
		0.8145E+01	0.2003E-05		
		0.8429E+01	0.2007E-05		
		0.8714E+01	0.2008E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6596E-02		
		0.9159E+00	-0.5319E-02		
		0.1211E+01	-0.4282E-02		
		0.1505E+01	-0.3414E-02		
		0.1800E+01	-0.2692E-02		
		0.3820E+01	-0.3726E-03		
		0.5840E+01	-0.2458E-04		
		0.7860E+01	0.1223E-04		
		0.8145E+01	0.1227E-04		
		0.8429E+01	0.1229E-04		
		0.8714E+01	0.1230E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3766E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2454E-02		
		0.1505E+01	-0.1959E-02		
		0.1800E+01	-0.1547E-02		
		0.3820E+01	-0.2155E-03		
		0.5840E+01	-0.1427E-04		
		0.7860E+01	0.7715E-05		
		0.8145E+01	0.7740E-05		
		0.8429E+01	0.7756E-05		
		0.8714E+01	0.7761E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1710E-02		
		0.9159E+00	-0.1387E-02		
		0.1211E+01	-0.1123E-02		
		0.1505E+01	-0.8996E-03		

		0.1800E+01	-0.7126E-03		
		0.3820E+01	-0.1007E-03		
		0.5840E+01	-0.6703E-05		
		0.7860E+01	0.4792E-05		
		0.8145E+01	0.4808E-05		
		0.8429E+01	0.4818E-05		
		0.8714E+01	0.4821E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1974E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1281E-03		
		0.1505E+01	-0.1072E-03		
		0.1800E+01	-0.8824E-04		
		0.3820E+01	-0.1454E-04		
		0.5840E+01	-0.1025E-05		
		0.7860E+01	0.2931E-05		
		0.8145E+01	0.2941E-05		
		0.8429E+01	0.2946E-05		
		0.8714E+01	0.2949E-05		

N O T I C E

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*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -       10:22: 5            *
*           EXECUTION TIME    0: 2: 1            *
*                                                *
*                                                *
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CLR4

3-Foot Recompacted Cohesive Soil Liner
Coef. of Hydro. Disp. = 0.01185 m^2/yr
(Decreased by 25%)

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*                                                           *
*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                  RUN DATE -   15-11- 8                    *
*                  TIME     -   10: 2: 3                    *
*                                                           *
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*************************************************************************
 Clinton LF No. 3 (CWU) CLR4 (Clay Liner 0.01185)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
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LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.118E-01	.118E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.118E-01	.118E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.118E-01	.118E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1604E+02	0.0000E+00
		0.1500E-02	-0.7896E-02		
		0.3063E+00	-0.2509E-02		
		0.6111E+00	-0.4359E-03		
		0.9159E+00	-0.3608E-04		
		0.1211E+01	-0.2769E-05		
		0.1505E+01	-0.1280E-06		
		0.1800E+01	-0.3525E-08		
		0.3820E+01	0.3352E-17		
		0.5840E+01	-0.4601E-24		
		0.7860E+01	-0.7168E-33		
		0.8145E+01	-0.4394E-33		
		0.8429E+01	-0.2954E-33		
		0.8714E+01	-0.2511E-33		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1604E+02	0.0000E+00
		0.1500E-02	-0.4484E-02		
		0.3063E+00	-0.1425E-02		
		0.6111E+00	-0.2476E-03		
		0.9159E+00	-0.2050E-04		
		0.1211E+01	-0.1574E-05		

		0.1505E+01	-0.7271E-07		
		0.1800E+01	-0.2003E-08		
		0.3820E+01	0.1908E-17		
		0.5840E+01	-0.2620E-24		
		0.7860E+01	-0.4845E-33		
		0.8145E+01	-0.3255E-33		
		0.8429E+01	-0.2412E-33		
		0.8714E+01	-0.2150E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1604E+02	0.0000E+00
		0.1500E-02	-0.2010E-02		
		0.3063E+00	-0.6394E-03		
		0.6111E+00	-0.1111E-03		
		0.9159E+00	-0.9201E-05		
		0.1211E+01	-0.7064E-06		
		0.1505E+01	-0.3265E-07		
		0.1800E+01	-0.8995E-09		
		0.3820E+01	0.8603E-18		
		0.5840E+01	-0.1181E-24		
		0.7860E+01	-0.2512E-33		
		0.8145E+01	-0.1775E-33		
		0.8429E+01	-0.1364E-33		
		0.8714E+01	-0.1234E-33		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1604E+02	0.0000E+00
		0.1500E-02	-0.1656E-03		
		0.3063E+00	-0.5332E-04		
		0.6111E+00	-0.9322E-05		
		0.9159E+00	-0.7746E-06		
		0.1211E+01	-0.5967E-07		
		0.1505E+01	-0.2764E-08		
		0.1800E+01	-0.7628E-10		
		0.3820E+01	0.7857E-19		
		0.5840E+01	-0.1083E-25		
		0.7860E+01	-0.7568E-34		
		0.8145E+01	-0.6602E-34		
		0.8429E+01	-0.5780E-34		
		0.8714E+01	-0.5486E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2550E+02	0.0000E+00
		0.1500E-02	-0.8695E-02		
		0.3063E+00	-0.4195E-02		
		0.6111E+00	-0.1511E-02		
		0.9159E+00	-0.3697E-03		
		0.1211E+01	-0.9284E-04		
		0.1505E+01	-0.1826E-04		
		0.1800E+01	-0.2796E-05		
		0.3820E+01	-0.7183E-14		
		0.5840E+01	0.1937E-18		
		0.7860E+01	-0.1560E-24		
		0.8145E+01	0.1044E-25		
		0.8429E+01	0.9354E-25		
		0.8714E+01	0.1187E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2550E+02	0.0000E+00
		0.1500E-02	-0.4938E-02		

		0.3063E+00	-0.2384E-02		
		0.6111E+00	-0.8589E-03		
		0.9159E+00	-0.2102E-03		
		0.1211E+01	-0.5278E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1590E-05		
		0.3820E+01	-0.4089E-14		
		0.5840E+01	0.1086E-18		
		0.7860E+01	-0.2667E-24		
		0.8145E+01	-0.1717E-24		
		0.8429E+01	-0.1234E-24		
		0.8714E+01	-0.1087E-24		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2550E+02	0.0000E+00
		0.1500E-02	-0.2214E-02		
		0.3063E+00	-0.1070E-02		
		0.6111E+00	-0.3858E-03		
		0.9159E+00	-0.9444E-04		
		0.1211E+01	-0.2373E-04		
		0.1505E+01	-0.4669E-05		
		0.1800E+01	-0.7151E-06		
		0.3820E+01	-0.1844E-14		
		0.5840E+01	0.4728E-19		
		0.7860E+01	-0.1367E-24		
		0.8145E+01	-0.9244E-25		
		0.8429E+01	-0.6901E-25		
		0.8714E+01	-0.6172E-25		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2550E+02	0.0000E+00
		0.1500E-02	-0.1831E-03		
		0.3063E+00	-0.9026E-04		
		0.6111E+00	-0.3293E-04		
		0.9159E+00	-0.8128E-05		
		0.1211E+01	-0.2056E-05		
		0.1505E+01	-0.4066E-06		
		0.1800E+01	-0.6251E-07		
		0.3820E+01	-0.1685E-15		
		0.5840E+01	0.1665E-20		
		0.7860E+01	-0.3433E-25		
		0.8145E+01	-0.2779E-25		
		0.8429E+01	-0.2290E-25		
		0.8714E+01	-0.2117E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3307E+02	0.0000E+00
		0.1500E-02	-0.9076E-02		
		0.3063E+00	-0.5145E-02		
		0.6111E+00	-0.2404E-02		
		0.9159E+00	-0.8613E-03		
		0.1211E+01	-0.3248E-03		
		0.1505E+01	-0.1045E-03		
		0.1800E+01	-0.2859E-04		
		0.3820E+01	-0.4001E-10		
		0.5840E+01	0.2391E-16		
		0.7860E+01	0.2501E-21		
		0.8145E+01	0.8994E-21		
		0.8429E+01	0.1215E-20		

		0.8714E+01	0.1309E-20		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3307E+02	0.0000E+00
		0.1500E-02	-0.5155E-02		
		0.3063E+00	-0.2924E-02		
		0.6111E+00	-0.1367E-02		
		0.9159E+00	-0.4898E-03		
		0.1211E+01	-0.1847E-03		
		0.1505E+01	-0.5947E-04		
		0.1800E+01	-0.1627E-04		
		0.3820E+01	-0.2278E-10		
		0.5840E+01	0.1332E-16		
		0.7860E+01	0.5944E-20		
		0.8145E+01	0.6391E-20		
		0.8429E+01	0.6621E-20		
		0.8714E+01	0.6693E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3307E+02	0.0000E+00
		0.1500E-02	-0.2312E-02		
		0.3063E+00	-0.1313E-02		
		0.6111E+00	-0.6145E-03		
		0.9159E+00	-0.2203E-03		
		0.1211E+01	-0.8315E-04		
		0.1505E+01	-0.2678E-04		
		0.1800E+01	-0.7327E-05		
		0.3820E+01	-0.1027E-10		
		0.5840E+01	0.5695E-17		
		0.7860E+01	0.2686E-20		
		0.8145E+01	0.2902E-20		
		0.8429E+01	0.3019E-20		
		0.8714E+01	0.3055E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3307E+02	0.0000E+00
		0.1500E-02	-0.1917E-03		
		0.3063E+00	-0.1118E-03		
		0.6111E+00	-0.5319E-04		
		0.9159E+00	-0.1932E-04		
		0.1211E+01	-0.7368E-05		
		0.1505E+01	-0.2391E-05		
		0.1800E+01	-0.6580E-06		
		0.3820E+01	-0.9387E-12		
		0.5840E+01	0.3870E-19		
		0.7860E+01	0.8792E-21		
		0.8145E+01	0.9138E-21		
		0.8429E+01	0.9392E-21		
		0.8714E+01	0.9483E-21		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3960E+02	0.0000E+00
		0.1500E-02	-0.9306E-02		
		0.3063E+00	-0.5759E-02		
		0.6111E+00	-0.3083E-02		
		0.9159E+00	-0.1347E-02		
		0.1211E+01	-0.6252E-03		
		0.1505E+01	-0.2584E-03		
		0.1800E+01	-0.9476E-04		
		0.3820E+01	-0.3284E-08		

		0.5840E+01	-0.1353E-14		
		0.7860E+01	0.5016E-17		
		0.8145E+01	0.5053E-17		
		0.8429E+01	0.5076E-17		
		0.8714E+01	0.5084E-17		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3960E+02	0.0000E+00
		0.1500E-02	-0.5286E-02		
		0.3063E+00	-0.3273E-02		
		0.6111E+00	-0.1753E-02		
		0.9159E+00	-0.7665E-03		
		0.1211E+01	-0.3558E-03		
		0.1505E+01	-0.1471E-03		
		0.1800E+01	-0.5395E-04		
		0.3820E+01	-0.1871E-08		
		0.5840E+01	-0.7698E-15		
		0.7860E+01	-0.4086E-18		
		0.8145E+01	-0.4020E-18		
		0.8429E+01	-0.3978E-18		
		0.8714E+01	-0.3964E-18		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3960E+02	0.0000E+00
		0.1500E-02	-0.2371E-02		
		0.3063E+00	-0.1471E-02		
		0.6111E+00	-0.7886E-03		
		0.9159E+00	-0.3451E-03		
		0.1211E+01	-0.1603E-03		
		0.1505E+01	-0.6632E-04		
		0.1800E+01	-0.2434E-04		
		0.3820E+01	-0.8451E-09		
		0.5840E+01	-0.3465E-15		
		0.7860E+01	-0.1227E-17		
		0.8145E+01	-0.1232E-17		
		0.8429E+01	-0.1235E-17		
		0.8714E+01	-0.1236E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3960E+02	0.0000E+00
		0.1500E-02	-0.1971E-03		
		0.3063E+00	-0.1262E-03		
		0.6111E+00	-0.6909E-04		
		0.9159E+00	-0.3078E-04		
		0.1211E+01	-0.1449E-04		
		0.1505E+01	-0.6055E-05		
		0.1800E+01	-0.2240E-05		
		0.3820E+01	-0.7973E-10		
		0.5840E+01	-0.3082E-16		
		0.7860E+01	-0.6316E-18		
		0.8145E+01	-0.6357E-18		
		0.8429E+01	-0.6383E-18		
		0.8714E+01	-0.6392E-18		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4545E+02	0.0000E+00
		0.1500E-02	-0.9462E-02		
		0.3063E+00	-0.6190E-02		
		0.6111E+00	-0.3604E-02		
		0.9159E+00	-0.1782E-02		

		0.1211E+01	-0.9384E-03		
		0.1505E+01	-0.4514E-03		
		0.1800E+01	-0.1977E-03		
		0.3820E+01	-0.4738E-07		
		0.5840E+01	-0.8081E-13		
		0.7860E+01	-0.1720E-15		
		0.8145E+01	-0.1733E-15		
		0.8429E+01	-0.1741E-15		
		0.8714E+01	-0.1744E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4545E+02	0.0000E+00
		0.1500E-02	-0.5374E-02		
		0.3063E+00	-0.3519E-02		
		0.6111E+00	-0.2050E-02		
		0.9159E+00	-0.1014E-02		
		0.1211E+01	-0.5343E-03		
		0.1505E+01	-0.2571E-03		
		0.1800E+01	-0.1126E-03		
		0.3820E+01	-0.2702E-07		
		0.5840E+01	-0.4610E-13		
		0.7860E+01	-0.5316E-17		
		0.8145E+01	-0.5911E-17		
		0.8429E+01	-0.6259E-17		
		0.8714E+01	-0.6374E-17		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4545E+02	0.0000E+00
		0.1500E-02	-0.2411E-02		
		0.3063E+00	-0.1582E-02		
		0.6111E+00	-0.9228E-03		
		0.9159E+00	-0.4570E-03		
		0.1211E+01	-0.2410E-03		
		0.1505E+01	-0.1161E-03		
		0.1800E+01	-0.5088E-04		
		0.3820E+01	-0.1223E-07		
		0.5840E+01	-0.2089E-13		
		0.7860E+01	0.4823E-16		
		0.8145E+01	0.4821E-16		
		0.8429E+01	0.4819E-16		
		0.8714E+01	0.4820E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4545E+02	0.0000E+00
		0.1500E-02	-0.2008E-03		
		0.3063E+00	-0.1366E-03		
		0.6111E+00	-0.8173E-04		
		0.9159E+00	-0.4138E-04		
		0.1211E+01	-0.2218E-04		
		0.1505E+01	-0.1082E-04		
		0.1800E+01	-0.4788E-05		
		0.3820E+01	-0.1188E-08		
		0.5840E+01	-0.2067E-14		
		0.7860E+01	0.3443E-16		
		0.8145E+01	0.3458E-16		
		0.8429E+01	0.3467E-16		
		0.8714E+01	0.3470E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5080E+02	0.0000E+00

		0.1500E-02	-0.9574E-02		
		0.3063E+00	-0.6509E-02		
		0.6111E+00	-0.4015E-02		
		0.9159E+00	-0.2160E-02		
		0.1211E+01	-0.1239E-02		
		0.1505E+01	-0.6599E-03		
		0.1800E+01	-0.3256E-03		
		0.3820E+01	-0.2845E-06		
		0.5840E+01	-0.4357E-11		
		0.7860E+01	0.1100E-14		
		0.8145E+01	0.1110E-14		
		0.8429E+01	0.1117E-14		
		0.8714E+01	0.1119E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5080E+02	0.0000E+00
		0.1500E-02	-0.5438E-02		
		0.3063E+00	-0.3701E-02		
		0.6111E+00	-0.2285E-02		
		0.9159E+00	-0.1230E-02		
		0.1211E+01	-0.7055E-03		
		0.1505E+01	-0.3760E-03		
		0.1800E+01	-0.1856E-03		
		0.3820E+01	-0.1623E-06		
		0.5840E+01	-0.2487E-11		
		0.7860E+01	-0.4268E-15		
		0.8145E+01	-0.4231E-15		
		0.8429E+01	-0.4209E-15		
		0.8714E+01	-0.4202E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5080E+02	0.0000E+00
		0.1500E-02	-0.2440E-02		
		0.3063E+00	-0.1664E-02		
		0.6111E+00	-0.1029E-02		
		0.9159E+00	-0.5546E-03		
		0.1211E+01	-0.3186E-03		
		0.1505E+01	-0.1699E-03		
		0.1800E+01	-0.8394E-04		
		0.3820E+01	-0.7360E-07		
		0.5840E+01	-0.1128E-11		
		0.7860E+01	-0.7840E-15		
		0.8145E+01	-0.7853E-15		
		0.8429E+01	-0.7862E-15		
		0.8714E+01	-0.7866E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5080E+02	0.0000E+00
		0.1500E-02	-0.2036E-03		
		0.3063E+00	-0.1445E-03		
		0.6111E+00	-0.9202E-04		
		0.9159E+00	-0.5090E-04		
		0.1211E+01	-0.2980E-04		
		0.1505E+01	-0.1613E-04		
		0.1800E+01	-0.8065E-05		
		0.3820E+01	-0.7354E-08		
		0.5840E+01	-0.1141E-12		
		0.7860E+01	-0.4581E-15		
		0.8145E+01	-0.4606E-15		
		0.8429E+01	-0.4621E-15		
		0.8714E+01	-0.4627E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5579E+02	0.0000E+00
		0.1500E-02	-0.9660E-02		
		0.3063E+00	-0.6756E-02		
		0.6111E+00	-0.4347E-02		
		0.9159E+00	-0.2486E-02		
		0.1211E+01	-0.1516E-02		
		0.1505E+01	-0.8693E-03		
		0.1800E+01	-0.4673E-03		
		0.3820E+01	-0.1031E-05		
		0.5840E+01	-0.7293E-10		
		0.7860E+01	0.2869E-14		
		0.8145E+01	0.2846E-14		
		0.8429E+01	0.2832E-14		
		0.8714E+01	0.2827E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5579E+02	0.0000E+00
		0.1500E-02	-0.5487E-02		
		0.3063E+00	-0.3842E-02		
		0.6111E+00	-0.2474E-02		
		0.9159E+00	-0.1416E-02		
		0.1211E+01	-0.8639E-03		
		0.1505E+01	-0.4955E-03		
		0.1800E+01	-0.2665E-03		
		0.3820E+01	-0.5888E-06		
		0.5840E+01	-0.4166E-10		
		0.7860E+01	0.6825E-14		
		0.8145E+01	0.6836E-14		
		0.8429E+01	0.6843E-14		
		0.8714E+01	0.6846E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5579E+02	0.0000E+00
		0.1500E-02	-0.2462E-02		
		0.3063E+00	-0.1728E-02		
		0.6111E+00	-0.1115E-02		
		0.9159E+00	-0.6390E-03		
		0.1211E+01	-0.3905E-03		
		0.1505E+01	-0.2242E-03		
		0.1800E+01	-0.1207E-03		
		0.3820E+01	-0.2674E-06		
		0.5840E+01	-0.1894E-10		
		0.7860E+01	0.4776E-14		
		0.8145E+01	0.4801E-14		
		0.8429E+01	0.4816E-14		
		0.8714E+01	0.4821E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5579E+02	0.0000E+00
		0.1500E-02	-0.2058E-03		
		0.3063E+00	-0.1509E-03		
		0.6111E+00	-0.1006E-03		
		0.9159E+00	-0.5940E-04		
		0.1211E+01	-0.3709E-04		
		0.1505E+01	-0.2166E-04		
		0.1800E+01	-0.1182E-04		
		0.3820E+01	-0.2743E-07		
		0.5840E+01	-0.1973E-11		
		0.7860E+01	0.1066E-14		
		0.8145E+01	0.1082E-14		

		0.8429E+01	0.1092E-14		
		0.8714E+01	0.1096E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6048E+02	0.0000E+00
		0.1500E-02	-0.9727E-02		
		0.3063E+00	-0.6952E-02		
		0.6111E+00	-0.4619E-02		
		0.9159E+00	-0.2768E-02		
		0.1211E+01	-0.1769E-02		
		0.1505E+01	-0.1072E-02		
		0.1800E+01	-0.6144E-03		
		0.3820E+01	-0.2719E-05		
		0.5840E+01	-0.6069E-09		
		0.7860E+01	-0.3493E-13		
		0.8145E+01	-0.3493E-13		
		0.8429E+01	-0.3494E-13		
		0.8714E+01	-0.3495E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6048E+02	0.0000E+00
		0.1500E-02	-0.5526E-02		
		0.3063E+00	-0.3954E-02		
		0.6111E+00	-0.2629E-02		
		0.9159E+00	-0.1577E-02		
		0.1211E+01	-0.1008E-02		
		0.1505E+01	-0.6111E-03		
		0.1800E+01	-0.3506E-03		
		0.3820E+01	-0.1554E-05		
		0.5840E+01	-0.3470E-09		
		0.7860E+01	-0.1996E-13		
		0.8145E+01	-0.2003E-13		
		0.8429E+01	-0.2009E-13		
		0.8714E+01	-0.2011E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6048E+02	0.0000E+00
		0.1500E-02	-0.2479E-02		
		0.3063E+00	-0.1779E-02		
		0.6111E+00	-0.1185E-02		
		0.9159E+00	-0.7123E-03		
		0.1211E+01	-0.4560E-03		
		0.1505E+01	-0.2768E-03		
		0.1800E+01	-0.1589E-03		
		0.3820E+01	-0.7069E-06		
		0.5840E+01	-0.1581E-09		
		0.7860E+01	0.2628E-15		
		0.8145E+01	0.2031E-15		
		0.8429E+01	0.1658E-15		
		0.8714E+01	0.1531E-15		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6048E+02	0.0000E+00
		0.1500E-02	-0.2076E-03		
		0.3063E+00	-0.1561E-03		
		0.6111E+00	-0.1078E-03		
		0.9159E+00	-0.6700E-04		
		0.1211E+01	-0.4392E-04		
		0.1505E+01	-0.2717E-04		
		0.1800E+01	-0.1584E-04		

		0.3820E+01	-0.7433E-07		
		0.5840E+01	-0.1693E-10		
		0.7860E+01	0.1155E-13		
		0.8145E+01	0.1154E-13		
		0.8429E+01	0.1154E-13		
		0.8714E+01	0.1154E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6493E+02	0.0000E+00
		0.1500E-02	-0.9781E-02		
		0.3063E+00	-0.7112E-02		
		0.6111E+00	-0.4847E-02		
		0.9159E+00	-0.3014E-02		
		0.1211E+01	-0.1996E-02		
		0.1505E+01	-0.1263E-02		
		0.1800E+01	-0.7614E-03		
		0.3820E+01	-0.5795E-05		
		0.5840E+01	-0.3165E-08		
		0.7860E+01	0.1989E-13		
		0.8145E+01	0.2171E-13		
		0.8429E+01	0.2265E-13		
		0.8714E+01	0.2295E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6493E+02	0.0000E+00
		0.1500E-02	-0.5557E-02		
		0.3063E+00	-0.4045E-02		
		0.6111E+00	-0.2759E-02		
		0.9159E+00	-0.1717E-02		
		0.1211E+01	-0.1138E-02		
		0.1505E+01	-0.7206E-03		
		0.1800E+01	-0.4346E-03		
		0.3820E+01	-0.3314E-05		
		0.5840E+01	-0.1811E-08		
		0.7860E+01	-0.4560E-13		
		0.8145E+01	-0.4465E-13		
		0.8429E+01	-0.4416E-13		
		0.8714E+01	-0.4402E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6493E+02	0.0000E+00
		0.1500E-02	-0.2493E-02		
		0.3063E+00	-0.1820E-02		
		0.6111E+00	-0.1244E-02		
		0.9159E+00	-0.7761E-03		
		0.1211E+01	-0.5153E-03		
		0.1505E+01	-0.3266E-03		
		0.1800E+01	-0.1972E-03		
		0.3820E+01	-0.1510E-05		
		0.5840E+01	-0.8264E-09		
		0.7860E+01	-0.6164E-13		
		0.8145E+01	-0.6137E-13		
		0.8429E+01	-0.6123E-13		
		0.8714E+01	-0.6119E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6493E+02	0.0000E+00
		0.1500E-02	-0.2091E-03		
		0.3063E+00	-0.1605E-03		
		0.6111E+00	-0.1141E-03		

		0.9159E+00	-0.7381E-04		
		0.1211E+01	-0.5030E-04		
		0.1505E+01	-0.3255E-04		
		0.1800E+01	-0.2000E-04		
		0.3820E+01	-0.1626E-06		
		0.5840E+01	-0.9085E-10		
		0.7860E+01	-0.3918E-13		
		0.8145E+01	-0.3932E-13		
		0.8429E+01	-0.3939E-13		
		0.8714E+01	-0.3942E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6918E+02	0.0000E+00
		0.1500E-02	-0.9826E-02		
		0.3063E+00	-0.7246E-02		
		0.6111E+00	-0.5040E-02		
		0.9159E+00	-0.3228E-02		
		0.1211E+01	-0.2201E-02		
		0.1505E+01	-0.1442E-02		
		0.1800E+01	-0.9048E-03		
		0.3820E+01	-0.1063E-04		
		0.5840E+01	-0.1188E-07		
		0.7860E+01	0.3410E-12		
		0.8145E+01	0.3557E-12		
		0.8429E+01	0.3632E-12		
		0.8714E+01	0.3655E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6918E+02	0.0000E+00
		0.1500E-02	-0.5582E-02		
		0.3063E+00	-0.4121E-02		
		0.6111E+00	-0.2870E-02		
		0.9159E+00	-0.1840E-02		
		0.1211E+01	-0.1256E-02		
		0.1505E+01	-0.8228E-03		
		0.1800E+01	-0.5167E-03		
		0.3820E+01	-0.6082E-05		
		0.5840E+01	-0.6803E-08		
		0.7860E+01	0.1453E-12		
		0.8145E+01	0.1538E-12		
		0.8429E+01	0.1581E-12		
		0.8714E+01	0.1595E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6918E+02	0.0000E+00
		0.1500E-02	-0.2505E-02		
		0.3063E+00	-0.1855E-02		
		0.6111E+00	-0.1295E-02		
		0.9159E+00	-0.8321E-03		
		0.1211E+01	-0.5689E-03		
		0.1505E+01	-0.3734E-03		
		0.1800E+01	-0.2347E-03		
		0.3820E+01	-0.2776E-05		
		0.5840E+01	-0.3110E-08		
		0.7860E+01	0.7245E-14		
		0.8145E+01	0.1137E-13		
		0.8429E+01	0.1359E-13		
		0.8714E+01	0.1429E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6918E+02	0.0000E+00
		0.1500E-02	-0.2104E-03		
		0.3063E+00	-0.1643E-03		
		0.6111E+00	-0.1196E-03		
		0.9159E+00	-0.7994E-04		
		0.1211E+01	-0.5621E-04		
		0.1505E+01	-0.3774E-04		
		0.1800E+01	-0.2417E-04		
		0.3820E+01	-0.3056E-06		
		0.5840E+01	-0.3506E-09		
		0.7860E+01	-0.7947E-13		
		0.8145E+01	-0.7876E-13		
		0.8429E+01	-0.7827E-13		
		0.8714E+01	-0.7810E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7325E+02	0.0000E+00
		0.1500E-02	-0.9863E-02		
		0.3063E+00	-0.7358E-02		
		0.6111E+00	-0.5205E-02		
		0.9159E+00	-0.3416E-02		
		0.1211E+01	-0.2386E-02		
		0.1505E+01	-0.1607E-02		
		0.1800E+01	-0.1043E-02		
		0.3820E+01	-0.1747E-04		
		0.5840E+01	-0.3508E-07		
		0.7860E+01	0.2123E-11		
		0.8145E+01	0.2217E-11		
		0.8429E+01	0.2265E-11		
		0.8714E+01	0.2280E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7325E+02	0.0000E+00
		0.1500E-02	-0.5603E-02		
		0.3063E+00	-0.4186E-02		
		0.6111E+00	-0.2964E-02		
		0.9159E+00	-0.1948E-02		
		0.1211E+01	-0.1361E-02		
		0.1505E+01	-0.9178E-03		
		0.1800E+01	-0.5957E-03		
		0.3820E+01	-0.1000E-04		
		0.5840E+01	-0.2011E-07		
		0.7860E+01	0.7429E-12		
		0.8145E+01	0.7929E-12		
		0.8429E+01	0.8187E-12		
		0.8714E+01	0.8266E-12		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7325E+02	0.0000E+00
		0.1500E-02	-0.2515E-02		
		0.3063E+00	-0.1884E-02		
		0.6111E+00	-0.1338E-02		
		0.9159E+00	-0.8815E-03		
		0.1211E+01	-0.6173E-03		
		0.1505E+01	-0.4168E-03		
		0.1800E+01	-0.2709E-03		
		0.3820E+01	-0.4572E-05		
		0.5840E+01	-0.9209E-08		
		0.7860E+01	0.3712E-12		

		0.8145E+01	0.3946E-12		
		0.8429E+01	0.4071E-12		
		0.8714E+01	0.4110E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7325E+02	0.0000E+00
		0.1500E-02	-0.2114E-03		
		0.3063E+00	-0.1675E-03		
		0.6111E+00	-0.1244E-03		
		0.9159E+00	-0.8550E-04		
		0.1211E+01	-0.6170E-04		
		0.1505E+01	-0.4269E-04		
		0.1800E+01	-0.2831E-04		
		0.3820E+01	-0.5141E-06		
		0.5840E+01	-0.1063E-08		
		0.7860E+01	0.1728E-12		
		0.8145E+01	0.1773E-12		
		0.8429E+01	0.1805E-12		
		0.8714E+01	0.1816E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7718E+02	0.0000E+00
		0.1500E-02	-0.9895E-02		
		0.3063E+00	-0.7454E-02		
		0.6111E+00	-0.5349E-02		
		0.9159E+00	-0.3583E-02		
		0.1211E+01	-0.2552E-02		
		0.1505E+01	-0.1760E-02		
		0.1800E+01	-0.1174E-02		
		0.3820E+01	-0.2643E-04		
		0.5840E+01	-0.8652E-07		
		0.7860E+01	0.1686E-10		
		0.8145E+01	0.1733E-10		
		0.8429E+01	0.1757E-10		
		0.8714E+01	0.1765E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7718E+02	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4241E-02		
		0.6111E+00	-0.3047E-02		
		0.9159E+00	-0.2043E-02		
		0.1211E+01	-0.1457E-02		
		0.1505E+01	-0.1006E-02		
		0.1800E+01	-0.6708E-03		
		0.3820E+01	-0.1514E-04		
		0.5840E+01	-0.4963E-07		
		0.7860E+01	0.4824E-11		
		0.8145E+01	0.5064E-11		
		0.8429E+01	0.5189E-11		
		0.8714E+01	0.5228E-11		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7718E+02	0.0000E+00
		0.1500E-02	-0.2523E-02		
		0.3063E+00	-0.1910E-02		
		0.6111E+00	-0.1376E-02		
		0.9159E+00	-0.9252E-03		
		0.1211E+01	-0.6610E-03		
		0.1505E+01	-0.4570E-03		

		0.1800E+01	-0.3053E-03		
		0.3820E+01	-0.6933E-05		
		0.5840E+01	-0.2277E-07		
		0.7860E+01	0.1566E-11		
		0.8145E+01	0.1673E-11		
		0.8429E+01	0.1730E-11		
		0.8714E+01	0.1748E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7718E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1704E-03		
		0.6111E+00	-0.1287E-03		
		0.9159E+00	-0.9056E-04		
		0.1211E+01	-0.6679E-04		
		0.1505E+01	-0.4740E-04		
		0.1800E+01	-0.3236E-04		
		0.3820E+01	-0.7953E-06		
		0.5840E+01	-0.2690E-08		
		0.7860E+01	0.8063E-12		
		0.8145E+01	0.8245E-12		
		0.8429E+01	0.8374E-12		
		0.8714E+01	0.8420E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8097E+02	0.0000E+00
		0.1500E-02	-0.9922E-02		
		0.3063E+00	-0.7537E-02		
		0.6111E+00	-0.5474E-02		
		0.9159E+00	-0.3731E-02		
		0.1211E+01	-0.2703E-02		
		0.1505E+01	-0.1902E-02		
		0.1800E+01	-0.1297E-02		
		0.3820E+01	-0.3751E-04		
		0.5840E+01	-0.1856E-06		
		0.7860E+01	0.1046E-09		
		0.8145E+01	0.1065E-09		
		0.8429E+01	0.1075E-09		
		0.8714E+01	0.1078E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8097E+02	0.0000E+00
		0.1500E-02	-0.5637E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3118E-02		
		0.9159E+00	-0.2128E-02		
		0.1211E+01	-0.1543E-02		
		0.1505E+01	-0.1087E-02		
		0.1800E+01	-0.7418E-03		
		0.3820E+01	-0.2151E-04		
		0.5840E+01	-0.1066E-06		
		0.7860E+01	0.3337E-10		
		0.8145E+01	0.3431E-10		
		0.8429E+01	0.3482E-10		
		0.8714E+01	0.3498E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8097E+02	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.1931E-02		

		0.6111E+00	-0.1409E-02		
		0.9159E+00	-0.9642E-03		
		0.1211E+01	-0.7006E-03		
		0.1505E+01	-0.4942E-03		
		0.1800E+01	-0.3380E-03		
		0.3820E+01	-0.9861E-05		
		0.5840E+01	-0.4898E-07		
		0.7860E+01	0.1018E-10		
		0.8145E+01	0.1059E-10		
		0.8429E+01	0.1081E-10		
		0.8714E+01	0.1089E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8097E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1730E-03		
		0.6111E+00	-0.1326E-03		
		0.9159E+00	-0.9519E-04		
		0.1211E+01	-0.7152E-04		
		0.1505E+01	-0.5187E-04		
		0.1800E+01	-0.3629E-04		
		0.3820E+01	-0.1153E-05		
		0.5840E+01	-0.5914E-08		
		0.7860E+01	0.3448E-11		
		0.8145E+01	0.3522E-11		
		0.8429E+01	0.3574E-11		
		0.8714E+01	0.3592E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8465E+02	0.0000E+00
		0.1500E-02	-0.9946E-02		
		0.3063E+00	-0.7609E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.3863E-02		
		0.1211E+01	-0.2839E-02		
		0.1505E+01	-0.2031E-02		
		0.1800E+01	-0.1414E-02		
		0.3820E+01	-0.5062E-04		
		0.5840E+01	-0.3570E-06		
		0.7860E+01	0.4962E-09		
		0.8145E+01	0.5027E-09		
		0.8429E+01	0.5062E-09		
		0.8714E+01	0.5073E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8465E+02	0.0000E+00
		0.1500E-02	-0.5651E-02		
		0.3063E+00	-0.4330E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2204E-02		
		0.1211E+01	-0.1621E-02		
		0.1505E+01	-0.1161E-02		
		0.1800E+01	-0.8086E-03		
		0.3820E+01	-0.2905E-04		
		0.5840E+01	-0.2051E-06		
		0.7860E+01	0.1773E-09		
		0.8145E+01	0.1805E-09		
		0.8429E+01	0.1822E-09		
		0.8714E+01	0.1828E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8465E+02	0.0000E+00
		0.1500E-02	-0.2537E-02		
		0.3063E+00	-0.1950E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.9991E-03		
		0.1211E+01	-0.7365E-03		
		0.1505E+01	-0.5286E-03		
		0.1800E+01	-0.3687E-03		
		0.3820E+01	-0.1334E-04		
		0.5840E+01	-0.9443E-07		
		0.7860E+01	0.6054E-10		
		0.8145E+01	0.6193E-10		
		0.8429E+01	0.6269E-10		
		0.8714E+01	0.6294E-10		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8465E+02	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1752E-03		
		0.6111E+00	-0.1361E-03		
		0.9159E+00	-0.9943E-04		
		0.1211E+01	-0.7593E-04		
		0.1505E+01	-0.5610E-04		
		0.1800E+01	-0.4010E-04		
		0.3820E+01	-0.1589E-05		
		0.5840E+01	-0.1164E-07		
		0.7860E+01	0.2030E-10		
		0.8145E+01	0.2058E-10		
		0.8429E+01	0.2078E-10		
		0.8714E+01	0.2084E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8823E+02	0.0000E+00
		0.1500E-02	-0.9967E-02		
		0.3063E+00	-0.7673E-02		
		0.6111E+00	-0.5682E-02		
		0.9159E+00	-0.3982E-02		
		0.1211E+01	-0.2962E-02		
		0.1505E+01	-0.2151E-02		
		0.1800E+01	-0.1523E-02		
		0.3820E+01	-0.6561E-04		
		0.5840E+01	-0.6288E-06		
		0.7860E+01	0.1908E-08		
		0.8145E+01	0.1928E-08		
		0.8429E+01	0.1938E-08		
		0.8714E+01	0.1942E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8823E+02	0.0000E+00
		0.1500E-02	-0.5663E-02		
		0.3063E+00	-0.4366E-02		
		0.6111E+00	-0.3238E-02		
		0.9159E+00	-0.2272E-02		
		0.1211E+01	-0.1692E-02		
		0.1505E+01	-0.1230E-02		
		0.1800E+01	-0.8713E-03		
		0.3820E+01	-0.3767E-04		
		0.5840E+01	-0.3615E-06		

		0.7860E+01	0.7453E-09		
		0.8145E+01	0.7547E-09		
		0.8429E+01	0.7599E-09		
		0.8714E+01	0.7616E-09		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8823E+02	0.0000E+00
		0.1500E-02	-0.2542E-02		
		0.3063E+00	-0.1967E-02		
		0.6111E+00	-0.1464E-02		
		0.9159E+00	-0.1030E-02		
		0.1211E+01	-0.7693E-03		
		0.1505E+01	-0.5603E-03		
		0.1800E+01	-0.3977E-03		
		0.3820E+01	-0.1732E-04		
		0.5840E+01	-0.1667E-06		
		0.7860E+01	0.2809E-09		
		0.8145E+01	0.2851E-09		
		0.8429E+01	0.2874E-09		
		0.8714E+01	0.2882E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8823E+02	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1773E-03		
		0.6111E+00	-0.1393E-03		
		0.9159E+00	-0.1033E-03		
		0.1211E+01	-0.8003E-04		
		0.1505E+01	-0.6010E-04		
		0.1800E+01	-0.4376E-04		
		0.3820E+01	-0.2100E-05		
		0.5840E+01	-0.2098E-07		
		0.7860E+01	0.1031E-09		
		0.8145E+01	0.1041E-09		
		0.8429E+01	0.1047E-09		
		0.8714E+01	0.1050E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9171E+02	0.0000E+00
		0.1500E-02	-0.9985E-02		
		0.3063E+00	-0.7729E-02		
		0.6111E+00	-0.5769E-02		
		0.9159E+00	-0.4088E-02		
		0.1211E+01	-0.3074E-02		
		0.1505E+01	-0.2261E-02		
		0.1800E+01	-0.1625E-02		
		0.3820E+01	-0.8227E-04		
		0.5840E+01	-0.1031E-05		
		0.7860E+01	0.6215E-08		
		0.8145E+01	0.6266E-08		
		0.8429E+01	0.6295E-08		
		0.8714E+01	0.6305E-08		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9171E+02	0.0000E+00
		0.1500E-02	-0.5674E-02		
		0.3063E+00	-0.4399E-02		
		0.6111E+00	-0.3288E-02		
		0.9159E+00	-0.2334E-02		
		0.1211E+01	-0.1757E-02		

		0.1505E+01	-0.1293E-02		
		0.1800E+01	-0.9301E-03		
		0.3820E+01	-0.4726E-04		
		0.5840E+01	-0.5932E-06		
		0.7860E+01	0.2609E-08		
		0.8145E+01	0.2634E-08		
		0.8429E+01	0.2648E-08		
		0.8714E+01	0.2653E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9171E+02	0.0000E+00
		0.1500E-02	-0.2547E-02		
		0.3063E+00	-0.1982E-02		
		0.6111E+00	-0.1487E-02		
		0.9159E+00	-0.1059E-02		
		0.1211E+01	-0.7991E-03		
		0.1505E+01	-0.5897E-03		
		0.1800E+01	-0.4248E-03		
		0.3820E+01	-0.2176E-04		
		0.5840E+01	-0.2740E-06		
		0.7860E+01	0.1063E-08		
		0.8145E+01	0.1074E-08		
		0.8429E+01	0.1081E-08		
		0.8714E+01	0.1083E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9171E+02	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1792E-03		
		0.6111E+00	-0.1422E-03		
		0.9159E+00	-0.1070E-03		
		0.1211E+01	-0.8387E-04		
		0.1505E+01	-0.6389E-04		
		0.1800E+01	-0.4728E-04		
		0.3820E+01	-0.2683E-05		
		0.5840E+01	-0.3516E-07		
		0.7860E+01	0.4226E-09		
		0.8145E+01	0.4258E-09		
		0.8429E+01	0.4278E-09		
		0.8714E+01	0.4286E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9510E+02	0.0000E+00
		0.1500E-02	-0.1000E-01		
		0.3063E+00	-0.7779E-02		
		0.6111E+00	-0.5847E-02		
		0.9159E+00	-0.4185E-02		
		0.1211E+01	-0.3177E-02		
		0.1505E+01	-0.2363E-02		
		0.1800E+01	-0.1720E-02		
		0.3820E+01	-0.1004E-03		
		0.5840E+01	-0.1594E-05		
		0.7860E+01	0.1767E-07		
		0.8145E+01	0.1780E-07		
		0.8429E+01	0.1787E-07		
		0.8714E+01	0.1789E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9510E+02	0.0000E+00
		0.1500E-02	-0.5683E-02		

		0.3063E+00	-0.4428E-02		
		0.6111E+00	-0.3333E-02		
		0.9159E+00	-0.2389E-02		
		0.1211E+01	-0.1816E-02		
		0.1505E+01	-0.1352E-02		
		0.1800E+01	-0.9850E-03		
		0.3820E+01	-0.5771E-04		
		0.5840E+01	-0.9176E-06		
		0.7860E+01	0.7889E-08		
		0.8145E+01	0.7951E-08		
		0.8429E+01	0.7986E-08		
		0.8714E+01	0.7998E-08		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9510E+02	0.0000E+00
		0.1500E-02	-0.2551E-02		
		0.3063E+00	-0.1996E-02		
		0.6111E+00	-0.1507E-02		
		0.9159E+00	-0.1084E-02		
		0.1211E+01	-0.8264E-03		
		0.1505E+01	-0.6168E-03		
		0.1800E+01	-0.4503E-03		
		0.3820E+01	-0.2660E-04		
		0.5840E+01	-0.4246E-06		
		0.7860E+01	0.3429E-08		
		0.8145E+01	0.3457E-08		
		0.8429E+01	0.3474E-08		
		0.8714E+01	0.3479E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9510E+02	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1809E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1103E-03		
		0.1211E+01	-0.8745E-04		
		0.1505E+01	-0.6747E-04		
		0.1800E+01	-0.5065E-04		
		0.3820E+01	-0.3334E-05		
		0.5840E+01	-0.5550E-07		
		0.7860E+01	0.1456E-08		
		0.8145E+01	0.1465E-08		
		0.8429E+01	0.1471E-08		
		0.8714E+01	0.1473E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9841E+02	0.0000E+00
		0.1500E-02	-0.1002E-01		
		0.3063E+00	-0.7824E-02		
		0.6111E+00	-0.5917E-02		
		0.9159E+00	-0.4272E-02		
		0.1211E+01	-0.3270E-02		
		0.1505E+01	-0.2457E-02		
		0.1800E+01	-0.1809E-02		
		0.3820E+01	-0.1197E-03		
		0.5840E+01	-0.2345E-05		
		0.7860E+01	0.4489E-07		
		0.8145E+01	0.4517E-07		
		0.8429E+01	0.4532E-07		

		0.8714E+01	0.4538E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9841E+02	0.0000E+00
		0.1500E-02	-0.5691E-02		
		0.3063E+00	-0.4453E-02		
		0.6111E+00	-0.3373E-02		
		0.9159E+00	-0.2439E-02		
		0.1211E+01	-0.1870E-02		
		0.1505E+01	-0.1406E-02		
		0.1800E+01	-0.1036E-02		
		0.3820E+01	-0.6888E-04		
		0.5840E+01	-0.1351E-05		
		0.7860E+01	0.2115E-07		
		0.8145E+01	0.2129E-07		
		0.8429E+01	0.2137E-07		
		0.8714E+01	0.2140E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9841E+02	0.0000E+00
		0.1500E-02	-0.2555E-02		
		0.3063E+00	-0.2007E-02		
		0.6111E+00	-0.1526E-02		
		0.9159E+00	-0.1108E-02		
		0.1211E+01	-0.8514E-03		
		0.1505E+01	-0.6418E-03		
		0.1800E+01	-0.4741E-03		
		0.3820E+01	-0.3179E-04		
		0.5840E+01	-0.6261E-06		
		0.7860E+01	0.9717E-08		
		0.8145E+01	0.9784E-08		
		0.8429E+01	0.9822E-08		
		0.8714E+01	0.9836E-08		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9841E+02	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1825E-03		
		0.6111E+00	-0.1474E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.9081E-04		
		0.1505E+01	-0.7085E-04		
		0.1800E+01	-0.5387E-04		
		0.3820E+01	-0.4046E-05		
		0.5840E+01	-0.8333E-07		
		0.7860E+01	0.4366E-08		
		0.8145E+01	0.4390E-08		
		0.8429E+01	0.4405E-08		
		0.8714E+01	0.4411E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1017E+03	0.0000E+00
		0.1500E-02	-0.1003E-01		
		0.3063E+00	-0.7864E-02		
		0.6111E+00	-0.5980E-02		
		0.9159E+00	-0.4351E-02		
		0.1211E+01	-0.3356E-02		
		0.1505E+01	-0.2543E-02		
		0.1800E+01	-0.1892E-02		
		0.3820E+01	-0.1401E-03		

		0.5840E+01	-0.3309E-05		
		0.7860E+01	0.1037E-06		
		0.8145E+01	0.1042E-06		
		0.8429E+01	0.1046E-06		
		0.8714E+01	0.1047E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1017E+03	0.0000E+00
		0.1500E-02	-0.5699E-02		
		0.3063E+00	-0.4477E-02		
		0.6111E+00	-0.3410E-02		
		0.9159E+00	-0.2485E-02		
		0.1211E+01	-0.1919E-02		
		0.1505E+01	-0.1456E-02		
		0.1800E+01	-0.1084E-02		
		0.3820E+01	-0.8064E-04		
		0.5840E+01	-0.1908E-05		
		0.7860E+01	0.5122E-07		
		0.8145E+01	0.5151E-07		
		0.8429E+01	0.5169E-07		
		0.8714E+01	0.5175E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1017E+03	0.0000E+00
		0.1500E-02	-0.2559E-02		
		0.3063E+00	-0.2018E-02		
		0.6111E+00	-0.1543E-02		
		0.9159E+00	-0.1129E-02		
		0.1211E+01	-0.8743E-03		
		0.1505E+01	-0.6651E-03		
		0.1800E+01	-0.4964E-03		
		0.3820E+01	-0.3727E-04		
		0.5840E+01	-0.8857E-06		
		0.7860E+01	0.2472E-07		
		0.8145E+01	0.2487E-07		
		0.8429E+01	0.2495E-07		
		0.8714E+01	0.2498E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1017E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1839E-03		
		0.6111E+00	-0.1497E-03		
		0.9159E+00	-0.1163E-03		
		0.1211E+01	-0.9396E-04		
		0.1505E+01	-0.7406E-04		
		0.1800E+01	-0.5696E-04		
		0.3820E+01	-0.4814E-05		
		0.5840E+01	-0.1199E-06		
		0.7860E+01	0.1167E-07		
		0.8145E+01	0.1173E-07		
		0.8429E+01	0.1177E-07		
		0.8714E+01	0.1178E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
.1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1048E+03	0.0000E+00
		0.1500E-02	-0.1004E-01		
		0.3063E+00	-0.7901E-02		
		0.6111E+00	-0.6038E-02		
		0.9159E+00	-0.4424E-02		

		0.1211E+01	-0.3434E-02		
		0.1505E+01	-0.2623E-02		
		0.1800E+01	-0.1970E-02		
		0.3820E+01	-0.1613E-03		
		0.5840E+01	-0.4508E-05		
		0.7860E+01	0.2208E-06		
		0.8145E+01	0.2219E-06		
		0.8429E+01	0.2225E-06		
		0.8714E+01	0.2228E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1048E+03	0.0000E+00
		0.1500E-02	-0.5706E-02		
		0.3063E+00	-0.4498E-02		
		0.6111E+00	-0.3443E-02		
		0.9159E+00	-0.2527E-02		
		0.1211E+01	-0.1964E-02		
		0.1505E+01	-0.1502E-02		
		0.1800E+01	-0.1129E-02		
		0.3820E+01	-0.9287E-04		
		0.5840E+01	-0.2601E-05		
		0.7860E+01	0.1138E-06		
		0.8145E+01	0.1144E-06		
		0.8429E+01	0.1148E-06		
		0.8714E+01	0.1149E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1048E+03	0.0000E+00
		0.1500E-02	-0.2562E-02		
		0.3063E+00	-0.2028E-02		
		0.6111E+00	-0.1558E-02		
		0.9159E+00	-0.1149E-02		
		0.1211E+01	-0.8954E-03		
		0.1505E+01	-0.6866E-03		
		0.1800E+01	-0.5173E-03		
		0.3820E+01	-0.4298E-04		
		0.5840E+01	-0.1209E-05		
		0.7860E+01	0.5740E-07		
		0.8145E+01	0.5770E-07		
		0.8429E+01	0.5788E-07		
		0.8714E+01	0.5794E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1048E+03	0.0000E+00
		0.1500E-02	-0.2172E-03		
		0.3063E+00	-0.1853E-03		
		0.6111E+00	-0.1518E-03		
		0.9159E+00	-0.1190E-03		
		0.1211E+01	-0.9692E-04		
		0.1505E+01	-0.7709E-04		
		0.1800E+01	-0.5991E-04		
		0.3820E+01	-0.5631E-05		
		0.5840E+01	-0.1665E-06		
		0.7860E+01	0.2834E-07		
		0.8145E+01	0.2847E-07		
		0.8429E+01	0.2855E-07		
		0.8714E+01	0.2858E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1079E+03	0.0000E+00

		0.1500E-02	-0.1005E-01		
		0.3063E+00	-0.7934E-02		
		0.6111E+00	-0.6090E-02		
		0.9159E+00	-0.4490E-02		
		0.1211E+01	-0.3506E-02		
		0.1505E+01	-0.2697E-02		
		0.1800E+01	-0.2042E-02		
		0.3820E+01	-0.1830E-03		
		0.5840E+01	-0.5956E-05		
		0.7860E+01	0.4386E-06		
		0.8145E+01	0.4406E-06		
		0.8429E+01	0.4418E-06		
		0.8714E+01	0.4422E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1079E+03	0.0000E+00
		0.1500E-02	-0.5712E-02		
		0.3063E+00	-0.4517E-02		
		0.6111E+00	-0.3473E-02		
		0.9159E+00	-0.2565E-02		
		0.1211E+01	-0.2006E-02		
		0.1505E+01	-0.1545E-02		
		0.1800E+01	-0.1171E-02		
		0.3820E+01	-0.1055E-03		
		0.5840E+01	-0.3440E-05		
		0.7860E+01	0.2349E-06		
		0.8145E+01	0.2360E-06		
		0.8429E+01	0.2367E-06		
		0.8714E+01	0.2369E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1079E+03	0.0000E+00
		0.1500E-02	-0.2565E-02		
		0.3063E+00	-0.2037E-02		
		0.6111E+00	-0.1572E-02		
		0.9159E+00	-0.1166E-02		
		0.1211E+01	-0.9149E-03		
		0.1505E+01	-0.7066E-03		
		0.1800E+01	-0.5368E-03		
		0.3820E+01	-0.4887E-04		
		0.5840E+01	-0.1602E-05		
		0.7860E+01	0.1232E-06		
		0.8145E+01	0.1238E-06		
		0.8429E+01	0.1242E-06		
		0.8714E+01	0.1243E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1079E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1865E-03		
		0.6111E+00	-0.1538E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9970E-04		
		0.1505E+01	-0.7997E-04		
		0.1800E+01	-0.6273E-04		
		0.3820E+01	-0.6491E-05		
		0.5840E+01	-0.2241E-06		
		0.7860E+01	0.6335E-07		
		0.8145E+01	0.6362E-07		
		0.8429E+01	0.6379E-07		
		0.8714E+01	0.6385E-07		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1110E+03	0.0000E+00
		0.1500E-02	-0.1006E-01		
		0.3063E+00	-0.7964E-02		
		0.6111E+00	-0.6137E-02		
		0.9159E+00	-0.4551E-02		
		0.1211E+01	-0.3573E-02		
		0.1505E+01	-0.2766E-02		
		0.1800E+01	-0.2110E-02		
		0.3820E+01	-0.2052E-03		
		0.5840E+01	-0.7666E-05		
		0.7860E+01	0.8203E-06		
		0.8145E+01	0.8238E-06		
		0.8429E+01	0.8258E-06		
		0.8714E+01	0.8266E-06		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1110E+03	0.0000E+00
		0.1500E-02	-0.5717E-02		
		0.3063E+00	-0.4534E-02		
		0.6111E+00	-0.3500E-02		
		0.9159E+00	-0.2600E-02		
		0.1211E+01	-0.2044E-02		
		0.1505E+01	-0.1585E-02		
		0.1800E+01	-0.1210E-02		
		0.3820E+01	-0.1183E-03		
		0.5840E+01	-0.4431E-05		
		0.7860E+01	0.4547E-06		
		0.8145E+01	0.4567E-06		
		0.8429E+01	0.4579E-06		
		0.8714E+01	0.4583E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1110E+03	0.0000E+00
		0.1500E-02	-0.2567E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1585E-02		
		0.9159E+00	-0.1183E-02		
		0.1211E+01	-0.9328E-03		
		0.1505E+01	-0.7252E-03		
		0.1800E+01	-0.5551E-03		
		0.3820E+01	-0.5489E-04		
		0.5840E+01	-0.2066E-05		
		0.7860E+01	0.2472E-06		
		0.8145E+01	0.2483E-06		
		0.8429E+01	0.2489E-06		
		0.8714E+01	0.2492E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1110E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1877E-03		
		0.6111E+00	-0.1557E-03		
		0.9159E+00	-0.1240E-03		
		0.1211E+01	-0.1023E-03		
		0.1505E+01	-0.8269E-04		
		0.1800E+01	-0.6543E-04		
		0.3820E+01	-0.7387E-05		
		0.5840E+01	-0.2936E-06		
		0.7860E+01	0.1318E-06		
		0.8145E+01	0.1324E-06		

		0.8429E+01	0.1327E-06		
		0.8714E+01	0.1328E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1140E+03	0.0000E+00
		0.1500E-02	-0.1007E-01		
		0.3063E+00	-0.7991E-02		
		0.6111E+00	-0.6181E-02		
		0.9159E+00	-0.4606E-02		
		0.1211E+01	-0.3634E-02		
		0.1505E+01	-0.2830E-02		
		0.1800E+01	-0.2173E-02		
		0.3820E+01	-0.2277E-03		
		0.5840E+01	-0.9642E-05		
		0.7860E+01	0.1456E-05		
		0.8145E+01	0.1461E-05		
		0.8429E+01	0.1465E-05		
		0.8714E+01	0.1466E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1140E+03	0.0000E+00
		0.1500E-02	-0.5723E-02		
		0.3063E+00	-0.4550E-02		
		0.6111E+00	-0.3525E-02		
		0.9159E+00	-0.2632E-02		
		0.1211E+01	-0.2080E-02		
		0.1505E+01	-0.1622E-02		
		0.1800E+01	-0.1247E-02		
		0.3820E+01	-0.1314E-03		
		0.5840E+01	-0.5577E-05		
		0.7860E+01	0.8326E-06		
		0.8145E+01	0.8360E-06		
		0.8429E+01	0.8380E-06		
		0.8714E+01	0.8388E-06		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1140E+03	0.0000E+00
		0.1500E-02	-0.2570E-02		
		0.3063E+00	-0.2052E-02		
		0.6111E+00	-0.1597E-02		
		0.9159E+00	-0.1198E-02		
		0.1211E+01	-0.9495E-03		
		0.1505E+01	-0.7425E-03		
		0.1800E+01	-0.5723E-03		
		0.3820E+01	-0.6100E-04		
		0.5840E+01	-0.2604E-05		
		0.7860E+01	0.4675E-06		
		0.8145E+01	0.4694E-06		
		0.8429E+01	0.4706E-06		
		0.8714E+01	0.4710E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1140E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1888E-03		
		0.6111E+00	-0.1574E-03		
		0.9159E+00	-0.1262E-03		
		0.1211E+01	-0.1048E-03		
		0.1505E+01	-0.8528E-04		
		0.1800E+01	-0.6800E-04		

		0.3820E+01	-0.8315E-05		
		0.5840E+01	-0.3755E-06		
		0.7860E+01	0.2578E-06		
		0.8145E+01	0.2587E-06		
		0.8429E+01	0.2594E-06		
		0.8714E+01	0.2596E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1169E+03	0.0000E+00
		0.1500E-02	-0.1008E-01		
		0.3063E+00	-0.8016E-02		
		0.6111E+00	-0.6220E-02		
		0.9159E+00	-0.4657E-02		
		0.1211E+01	-0.3690E-02		
		0.1505E+01	-0.2889E-02		
		0.1800E+01	-0.2232E-02		
		0.3820E+01	-0.2503E-03		
		0.5840E+01	-0.1189E-04		
		0.7860E+01	0.2467E-05		
		0.8145E+01	0.2476E-05		
		0.8429E+01	0.2481E-05		
		0.8714E+01	0.2483E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1169E+03	0.0000E+00
		0.1500E-02	-0.5727E-02		
		0.3063E+00	-0.4564E-02		
		0.6111E+00	-0.3549E-02		
		0.9159E+00	-0.2662E-02		
		0.1211E+01	-0.2113E-02		
		0.1505E+01	-0.1656E-02		
		0.1800E+01	-0.1281E-02		
		0.3820E+01	-0.1445E-03		
		0.5840E+01	-0.6880E-05		
		0.7860E+01	0.1452E-05		
		0.8145E+01	0.1457E-05		
		0.8429E+01	0.1461E-05		
		0.8714E+01	0.1462E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1169E+03	0.0000E+00
		0.1500E-02	-0.2572E-02		
		0.3063E+00	-0.2059E-02		
		0.6111E+00	-0.1608E-02		
		0.9159E+00	-0.1212E-02		
		0.1211E+01	-0.9649E-03		
		0.1505E+01	-0.7586E-03		
		0.1800E+01	-0.5884E-03		
		0.3820E+01	-0.6717E-04		
		0.5840E+01	-0.3217E-05		
		0.7860E+01	0.8397E-06		
		0.8145E+01	0.8429E-06		
		0.8429E+01	0.8448E-06		
		0.8714E+01	0.8455E-06		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1169E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1898E-03		
		0.6111E+00	-0.1590E-03		

		0.9159E+00	-0.1283E-03		
		0.1211E+01	-0.1071E-03		
		0.1505E+01	-0.8773E-04		
		0.1800E+01	-0.7046E-04		
		0.3820E+01	-0.9267E-05		
		0.5840E+01	-0.4704E-06		
		0.7860E+01	0.4772E-06		
		0.8145E+01	0.4789E-06		
		0.8429E+01	0.4800E-06		
		0.8714E+01	0.4804E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1198E+03	0.0000E+00
		0.1500E-02	-0.1009E-01		
		0.3063E+00	-0.8038E-02		
		0.6111E+00	-0.6257E-02		
		0.9159E+00	-0.4705E-02		
		0.1211E+01	-0.3743E-02		
		0.1505E+01	-0.2944E-02		
		0.1800E+01	-0.2287E-02		
		0.3820E+01	-0.2729E-03		
		0.5840E+01	-0.1439E-04		
		0.7860E+01	0.4013E-05		
		0.8145E+01	0.4028E-05		
		0.8429E+01	0.4036E-05		
		0.8714E+01	0.4039E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1198E+03	0.0000E+00
		0.1500E-02	-0.5731E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3570E-02		
		0.9159E+00	-0.2690E-02		
		0.1211E+01	-0.2143E-02		
		0.1505E+01	-0.1688E-02		
		0.1800E+01	-0.1313E-02		
		0.3820E+01	-0.1576E-03		
		0.5840E+01	-0.8337E-05		
		0.7860E+01	0.2425E-05		
		0.8145E+01	0.2433E-05		
		0.8429E+01	0.2439E-05		
		0.8714E+01	0.2441E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1198E+03	0.0000E+00
		0.1500E-02	-0.2574E-02		
		0.3063E+00	-0.2065E-02		
		0.6111E+00	-0.1618E-02		
		0.9159E+00	-0.1225E-02		
		0.1211E+01	-0.9791E-03		
		0.1505E+01	-0.7736E-03		
		0.1800E+01	-0.6035E-03		
		0.3820E+01	-0.7335E-04		
		0.5840E+01	-0.3904E-05		
		0.7860E+01	0.1441E-05		
		0.8145E+01	0.1446E-05		
		0.8429E+01	0.1449E-05		
		0.8714E+01	0.1450E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1198E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1605E-03		
		0.9159E+00	-0.1303E-03		
		0.1211E+01	-0.1093E-03		
		0.1505E+01	-0.9006E-04		
		0.1800E+01	-0.7281E-04		
		0.3820E+01	-0.1024E-04		
		0.5840E+01	-0.5782E-06		
		0.7860E+01	0.8419E-06		
		0.8145E+01	0.8449E-06		
		0.8429E+01	0.8467E-06		
		0.8714E+01	0.8473E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1227E+03	0.0000E+00
		0.1500E-02	-0.1009E-01		
		0.3063E+00	-0.8059E-02		
		0.6111E+00	-0.6291E-02		
		0.9159E+00	-0.4748E-02		
		0.1211E+01	-0.3791E-02		
		0.1505E+01	-0.2995E-02		
		0.1800E+01	-0.2339E-02		
		0.3820E+01	-0.2953E-03		
		0.5840E+01	-0.1715E-04		
		0.7860E+01	0.6299E-05		
		0.8145E+01	0.6320E-05		
		0.8429E+01	0.6333E-05		
		0.8714E+01	0.6337E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1227E+03	0.0000E+00
		0.1500E-02	-0.5735E-02		
		0.3063E+00	-0.4589E-02		
		0.6111E+00	-0.3589E-02		
		0.9159E+00	-0.2715E-02		
		0.1211E+01	-0.2171E-02		
		0.1505E+01	-0.1718E-02		
		0.1800E+01	-0.1343E-02		
		0.3820E+01	-0.1707E-03		
		0.5840E+01	-0.9944E-05		
		0.7860E+01	0.3898E-05		
		0.8145E+01	0.3911E-05		
		0.8429E+01	0.3919E-05		
		0.8714E+01	0.3922E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1227E+03	0.0000E+00
		0.1500E-02	-0.2576E-02		
		0.3063E+00	-0.2071E-02		
		0.6111E+00	-0.1627E-02		
		0.9159E+00	-0.1236E-02		
		0.1211E+01	-0.9924E-03		
		0.1505E+01	-0.7876E-03		
		0.1800E+01	-0.6176E-03		
		0.3820E+01	-0.7952E-04		
		0.5840E+01	-0.4662E-05		
		0.7860E+01	0.2374E-05		

		0.8145E+01	0.2382E-05		
		0.8429E+01	0.2387E-05		
		0.8714E+01	0.2389E-05		
1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1227E+03	0.0000E+00
		0.1500E-02	-0.2193E-03		
		0.3063E+00	-0.1916E-03		
		0.6111E+00	-0.1619E-03		
		0.9159E+00	-0.1321E-03		
		0.1211E+01	-0.1114E-03		
		0.1505E+01	-0.9227E-04		
		0.1800E+01	-0.7505E-04		
		0.3820E+01	-0.1123E-04		
		0.5840E+01	-0.6987E-06		
		0.7860E+01	0.1423E-05		
		0.8145E+01	0.1428E-05		
		0.8429E+01	0.1431E-05		
		0.8714E+01	0.1432E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1249E+03	0.0000E+00
		0.1500E-02	-0.1010E-01		
		0.3063E+00	-0.8075E-02		
		0.6111E+00	-0.6315E-02		
		0.9159E+00	-0.4781E-02		
		0.1211E+01	-0.3828E-02		
		0.1505E+01	-0.3034E-02		
		0.1800E+01	-0.2378E-02		
		0.3820E+01	-0.3132E-03		
		0.5840E+01	-0.1954E-04		
		0.7860E+01	0.8825E-05		
		0.8145E+01	0.8854E-05		
		0.8429E+01	0.8871E-05		
		0.8714E+01	0.8878E-05		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1249E+03	0.0000E+00
		0.1500E-02	-0.5738E-02		
		0.3063E+00	-0.4598E-02		
		0.6111E+00	-0.3604E-02		
		0.9159E+00	-0.2734E-02		
		0.1211E+01	-0.2192E-02		
		0.1505E+01	-0.1740E-02		
		0.1800E+01	-0.1366E-02		
		0.3820E+01	-0.1810E-03		
		0.5840E+01	-0.1133E-04		
		0.7860E+01	0.5559E-05		
		0.8145E+01	0.5578E-05		
		0.8429E+01	0.5589E-05		
		0.8714E+01	0.5593E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1249E+03	0.0000E+00
		0.1500E-02	-0.2577E-02		
		0.3063E+00	-0.2075E-02		
		0.6111E+00	-0.1634E-02		
		0.9159E+00	-0.1245E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7982E-03		

		0.1800E+01	-0.6283E-03		
		0.3820E+01	-0.8443E-04		
		0.5840E+01	-0.5318E-05		
		0.7860E+01	0.3449E-05		
		0.8145E+01	0.3461E-05		
		0.8429E+01	0.3468E-05		
		0.8714E+01	0.3470E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1249E+03	0.0000E+00
		0.1500E-02	-0.2195E-03		
		0.3063E+00	-0.1923E-03		
		0.6111E+00	-0.1630E-03		
		0.9159E+00	-0.1336E-03		
		0.1211E+01	-0.1130E-03		
		0.1505E+01	-0.9396E-04		
		0.1800E+01	-0.7677E-04		
		0.3820E+01	-0.1203E-04		
		0.5840E+01	-0.8035E-06		
		0.7860E+01	0.2108E-05		
		0.8145E+01	0.2114E-05		
		0.8429E+01	0.2119E-05		
		0.8714E+01	0.2120E-05		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -       10: 3: 4            *
*           EXECUTION TIME    0: 1: 1            *
*                                                *
*                                                *
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CLR5

3-Foot Recompacted Cohesive Soil Liner
Porosity = 0.28
(Site Maximum)

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*                                                        *
*                                                        *
*                    M I G R A T E v 9                   *
*                                                        *
*                      VERSION 9.0.7                     *
*                                                        *
*                   REVISION - 4/16/1996                 *
*                                                        *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996      *
*                                                        *
*                                                        *
*                                                        *
*                                                        *
*                 RUN DATE -   15-11- 8                  *
*                 TIME     -   10: 9: 8                  *
*                                                        *
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Clinton LF No. 3 (CWU) CLR5 (Clay Liner 0.28)

SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.280	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.280	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.280	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1884E+02	0.0000E+00
		0.1500E-02	-0.7062E-02		
		0.3063E+00	-0.2620E-02		
		0.6111E+00	-0.6269E-03		
		0.9159E+00	-0.9924E-04		
		0.1211E+01	-0.9557E-05		
		0.1505E+01	-0.5588E-06		
		0.1800E+01	-0.1960E-07		
		0.3820E+01	-0.4143E-19		
		0.5840E+01	-0.2149E-23		
		0.7860E+01	-0.6458E-34		
		0.8145E+01	-0.9777E-34		
		0.8429E+01	-0.1004E-33		
		0.8714E+01	-0.9890E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1884E+02	0.0000E+00
		0.1500E-02	-0.4010E-02		
		0.3063E+00	-0.1488E-02		
		0.6111E+00	-0.3562E-03		
		0.9159E+00	-0.5639E-04		
		0.1211E+01	-0.5431E-05		

		0.1505E+01	-0.3176E-06		
		0.1800E+01	-0.1114E-07		
		0.3820E+01	-0.1419E-19		
		0.5840E+01	-0.1224E-23		
		0.7860E+01	-0.9134E-34		
		0.8145E+01	-0.1074E-33		
		0.8429E+01	-0.1070E-33		
		0.8714E+01	-0.1055E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1884E+02	0.0000E+00
		0.1500E-02	-0.1798E-02		
		0.3063E+00	-0.6678E-03		
		0.6111E+00	-0.1599E-03		
		0.9159E+00	-0.2532E-04		
		0.1211E+01	-0.2439E-05		
		0.1505E+01	-0.1426E-06		
		0.1800E+01	-0.5002E-08		
		0.3820E+01	0.3641E-20		
		0.5840E+01	-0.5525E-24		
		0.7860E+01	-0.6471E-34		
		0.8145E+01	-0.6983E-34		
		0.8429E+01	-0.6827E-34		
		0.8714E+01	-0.6712E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1884E+02	0.0000E+00
		0.1500E-02	-0.1486E-03		
		0.3063E+00	-0.5596E-04		
		0.6111E+00	-0.1350E-04		
		0.9159E+00	-0.2147E-05		
		0.1211E+01	-0.2073E-06		
		0.1505E+01	-0.1214E-07		
		0.1800E+01	-0.4263E-09		
		0.3820E+01	0.1602E-19		
		0.5840E+01	-0.5166E-25		
		0.7860E+01	-0.4051E-34		
		0.8145E+01	-0.3826E-34		
		0.8429E+01	-0.3628E-34		
		0.8714E+01	-0.3554E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3078E+02	0.0000E+00
		0.1500E-02	-0.7974E-02		
		0.3063E+00	-0.4205E-02		
		0.6111E+00	-0.1806E-02		
		0.9159E+00	-0.6548E-03		
		0.1211E+01	-0.1824E-03		
		0.1505E+01	-0.3998E-04		
		0.1800E+01	-0.6849E-05		
		0.3820E+01	-0.3508E-13		
		0.5840E+01	0.1235E-17		
		0.7860E+01	-0.9460E-25		
		0.8145E+01	0.1860E-24		
		0.8429E+01	0.3273E-24		
		0.8714E+01	0.3702E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3078E+02	0.0000E+00
		0.1500E-02	-0.4529E-02		

		0.3063E+00	-0.2389E-02		
		0.6111E+00	-0.1027E-02		
		0.9159E+00	-0.3723E-03		
		0.1211E+01	-0.1037E-03		
		0.1505E+01	-0.2274E-04		
		0.1800E+01	-0.3896E-05		
		0.3820E+01	-0.1996E-13		
		0.5840E+01	0.7017E-18		
		0.7860E+01	-0.3752E-24		
		0.8145E+01	-0.2139E-24		
		0.8429E+01	-0.1312E-24		
		0.8714E+01	-0.1058E-24		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3078E+02	0.0000E+00
		0.1500E-02	-0.2032E-02		
		0.3063E+00	-0.1073E-02		
		0.6111E+00	-0.4615E-03		
		0.9159E+00	-0.1674E-03		
		0.1211E+01	-0.4665E-04		
		0.1505E+01	-0.1023E-04		
		0.1800E+01	-0.1753E-05		
		0.3820E+01	-0.8991E-14		
		0.5840E+01	0.3149E-18		
		0.7860E+01	-0.2476E-24		
		0.8145E+01	-0.1725E-24		
		0.8429E+01	-0.1325E-24		
		0.8714E+01	-0.1199E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3078E+02	0.0000E+00
		0.1500E-02	-0.1689E-03		
		0.3063E+00	-0.9125E-04		
		0.6111E+00	-0.3981E-04		
		0.9159E+00	-0.1457E-04		
		0.1211E+01	-0.4084E-05		
		0.1505E+01	-0.8993E-06		
		0.1800E+01	-0.1545E-06		
		0.3820E+01	-0.8069E-15		
		0.5840E+01	0.2645E-19		
		0.7860E+01	-0.6392E-25		
		0.8145E+01	-0.5240E-25		
		0.8429E+01	-0.4387E-25		
		0.8714E+01	-0.4084E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4049E+02	0.0000E+00
		0.1500E-02	-0.8429E-02		
		0.3063E+00	-0.5107E-02		
		0.6111E+00	-0.2726E-02		
		0.9159E+00	-0.1318E-02		
		0.1211E+01	-0.5305E-03		
		0.1505E+01	-0.1828E-03		
		0.1800E+01	-0.5366E-04		
		0.3820E+01	-0.1274E-09		
		0.5840E+01	0.1210E-15		
		0.7860E+01	-0.1897E-19		
		0.8145E+01	-0.1808E-19		
		0.8429E+01	-0.1766E-19		

		0.8714E+01	-0.1754E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4049E+02	0.0000E+00
		0.1500E-02	-0.4788E-02		
		0.3063E+00	-0.2903E-02		
		0.6111E+00	-0.1551E-02		
		0.9159E+00	-0.7500E-03		
		0.1211E+01	-0.3018E-03		
		0.1505E+01	-0.1040E-03		
		0.1800E+01	-0.3054E-04		
		0.3820E+01	-0.7253E-10		
		0.5840E+01	0.6859E-16		
		0.7860E+01	0.6956E-20		
		0.8145E+01	0.7637E-20		
		0.8429E+01	0.7987E-20		
		0.8714E+01	0.8095E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4049E+02	0.0000E+00
		0.1500E-02	-0.2148E-02		
		0.3063E+00	-0.1305E-02		
		0.6111E+00	-0.6975E-03		
		0.9159E+00	-0.3376E-03		
		0.1211E+01	-0.1360E-03		
		0.1505E+01	-0.4687E-04		
		0.1800E+01	-0.1377E-04		
		0.3820E+01	-0.3272E-10		
		0.5840E+01	0.3065E-16		
		0.7860E+01	0.4802E-20		
		0.8145E+01	0.5149E-20		
		0.8429E+01	0.5337E-20		
		0.8714E+01	0.5396E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4049E+02	0.0000E+00
		0.1500E-02	-0.1794E-03		
		0.3063E+00	-0.1122E-03		
		0.6111E+00	-0.6123E-04		
		0.9159E+00	-0.3003E-04		
		0.1211E+01	-0.1221E-04		
		0.1505E+01	-0.4236E-05		
		0.1800E+01	-0.1250E-05		
		0.3820E+01	-0.3011E-11		
		0.5840E+01	0.2370E-17		
		0.7860E+01	0.1832E-20		
		0.8145E+01	0.1893E-20		
		0.8429E+01	0.1937E-20		
		0.8714E+01	0.1953E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4890E+02	0.0000E+00
		0.1500E-02	-0.8714E-02		
		0.3063E+00	-0.5705E-02		
		0.6111E+00	-0.3420E-02		
		0.9159E+00	-0.1917E-02		
		0.1211E+01	-0.9319E-03		
		0.1505E+01	-0.4044E-03		
		0.1800E+01	-0.1561E-03		
		0.3820E+01	-0.7932E-08		

		0.5840E+01	-0.2365E-14		
		0.7860E+01	0.1081E-16		
		0.8145E+01	0.1090E-16		
		0.8429E+01	0.1096E-16		
		0.8714E+01	0.1098E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4890E+02	0.0000E+00
		0.1500E-02	-0.4951E-02		
		0.3063E+00	-0.3243E-02		
		0.6111E+00	-0.1945E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.5305E-03		
		0.1505E+01	-0.2303E-03		
		0.1800E+01	-0.8888E-04		
		0.3820E+01	-0.4520E-08		
		0.5840E+01	-0.1349E-14		
		0.7860E+01	0.1388E-17		
		0.8145E+01	0.1431E-17		
		0.8429E+01	0.1455E-17		
		0.8714E+01	0.1463E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4890E+02	0.0000E+00
		0.1500E-02	-0.2222E-02		
		0.3063E+00	-0.1458E-02		
		0.6111E+00	-0.8759E-03		
		0.9159E+00	-0.4917E-03		
		0.1211E+01	-0.2393E-03		
		0.1505E+01	-0.1039E-03		
		0.1800E+01	-0.4012E-04		
		0.3820E+01	-0.2043E-08		
		0.5840E+01	-0.6112E-15		
		0.7860E+01	-0.1441E-17		
		0.8145E+01	-0.1433E-17		
		0.8429E+01	-0.1429E-17		
		0.8714E+01	-0.1428E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4890E+02	0.0000E+00
		0.1500E-02	-0.1864E-03		
		0.3063E+00	-0.1267E-03		
		0.6111E+00	-0.7805E-04		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.2196E-04		
		0.1505E+01	-0.9624E-05		
		0.1800E+01	-0.3741E-05		
		0.3820E+01	-0.1944E-09		
		0.5840E+01	-0.6061E-16		
		0.7860E+01	-0.1097E-17		
		0.8145E+01	-0.1101E-17		
		0.8429E+01	-0.1103E-17		
		0.8714E+01	-0.1104E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5643E+02	0.0000E+00
		0.1500E-02	-0.8913E-02		
		0.3063E+00	-0.6134E-02		
		0.6111E+00	-0.3954E-02		
		0.9159E+00	-0.2426E-02		

		0.1211E+01	-0.1324E-02		
		0.1505E+01	-0.6615E-03		
		0.1800E+01	-0.3013E-03		
		0.3820E+01	-0.9722E-07		
		0.5840E+01	-0.2360E-12		
		0.7860E+01	-0.3066E-15		
		0.8145E+01	-0.3086E-15		
		0.8429E+01	-0.3097E-15		
		0.8714E+01	-0.3101E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5643E+02	0.0000E+00
		0.1500E-02	-0.5064E-02		
		0.3063E+00	-0.3488E-02		
		0.6111E+00	-0.2250E-02		
		0.9159E+00	-0.1381E-02		
		0.1211E+01	-0.7543E-03		
		0.1505E+01	-0.3769E-03		
		0.1800E+01	-0.1717E-03		
		0.3820E+01	-0.5545E-07		
		0.5840E+01	-0.1346E-12		
		0.7860E+01	-0.7594E-16		
		0.8145E+01	-0.7723E-16		
		0.8429E+01	-0.7797E-16		
		0.8714E+01	-0.7822E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5643E+02	0.0000E+00
		0.1500E-02	-0.2273E-02		
		0.3063E+00	-0.1569E-02		
		0.6111E+00	-0.1014E-02		
		0.9159E+00	-0.6232E-03		
		0.1211E+01	-0.3406E-03		
		0.1505E+01	-0.1703E-03		
		0.1800E+01	-0.7764E-04		
		0.3820E+01	-0.2511E-07		
		0.5840E+01	-0.6099E-13		
		0.7860E+01	0.4397E-16		
		0.8145E+01	0.4363E-16		
		0.8429E+01	0.4344E-16		
		0.8714E+01	0.4338E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5643E+02	0.0000E+00
		0.1500E-02	-0.1914E-03		
		0.3063E+00	-0.1376E-03		
		0.6111E+00	-0.9155E-04		
		0.9159E+00	-0.5743E-04		
		0.1211E+01	-0.3187E-04		
		0.1505E+01	-0.1612E-04		
		0.1800E+01	-0.7415E-05		
		0.3820E+01	-0.2464E-08		
		0.5840E+01	-0.6032E-14		
		0.7860E+01	0.5212E-16		
		0.8145E+01	0.5226E-16		
		0.8429E+01	0.5234E-16		
		0.8714E+01	0.5237E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6330E+02	0.0000E+00

		0.1500E-02	-0.9061E-02		
		0.3063E+00	-0.6460E-02		
		0.6111E+00	-0.4377E-02		
		0.9159E+00	-0.2855E-02		
		0.1211E+01	-0.1685E-02		
		0.1505E+01	-0.9256E-03		
		0.1800E+01	-0.4715E-03		
		0.3820E+01	-0.5244E-06		
		0.5840E+01	-0.1047E-10		
		0.7860E+01	0.2347E-14		
		0.8145E+01	0.2362E-14		
		0.8429E+01	0.2372E-14		
		0.8714E+01	0.2375E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6330E+02	0.0000E+00
		0.1500E-02	-0.5149E-02		
		0.3063E+00	-0.3674E-02		
		0.6111E+00	-0.2492E-02		
		0.9159E+00	-0.1626E-02		
		0.1211E+01	-0.9604E-03		
		0.1505E+01	-0.5276E-03		
		0.1800E+01	-0.2688E-03		
		0.3820E+01	-0.2993E-06		
		0.5840E+01	-0.5976E-11		
		0.7860E+01	0.1069E-15		
		0.8145E+01	0.1158E-15		
		0.8429E+01	0.1211E-15		
		0.8714E+01	0.1229E-15		
0.3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6330E+02	0.0000E+00
		0.1500E-02	-0.2311E-02		
		0.3063E+00	-0.1654E-02		
		0.6111E+00	-0.1124E-02		
		0.9159E+00	-0.7342E-03		
		0.1211E+01	-0.4341E-03		
		0.1505E+01	-0.2387E-03		
		0.1800E+01	-0.1217E-03		
		0.3820E+01	-0.1358E-06		
		0.5840E+01	-0.2713E-11		
		0.7860E+01	-0.8905E-15		
		0.8145E+01	-0.8897E-15		
		0.8429E+01	-0.8892E-15		
		0.8714E+01	-0.8892E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6330E+02	0.0000E+00
		0.1500E-02	-0.1953E-03		
		0.3063E+00	-0.1461E-03		
		0.6111E+00	-0.1026E-03		
		0.9159E+00	-0.6866E-04		
		0.1211E+01	-0.4134E-04		
		0.1505E+01	-0.2305E-04		
		0.1800E+01	-0.1188E-04		
		0.3820E+01	-0.1372E-07		
		0.5840E+01	-0.2767E-12		
		0.7860E+01	-0.7498E-15		
		0.8145E+01	-0.7526E-15		
		0.8429E+01	-0.7543E-15		
		0.8714E+01	-0.7549E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6965E+02	0.0000E+00
		0.1500E-02	-0.9176E-02		
		0.3063E+00	-0.6716E-02		
		0.6111E+00	-0.4719E-02		
		0.9159E+00	-0.3216E-02		
		0.1211E+01	-0.2009E-02		
		0.1505E+01	-0.1182E-02		
		0.1800E+01	-0.6524E-03		
		0.3820E+01	-0.1762E-05		
		0.5840E+01	-0.1558E-09		
		0.7860E+01	-0.1338E-14		
		0.8145E+01	-0.1386E-14		
		0.8429E+01	-0.1416E-14		
		0.8714E+01	-0.1426E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6965E+02	0.0000E+00
		0.1500E-02	-0.5214E-02		
		0.3063E+00	-0.3821E-02		
		0.6111E+00	-0.2687E-02		
		0.9159E+00	-0.1832E-02		
		0.1211E+01	-0.1146E-02		
		0.1505E+01	-0.6740E-03		
		0.1800E+01	-0.3722E-03		
		0.3820E+01	-0.1007E-05		
		0.5840E+01	-0.8900E-10		
		0.7860E+01	0.7147E-14		
		0.8145E+01	0.7144E-14		
		0.8429E+01	0.7142E-14		
		0.8714E+01	0.7141E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6965E+02	0.0000E+00
		0.1500E-02	-0.2341E-02		
		0.3063E+00	-0.1720E-02		
		0.6111E+00	-0.1212E-02		
		0.9159E+00	-0.8280E-03		
		0.1211E+01	-0.5183E-03		
		0.1505E+01	-0.3053E-03		
		0.1800E+01	-0.1687E-03		
		0.3820E+01	-0.4575E-06		
		0.5840E+01	-0.4049E-10		
		0.7860E+01	0.7224E-14		
		0.8145E+01	0.7249E-14		
		0.8429E+01	0.7264E-14		
		0.8714E+01	0.7269E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6965E+02	0.0000E+00
		0.1500E-02	-0.1984E-03		
		0.3063E+00	-0.1531E-03		
		0.6111E+00	-0.1119E-03		
		0.9159E+00	-0.7849E-04		
		0.1211E+01	-0.5016E-04		
		0.1505E+01	-0.3002E-04		
		0.1800E+01	-0.1680E-04		
		0.3820E+01	-0.4749E-07		
		0.5840E+01	-0.4256E-11		
		0.7860E+01	0.3078E-14		
		0.8145E+01	0.3103E-14		

		0.8429E+01	0.3118E-14		
		0.8714E+01	0.3123E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7558E+02	0.0000E+00
		0.1500E-02	-0.9268E-02		
		0.3063E+00	-0.6922E-02		
		0.6111E+00	-0.5000E-02		
		0.9159E+00	-0.3523E-02		
		0.1211E+01	-0.2298E-02		
		0.1505E+01	-0.1423E-02		
		0.1800E+01	-0.8346E-03		
		0.3820E+01	-0.4394E-05		
		0.5840E+01	-0.1188E-08		
		0.7860E+01	-0.4122E-13		
		0.8145E+01	-0.4106E-13		
		0.8429E+01	-0.4098E-13		
		0.8714E+01	-0.4096E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7558E+02	0.0000E+00
		0.1500E-02	-0.5267E-02		
		0.3063E+00	-0.3938E-02		
		0.6111E+00	-0.2848E-02		
		0.9159E+00	-0.2008E-02		
		0.1211E+01	-0.1310E-02		
		0.1505E+01	-0.8119E-03		
		0.1800E+01	-0.4764E-03		
		0.3820E+01	-0.2512E-05		
		0.5840E+01	-0.6796E-09		
		0.7860E+01	-0.3334E-13		
		0.8145E+01	-0.3337E-13		
		0.8429E+01	-0.3339E-13		
		0.8714E+01	-0.3341E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7558E+02	0.0000E+00
		0.1500E-02	-0.2365E-02		
		0.3063E+00	-0.1774E-02		
		0.6111E+00	-0.1286E-02		
		0.9159E+00	-0.9080E-03		
		0.1211E+01	-0.5935E-03		
		0.1505E+01	-0.3681E-03		
		0.1800E+01	-0.2162E-03		
		0.3820E+01	-0.1144E-05		
		0.5840E+01	-0.3097E-09		
		0.7860E+01	-0.9316E-14		
		0.8145E+01	-0.9389E-14		
		0.8429E+01	-0.9437E-14		
		0.8714E+01	-0.9455E-14		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7558E+02	0.0000E+00
		0.1500E-02	-0.2010E-03		
		0.3063E+00	-0.1589E-03		
		0.6111E+00	-0.1198E-03		
		0.9159E+00	-0.8713E-04		
		0.1211E+01	-0.5828E-04		
		0.1505E+01	-0.3682E-04		
		0.1800E+01	-0.2194E-04		

		0.3820E+01	-0.1218E-06		
		0.5840E+01	-0.3349E-10		
		0.7860E+01	0.9710E-14		
		0.8145E+01	0.9672E-14		
		0.8429E+01	0.9650E-14		
		0.8714E+01	0.9644E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8116E+02	0.0000E+00
		0.1500E-02	-0.9343E-02		
		0.3063E+00	-0.7091E-02		
		0.6111E+00	-0.5235E-02		
		0.9159E+00	-0.3785E-02		
		0.1211E+01	-0.2553E-02		
		0.1505E+01	-0.1646E-02		
		0.1800E+01	-0.1013E-02		
		0.3820E+01	-0.8967E-05		
		0.5840E+01	-0.5793E-08		
		0.7860E+01	0.6928E-13		
		0.8145E+01	0.7296E-13		
		0.8429E+01	0.7485E-13		
		0.8714E+01	0.7544E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8116E+02	0.0000E+00
		0.1500E-02	-0.5309E-02		
		0.3063E+00	-0.4035E-02		
		0.6111E+00	-0.2982E-02		
		0.9159E+00	-0.2158E-02		
		0.1211E+01	-0.1457E-02		
		0.1505E+01	-0.9399E-03		
		0.1800E+01	-0.5783E-03		
		0.3820E+01	-0.5130E-05		
		0.5840E+01	-0.3316E-08		
		0.7860E+01	-0.2919E-13		
		0.8145E+01	-0.2713E-13		
		0.8429E+01	-0.2606E-13		
		0.8714E+01	-0.2573E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8116E+02	0.0000E+00
		0.1500E-02	-0.2385E-02		
		0.3063E+00	-0.1818E-02		
		0.6111E+00	-0.1347E-02		
		0.9159E+00	-0.9765E-03		
		0.1211E+01	-0.6603E-03		
		0.1505E+01	-0.4266E-03		
		0.1800E+01	-0.2627E-03		
		0.3820E+01	-0.2340E-05		
		0.5840E+01	-0.1514E-08		
		0.7860E+01	-0.7239E-13		
		0.8145E+01	-0.7159E-13		
		0.8429E+01	-0.7117E-13		
		0.8714E+01	-0.7104E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8116E+02	0.0000E+00
		0.1500E-02	-0.2031E-03		
		0.3063E+00	-0.1638E-03		
		0.6111E+00	-0.1267E-03		

		0.9159E+00	-0.9476E-04		
		0.1211E+01	-0.6572E-04		
		0.1505E+01	-0.4333E-04		
		0.1800E+01	-0.2712E-04		
		0.3820E+01	-0.2553E-06		
		0.5840E+01	-0.1682E-09		
		0.7860E+01	-0.6122E-13		
		0.8145E+01	-0.6130E-13		
		0.8429E+01	-0.6134E-13		
		0.8714E+01	-0.6136E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8645E+02	0.0000E+00
		0.1500E-02	-0.9405E-02		
		0.3063E+00	-0.7232E-02		
		0.6111E+00	-0.5433E-02		
		0.9159E+00	-0.4011E-02		
		0.1211E+01	-0.2780E-02		
		0.1505E+01	-0.1852E-02		
		0.1800E+01	-0.1183E-02		
		0.3820E+01	-0.1589E-04		
		0.5840E+01	-0.2062E-07		
		0.7860E+01	0.5661E-12		
		0.8145E+01	0.5953E-12		
		0.8429E+01	0.6100E-12		
		0.8714E+01	0.6146E-12		
.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8645E+02	0.0000E+00
		0.1500E-02	-0.5345E-02		
		0.3063E+00	-0.4116E-02		
		0.6111E+00	-0.3095E-02		
		0.9159E+00	-0.2287E-02		
		0.1211E+01	-0.1587E-02		
		0.1505E+01	-0.1057E-02		
		0.1800E+01	-0.6758E-03		
		0.3820E+01	-0.9097E-05		
		0.5840E+01	-0.1181E-07		
		0.7860E+01	0.2480E-12		
		0.8145E+01	0.2644E-12		
		0.8429E+01	0.2729E-12		
		0.8714E+01	0.2755E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8645E+02	0.0000E+00
		0.1500E-02	-0.2401E-02		
		0.3063E+00	-0.1855E-02		
		0.6111E+00	-0.1399E-02		
		0.9159E+00	-0.1036E-02		
		0.1211E+01	-0.7197E-03		
		0.1505E+01	-0.4804E-03		
		0.1800E+01	-0.3074E-03		
		0.3820E+01	-0.4156E-05		
		0.5840E+01	-0.5404E-08		
		0.7860E+01	0.6870E-13		
		0.8145E+01	0.7666E-13		
		0.8429E+01	0.8093E-13		
		0.8714E+01	0.8227E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8645E+02	0.0000E+00
		0.1500E-02	-0.2050E-03		
		0.3063E+00	-0.1681E-03		
		0.6111E+00	-0.1326E-03		
		0.9159E+00	-0.1016E-03		
		0.1211E+01	-0.7254E-04		
		0.1505E+01	-0.4950E-04		
		0.1800E+01	-0.3225E-04		
		0.3820E+01	-0.4639E-06		
		0.5840E+01	-0.6157E-09		
		0.7860E+01	-0.5890E-13		
		0.8145E+01	-0.5742E-13		
		0.8429E+01	-0.5639E-13		
		0.8714E+01	-0.5603E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9148E+02	0.0000E+00
		0.1500E-02	-0.9457E-02		
		0.3063E+00	-0.7351E-02		
		0.6111E+00	-0.5602E-02		
		0.9159E+00	-0.4206E-02		
		0.1211E+01	-0.2981E-02		
		0.1505E+01	-0.2039E-02		
		0.1800E+01	-0.1344E-02		
		0.3820E+01	-0.2539E-04		
		0.5840E+01	-0.5831E-07		
		0.7860E+01	0.4289E-11		
		0.8145E+01	0.4469E-11		
		0.8429E+01	0.4561E-11		
		0.8714E+01	0.4590E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9148E+02	0.0000E+00
		0.1500E-02	-0.5375E-02		
		0.3063E+00	-0.4184E-02		
		0.6111E+00	-0.3192E-02		
		0.9159E+00	-0.2400E-02		
		0.1211E+01	-0.1702E-02		
		0.1505E+01	-0.1165E-02		
		0.1800E+01	-0.7682E-03		
		0.3820E+01	-0.1455E-04		
		0.5840E+01	-0.3343E-07		
		0.7860E+01	0.1292E-11		
		0.8145E+01	0.1387E-11		
		0.8429E+01	0.1436E-11		
		0.8714E+01	0.1451E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9148E+02	0.0000E+00
		0.1500E-02	-0.2415E-02		
		0.3063E+00	-0.1886E-02		
		0.6111E+00	-0.1443E-02		
		0.9159E+00	-0.1087E-02		
		0.1211E+01	-0.7727E-03		
		0.1505E+01	-0.5297E-03		
		0.1800E+01	-0.3498E-03		
		0.3820E+01	-0.6658E-05		
		0.5840E+01	-0.1533E-07		
		0.7860E+01	0.5650E-12		

		0.8145E+01	0.6085E-12		
		0.8429E+01	0.6317E-12		
		0.8714E+01	0.6390E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9148E+02	0.0000E+00
		0.1500E-02	-0.2066E-03		
		0.3063E+00	-0.1717E-03		
		0.6111E+00	-0.1379E-03		
		0.9159E+00	-0.1076E-03		
		0.1211E+01	-0.7879E-04		
		0.1505E+01	-0.5533E-04		
		0.1800E+01	-0.3725E-04		
		0.3820E+01	-0.7594E-06		
		0.5840E+01	-0.1789E-08		
		0.7860E+01	0.3084E-12		
		0.8145E+01	0.3163E-12		
		0.8429E+01	0.3219E-12		
		0.8714E+01	0.3239E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9629E+02	0.0000E+00
		0.1500E-02	-0.9501E-02		
		0.3063E+00	-0.7453E-02		
		0.6111E+00	-0.5747E-02		
		0.9159E+00	-0.4377E-02		
		0.1211E+01	-0.3160E-02		
		0.1505E+01	-0.2210E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.3754E-04		
		0.5840E+01	-0.1388E-06		
		0.7860E+01	0.3396E-10		
		0.8145E+01	0.3483E-10		
		0.8429E+01	0.3528E-10		
		0.8714E+01	0.3543E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9629E+02	0.0000E+00
		0.1500E-02	-0.5400E-02		
		0.3063E+00	-0.4242E-02		
		0.6111E+00	-0.3276E-02		
		0.9159E+00	-0.2498E-02		
		0.1211E+01	-0.1805E-02		
		0.1505E+01	-0.1263E-02		
		0.1800E+01	-0.8548E-03		
		0.3820E+01	-0.2152E-04		
		0.5840E+01	-0.7962E-07		
		0.7860E+01	0.9767E-11		
		0.8145E+01	0.1021E-10		
		0.8429E+01	0.1044E-10		
		0.8714E+01	0.1051E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9629E+02	0.0000E+00
		0.1500E-02	-0.2426E-02		
		0.3063E+00	-0.1913E-02		
		0.6111E+00	-0.1482E-02		
		0.9159E+00	-0.1132E-02		
		0.1211E+01	-0.8199E-03		
		0.1505E+01	-0.5749E-03		

		0.1800E+01	-0.3896E-03		
		0.3820E+01	-0.9864E-05		
		0.5840E+01	-0.3656E-07		
		0.7860E+01	0.2897E-11		
		0.8145E+01	0.3091E-11		
		0.8429E+01	0.3195E-11		
		0.8714E+01	0.3228E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9629E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1750E-03		
		0.6111E+00	-0.1425E-03		
		0.9159E+00	-0.1131E-03		
		0.1211E+01	-0.8452E-04		
		0.1505E+01	-0.6080E-04		
		0.1800E+01	-0.4208E-04		
		0.3820E+01	-0.1149E-05		
		0.5840E+01	-0.4369E-08		
		0.7860E+01	0.1252E-11		
		0.8145E+01	0.1285E-11		
		0.8429E+01	0.1308E-11		
		0.8714E+01	0.1316E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1009E+03	0.0000E+00
		0.1500E-02	-0.9539E-02		
		0.3063E+00	-0.7540E-02		
		0.6111E+00	-0.5873E-02		
		0.9159E+00	-0.4527E-02		
		0.1211E+01	-0.3320E-02		
		0.1505E+01	-0.2366E-02		
		0.1800E+01	-0.1635E-02		
		0.3820E+01	-0.5225E-04		
		0.5840E+01	-0.2889E-06		
		0.7860E+01	0.2001E-09		
		0.8145E+01	0.2034E-09		
		0.8429E+01	0.2052E-09		
		0.8714E+01	0.2058E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1009E+03	0.0000E+00
		0.1500E-02	-0.5422E-02		
		0.3063E+00	-0.4293E-02		
		0.6111E+00	-0.3348E-02		
		0.9159E+00	-0.2584E-02		
		0.1211E+01	-0.1897E-02		
		0.1505E+01	-0.1353E-02		
		0.1800E+01	-0.9357E-03		
		0.3820E+01	-0.2998E-04		
		0.5840E+01	-0.1659E-06		
		0.7860E+01	0.6539E-10		
		0.8145E+01	0.6706E-10		
		0.8429E+01	0.6796E-10		
		0.8714E+01	0.6824E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1009E+03	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1936E-02		

		0.6111E+00	-0.1515E-02		
		0.9159E+00	-0.1172E-02		
		0.1211E+01	-0.8622E-03		
		0.1505E+01	-0.6161E-03		
		0.1800E+01	-0.4269E-03		
		0.3820E+01	-0.1376E-04		
		0.5840E+01	-0.7633E-07		
		0.7860E+01	0.2029E-10		
		0.8145E+01	0.2102E-10		
		0.8429E+01	0.2142E-10		
		0.8714E+01	0.2154E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1009E+03	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1779E-03		
		0.6111E+00	-0.1467E-03		
		0.9159E+00	-0.1180E-03		
		0.1211E+01	-0.8979E-04		
		0.1505E+01	-0.6593E-04		
		0.1800E+01	-0.4672E-04		
		0.3820E+01	-0.1634E-05		
		0.5840E+01	-0.9327E-08		
		0.7860E+01	0.6563E-11		
		0.8145E+01	0.6698E-11		
		0.8429E+01	0.6791E-11		
		0.8714E+01	0.6824E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1053E+03	0.0000E+00
		0.1500E-02	-0.9572E-02		
		0.3063E+00	-0.7616E-02		
		0.6111E+00	-0.5983E-02		
		0.9159E+00	-0.4659E-02		
		0.1211E+01	-0.3463E-02		
		0.1505E+01	-0.2508E-02		
		0.1800E+01	-0.1766E-02		
		0.3820E+01	-0.6935E-04		
		0.5840E+01	-0.5415E-06		
		0.7860E+01	0.9087E-09		
		0.8145E+01	0.9199E-09		
		0.8429E+01	0.9260E-09		
		0.8714E+01	0.9280E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1053E+03	0.0000E+00
		0.1500E-02	-0.5441E-02		
		0.3063E+00	-0.4336E-02		
		0.6111E+00	-0.3412E-02		
		0.9159E+00	-0.2660E-02		
		0.1211E+01	-0.1979E-02		
		0.1505E+01	-0.1434E-02		
		0.1800E+01	-0.1011E-02		
		0.3820E+01	-0.3981E-04		
		0.5840E+01	-0.3113E-06		
		0.7860E+01	0.3310E-09		
		0.8145E+01	0.3365E-09		
		0.8429E+01	0.3395E-09		
		0.8714E+01	0.3405E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1053E+03	0.0000E+00
		0.1500E-02	-0.2445E-02		
		0.3063E+00	-0.1956E-02		
		0.6111E+00	-0.1544E-02		
		0.9159E+00	-0.1207E-02		
		0.1211E+01	-0.9002E-03		
		0.1505E+01	-0.6538E-03		
		0.1800E+01	-0.4617E-03		
		0.3820E+01	-0.1830E-04		
		0.5840E+01	-0.1434E-06		
		0.7860E+01	0.1155E-09		
		0.8145E+01	0.1179E-09		
		0.8429E+01	0.1193E-09		
		0.8714E+01	0.1197E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1053E+03	0.0000E+00
		0.1500E-02	-0.2104E-03		
		0.3063E+00	-0.1804E-03		
		0.6111E+00	-0.1504E-03		
		0.9159E+00	-0.1225E-03		
		0.1211E+01	-0.9464E-04		
		0.1505E+01	-0.7074E-04		
		0.1800E+01	-0.5116E-04		
		0.3820E+01	-0.2214E-05		
		0.5840E+01	-0.1791E-07		
		0.7860E+01	0.3939E-10		
		0.8145E+01	0.3990E-10		
		0.8429E+01	0.4024E-10		
		0.8714E+01	0.4037E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1096E+03	0.0000E+00
		0.1500E-02	-0.9600E-02		
		0.3063E+00	-0.7682E-02		
		0.6111E+00	-0.6080E-02		
		0.9159E+00	-0.4777E-02		
		0.1211E+01	-0.3591E-02		
		0.1505E+01	-0.2637E-02		
		0.1800E+01	-0.1888E-02		
		0.3820E+01	-0.8858E-04		
		0.5840E+01	-0.9330E-06		
		0.7860E+01	0.3374E-08		
		0.8145E+01	0.3406E-08		
		0.8429E+01	0.3424E-08		
		0.8714E+01	0.3430E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1096E+03	0.0000E+00
		0.1500E-02	-0.5457E-02		
		0.3063E+00	-0.4374E-02		
		0.6111E+00	-0.3467E-02		
		0.9159E+00	-0.2727E-02		
		0.1211E+01	-0.2053E-02		
		0.1505E+01	-0.1509E-02		
		0.1800E+01	-0.1081E-02		
		0.3820E+01	-0.5089E-04		
		0.5840E+01	-0.5367E-06		

		0.7860E+01	0.1338E-08		
		0.8145E+01	0.1354E-08		
		0.8429E+01	0.1363E-08		
		0.8714E+01	0.1366E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1096E+03	0.0000E+00
		0.1500E-02	-0.2453E-02		
		0.3063E+00	-0.1974E-02		
		0.6111E+00	-0.1570E-02		
		0.9159E+00	-0.1238E-02		
		0.1211E+01	-0.9344E-03		
		0.1505E+01	-0.6882E-03		
		0.1800E+01	-0.4940E-03		
		0.3820E+01	-0.2343E-04		
		0.5840E+01	-0.2478E-06		
		0.7860E+01	0.5131E-09		
		0.8145E+01	0.5200E-09		
		0.8429E+01	0.5240E-09		
		0.8714E+01	0.5253E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1096E+03	0.0000E+00
		0.1500E-02	-0.2114E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1538E-03		
		0.9159E+00	-0.1266E-03		
		0.1211E+01	-0.9911E-04		
		0.1505E+01	-0.7525E-04		
		0.1800E+01	-0.5539E-04		
		0.3820E+01	-0.2885E-05		
		0.5840E+01	-0.3157E-07		
		0.7860E+01	0.1917E-09		
		0.8145E+01	0.1934E-09		
		0.8429E+01	0.1946E-09		
		0.8714E+01	0.1950E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1138E+03	0.0000E+00
		0.1500E-02	-0.9625E-02		
		0.3063E+00	-0.7740E-02		
		0.6111E+00	-0.6166E-02		
		0.9159E+00	-0.4881E-02		
		0.1211E+01	-0.3707E-02		
		0.1505E+01	-0.2755E-02		
		0.1800E+01	-0.2000E-02		
		0.3820E+01	-0.1097E-03		
		0.5840E+01	-0.1501E-05		
		0.7860E+01	0.1066E-07		
		0.8145E+01	0.1075E-07		
		0.8429E+01	0.1080E-07		
		0.8714E+01	0.1081E-07		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1138E+03	0.0000E+00
		0.1500E-02	-0.5472E-02		
		0.3063E+00	-0.4408E-02		
		0.6111E+00	-0.3517E-02		
		0.9159E+00	-0.2787E-02		
		0.1211E+01	-0.2119E-02		

		0.1505E+01	-0.1577E-02		
		0.1800E+01	-0.1146E-02		
		0.3820E+01	-0.6305E-04		
		0.5840E+01	-0.8639E-06		
		0.7860E+01	0.4537E-08		
		0.8145E+01	0.4578E-08		
		0.8429E+01	0.4602E-08		
		0.8714E+01	0.4610E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1138E+03	0.0000E+00
		0.1500E-02	-0.2459E-02		
		0.3063E+00	-0.1990E-02		
		0.6111E+00	-0.1593E-02		
		0.9159E+00	-0.1266E-02		
		0.1211E+01	-0.9653E-03		
		0.1505E+01	-0.7197E-03		
		0.1800E+01	-0.5241E-03		
		0.3820E+01	-0.2906E-04		
		0.5840E+01	-0.3995E-06		
		0.7860E+01	0.1875E-08		
		0.8145E+01	0.1893E-08		
		0.8429E+01	0.1904E-08		
		0.8714E+01	0.1908E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1138E+03	0.0000E+00
		0.1500E-02	-0.2123E-03		
		0.3063E+00	-0.1848E-03		
		0.6111E+00	-0.1569E-03		
		0.9159E+00	-0.1304E-03		
		0.1211E+01	-0.1033E-03		
		0.1505E+01	-0.7947E-04		
		0.1800E+01	-0.5942E-04		
		0.3820E+01	-0.3640E-05		
		0.5840E+01	-0.5190E-07		
		0.7860E+01	0.7562E-09		
		0.8145E+01	0.7616E-09		
		0.8429E+01	0.7651E-09		
		0.8714E+01	0.7663E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1178E+03	0.0000E+00
		0.1500E-02	-0.9647E-02		
		0.3063E+00	-0.7791E-02		
		0.6111E+00	-0.6241E-02		
		0.9159E+00	-0.4974E-02		
		0.1211E+01	-0.3811E-02		
		0.1505E+01	-0.2862E-02		
		0.1800E+01	-0.2104E-02		
		0.3820E+01	-0.1323E-03		
		0.5840E+01	-0.2280E-05		
		0.7860E+01	0.2955E-07		
		0.8145E+01	0.2974E-07		
		0.8429E+01	0.2986E-07		
		0.8714E+01	0.2990E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1178E+03	0.0000E+00
		0.1500E-02	-0.5485E-02		

		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3560E-02		
		0.9159E+00	-0.2841E-02		
		0.1211E+01	-0.2180E-02		
		0.1505E+01	-0.1639E-02		
		0.1800E+01	-0.1206E-02		
		0.3820E+01	-0.7612E-04		
		0.5840E+01	-0.1314E-05		
		0.7860E+01	0.1335E-07		
		0.8145E+01	0.1345E-07		
		0.8429E+01	0.1351E-07		
		0.8714E+01	0.1353E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1178E+03	0.0000E+00
		0.1500E-02	-0.2465E-02		
		0.3063E+00	-0.2003E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1291E-02		
		0.1211E+01	-0.9933E-03		
		0.1505E+01	-0.7486E-03		
		0.1800E+01	-0.5520E-03		
		0.3820E+01	-0.3514E-04		
		0.5840E+01	-0.6086E-06		
		0.7860E+01	0.5875E-08		
		0.8145E+01	0.5921E-08		
		0.8429E+01	0.5948E-08		
		0.8714E+01	0.5957E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1178E+03	0.0000E+00
		0.1500E-02	-0.2131E-03		
		0.3063E+00	-0.1867E-03		
		0.6111E+00	-0.1597E-03		
		0.9159E+00	-0.1338E-03		
		0.1211E+01	-0.1071E-03		
		0.1505E+01	-0.8342E-04		
		0.1800E+01	-0.6325E-04		
		0.3820E+01	-0.4473E-05		
		0.5840E+01	-0.8058E-07		
		0.7860E+01	0.2526E-08		
		0.8145E+01	0.2541E-08		
		0.8429E+01	0.2551E-08		
		0.8714E+01	0.2554E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1217E+03	0.0000E+00
		0.1500E-02	-0.9667E-02		
		0.3063E+00	-0.7837E-02		
		0.6111E+00	-0.6309E-02		
		0.9159E+00	-0.5058E-02		
		0.1211E+01	-0.3906E-02		
		0.1505E+01	-0.2961E-02		
		0.1800E+01	-0.2201E-02		
		0.3820E+01	-0.1563E-03		
		0.5840E+01	-0.3305E-05		
		0.7860E+01	0.7335E-07		
		0.8145E+01	0.7378E-07		
		0.8429E+01	0.7403E-07		

		0.8714E+01	0.7412E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1217E+03	0.0000E+00
		0.1500E-02	-0.5496E-02		
		0.3063E+00	-0.4464E-02		
		0.6111E+00	-0.3600E-02		
		0.9159E+00	-0.2890E-02		
		0.1211E+01	-0.2234E-02		
		0.1505E+01	-0.1696E-02		
		0.1800E+01	-0.1262E-02		
		0.3820E+01	-0.8995E-04		
		0.5840E+01	-0.1906E-05		
		0.7860E+01	0.3494E-07		
		0.8145E+01	0.3516E-07		
		0.8429E+01	0.3529E-07		
		0.8714E+01	0.3534E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1217E+03	0.0000E+00
		0.1500E-02	-0.2471E-02		
		0.3063E+00	-0.2016E-02		
		0.6111E+00	-0.1632E-02		
		0.9159E+00	-0.1314E-02		
		0.1211E+01	-0.1019E-02		
		0.1505E+01	-0.7751E-03		
		0.1800E+01	-0.5779E-03		
		0.3820E+01	-0.4158E-04		
		0.5840E+01	-0.8841E-06		
		0.7860E+01	0.1624E-07		
		0.8145E+01	0.1635E-07		
		0.8429E+01	0.1641E-07		
		0.8714E+01	0.1643E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1217E+03	0.0000E+00
		0.1500E-02	-0.2138E-03		
		0.3063E+00	-0.1884E-03		
		0.6111E+00	-0.1622E-03		
		0.9159E+00	-0.1369E-03		
		0.1211E+01	-0.1106E-03		
		0.1505E+01	-0.8714E-04		
		0.1800E+01	-0.6688E-04		
		0.3820E+01	-0.5375E-05		
		0.5840E+01	-0.1192E-06		
		0.7860E+01	0.7379E-08		
		0.8145E+01	0.7418E-08		
		0.8429E+01	0.7443E-08		
		0.8714E+01	0.7452E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1255E+03	0.0000E+00
		0.1500E-02	-0.9684E-02		
		0.3063E+00	-0.7878E-02		
		0.6111E+00	-0.6370E-02		
		0.9159E+00	-0.5133E-02		
		0.1211E+01	-0.3991E-02		
		0.1505E+01	-0.3051E-02		
		0.1800E+01	-0.2290E-02		
		0.3820E+01	-0.1812E-03		

		0.5840E+01	-0.4602E-05		
		0.7860E+01	0.1660E-06		
		0.8145E+01	0.1669E-06		
		0.8429E+01	0.1674E-06		
		0.8714E+01	0.1676E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1255E+03	0.0000E+00
		0.1500E-02	-0.5506E-02		
		0.3063E+00	-0.4487E-02		
		0.6111E+00	-0.3635E-02		
		0.9159E+00	-0.2933E-02		
		0.1211E+01	-0.2284E-02		
		0.1505E+01	-0.1748E-02		
		0.1800E+01	-0.1313E-02		
		0.3820E+01	-0.1044E-03		
		0.5840E+01	-0.2656E-05		
		0.7860E+01	0.8286E-07		
		0.8145E+01	0.8333E-07		
		0.8429E+01	0.8360E-07		
		0.8714E+01	0.8369E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1255E+03	0.0000E+00
		0.1500E-02	-0.2475E-02		
		0.3063E+00	-0.2027E-02		
		0.6111E+00	-0.1648E-02		
		0.9159E+00	-0.1334E-02		
		0.1211E+01	-0.1042E-02		
		0.1505E+01	-0.7994E-03		
		0.1800E+01	-0.6020E-03		
		0.3820E+01	-0.4830E-04		
		0.5840E+01	-0.1234E-05		
		0.7860E+01	0.4042E-07		
		0.8145E+01	0.4065E-07		
		0.8429E+01	0.4078E-07		
		0.8714E+01	0.4083E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1255E+03	0.0000E+00
		0.1500E-02	-0.2145E-03		
		0.3063E+00	-0.1900E-03		
		0.6111E+00	-0.1645E-03		
		0.9159E+00	-0.1398E-03		
		0.1211E+01	-0.1139E-03		
		0.1505E+01	-0.9062E-04		
		0.1800E+01	-0.7033E-04		
		0.3820E+01	-0.6338E-05		
		0.5840E+01	-0.1693E-06		
		0.7860E+01	0.1929E-07		
		0.8145E+01	0.1938E-07		
		0.8429E+01	0.1944E-07		
		0.8714E+01	0.1946E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
.1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1292E+03	0.0000E+00
		0.1500E-02	-0.9700E-02		
		0.3063E+00	-0.7914E-02		
		0.6111E+00	-0.6424E-02		
		0.9159E+00	-0.5201E-02		

		0.1211E+01	-0.4069E-02		
		0.1505E+01	-0.3134E-02		
		0.1800E+01	-0.2373E-02		
		0.3820E+01	-0.2069E-03		
		0.5840E+01	-0.6194E-05		
		0.7860E+01	0.3471E-06		
		0.8145E+01	0.3488E-06		
		0.8429E+01	0.3498E-06		
		0.8714E+01	0.3501E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1292E+03	0.0000E+00
		0.1500E-02	-0.5515E-02		
		0.3063E+00	-0.4509E-02		
		0.6111E+00	-0.3666E-02		
		0.9159E+00	-0.2972E-02		
		0.1211E+01	-0.2329E-02		
		0.1505E+01	-0.1796E-02		
		0.1800E+01	-0.1361E-02		
		0.3820E+01	-0.1192E-03		
		0.5840E+01	-0.3577E-05		
		0.7860E+01	0.1807E-06		
		0.8145E+01	0.1816E-06		
		0.8429E+01	0.1821E-06		
		0.8714E+01	0.1823E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1292E+03	0.0000E+00
		0.1500E-02	-0.2479E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1663E-02		
		0.9159E+00	-0.1353E-02		
		0.1211E+01	-0.1063E-02		
		0.1505E+01	-0.8218E-03		
		0.1800E+01	-0.6244E-03		
		0.3820E+01	-0.5525E-04		
		0.5840E+01	-0.1665E-05		
		0.7860E+01	0.9203E-07		
		0.8145E+01	0.9249E-07		
		0.8429E+01	0.9277E-07		
		0.8714E+01	0.9287E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1292E+03	0.0000E+00
		0.1500E-02	-0.2151E-03		
		0.3063E+00	-0.1914E-03		
		0.6111E+00	-0.1667E-03		
		0.9159E+00	-0.1425E-03		
		0.1211E+01	-0.1170E-03		
		0.1505E+01	-0.9389E-04		
		0.1800E+01	-0.7360E-04		
		0.3820E+01	-0.7353E-05		
		0.5840E+01	-0.2323E-06		
		0.7860E+01	0.4589E-07		
		0.8145E+01	0.4610E-07		
		0.8429E+01	0.4623E-07		
		0.8714E+01	0.4627E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1328E+03	0.0000E+00

		0.1500E-02	-0.9714E-02		
		0.3063E+00	-0.7947E-02		
		0.6111E+00	-0.6473E-02		
		0.9159E+00	-0.5263E-02		
		0.1211E+01	-0.4140E-02		
		0.1505E+01	-0.3210E-02		
		0.1800E+01	-0.2449E-02		
		0.3820E+01	-0.2331E-03		
		0.5840E+01	-0.8095E-05		
		0.7860E+01	0.6783E-06		
		0.8145E+01	0.6813E-06		
		0.8429E+01	0.6831E-06		
		0.8714E+01	0.6838E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1328E+03	0.0000E+00
		0.1500E-02	-0.5523E-02		
		0.3063E+00	-0.4527E-02		
		0.6111E+00	-0.3694E-02		
		0.9159E+00	-0.3008E-02		
		0.1211E+01	-0.2370E-02		
		0.1505E+01	-0.1840E-02		
		0.1800E+01	-0.1405E-02		
		0.3820E+01	-0.1344E-03		
		0.5840E+01	-0.4678E-05		
		0.7860E+01	0.3666E-06		
		0.8145E+01	0.3683E-06		
		0.8429E+01	0.3693E-06		
		0.8714E+01	0.3697E-06		
0.1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1328E+03	0.0000E+00
		0.1500E-02	-0.2483E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1676E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1082E-02		
		0.1505E+01	-0.8424E-03		
		0.1800E+01	-0.6452E-03		
		0.3820E+01	-0.6236E-04		
		0.5840E+01	-0.2181E-05		
		0.7860E+01	0.1941E-06		
		0.8145E+01	0.1950E-06		
		0.8429E+01	0.1956E-06		
		0.8714E+01	0.1957E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1328E+03	0.0000E+00
		0.1500E-02	-0.2157E-03		
		0.3063E+00	-0.1928E-03		
		0.6111E+00	-0.1687E-03		
		0.9159E+00	-0.1450E-03		
		0.1211E+01	-0.1199E-03		
		0.1505E+01	-0.9696E-04		
		0.1800E+01	-0.7670E-04		
		0.3820E+01	-0.8413E-05		
		0.5840E+01	-0.3092E-06		
		0.7860E+01	0.1007E-06		
		0.8145E+01	0.1012E-06		
		0.8429E+01	0.1014E-06		
		0.8714E+01	0.1015E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1363E+03	0.0000E+00
		0.1500E-02	-0.9727E-02		
		0.3063E+00	-0.7976E-02		
		0.6111E+00	-0.6517E-02		
		0.9159E+00	-0.5318E-02		
		0.1211E+01	-0.4205E-02		
		0.1505E+01	-0.3280E-02		
		0.1800E+01	-0.2520E-02		
		0.3820E+01	-0.2596E-03		
		0.5840E+01	-0.1032E-04		
		0.7860E+01	0.1250E-05		
		0.8145E+01	0.1255E-05		
		0.8429E+01	0.1258E-05		
		0.8714E+01	0.1259E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1363E+03	0.0000E+00
		0.1500E-02	-0.5530E-02		
		0.3063E+00	-0.4545E-02		
		0.6111E+00	-0.3720E-02		
		0.9159E+00	-0.3040E-02		
		0.1211E+01	-0.2407E-02		
		0.1505E+01	-0.1880E-02		
		0.1800E+01	-0.1447E-02		
		0.3820E+01	-0.1498E-03		
		0.5840E+01	-0.5966E-05		
		0.7860E+01	0.6990E-06		
		0.8145E+01	0.7019E-06		
		0.8429E+01	0.7037E-06		
		0.8714E+01	0.7043E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1363E+03	0.0000E+00
		0.1500E-02	-0.2487E-02		
		0.3063E+00	-0.2053E-02		
		0.6111E+00	-0.1688E-02		
		0.9159E+00	-0.1384E-02		
		0.1211E+01	-0.1100E-02		
		0.1505E+01	-0.8614E-03		
		0.1800E+01	-0.6645E-03		
		0.3820E+01	-0.6957E-04		
		0.5840E+01	-0.2785E-05		
		0.7860E+01	0.3833E-06		
		0.8145E+01	0.3849E-06		
		0.8429E+01	0.3859E-06		
		0.8714E+01	0.3863E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1363E+03	0.0000E+00
		0.1500E-02	-0.2162E-03		
		0.3063E+00	-0.1940E-03		
		0.6111E+00	-0.1705E-03		
		0.9159E+00	-0.1473E-03		
		0.1211E+01	-0.1226E-03		
		0.1505E+01	-0.9985E-04		
		0.1800E+01	-0.7964E-04		
		0.3820E+01	-0.9510E-05		
		0.5840E+01	-0.4011E-06		
		0.7860E+01	0.2062E-06		
		0.8145E+01	0.2070E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.2075E-06		
		0.8714E+01	0.2077E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1398E+03	0.0000E+00
		0.1500E-02	-0.9738E-02		
		0.3063E+00	-0.8003E-02		
		0.6111E+00	-0.6557E-02		
		0.9159E+00	-0.5369E-02		
		0.1211E+01	-0.4264E-02		
		0.1505E+01	-0.3344E-02		
		0.1800E+01	-0.2586E-02		
		0.3820E+01	-0.2862E-03		
		0.5840E+01	-0.1286E-04		
		0.7860E+01	0.2188E-05		
		0.8145E+01	0.2197E-05		
		0.8429E+01	0.2202E-05		
		0.8714E+01	0.2204E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1398E+03	0.0000E+00
		0.1500E-02	-0.5537E-02		
		0.3063E+00	-0.4560E-02		
		0.6111E+00	-0.3743E-02		
		0.9159E+00	-0.3070E-02		
		0.1211E+01	-0.2442E-02		
		0.1505E+01	-0.1918E-02		
		0.1800E+01	-0.1485E-02		
		0.3820E+01	-0.1652E-03		
		0.5840E+01	-0.7442E-05		
		0.7860E+01	0.1262E-05		
		0.8145E+01	0.1267E-05		
		0.8429E+01	0.1270E-05		
		0.8714E+01	0.1271E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1398E+03	0.0000E+00
		0.1500E-02	-0.2490E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1699E-02		
		0.9159E+00	-0.1398E-02		
		0.1211E+01	-0.1116E-02		
		0.1505E+01	-0.8790E-03		
		0.1800E+01	-0.6825E-03		
		0.3820E+01	-0.7683E-04		
		0.5840E+01	-0.3479E-05		
		0.7860E+01	0.7146E-06		
		0.8145E+01	0.7174E-06		
		0.8429E+01	0.7191E-06		
		0.8714E+01	0.7197E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1398E+03	0.0000E+00
		0.1500E-02	-0.2167E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1722E-03		
		0.9159E+00	-0.1495E-03		
		0.1211E+01	-0.1251E-03		
		0.1505E+01	-0.1026E-03		
		0.1800E+01	-0.8243E-04		

		0.3820E+01	-0.1064E-04		
		0.5840E+01	-0.5084E-06		
		0.7860E+01	0.3972E-06		
		0.8145E+01	0.3987E-06		
		0.8429E+01	0.3996E-06		
		0.8714E+01	0.4000E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1431E+03	0.0000E+00
		0.1500E-02	-0.9748E-02		
		0.3063E+00	-0.8027E-02		
		0.6111E+00	-0.6594E-02		
		0.9159E+00	-0.5416E-02		
		0.1211E+01	-0.4319E-02		
		0.1505E+01	-0.3403E-02		
		0.1800E+01	-0.2648E-02		
		0.3820E+01	-0.3127E-03		
		0.5840E+01	-0.1572E-04		
		0.7860E+01	0.3663E-05		
		0.8145E+01	0.3676E-05		
		0.8429E+01	0.3685E-05		
		0.8714E+01	0.3687E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1431E+03	0.0000E+00
		0.1500E-02	-0.5543E-02		
		0.3063E+00	-0.4574E-02		
		0.6111E+00	-0.3765E-02		
		0.9159E+00	-0.3097E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1952E-02		
		0.1800E+01	-0.1520E-02		
		0.3820E+01	-0.1806E-03		
		0.5840E+01	-0.9103E-05		
		0.7860E+01	0.2173E-05		
		0.8145E+01	0.2181E-05		
		0.8429E+01	0.2186E-05		
		0.8714E+01	0.2188E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1431E+03	0.0000E+00
		0.1500E-02	-0.2493E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1709E-02		
		0.9159E+00	-0.1411E-02		
		0.1211E+01	-0.1131E-02		
		0.1505E+01	-0.8953E-03		
		0.1800E+01	-0.6993E-03		
		0.3820E+01	-0.8411E-04		
		0.5840E+01	-0.4262E-05		
		0.7860E+01	0.1266E-05		
		0.8145E+01	0.1271E-05		
		0.8429E+01	0.1274E-05		
		0.8714E+01	0.1275E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1431E+03	0.0000E+00
		0.1500E-02	-0.2171E-03		
		0.3063E+00	-0.1962E-03		
		0.6111E+00	-0.1738E-03		

		0.9159E+00	-0.1515E-03		
		0.1211E+01	-0.1274E-03		
		0.1505E+01	-0.1051E-03		
		0.1800E+01	-0.8507E-04		
		0.3820E+01	-0.1179E-04		
		0.5840E+01	-0.6314E-06		
		0.7860E+01	0.7255E-06		
		0.8145E+01	0.7281E-06		
		0.8429E+01	0.7297E-06		
		0.8714E+01	0.7303E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1464E+03	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.8049E-02		
		0.6111E+00	-0.6627E-02		
		0.9159E+00	-0.5458E-02		
		0.1211E+01	-0.4369E-02		
		0.1505E+01	-0.3458E-02		
		0.1800E+01	-0.2704E-02		
		0.3820E+01	-0.3392E-03		
		0.5840E+01	-0.1888E-04		
		0.7860E+01	0.5893E-05		
		0.8145E+01	0.5914E-05		
		0.8429E+01	0.5926E-05		
		0.8714E+01	0.5931E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1464E+03	0.0000E+00
		0.1500E-02	-0.5548E-02		
		0.3063E+00	-0.4587E-02		
		0.6111E+00	-0.3784E-02		
		0.9159E+00	-0.3122E-02		
		0.1211E+01	-0.2503E-02		
		0.1505E+01	-0.1984E-02		
		0.1800E+01	-0.1554E-02		
		0.3820E+01	-0.1960E-03		
		0.5840E+01	-0.1095E-04		
		0.7860E+01	0.3587E-05		
		0.8145E+01	0.3599E-05		
		0.8429E+01	0.3607E-05		
		0.8714E+01	0.3610E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1464E+03	0.0000E+00
		0.1500E-02	-0.2495E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1718E-02		
		0.9159E+00	-0.1423E-02		
		0.1211E+01	-0.1145E-02		
		0.1505E+01	-0.9103E-03		
		0.1800E+01	-0.7149E-03		
		0.3820E+01	-0.9137E-04		
		0.5840E+01	-0.5132E-05		
		0.7860E+01	0.2147E-05		
		0.8145E+01	0.2155E-05		
		0.8429E+01	0.2159E-05		
		0.8714E+01	0.2161E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1464E+03	0.0000E+00
		0.1500E-02	-0.2176E-03		
		0.3063E+00	-0.1971E-03		
		0.6111E+00	-0.1752E-03		
		0.9159E+00	-0.1533E-03		
		0.1211E+01	-0.1297E-03		
		0.1505E+01	-0.1076E-03		
		0.1800E+01	-0.8758E-04		
		0.3820E+01	-0.1295E-04		
		0.5840E+01	-0.7700E-06		
		0.7860E+01	0.1264E-05		
		0.8145E+01	0.1268E-05		
		0.8429E+01	0.1271E-05		
		0.8714E+01	0.1272E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1497E+03	0.0000E+00
		0.1500E-02	-0.9766E-02		
		0.3063E+00	-0.8069E-02		
		0.6111E+00	-0.6657E-02		
		0.9159E+00	-0.5497E-02		
		0.1211E+01	-0.4415E-02		
		0.1505E+01	-0.3509E-02		
		0.1800E+01	-0.2757E-02		
		0.3820E+01	-0.3653E-03		
		0.5840E+01	-0.2234E-04		
		0.7860E+01	0.9154E-05		
		0.8145E+01	0.9184E-05		
		0.8429E+01	0.9202E-05		
		0.8714E+01	0.9209E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1497E+03	0.0000E+00
		0.1500E-02	-0.5553E-02		
		0.3063E+00	-0.4599E-02		
		0.6111E+00	-0.3802E-02		
		0.9159E+00	-0.3144E-02		
		0.1211E+01	-0.2529E-02		
		0.1505E+01	-0.2013E-02		
		0.1800E+01	-0.1584E-02		
		0.3820E+01	-0.2112E-03		
		0.5840E+01	-0.1296E-04		
		0.7860E+01	0.5704E-05		
		0.8145E+01	0.5723E-05		
		0.8429E+01	0.5735E-05		
		0.8714E+01	0.5739E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1497E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1726E-02		
		0.9159E+00	-0.1433E-02		
		0.1211E+01	-0.1157E-02		
		0.1505E+01	-0.9242E-03		
		0.1800E+01	-0.7294E-03		
		0.3820E+01	-0.9856E-04		
		0.5840E+01	-0.6085E-05		
		0.7860E+01	0.3499E-05		

		0.8145E+01	0.3511E-05		
		0.8429E+01	0.3518E-05		
		0.8714E+01	0.3521E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1497E+03	0.0000E+00
		0.1500E-02	-0.2179E-03		
		0.3063E+00	-0.1980E-03		
		0.6111E+00	-0.1766E-03		
		0.9159E+00	-0.1551E-03		
		0.1211E+01	-0.1317E-03		
		0.1505E+01	-0.1098E-03		
		0.1800E+01	-0.8996E-04		
		0.3820E+01	-0.1413E-04		
		0.5840E+01	-0.9233E-06		
		0.7860E+01	0.2113E-05		
		0.8145E+01	0.2120E-05		
		0.8429E+01	0.2124E-05		
		0.8714E+01	0.2126E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1522E+03	0.0000E+00
		0.1500E-02	-0.9772E-02		
		0.3063E+00	-0.8084E-02		
		0.6111E+00	-0.6680E-02		
		0.9159E+00	-0.5525E-02		
		0.1211E+01	-0.4449E-02		
		0.1505E+01	-0.3546E-02		
		0.1800E+01	-0.2797E-02		
		0.3820E+01	-0.3859E-03		
		0.5840E+01	-0.2531E-04		
		0.7860E+01	0.1273E-04		
		0.8145E+01	0.1277E-04		
		0.8429E+01	0.1279E-04		
		0.8714E+01	0.1280E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1522E+03	0.0000E+00
		0.1500E-02	-0.5557E-02		
		0.3063E+00	-0.4607E-02		
		0.6111E+00	-0.3815E-02		
		0.9159E+00	-0.3161E-02		
		0.1211E+01	-0.2549E-02		
		0.1505E+01	-0.2035E-02		
		0.1800E+01	-0.1607E-02		
		0.3820E+01	-0.2232E-03		
		0.5840E+01	-0.1469E-04		
		0.7860E+01	0.8071E-05		
		0.8145E+01	0.8097E-05		
		0.8429E+01	0.8113E-05		
		0.8714E+01	0.8119E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1522E+03	0.0000E+00
		0.1500E-02	-0.2499E-02		
		0.3063E+00	-0.2083E-02		
		0.6111E+00	-0.1733E-02		
		0.9159E+00	-0.1441E-02		
		0.1211E+01	-0.1167E-02		
		0.1505E+01	-0.9347E-03		

		0.1800E+01	-0.7404E-03		
		0.3820E+01	-0.1043E-03		
		0.5840E+01	-0.6903E-05		
		0.7860E+01	0.5042E-05		
		0.8145E+01	0.5058E-05		
		0.8429E+01	0.5068E-05		
		0.8714E+01	0.5072E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1522E+03	0.0000E+00
		0.1500E-02	-0.2182E-03		
		0.3063E+00	-0.1987E-03		
		0.6111E+00	-0.1776E-03		
		0.9159E+00	-0.1564E-03		
		0.1211E+01	-0.1333E-03		
		0.1505E+01	-0.1116E-03		
		0.1800E+01	-0.9178E-04		
		0.3820E+01	-0.1507E-04		
		0.5840E+01	-0.1056E-05		
		0.7860E+01	0.3102E-05		
		0.8145E+01	0.3112E-05		
		0.8429E+01	0.3118E-05		
		0.8714E+01	0.3120E-05		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*             ANALYSIS      COMPLETED            *
*                                                *
*           TIME     -       10:10:10            *
*           EXECUTION TIME    0: 1: 2            *
*                                                *
*                                                *
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CLR6

3-Foot Recompacted Cohesive Soil Liner
Porosity = 0.20
(Site Minimum)

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*                                                        *
*                    M I G R A T E v 9                   *
*                                                        *
*                      VERSION 9.0.7                     *
*                                                        *
*                   REVISION - 4/16/1996                 *
*                                                        *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996      *
*                                                        *
*                                                        *
*                                                        *
*                                                        *
*                 RUN DATE -   15-11- 8                  *
*                 TIME     -   10:11:55                  *
*                                                        *
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Clinton LF No. 3 (CWU) CLR6 (Clay Liner 0.20)

SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.200	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.200	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.200	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1569E+02	0.0000E+00
		0.1500E-02	-0.7984E-02		
		0.3063E+00	-0.3062E-02		
		0.6111E+00	-0.7522E-03		
		0.9159E+00	-0.1031E-03		
		0.1211E+01	-0.1008E-04		
		0.1505E+01	-0.5966E-06		
		0.1800E+01	-0.2113E-07		
		0.3820E+01	-0.6850E-18		
		0.5840E+01	-0.2299E-23		
		0.7860E+01	0.5698E-34		
		0.8145E+01	-0.3093E-34		
		0.8429E+01	-0.6018E-34		
		0.8714E+01	-0.6663E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1569E+02	0.0000E+00
		0.1500E-02	-0.4534E-02		
		0.3063E+00	-0.1740E-02		
		0.6111E+00	-0.4274E-03		
		0.9159E+00	-0.5861E-04		
		0.1211E+01	-0.5730E-05		

		0.1505E+01	-0.3391E-06		
		0.1800E+01	-0.1201E-07		
		0.3820E+01	-0.3795E-18		
		0.5840E+01	-0.1310E-23		
		0.7860E+01	-0.1480E-34		
		0.8145E+01	-0.6157E-34		
		0.8429E+01	-0.7638E-34		
		0.8714E+01	-0.7945E-34		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1569E+02	0.0000E+00
		0.1500E-02	-0.2033E-02		
		0.3063E+00	-0.7806E-03		
		0.6111E+00	-0.1919E-03		
		0.9159E+00	-0.2632E-04		
		0.1211E+01	-0.2573E-05		
		0.1505E+01	-0.1523E-06		
		0.1800E+01	-0.5393E-08		
		0.3820E+01	-0.1600E-18		
		0.5840E+01	-0.5913E-24		
		0.7860E+01	-0.2552E-34		
		0.8145E+01	-0.4513E-34		
		0.8429E+01	-0.5106E-34		
		0.8714E+01	-0.5222E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1569E+02	0.0000E+00
		0.1500E-02	-0.1677E-03		
		0.3063E+00	-0.6538E-04		
		0.6111E+00	-0.1620E-04		
		0.9159E+00	-0.2231E-05		
		0.1211E+01	-0.2187E-06		
		0.1505E+01	-0.1296E-07		
		0.1800E+01	-0.4596E-09		
		0.3820E+01	0.2764E-20		
		0.5840E+01	-0.5531E-25		
		0.7860E+01	-0.3159E-34		
		0.8145E+01	-0.3093E-34		
		0.8429E+01	-0.3022E-34		
		0.8714E+01	-0.2994E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2485E+02	0.0000E+00
		0.1500E-02	-0.8757E-02		
		0.3063E+00	-0.4724E-02		
		0.6111E+00	-0.2047E-02		
		0.9159E+00	-0.6492E-03		
		0.1211E+01	-0.1834E-03		
		0.1505E+01	-0.4070E-04		
		0.1800E+01	-0.7049E-05		
		0.3820E+01	-0.3761E-13		
		0.5840E+01	0.1350E-17		
		0.7860E+01	-0.6717E-25		
		0.8145E+01	0.2097E-24		
		0.8429E+01	0.3494E-24		
		0.8714E+01	0.3918E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2485E+02	0.0000E+00
		0.1500E-02	-0.4973E-02		

		0.3063E+00	-0.2684E-02		
		0.6111E+00	-0.1164E-02		
		0.9159E+00	-0.3691E-03		
		0.1211E+01	-0.1043E-03		
		0.1505E+01	-0.2315E-04		
		0.1800E+01	-0.4009E-05		
		0.3820E+01	-0.2140E-13		
		0.5840E+01	0.7670E-18		
		0.7860E+01	-0.3610E-24		
		0.8145E+01	-0.2016E-24		
		0.8429E+01	-0.1198E-24		
		0.8714E+01	-0.9473E-25		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2485E+02	0.0000E+00
		0.1500E-02	-0.2230E-02		
		0.3063E+00	-0.1205E-02		
		0.6111E+00	-0.5230E-03		
		0.9159E+00	-0.1660E-03		
		0.1211E+01	-0.4691E-04		
		0.1505E+01	-0.1041E-04		
		0.1800E+01	-0.1804E-05		
		0.3820E+01	-0.9639E-14		
		0.5840E+01	0.3445E-18		
		0.7860E+01	-0.2468E-24		
		0.8145E+01	-0.1726E-24		
		0.8429E+01	-0.1330E-24		
		0.8714E+01	-0.1206E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2485E+02	0.0000E+00
		0.1500E-02	-0.1849E-03		
		0.3063E+00	-0.1024E-03		
		0.6111E+00	-0.4507E-04		
		0.9159E+00	-0.1444E-04		
		0.1211E+01	-0.4106E-05		
		0.1505E+01	-0.9153E-06		
		0.1800E+01	-0.1590E-06		
		0.3820E+01	-0.8644E-15		
		0.5840E+01	0.2947E-19		
		0.7860E+01	-0.6383E-25		
		0.8145E+01	-0.5241E-25		
		0.8429E+01	-0.4395E-25		
		0.8714E+01	-0.4095E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3218E+02	0.0000E+00
		0.1500E-02	-0.9118E-02		
		0.3063E+00	-0.5607E-02		
		0.6111E+00	-0.2976E-02		
		0.9159E+00	-0.1274E-02		
		0.1211E+01	-0.5188E-03		
		0.1505E+01	-0.1808E-03		
		0.1800E+01	-0.5361E-04		
		0.3820E+01	-0.1337E-09		
		0.5840E+01	0.1328E-15		
		0.7860E+01	-0.2160E-19		
		0.8145E+01	-0.2074E-19		
		0.8429E+01	-0.2034E-19		

		0.8714E+01	-0.2022E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3218E+02	0.0000E+00
		0.1500E-02	-0.5179E-02		
		0.3063E+00	-0.3187E-02		
		0.6111E+00	-0.1692E-02		
		0.9159E+00	-0.7245E-03		
		0.1211E+01	-0.2952E-03		
		0.1505E+01	-0.1029E-03		
		0.1800E+01	-0.3051E-04		
		0.3820E+01	-0.7614E-10		
		0.5840E+01	0.7534E-16		
		0.7860E+01	0.6375E-20		
		0.8145E+01	0.7041E-20		
		0.8429E+01	0.7383E-20		
		0.8714E+01	0.7488E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3218E+02	0.0000E+00
		0.1500E-02	-0.2323E-02		
		0.3063E+00	-0.1432E-02		
		0.6111E+00	-0.7612E-03		
		0.9159E+00	-0.3262E-03		
		0.1211E+01	-0.1330E-03		
		0.1505E+01	-0.4635E-04		
		0.1800E+01	-0.1375E-04		
		0.3820E+01	-0.3434E-10		
		0.5840E+01	0.3373E-16		
		0.7860E+01	0.4755E-20		
		0.8145E+01	0.5096E-20		
		0.8429E+01	0.5281E-20		
		0.8714E+01	0.5340E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3218E+02	0.0000E+00
		0.1500E-02	-0.1933E-03		
		0.3063E+00	-0.1229E-03		
		0.6111E+00	-0.6668E-04		
		0.9159E+00	-0.2899E-04		
		0.1211E+01	-0.1193E-04		
		0.1505E+01	-0.4187E-05		
		0.1800E+01	-0.1249E-05		
		0.3820E+01	-0.3161E-11		
		0.5840E+01	0.2710E-17		
		0.7860E+01	0.1852E-20		
		0.8145E+01	0.1913E-20		
		0.8429E+01	0.1956E-20		
		0.8714E+01	0.1972E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3851E+02	0.0000E+00
		0.1500E-02	-0.9332E-02		
		0.3063E+00	-0.6157E-02		
		0.6111E+00	-0.3634E-02		
		0.9159E+00	-0.1821E-02		
		0.1211E+01	-0.8948E-03		
		0.1505E+01	-0.3922E-03		
		0.1800E+01	-0.1528E-03		
		0.3820E+01	-0.8150E-08		

		0.5840E+01	-0.2369E-14		
		0.7860E+01	0.1108E-16		
		0.8145E+01	0.1118E-16		
		0.8429E+01	0.1123E-16		
		0.8714E+01	0.1125E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3851E+02	0.0000E+00
		0.1500E-02	-0.5301E-02		
		0.3063E+00	-0.3500E-02		
		0.6111E+00	-0.2067E-02		
		0.9159E+00	-0.1036E-02		
		0.1211E+01	-0.5094E-03		
		0.1505E+01	-0.2233E-03		
		0.1800E+01	-0.8700E-04		
		0.3820E+01	-0.4644E-08		
		0.5840E+01	-0.1352E-14		
		0.7860E+01	0.1702E-17		
		0.8145E+01	0.1749E-17		
		0.8429E+01	0.1775E-17		
		0.8714E+01	0.1784E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3851E+02	0.0000E+00
		0.1500E-02	-0.2378E-02		
		0.3063E+00	-0.1574E-02		
		0.6111E+00	-0.9305E-03		
		0.9159E+00	-0.4671E-03		
		0.1211E+01	-0.2297E-03		
		0.1505E+01	-0.1008E-03		
		0.1800E+01	-0.3927E-04		
		0.3820E+01	-0.2099E-08		
		0.5840E+01	-0.6132E-15		
		0.7860E+01	-0.1325E-17		
		0.8145E+01	-0.1314E-17		
		0.8429E+01	-0.1309E-17		
		0.8714E+01	-0.1307E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3851E+02	0.0000E+00
		0.1500E-02	-0.1985E-03		
		0.3063E+00	-0.1362E-03		
		0.6111E+00	-0.8264E-04		
		0.9159E+00	-0.4228E-04		
		0.1211E+01	-0.2106E-04		
		0.1505E+01	-0.9326E-05		
		0.1800E+01	-0.3660E-05		
		0.3820E+01	-0.1997E-09		
		0.5840E+01	-0.6173E-16		
		0.7860E+01	-0.1087E-17		
		0.8145E+01	-0.1091E-17		
		0.8429E+01	-0.1093E-17		
		0.8714E+01	-0.1094E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4419E+02	0.0000E+00
		0.1500E-02	-0.9474E-02		
		0.3063E+00	-0.6534E-02		
		0.6111E+00	-0.4119E-02		
		0.9159E+00	-0.2278E-02		

		0.1211E+01	-0.1255E-02		
		0.1505E+01	-0.6325E-03		
		0.1800E+01	-0.2906E-03		
		0.3820E+01	-0.9820E-07		
		0.5840E+01	-0.2461E-12		
		0.7860E+01	-0.3078E-15		
		0.8145E+01	-0.3097E-15		
		0.8429E+01	-0.3108E-15		
		0.8714E+01	-0.3112E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4419E+02	0.0000E+00
		0.1500E-02	-0.5382E-02		
		0.3063E+00	-0.3715E-02		
		0.6111E+00	-0.2344E-02		
		0.9159E+00	-0.1297E-02		
		0.1211E+01	-0.7148E-03		
		0.1505E+01	-0.3603E-03		
		0.1800E+01	-0.1656E-03		
		0.3820E+01	-0.5600E-07		
		0.5840E+01	-0.1404E-12		
		0.7860E+01	-0.8664E-16		
		0.8145E+01	-0.8796E-16		
		0.8429E+01	-0.8873E-16		
		0.8714E+01	-0.8899E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4419E+02	0.0000E+00
		0.1500E-02	-0.2415E-02		
		0.3063E+00	-0.1671E-02		
		0.6111E+00	-0.1056E-02		
		0.9159E+00	-0.5851E-03		
		0.1211E+01	-0.3227E-03		
		0.1505E+01	-0.1628E-03		
		0.1800E+01	-0.7486E-04		
		0.3820E+01	-0.2536E-07		
		0.5840E+01	-0.6361E-13		
		0.7860E+01	0.3738E-16		
		0.8145E+01	0.3699E-16		
		0.8429E+01	0.3677E-16		
		0.8714E+01	0.3670E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4419E+02	0.0000E+00
		0.1500E-02	-0.2021E-03		
		0.3063E+00	-0.1458E-03		
		0.6111E+00	-0.9490E-04		
		0.9159E+00	-0.5382E-04		
		0.1211E+01	-0.3016E-04		
		0.1505E+01	-0.1540E-04		
		0.1800E+01	-0.7145E-05		
		0.3820E+01	-0.2489E-08		
		0.5840E+01	-0.6287E-14		
		0.7860E+01	0.5065E-16		
		0.8145E+01	0.5077E-16		
		0.8429E+01	0.5083E-16		
		0.8714E+01	0.5086E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4941E+02	0.0000E+00

		0.1500E-02	-0.9576E-02		
		0.3063E+00	-0.6810E-02		
		0.6111E+00	-0.4492E-02		
		0.9159E+00	-0.2658E-02		
		0.1211E+01	-0.1582E-02		
		0.1505E+01	-0.8756E-03		
		0.1800E+01	-0.4494E-03		
		0.3820E+01	-0.5223E-06		
		0.5840E+01	-0.1075E-10		
		0.7860E+01	0.2431E-14		
		0.8145E+01	0.2447E-14		
		0.8429E+01	0.2456E-14		
		0.8714E+01	0.2459E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4941E+02	0.0000E+00
		0.1500E-02	-0.5440E-02		
		0.3063E+00	-0.3873E-02		
		0.6111E+00	-0.2557E-02		
		0.9159E+00	-0.1514E-02		
		0.1211E+01	-0.9013E-03		
		0.1505E+01	-0.4991E-03		
		0.1800E+01	-0.2563E-03		
		0.3820E+01	-0.2981E-06		
		0.5840E+01	-0.6136E-11		
		0.7860E+01	0.2527E-15		
		0.8145E+01	0.2621E-15		
		0.8429E+01	0.2677E-15		
		0.8714E+01	0.2696E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4941E+02	0.0000E+00
		0.1500E-02	-0.2441E-02		
		0.3063E+00	-0.1742E-02		
		0.6111E+00	-0.1152E-02		
		0.9159E+00	-0.6835E-03		
		0.1211E+01	-0.4074E-03		
		0.1505E+01	-0.2258E-03		
		0.1800E+01	-0.1160E-03		
		0.3820E+01	-0.1353E-06		
		0.5840E+01	-0.2786E-11		
		0.7860E+01	-0.8109E-15		
		0.8145E+01	-0.8095E-15		
		0.8429E+01	-0.8087E-15		
		0.8714E+01	-0.8085E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4941E+02	0.0000E+00
		0.1500E-02	-0.2048E-03		
		0.3063E+00	-0.1530E-03		
		0.6111E+00	-0.1047E-03		
		0.9159E+00	-0.6378E-04		
		0.1211E+01	-0.3873E-04		
		0.1505E+01	-0.2178E-04		
		0.1800E+01	-0.1132E-04		
		0.3820E+01	-0.1366E-07		
		0.5840E+01	-0.2842E-12		
		0.7860E+01	-0.7418E-15		
		0.8145E+01	-0.7443E-15		
		0.8429E+01	-0.7458E-15		
		0.8714E+01	-0.7464E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5428E+02	0.0000E+00
		0.1500E-02	-0.9652E-02		
		0.3063E+00	-0.7020E-02		
		0.6111E+00	-0.4787E-02		
		0.9159E+00	-0.2976E-02		
		0.1211E+01	-0.1872E-02		
		0.1505E+01	-0.1109E-02		
		0.1800E+01	-0.6163E-03		
		0.3820E+01	-0.1735E-05		
		0.5840E+01	-0.1580E-09		
		0.7860E+01	-0.2493E-14		
		0.8145E+01	-0.2543E-14		
		0.8429E+01	-0.2574E-14		
		0.8714E+01	-0.2585E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5428E+02	0.0000E+00
		0.1500E-02	-0.5484E-02		
		0.3063E+00	-0.3993E-02		
		0.6111E+00	-0.2725E-02		
		0.9159E+00	-0.1695E-02		
		0.1211E+01	-0.1067E-02		
		0.1505E+01	-0.6323E-03		
		0.1800E+01	-0.3516E-03		
		0.3820E+01	-0.9908E-06		
		0.5840E+01	-0.9029E-10		
		0.7860E+01	0.6347E-14		
		0.8145E+01	0.6339E-14		
		0.8429E+01	0.6334E-14		
		0.8714E+01	0.6333E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5428E+02	0.0000E+00
		0.1500E-02	-0.2461E-02		
		0.3063E+00	-0.1797E-02		
		0.6111E+00	-0.1229E-02		
		0.9159E+00	-0.7660E-03		
		0.1211E+01	-0.4829E-03		
		0.1505E+01	-0.2864E-03		
		0.1800E+01	-0.1594E-03		
		0.3820E+01	-0.4504E-06		
		0.5840E+01	-0.4108E-10		
		0.7860E+01	0.7070E-14		
		0.8145E+01	0.7092E-14		
		0.8429E+01	0.7105E-14		
		0.8714E+01	0.7110E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5428E+02	0.0000E+00
		0.1500E-02	-0.2068E-03		
		0.3063E+00	-0.1587E-03		
		0.6111E+00	-0.1127E-03		
		0.9159E+00	-0.7242E-04		
		0.1211E+01	-0.4664E-04		
		0.1505E+01	-0.2812E-04		
		0.1800E+01	-0.1586E-04		
		0.3820E+01	-0.4674E-07		
		0.5840E+01	-0.4318E-11		
		0.7860E+01	0.3311E-14		
		0.8145E+01	0.3335E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.3349E-14		
		0.8714E+01	0.3354E-14		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5888E+02	0.0000E+00
		0.1500E-02	-0.9712E-02		
		0.3063E+00	-0.7186E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3244E-02		
		0.1211E+01	-0.2129E-02		
		0.1505E+01	-0.1326E-02		
		0.1800E+01	-0.7828E-03		
		0.3820E+01	-0.4283E-05		
		0.5840E+01	-0.1193E-08		
		0.7860E+01	-0.3808E-13		
		0.8145E+01	-0.3789E-13		
		0.8429E+01	-0.3779E-13		
		0.8714E+01	-0.3777E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5888E+02	0.0000E+00
		0.1500E-02	-0.5518E-02		
		0.3063E+00	-0.4088E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1849E-02		
		0.1211E+01	-0.1214E-02		
		0.1505E+01	-0.7568E-03		
		0.1800E+01	-0.4468E-03		
		0.3820E+01	-0.2448E-05		
		0.5840E+01	-0.6822E-09		
		0.7860E+01	-0.3346E-13		
		0.8145E+01	-0.3348E-13		
		0.8429E+01	-0.3349E-13		
		0.8714E+01	-0.3351E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5888E+02	0.0000E+00
		0.1500E-02	-0.2477E-02		
		0.3063E+00	-0.1840E-02		
		0.6111E+00	-0.1291E-02		
		0.9159E+00	-0.8360E-03		
		0.1211E+01	-0.5497E-03		
		0.1505E+01	-0.3431E-03		
		0.1800E+01	-0.2028E-03		
		0.3820E+01	-0.1115E-05		
		0.5840E+01	-0.3110E-09		
		0.7860E+01	-0.1125E-13		
		0.8145E+01	-0.1132E-13		
		0.8429E+01	-0.1137E-13		
		0.8714E+01	-0.1138E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5888E+02	0.0000E+00
		0.1500E-02	-0.2085E-03		
		0.3063E+00	-0.1634E-03		
		0.6111E+00	-0.1194E-03		
		0.9159E+00	-0.7999E-04		
		0.1211E+01	-0.5386E-04		
		0.1505E+01	-0.3426E-04		
		0.1800E+01	-0.2055E-04		

		0.3820E+01	-0.1187E-06		
		0.5840E+01	-0.3362E-10		
		0.7860E+01	0.7839E-14		
		0.8145E+01	0.7796E-14		
		0.8429E+01	0.7771E-14		
		0.8714E+01	0.7763E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6325E+02	0.0000E+00
		0.1500E-02	-0.9760E-02		
		0.3063E+00	-0.7321E-02		
		0.6111E+00	-0.5225E-02		
		0.9159E+00	-0.3474E-02		
		0.1211E+01	-0.2355E-02		
		0.1505E+01	-0.1527E-02		
		0.1800E+01	-0.9442E-03		
		0.3820E+01	-0.8667E-05		
		0.5840E+01	-0.5762E-08		
		0.7860E+01	0.7679E-13		
		0.8145E+01	0.8050E-13		
		0.8429E+01	0.8241E-13		
		0.8714E+01	0.8300E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6325E+02	0.0000E+00
		0.1500E-02	-0.5545E-02		
		0.3063E+00	-0.4165E-02		
		0.6111E+00	-0.2976E-02		
		0.9159E+00	-0.1980E-02		
		0.1211E+01	-0.1344E-02		
		0.1505E+01	-0.8716E-03		
		0.1800E+01	-0.5392E-03		
		0.3820E+01	-0.4958E-05		
		0.5840E+01	-0.3298E-08		
		0.7860E+01	-0.1973E-13		
		0.8145E+01	-0.1762E-13		
		0.8429E+01	-0.1653E-13		
		0.8714E+01	-0.1619E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6325E+02	0.0000E+00
		0.1500E-02	-0.2489E-02		
		0.3063E+00	-0.1875E-02		
		0.6111E+00	-0.1343E-02		
		0.9159E+00	-0.8960E-03		
		0.1211E+01	-0.6090E-03		
		0.1505E+01	-0.3955E-03		
		0.1800E+01	-0.2450E-03		
		0.3820E+01	-0.2261E-05		
		0.5840E+01	-0.1506E-08		
		0.7860E+01	-0.6651E-13		
		0.8145E+01	-0.6566E-13		
		0.8429E+01	-0.6522E-13		
		0.8714E+01	-0.6508E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6325E+02	0.0000E+00
		0.1500E-02	-0.2099E-03		
		0.3063E+00	-0.1673E-03		
		0.6111E+00	-0.1252E-03		

		0.9159E+00	-0.8666E-04		
		0.1211E+01	-0.6046E-04		
		0.1505E+01	-0.4010E-04		
		0.1800E+01	-0.2525E-04		
		0.3820E+01	-0.2466E-06		
		0.5840E+01	-0.1673E-09		
		0.7860E+01	-0.6063E-13		
		0.8145E+01	-0.6069E-13		
		0.8429E+01	-0.6071E-13		
		0.8714E+01	-0.6072E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6743E+02	0.0000E+00
		0.1500E-02	-0.9799E-02		
		0.3063E+00	-0.7433E-02		
		0.6111E+00	-0.5392E-02		
		0.9159E+00	-0.3671E-02		
		0.1211E+01	-0.2556E-02		
		0.1505E+01	-0.1710E-02		
		0.1800E+01	-0.1098E-02		
		0.3820E+01	-0.1525E-04		
		0.5840E+01	-0.2034E-07		
		0.7860E+01	0.5558E-12		
		0.8145E+01	0.5851E-12		
		0.8429E+01	0.5999E-12		
		0.8714E+01	0.6045E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6743E+02	0.0000E+00
		0.1500E-02	-0.5568E-02		
		0.3063E+00	-0.4229E-02		
		0.6111E+00	-0.3071E-02		
		0.9159E+00	-0.2093E-02		
		0.1211E+01	-0.1458E-02		
		0.1505E+01	-0.9766E-03		
		0.1800E+01	-0.6273E-03		
		0.3820E+01	-0.8730E-05		
		0.5840E+01	-0.1165E-07		
		0.7860E+01	0.2494E-12		
		0.8145E+01	0.2659E-12		
		0.8429E+01	0.2743E-12		
		0.8714E+01	0.2770E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6743E+02	0.0000E+00
		0.1500E-02	-0.2500E-02		
		0.3063E+00	-0.1905E-02		
		0.6111E+00	-0.1387E-02		
		0.9159E+00	-0.9478E-03		
		0.1211E+01	-0.6615E-03		
		0.1505E+01	-0.4436E-03		
		0.1800E+01	-0.2853E-03		
		0.3820E+01	-0.3988E-05		
		0.5840E+01	-0.5332E-08		
		0.7860E+01	0.8156E-13		
		0.8145E+01	0.8954E-13		
		0.8429E+01	0.9382E-13		
		0.8714E+01	0.9517E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6743E+02	0.0000E+00
		0.1500E-02	-0.2111E-03		
		0.3063E+00	-0.1707E-03		
		0.6111E+00	-0.1302E-03		
		0.9159E+00	-0.9261E-04		
		0.1211E+01	-0.6649E-04		
		0.1505E+01	-0.4561E-04		
		0.1800E+01	-0.2988E-04		
		0.3820E+01	-0.4450E-06		
		0.5840E+01	-0.6074E-09		
		0.7860E+01	-0.4350E-13		
		0.8145E+01	-0.4199E-13		
		0.8429E+01	-0.4093E-13		
		0.8714E+01	-0.4056E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7144E+02	0.0000E+00
		0.1500E-02	-0.9833E-02		
		0.3063E+00	-0.7527E-02		
		0.6111E+00	-0.5534E-02		
		0.9159E+00	-0.3843E-02		
		0.1211E+01	-0.2733E-02		
		0.1505E+01	-0.1877E-02		
		0.1800E+01	-0.1242E-02		
		0.3820E+01	-0.2422E-04		
		0.5840E+01	-0.5712E-07		
		0.7860E+01	0.4301E-11		
		0.8145E+01	0.4481E-11		
		0.8429E+01	0.4574E-11		
		0.8714E+01	0.4603E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7144E+02	0.0000E+00
		0.1500E-02	-0.5587E-02		
		0.3063E+00	-0.4283E-02		
		0.6111E+00	-0.3153E-02		
		0.9159E+00	-0.2192E-02		
		0.1211E+01	-0.1560E-02		
		0.1505E+01	-0.1072E-02		
		0.1800E+01	-0.7102E-03		
		0.3820E+01	-0.1387E-04		
		0.5840E+01	-0.3275E-07		
		0.7860E+01	0.1268E-11		
		0.8145E+01	0.1363E-11		
		0.8429E+01	0.1412E-11		
		0.8714E+01	0.1427E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7144E+02	0.0000E+00
		0.1500E-02	-0.2508E-02		
		0.3063E+00	-0.1929E-02		
		0.6111E+00	-0.1425E-02		
		0.9159E+00	-0.9930E-03		
		0.1211E+01	-0.7083E-03		
		0.1505E+01	-0.4876E-03		
		0.1800E+01	-0.3233E-03		
		0.3820E+01	-0.6348E-05		
		0.5840E+01	-0.1501E-07		
		0.7860E+01	0.5494E-12		

		0.8145E+01	0.5928E-12		
		0.8429E+01	0.6159E-12		
		0.8714E+01	0.6232E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7144E+02	0.0000E+00
		0.1500E-02	-0.2121E-03		
		0.3063E+00	-0.1736E-03		
		0.6111E+00	-0.1347E-03		
		0.9159E+00	-0.9795E-04		
		0.1211E+01	-0.7201E-04		
		0.1505E+01	-0.5080E-04		
		0.1800E+01	-0.3437E-04		
		0.3820E+01	-0.7238E-06		
		0.5840E+01	-0.1752E-08		
		0.7860E+01	0.3146E-12		
		0.8145E+01	0.3224E-12		
		0.8429E+01	0.3279E-12		
		0.8714E+01	0.3298E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7532E+02	0.0000E+00
		0.1500E-02	-0.9861E-02		
		0.3063E+00	-0.7607E-02		
		0.6111E+00	-0.5657E-02		
		0.9159E+00	-0.3993E-02		
		0.1211E+01	-0.2892E-02		
		0.1505E+01	-0.2029E-02		
		0.1800E+01	-0.1378E-02		
		0.3820E+01	-0.3560E-04		
		0.5840E+01	-0.1350E-06		
		0.7860E+01	0.3415E-10		
		0.8145E+01	0.3501E-10		
		0.8429E+01	0.3546E-10		
		0.8714E+01	0.3560E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7532E+02	0.0000E+00
		0.1500E-02	-0.5603E-02		
		0.3063E+00	-0.4329E-02		
		0.6111E+00	-0.3223E-02		
		0.9159E+00	-0.2278E-02		
		0.1211E+01	-0.1651E-02		
		0.1505E+01	-0.1160E-02		
		0.1800E+01	-0.7879E-03		
		0.3820E+01	-0.2041E-04		
		0.5840E+01	-0.7748E-07		
		0.7860E+01	0.9805E-11		
		0.8145E+01	0.1024E-10		
		0.8429E+01	0.1047E-10		
		0.8714E+01	0.1054E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7532E+02	0.0000E+00
		0.1500E-02	-0.2516E-02		
		0.3063E+00	-0.1951E-02		
		0.6111E+00	-0.1457E-02		
		0.9159E+00	-0.1033E-02		
		0.1211E+01	-0.7501E-03		
		0.1505E+01	-0.5278E-03		

		0.1800E+01	-0.3591E-03		
		0.3820E+01	-0.9354E-05		
		0.5840E+01	-0.3558E-07		
		0.7860E+01	0.2863E-11		
		0.8145E+01	0.3055E-11		
		0.8429E+01	0.3159E-11		
		0.8714E+01	0.3192E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7532E+02	0.0000E+00
		0.1500E-02	-0.2130E-03		
		0.3063E+00	-0.1762E-03		
		0.6111E+00	-0.1386E-03		
		0.9159E+00	-0.1028E-03		
		0.1211E+01	-0.7708E-04		
		0.1505E+01	-0.5567E-04		
		0.1800E+01	-0.3870E-04		
		0.3820E+01	-0.1089E-05		
		0.5840E+01	-0.4251E-08		
		0.7860E+01	0.1208E-11		
		0.8145E+01	0.1241E-11		
		0.8429E+01	0.1264E-11		
		0.8714E+01	0.1272E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7907E+02	0.0000E+00
		0.1500E-02	-0.9885E-02		
		0.3063E+00	-0.7677E-02		
		0.6111E+00	-0.5764E-02		
		0.9159E+00	-0.4126E-02		
		0.1211E+01	-0.3033E-02		
		0.1505E+01	-0.2168E-02		
		0.1800E+01	-0.1504E-02		
		0.3820E+01	-0.4932E-04		
		0.5840E+01	-0.2795E-06		
		0.7860E+01	0.1999E-09		
		0.8145E+01	0.2032E-09		
		0.8429E+01	0.2050E-09		
		0.8714E+01	0.2056E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7907E+02	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4369E-02		
		0.6111E+00	-0.3285E-02		
		0.9159E+00	-0.2355E-02		
		0.1211E+01	-0.1733E-02		
		0.1505E+01	-0.1239E-02		
		0.1800E+01	-0.8603E-03		
		0.3820E+01	-0.2829E-04		
		0.5840E+01	-0.1605E-06		
		0.7860E+01	0.6552E-10		
		0.8145E+01	0.6718E-10		
		0.8429E+01	0.6806E-10		
		0.8714E+01	0.6834E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7907E+02	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.1969E-02		

		0.6111E+00	-0.1485E-02		
		0.9159E+00	-0.1068E-02		
		0.1211E+01	-0.7876E-03		
		0.1505E+01	-0.5645E-03		
		0.1800E+01	-0.3924E-03		
		0.3820E+01	-0.1299E-04		
		0.5840E+01	-0.7385E-07		
		0.7860E+01	0.2034E-10		
		0.8145E+01	0.2107E-10		
		0.8429E+01	0.2146E-10		
		0.8714E+01	0.2158E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7907E+02	0.0000E+00
		0.1500E-02	-0.2138E-03		
		0.3063E+00	-0.1785E-03		
		0.6111E+00	-0.1421E-03		
		0.9159E+00	-0.1071E-03		
		0.1211E+01	-0.8175E-04		
		0.1505E+01	-0.6024E-04		
		0.1800E+01	-0.4285E-04		
		0.3820E+01	-0.1541E-05		
		0.5840E+01	-0.9022E-08		
		0.7860E+01	0.6515E-11		
		0.8145E+01	0.6649E-11		
		0.8429E+01	0.6742E-11		
		0.8714E+01	0.6774E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8271E+02	0.0000E+00
		0.1500E-02	-0.9906E-02		
		0.3063E+00	-0.7737E-02		
		0.6111E+00	-0.5858E-02		
		0.9159E+00	-0.4244E-02		
		0.1211E+01	-0.3161E-02		
		0.1505E+01	-0.2294E-02		
		0.1800E+01	-0.1621E-02		
		0.3820E+01	-0.6517E-04		
		0.5840E+01	-0.5212E-06		
		0.7860E+01	0.9023E-09		
		0.8145E+01	0.9133E-09		
		0.8429E+01	0.9193E-09		
		0.8714E+01	0.9213E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8271E+02	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4404E-02		
		0.6111E+00	-0.3339E-02		
		0.9159E+00	-0.2422E-02		
		0.1211E+01	-0.1806E-02		
		0.1505E+01	-0.1312E-02		
		0.1800E+01	-0.9277E-03		
		0.3820E+01	-0.3742E-04		
		0.5840E+01	-0.2996E-06		
		0.7860E+01	0.3296E-09		
		0.8145E+01	0.3350E-09		
		0.8429E+01	0.3379E-09		
		0.8714E+01	0.3389E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8271E+02	0.0000E+00
		0.1500E-02	-0.2528E-02		
		0.3063E+00	-0.1985E-02		
		0.6111E+00	-0.1510E-02		
		0.9159E+00	-0.1099E-02		
		0.1211E+01	-0.8214E-03		
		0.1505E+01	-0.5980E-03		
		0.1800E+01	-0.4235E-03		
		0.3820E+01	-0.1720E-04		
		0.5840E+01	-0.1380E-06		
		0.7860E+01	0.1154E-09		
		0.8145E+01	0.1177E-09		
		0.8429E+01	0.1190E-09		
		0.8714E+01	0.1195E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8271E+02	0.0000E+00
		0.1500E-02	-0.2145E-03		
		0.3063E+00	-0.1805E-03		
		0.6111E+00	-0.1453E-03		
		0.9159E+00	-0.1111E-03		
		0.1211E+01	-0.8606E-04		
		0.1505E+01	-0.6453E-04		
		0.1800E+01	-0.4682E-04		
		0.3820E+01	-0.2079E-05		
		0.5840E+01	-0.1723E-07		
		0.7860E+01	0.3938E-10		
		0.8145E+01	0.3989E-10		
		0.8429E+01	0.4023E-10		
		0.8714E+01	0.4035E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8625E+02	0.0000E+00
		0.1500E-02	-0.9925E-02		
		0.3063E+00	-0.7790E-02		
		0.6111E+00	-0.5941E-02		
		0.9159E+00	-0.4349E-02		
		0.1211E+01	-0.3275E-02		
		0.1505E+01	-0.2410E-02		
		0.1800E+01	-0.1729E-02		
		0.3820E+01	-0.8294E-04		
		0.5840E+01	-0.8936E-06		
		0.7860E+01	0.3331E-08		
		0.8145E+01	0.3363E-08		
		0.8429E+01	0.3381E-08		
		0.8714E+01	0.3387E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8625E+02	0.0000E+00
		0.1500E-02	-0.5640E-02		
		0.3063E+00	-0.4434E-02		
		0.6111E+00	-0.3387E-02		
		0.9159E+00	-0.2483E-02		
		0.1211E+01	-0.1872E-02		
		0.1505E+01	-0.1379E-02		
		0.1800E+01	-0.9902E-03		
		0.3820E+01	-0.4765E-04		
		0.5840E+01	-0.5140E-06		

		0.7860E+01	0.1324E-08		
		0.8145E+01	0.1340E-08		
		0.8429E+01	0.1349E-08		
		0.8714E+01	0.1351E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8625E+02	0.0000E+00
		0.1500E-02	-0.2533E-02		
		0.3063E+00	-0.1999E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1127E-02		
		0.1211E+01	-0.8519E-03		
		0.1505E+01	-0.6288E-03		
		0.1800E+01	-0.4525E-03		
		0.3820E+01	-0.2193E-04		
		0.5840E+01	-0.2373E-06		
		0.7860E+01	0.5092E-09		
		0.8145E+01	0.5161E-09		
		0.8429E+01	0.5199E-09		
		0.8714E+01	0.5212E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8625E+02	0.0000E+00
		0.1500E-02	-0.2152E-03		
		0.3063E+00	-0.1824E-03		
		0.6111E+00	-0.1482E-03		
		0.9159E+00	-0.1148E-03		
		0.1211E+01	-0.9006E-04		
		0.1505E+01	-0.6855E-04		
		0.1800E+01	-0.5061E-04		
		0.3820E+01	-0.2698E-05		
		0.5840E+01	-0.3022E-07		
		0.7860E+01	0.1907E-09		
		0.8145E+01	0.1925E-09		
		0.8429E+01	0.1936E-09		
		0.8714E+01	0.1940E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8969E+02	0.0000E+00
		0.1500E-02	-0.9941E-02		
		0.3063E+00	-0.7837E-02		
		0.6111E+00	-0.6014E-02		
		0.9159E+00	-0.4443E-02		
		0.1211E+01	-0.3379E-02		
		0.1505E+01	-0.2515E-02		
		0.1800E+01	-0.1830E-02		
		0.3820E+01	-0.1024E-03		
		0.5840E+01	-0.1431E-05		
		0.7860E+01	0.1048E-07		
		0.8145E+01	0.1056E-07		
		0.8429E+01	0.1060E-07		
		0.8714E+01	0.1062E-07		
8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8969E+02	0.0000E+00
		0.1500E-02	-0.5649E-02		
		0.3063E+00	-0.4462E-02		
		0.6111E+00	-0.3429E-02		
		0.9159E+00	-0.2537E-02		
		0.1211E+01	-0.1932E-02		

		0.1505E+01	-0.1439E-02		
		0.1800E+01	-0.1048E-02		
		0.3820E+01	-0.5884E-04		
		0.5840E+01	-0.8238E-06		
		0.7860E+01	0.4467E-08		
		0.8145E+01	0.4508E-08		
		0.8429E+01	0.4531E-08		
		0.8714E+01	0.4538E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8969E+02	0.0000E+00
		0.1500E-02	-0.2537E-02		
		0.3063E+00	-0.2012E-02		
		0.6111E+00	-0.1552E-02		
		0.9159E+00	-0.1152E-02		
		0.1211E+01	-0.8796E-03		
		0.1505E+01	-0.6570E-03		
		0.1800E+01	-0.4794E-03		
		0.3820E+01	-0.2712E-04		
		0.5840E+01	-0.3809E-06		
		0.7860E+01	0.1850E-08		
		0.8145E+01	0.1869E-08		
		0.8429E+01	0.1879E-08		
		0.8714E+01	0.1883E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8969E+02	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1840E-03		
		0.6111E+00	-0.1508E-03		
		0.9159E+00	-0.1182E-03		
		0.1211E+01	-0.9376E-04		
		0.1505E+01	-0.7232E-04		
		0.1800E+01	-0.5422E-04		
		0.3820E+01	-0.3394E-05		
		0.5840E+01	-0.4948E-07		
		0.7860E+01	0.7481E-09		
		0.8145E+01	0.7535E-09		
		0.8429E+01	0.7569E-09		
		0.8714E+01	0.7581E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9306E+02	0.0000E+00
		0.1500E-02	-0.9955E-02		
		0.3063E+00	-0.7879E-02		
		0.6111E+00	-0.6080E-02		
		0.9159E+00	-0.4528E-02		
		0.1211E+01	-0.3473E-02		
		0.1505E+01	-0.2612E-02		
		0.1800E+01	-0.1924E-02		
		0.3820E+01	-0.1231E-03		
		0.5840E+01	-0.2166E-05		
		0.7860E+01	0.2889E-07		
		0.8145E+01	0.2909E-07		
		0.8429E+01	0.2920E-07		
		0.8714E+01	0.2923E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9306E+02	0.0000E+00
		0.1500E-02	-0.5658E-02		

		0.3063E+00	-0.4486E-02		
		0.6111E+00	-0.3467E-02		
		0.9159E+00	-0.2586E-02		
		0.1211E+01	-0.1986E-02		
		0.1505E+01	-0.1495E-02		
		0.1800E+01	-0.1102E-02		
		0.3820E+01	-0.7083E-04		
		0.5840E+01	-0.1248E-05		
		0.7860E+01	0.1308E-07		
		0.8145E+01	0.1318E-07		
		0.8429E+01	0.1324E-07		
		0.8714E+01	0.1326E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9306E+02	0.0000E+00
		0.1500E-02	-0.2541E-02		
		0.3063E+00	-0.2023E-02		
		0.6111E+00	-0.1570E-02		
		0.9159E+00	-0.1175E-02		
		0.1211E+01	-0.9048E-03		
		0.1505E+01	-0.6828E-03		
		0.1800E+01	-0.5044E-03		
		0.3820E+01	-0.3270E-04		
		0.5840E+01	-0.5780E-06		
		0.7860E+01	0.5770E-08		
		0.8145E+01	0.5815E-08		
		0.8429E+01	0.5841E-08		
		0.8714E+01	0.5850E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9306E+02	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1856E-03		
		0.6111E+00	-0.1533E-03		
		0.9159E+00	-0.1213E-03		
		0.1211E+01	-0.9721E-04		
		0.1505E+01	-0.7587E-04		
		0.1800E+01	-0.5765E-04		
		0.3820E+01	-0.4158E-05		
		0.5840E+01	-0.7651E-07		
		0.7860E+01	0.2486E-08		
		0.8145E+01	0.2501E-08		
		0.8429E+01	0.2511E-08		
		0.8714E+01	0.2514E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9635E+02	0.0000E+00
		0.1500E-02	-0.9968E-02		
		0.3063E+00	-0.7917E-02		
		0.6111E+00	-0.6139E-02		
		0.9159E+00	-0.4604E-02		
		0.1211E+01	-0.3558E-02		
		0.1505E+01	-0.2700E-02		
		0.1800E+01	-0.2010E-02		
		0.3820E+01	-0.1451E-03		
		0.5840E+01	-0.3128E-05		
		0.7860E+01	0.7142E-07		
		0.8145E+01	0.7184E-07		
		0.8429E+01	0.7208E-07		

		0.8714E+01	0.7217E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9635E+02	0.0000E+00
		0.1500E-02	-0.5665E-02		
		0.3063E+00	-0.4507E-02		
		0.6111E+00	-0.3501E-02		
		0.9159E+00	-0.2630E-02		
		0.1211E+01	-0.2035E-02		
		0.1505E+01	-0.1546E-02		
		0.1800E+01	-0.1152E-02		
		0.3820E+01	-0.8349E-04		
		0.5840E+01	-0.1804E-05		
		0.7860E+01	0.3409E-07		
		0.8145E+01	0.3431E-07		
		0.8429E+01	0.3444E-07		
		0.8714E+01	0.3448E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9635E+02	0.0000E+00
		0.1500E-02	-0.2544E-02		
		0.3063E+00	-0.2033E-02		
		0.6111E+00	-0.1586E-02		
		0.9159E+00	-0.1196E-02		
		0.1211E+01	-0.9277E-03		
		0.1505E+01	-0.7067E-03		
		0.1800E+01	-0.5277E-03		
		0.3820E+01	-0.3859E-04		
		0.5840E+01	-0.8368E-06		
		0.7860E+01	0.1588E-07		
		0.8145E+01	0.1598E-07		
		0.8429E+01	0.1604E-07		
		0.8714E+01	0.1606E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9635E+02	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1870E-03		
		0.6111E+00	-0.1555E-03		
		0.9159E+00	-0.1241E-03		
		0.1211E+01	-0.1004E-03		
		0.1505E+01	-0.7921E-04		
		0.1800E+01	-0.6091E-04		
		0.3820E+01	-0.4983E-05		
		0.5840E+01	-0.1128E-06		
		0.7860E+01	0.7230E-08		
		0.8145E+01	0.7268E-08		
		0.8429E+01	0.7292E-08		
		0.8714E+01	0.7301E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9956E+02	0.0000E+00
		0.1500E-02	-0.9980E-02		
		0.3063E+00	-0.7950E-02		
		0.6111E+00	-0.6193E-02		
		0.9159E+00	-0.4673E-02		
		0.1211E+01	-0.3636E-02		
		0.1505E+01	-0.2782E-02		
		0.1800E+01	-0.2091E-02		
		0.3820E+01	-0.1678E-03		

		0.5840E+01	-0.4342E-05		
		0.7860E+01	0.1610E-06		
		0.8145E+01	0.1618E-06		
		0.8429E+01	0.1623E-06		
		0.8714E+01	0.1625E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9956E+02	0.0000E+00
		0.1500E-02	-0.5672E-02		
		0.3063E+00	-0.4527E-02		
		0.6111E+00	-0.3532E-02		
		0.9159E+00	-0.2670E-02		
		0.1211E+01	-0.2080E-02		
		0.1505E+01	-0.1593E-02		
		0.1800E+01	-0.1199E-02		
		0.3820E+01	-0.9665E-04		
		0.5840E+01	-0.2505E-05		
		0.7860E+01	0.8052E-07		
		0.8145E+01	0.8097E-07		
		0.8429E+01	0.8124E-07		
		0.8714E+01	0.8133E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9956E+02	0.0000E+00
		0.1500E-02	-0.2547E-02		
		0.3063E+00	-0.2042E-02		
		0.6111E+00	-0.1600E-02		
		0.9159E+00	-0.1214E-02		
		0.1211E+01	-0.9487E-03		
		0.1505E+01	-0.7286E-03		
		0.1800E+01	-0.5494E-03		
		0.3820E+01	-0.4473E-04		
		0.5840E+01	-0.1164E-05		
		0.7860E+01	0.3936E-07		
		0.8145E+01	0.3958E-07		
		0.8429E+01	0.3971E-07		
		0.8714E+01	0.3976E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9956E+02	0.0000E+00
		0.1500E-02	-0.2172E-03		
		0.3063E+00	-0.1883E-03		
		0.6111E+00	-0.1575E-03		
		0.9159E+00	-0.1268E-03		
		0.1211E+01	-0.1034E-03		
		0.1505E+01	-0.8235E-04		
		0.1800E+01	-0.6401E-04		
		0.3820E+01	-0.5863E-05		
		0.5840E+01	-0.1597E-06		
		0.7860E+01	0.1882E-07		
		0.8145E+01	0.1891E-07		
		0.8429E+01	0.1897E-07		
		0.8714E+01	0.1899E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1027E+03	0.0000E+00
		0.1500E-02	-0.9990E-02		
		0.3063E+00	-0.7980E-02		
		0.6111E+00	-0.6241E-02		
		0.9159E+00	-0.4736E-02		

		0.1211E+01	-0.3707E-02		
		0.1505E+01	-0.2857E-02		
		0.1800E+01	-0.2165E-02		
		0.3820E+01	-0.1912E-03		
		0.5840E+01	-0.5826E-05		
		0.7860E+01	0.3354E-06		
		0.8145E+01	0.3370E-06		
		0.8429E+01	0.3379E-06		
		0.8714E+01	0.3383E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1027E+03	0.0000E+00
		0.1500E-02	-0.5678E-02		
		0.3063E+00	-0.4544E-02		
		0.6111E+00	-0.3560E-02		
		0.9159E+00	-0.2707E-02		
		0.1211E+01	-0.2121E-02		
		0.1505E+01	-0.1637E-02		
		0.1800E+01	-0.1242E-02		
		0.3820E+01	-0.1102E-03		
		0.5840E+01	-0.3364E-05		
		0.7860E+01	0.1749E-06		
		0.8145E+01	0.1758E-06		
		0.8429E+01	0.1763E-06		
		0.8714E+01	0.1765E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1027E+03	0.0000E+00
		0.1500E-02	-0.2550E-02		
		0.3063E+00	-0.2050E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1231E-02		
		0.1211E+01	-0.9679E-03		
		0.1505E+01	-0.7489E-03		
		0.1800E+01	-0.5696E-03		
		0.3820E+01	-0.5106E-04		
		0.5840E+01	-0.1566E-05		
		0.7860E+01	0.8927E-07		
		0.8145E+01	0.8972E-07		
		0.8429E+01	0.8999E-07		
		0.8714E+01	0.9009E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1027E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1895E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1293E-03		
		0.1211E+01	-0.1062E-03		
		0.1505E+01	-0.8531E-04		
		0.1800E+01	-0.6696E-04		
		0.3820E+01	-0.6788E-05		
		0.5840E+01	-0.2184E-06		
		0.7860E+01	0.4461E-07		
		0.8145E+01	0.4481E-07		
		0.8429E+01	0.4493E-07		
		0.8714E+01	0.4497E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00

		0.1500E-02	-0.1000E-01		
		0.3063E+00	-0.8008E-02		
		0.6111E+00	-0.6285E-02		
		0.9159E+00	-0.4794E-02		
		0.1211E+01	-0.3772E-02		
		0.1505E+01	-0.2926E-02		
		0.1800E+01	-0.2234E-02		
		0.3820E+01	-0.2151E-03		
		0.5840E+01	-0.7593E-05		
		0.7860E+01	0.6531E-06		
		0.8145E+01	0.6560E-06		
		0.8429E+01	0.6577E-06		
		0.8714E+01	0.6583E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5683E-02		
		0.3063E+00	-0.4560E-02		
		0.6111E+00	-0.3586E-02		
		0.9159E+00	-0.2740E-02		
		0.1211E+01	-0.2159E-02		
		0.1505E+01	-0.1677E-02		
		0.1800E+01	-0.1282E-02		
		0.3820E+01	-0.1240E-03		
		0.5840E+01	-0.4388E-05		
		0.7860E+01	0.3537E-06		
		0.8145E+01	0.3553E-06		
		0.8429E+01	0.3563E-06		
		0.8714E+01	0.3566E-06		
0.1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2553E-02		
		0.3063E+00	-0.2058E-02		
		0.6111E+00	-0.1625E-02		
		0.9159E+00	-0.1247E-02		
		0.1211E+01	-0.9856E-03		
		0.1505E+01	-0.7676E-03		
		0.1800E+01	-0.5884E-03		
		0.3820E+01	-0.5753E-04		
		0.5840E+01	-0.2045E-05		
		0.7860E+01	0.1876E-06		
		0.8145E+01	0.1885E-06		
		0.8429E+01	0.1890E-06		
		0.8714E+01	0.1892E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1906E-03		
		0.6111E+00	-0.1612E-03		
		0.9159E+00	-0.1316E-03		
		0.1211E+01	-0.1089E-03		
		0.1505E+01	-0.8810E-04		
		0.1800E+01	-0.6976E-04		
		0.3820E+01	-0.7753E-05		
		0.5840E+01	-0.2899E-06		
		0.7860E+01	0.9755E-07		
		0.8145E+01	0.9796E-07		
		0.8429E+01	0.9821E-07		
		0.8714E+01	0.9831E-07		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1088E+03	0.0000E+00
		0.1500E-02	-0.1001E-01		
		0.3063E+00	-0.8033E-02		
		0.6111E+00	-0.6325E-02		
		0.9159E+00	-0.4846E-02		
		0.1211E+01	-0.3832E-02		
		0.1505E+01	-0.2989E-02		
		0.1800E+01	-0.2299E-02		
		0.3820E+01	-0.2391E-03		
		0.5840E+01	-0.9652E-05		
		0.7860E+01	0.1199E-05		
		0.8145E+01	0.1204E-05		
		0.8429E+01	0.1207E-05		
		0.8714E+01	0.1208E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1088E+03	0.0000E+00
		0.1500E-02	-0.5688E-02		
		0.3063E+00	-0.4575E-02		
		0.6111E+00	-0.3609E-02		
		0.9159E+00	-0.2770E-02		
		0.1211E+01	-0.2194E-02		
		0.1505E+01	-0.1714E-02		
		0.1800E+01	-0.1319E-02		
		0.3820E+01	-0.1380E-03		
		0.5840E+01	-0.5582E-05		
		0.7860E+01	0.6720E-06		
		0.8145E+01	0.6749E-06		
		0.8429E+01	0.6766E-06		
		0.8714E+01	0.6772E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1088E+03	0.0000E+00
		0.1500E-02	-0.2555E-02		
		0.3063E+00	-0.2065E-02		
		0.6111E+00	-0.1636E-02		
		0.9159E+00	-0.1261E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7850E-03		
		0.1800E+01	-0.6059E-03		
		0.3820E+01	-0.6409E-04		
		0.5840E+01	-0.2606E-05		
		0.7860E+01	0.3692E-06		
		0.8145E+01	0.3708E-06		
		0.8429E+01	0.3718E-06		
		0.8714E+01	0.3721E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1088E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1916E-03		
		0.6111E+00	-0.1629E-03		
		0.9159E+00	-0.1338E-03		
		0.1211E+01	-0.1113E-03		
		0.1505E+01	-0.9074E-04		
		0.1800E+01	-0.7243E-04		
		0.3820E+01	-0.8750E-05		
		0.5840E+01	-0.3750E-06		
		0.7860E+01	0.1990E-06		
		0.8145E+01	0.1998E-06		

		0.8429E+01	0.2003E-06		
		0.8714E+01	0.2005E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1118E+03	0.0000E+00
		0.1500E-02	-0.1002E-01		
		0.3063E+00	-0.8055E-02		
		0.6111E+00	-0.6361E-02		
		0.9159E+00	-0.4894E-02		
		0.1211E+01	-0.3887E-02		
		0.1505E+01	-0.3048E-02		
		0.1800E+01	-0.2359E-02		
		0.3820E+01	-0.2633E-03		
		0.5840E+01	-0.1200E-04		
		0.7860E+01	0.2094E-05		
		0.8145E+01	0.2102E-05		
		0.8429E+01	0.2106E-05		
		0.8714E+01	0.2108E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1118E+03	0.0000E+00
		0.1500E-02	-0.5693E-02		
		0.3063E+00	-0.4588E-02		
		0.6111E+00	-0.3630E-02		
		0.9159E+00	-0.2798E-02		
		0.1211E+01	-0.2225E-02		
		0.1505E+01	-0.1748E-02		
		0.1800E+01	-0.1354E-02		
		0.3820E+01	-0.1520E-03		
		0.5840E+01	-0.6947E-05		
		0.7860E+01	0.1210E-05		
		0.8145E+01	0.1214E-05		
		0.8429E+01	0.1217E-05		
		0.8714E+01	0.1218E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1118E+03	0.0000E+00
		0.1500E-02	-0.2557E-02		
		0.3063E+00	-0.2071E-02		
		0.6111E+00	-0.1646E-02		
		0.9159E+00	-0.1274E-02		
		0.1211E+01	-0.1017E-02		
		0.1505E+01	-0.8010E-03		
		0.1800E+01	-0.6222E-03		
		0.3820E+01	-0.7068E-04		
		0.5840E+01	-0.3248E-05		
		0.7860E+01	0.6861E-06		
		0.8145E+01	0.6889E-06		
		0.8429E+01	0.6905E-06		
		0.8714E+01	0.6911E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1118E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1926E-03		
		0.6111E+00	-0.1644E-03		
		0.9159E+00	-0.1358E-03		
		0.1211E+01	-0.1137E-03		
		0.1505E+01	-0.9323E-04		
		0.1800E+01	-0.7496E-04		

		0.3820E+01	-0.9773E-05		
		0.5840E+01	-0.4743E-06		
		0.7860E+01	0.3821E-06		
		0.8145E+01	0.3836E-06		
		0.8429E+01	0.3845E-06		
		0.8714E+01	0.3848E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1148E+03	0.0000E+00
		0.1500E-02	-0.1002E-01		
		0.3063E+00	-0.8076E-02		
		0.6111E+00	-0.6394E-02		
		0.9159E+00	-0.4938E-02		
		0.1211E+01	-0.3937E-02		
		0.1505E+01	-0.3103E-02		
		0.1800E+01	-0.2414E-02		
		0.3820E+01	-0.2874E-03		
		0.5840E+01	-0.1464E-04		
		0.7860E+01	0.3494E-05		
		0.8145E+01	0.3507E-05		
		0.8429E+01	0.3515E-05		
		0.8714E+01	0.3517E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1148E+03	0.0000E+00
		0.1500E-02	-0.5697E-02		
		0.3063E+00	-0.4600E-02		
		0.6111E+00	-0.3649E-02		
		0.9159E+00	-0.2824E-02		
		0.1211E+01	-0.2255E-02		
		0.1505E+01	-0.1779E-02		
		0.1800E+01	-0.1386E-02		
		0.3820E+01	-0.1660E-03		
		0.5840E+01	-0.8480E-05		
		0.7860E+01	0.2076E-05		
		0.8145E+01	0.2084E-05		
		0.8429E+01	0.2089E-05		
		0.8714E+01	0.2090E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1148E+03	0.0000E+00
		0.1500E-02	-0.2559E-02		
		0.3063E+00	-0.2077E-02		
		0.6111E+00	-0.1655E-02		
		0.9159E+00	-0.1286E-02		
		0.1211E+01	-0.1031E-02		
		0.1505E+01	-0.8160E-03		
		0.1800E+01	-0.6375E-03		
		0.3820E+01	-0.7729E-04		
		0.5840E+01	-0.3970E-05		
		0.7860E+01	0.1213E-05		
		0.8145E+01	0.1217E-05		
		0.8429E+01	0.1220E-05		
		0.8714E+01	0.1221E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1148E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1935E-03		
		0.6111E+00	-0.1659E-03		

		0.9159E+00	-0.1377E-03		
		0.1211E+01	-0.1159E-03		
		0.1505E+01	-0.9559E-04		
		0.1800E+01	-0.7737E-04		
		0.3820E+01	-0.1082E-04		
		0.5840E+01	-0.5878E-06		
		0.7860E+01	0.6958E-06		
		0.8145E+01	0.6983E-06		
		0.8429E+01	0.6998E-06		
		0.8714E+01	0.7004E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1176E+03	0.0000E+00
		0.1500E-02	-0.1003E-01		
		0.3063E+00	-0.8095E-02		
		0.6111E+00	-0.6425E-02		
		0.9159E+00	-0.4979E-02		
		0.1211E+01	-0.3984E-02		
		0.1505E+01	-0.3153E-02		
		0.1800E+01	-0.2466E-02		
		0.3820E+01	-0.3114E-03		
		0.5840E+01	-0.1756E-04		
		0.7860E+01	0.5606E-05		
		0.8145E+01	0.5626E-05		
		0.8429E+01	0.5637E-05		
		0.8714E+01	0.5642E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1176E+03	0.0000E+00
		0.1500E-02	-0.5701E-02		
		0.3063E+00	-0.4611E-02		
		0.6111E+00	-0.3667E-02		
		0.9159E+00	-0.2847E-02		
		0.1211E+01	-0.2282E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1417E-02		
		0.3820E+01	-0.1799E-03		
		0.5840E+01	-0.1018E-04		
		0.7860E+01	0.3418E-05		
		0.8145E+01	0.3430E-05		
		0.8429E+01	0.3437E-05		
		0.8714E+01	0.3440E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1176E+03	0.0000E+00
		0.1500E-02	-0.2561E-02		
		0.3063E+00	-0.2082E-02		
		0.6111E+00	-0.1663E-02		
		0.9159E+00	-0.1297E-02		
		0.1211E+01	-0.1044E-02		
		0.1505E+01	-0.8298E-03		
		0.1800E+01	-0.6518E-03		
		0.3820E+01	-0.8387E-04		
		0.5840E+01	-0.4771E-05		
		0.7860E+01	0.2050E-05		
		0.8145E+01	0.2057E-05		
		0.8429E+01	0.2061E-05		
		0.8714E+01	0.2063E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1176E+03	0.0000E+00
		0.1500E-02	-0.2193E-03		
		0.3063E+00	-0.1943E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1395E-03		
		0.1211E+01	-0.1179E-03		
		0.1505E+01	-0.9782E-04		
		0.1800E+01	-0.7967E-04		
		0.3820E+01	-0.1187E-04		
		0.5840E+01	-0.7153E-06		
		0.7860E+01	0.1209E-05		
		0.8145E+01	0.1213E-05		
		0.8429E+01	0.1216E-05		
		0.8714E+01	0.1217E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1205E+03	0.0000E+00
		0.1500E-02	-0.1004E-01		
		0.3063E+00	-0.8113E-02		
		0.6111E+00	-0.6453E-02		
		0.9159E+00	-0.5016E-02		
		0.1211E+01	-0.4027E-02		
		0.1505E+01	-0.3200E-02		
		0.1800E+01	-0.2515E-02		
		0.3820E+01	-0.3351E-03		
		0.5840E+01	-0.2074E-04		
		0.7860E+01	0.8686E-05		
		0.8145E+01	0.8714E-05		
		0.8429E+01	0.8732E-05		
		0.8714E+01	0.8738E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1205E+03	0.0000E+00
		0.1500E-02	-0.5704E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3683E-02		
		0.9159E+00	-0.2869E-02		
		0.1211E+01	-0.2307E-02		
		0.1505E+01	-0.1836E-02		
		0.1800E+01	-0.1445E-02		
		0.3820E+01	-0.1937E-03		
		0.5840E+01	-0.1203E-04		
		0.7860E+01	0.5422E-05		
		0.8145E+01	0.5440E-05		
		0.8429E+01	0.5451E-05		
		0.8714E+01	0.5455E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1205E+03	0.0000E+00
		0.1500E-02	-0.2563E-02		
		0.3063E+00	-0.2087E-02		
		0.6111E+00	-0.1671E-02		
		0.9159E+00	-0.1308E-02		
		0.1211E+01	-0.1055E-02		
		0.1505E+01	-0.8427E-03		
		0.1800E+01	-0.6651E-03		
		0.3820E+01	-0.9040E-04		
		0.5840E+01	-0.5647E-05		
		0.7860E+01	0.3332E-05		

		0.8145E+01	0.3343E-05		
		0.8429E+01	0.3350E-05		
		0.8714E+01	0.3352E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1205E+03	0.0000E+00
		0.1500E-02	-0.2196E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1685E-03		
		0.9159E+00	-0.1412E-03		
		0.1211E+01	-0.1199E-03		
		0.1505E+01	-0.9993E-04		
		0.1800E+01	-0.8185E-04		
		0.3820E+01	-0.1294E-04		
		0.5840E+01	-0.8561E-06		
		0.7860E+01	0.2015E-05		
		0.8145E+01	0.2022E-05		
		0.8429E+01	0.2026E-05		
		0.8714E+01	0.2027E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1227E+03	0.0000E+00
		0.1500E-02	-0.1004E-01		
		0.3063E+00	-0.8125E-02		
		0.6111E+00	-0.6474E-02		
		0.9159E+00	-0.5044E-02		
		0.1211E+01	-0.4059E-02		
		0.1505E+01	-0.3235E-02		
		0.1800E+01	-0.2551E-02		
		0.3820E+01	-0.3538E-03		
		0.5840E+01	-0.2346E-04		
		0.7860E+01	0.1205E-04		
		0.8145E+01	0.1209E-04		
		0.8429E+01	0.1211E-04		
		0.8714E+01	0.1212E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1227E+03	0.0000E+00
		0.1500E-02	-0.5707E-02		
		0.3063E+00	-0.4629E-02		
		0.6111E+00	-0.3696E-02		
		0.9159E+00	-0.2885E-02		
		0.1211E+01	-0.2326E-02		
		0.1505E+01	-0.1857E-02		
		0.1800E+01	-0.1466E-02		
		0.3820E+01	-0.2046E-03		
		0.5840E+01	-0.1362E-04		
		0.7860E+01	0.7657E-05		
		0.8145E+01	0.7681E-05		
		0.8429E+01	0.7696E-05		
		0.8714E+01	0.7702E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1227E+03	0.0000E+00
		0.1500E-02	-0.2564E-02		
		0.3063E+00	-0.2090E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1315E-02		
		0.1211E+01	-0.1064E-02		
		0.1505E+01	-0.8524E-03		

		0.1800E+01	-0.6752E-03		
		0.3820E+01	-0.9556E-04		
		0.5840E+01	-0.6398E-05		
		0.7860E+01	0.4791E-05		
		0.8145E+01	0.4806E-05		
		0.8429E+01	0.4816E-05		
		0.8714E+01	0.4819E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1227E+03	0.0000E+00
		0.1500E-02	-0.2198E-03		
		0.3063E+00	-0.1957E-03		
		0.6111E+00	-0.1694E-03		
		0.9159E+00	-0.1425E-03		
		0.1211E+01	-0.1213E-03		
		0.1505E+01	-0.1015E-03		
		0.1800E+01	-0.8352E-04		
		0.3820E+01	-0.1380E-04		
		0.5840E+01	-0.9773E-06		
		0.7860E+01	0.2952E-05		
		0.8145E+01	0.2962E-05		
		0.8429E+01	0.2968E-05		
		0.8714E+01	0.2970E-05		

N O T I C E

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*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -       10:12:57            *
*           EXECUTION TIME    0: 1: 2            *
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Summary of Results - Sensitivity Analysis (Lower Radnor Till Sand)
Clinton Landfill No. 3 (CWU)
Clinton, Illinois

Sensitivity Analysis Run Number	Layer	Input Parameter Varied from Baseline	Justification	Baseline Value	Prediction Factor at the Zone of Attenuation*	Sensitivity Satisfactory?	File Name**
1	High Density Polyethylene Geomembrane (HDPE)	Coef. Hydro. Disp = 3.75E-05 m^2/yr	Increase by 25%	3.0E-05 m^2/yr	3.28E-06	Yes	CLR1
2	High Density Polyethylene Geomembrane (HDPE)	Coef. Hydro. Disp = 2.25E-05 m^2/yr	Decrease by 25%	3.0E-05 m^2/yr	2.78E-06	Yes	CLR2
3	3-Foot Recompacted Cohesive Soil Liner	Coef. Hydro. Disp = 0.01975 m^2/yr	Increase by 25%	0.0158 m^2/yr	3.93E-06	Yes	CLR3
4	3-Foot Recompacted Cohesive Soil Liner	Coef. Hydro. Disp = 0.01185 m^2/yr	Decrease by 25%	0.0158 m^2/yr	2.12E-06	Yes	CLR4
5	3-Foot Recompacted Cohesive Soil Liner	Estimated Effective Porosity = 0.28	Site Maximum	0.24	3.12E-06	Yes	CLR5
6	3-Foot Recompacted Cohesive Soil Liner	Estimated Effective Porosity = 0.20	Site Minimum	0.24	2.97E-06	Yes	CLR6
7	Compacted Clay Fill	Coef. Hydro. Disp = 0.01975 m^2/yr	Increase by 25%	0.0158 m^2/yr	3.82E-06	Yes	CLR7
8	Compacted Clay Fill	Coef. Hydro. Disp = 0.01185 m^2/yr	Decrease by 25%	0.0158 m^2/yr	2.20E-06	Yes	CLR8
9	Compacted Clay Fill	Estimated Effective Porosity = 0.28	Site Maximum	0.24	3.04E-06	Yes	CLR9
10	Compacted Clay Fill	Estimated Effective Porosity = 0.20	Site Minimum	0.24	3.07E-06	Yes	CLR10
11	Compacted Clay Fill	Thickness = 0.0 m	Site Minimum	Thickness = 0.8839 m	2.41E-05	Yes	CLR11
12	Berry Clay/Radnor Till	Coef. Hydro. Disp = 0.01975 m^2/yr	Increase by 25%	0.0158 m^2/yr	1.31E-05	Yes	CLR12
13	Berry Clay/Radnor Till	Coef. Hydro. Disp = 0.01185 m^2/yr	Decrease by 25%	0.0158 m^2/yr	3.07E-07	Yes	CLR13
14	Berry Clay/Radnor Till	Estimated Effective Porosity = 0.31	Site Maximum	0.24	2.61E-06	Yes	CLR14
15	Berry Clay/Radnor Till	Estimated Effective Porosity = 0.15	Site Minimum	0.24	3.71E-06	Yes	CLR15
16	Berry Clay/Radnor Till	Thickness = 4.88 m	Site Minimum	Thickness = 6.06 m	4.62E-05	Yes	CLR16
17	Lower Radnor Till Sand	Estimated Effective Porosity = 0.52	Site Maximum	0.38	1.66E-06	Yes	CLR17
18	Lower Radnor Till Sand	Estimated Effective Porosity = 0.24	Site Minimum	0.38	7.49E-06	Yes	CLR18
19	Lower Radnor Till Sand	Maximum Gradient = 0.00906	Site Maximum	Site Average = 0.00892	3.19E-06	Yes	CLR19
20	Lower Radnor Till Sand	Minimum Gradient = 0.00882	Site Minimum	Site Average = 0.00892	2.95E-06	Yes	CLR20
21	Lower Radnor Till Sand	Maximum Horizontal Hydraulic Conductivity = 4.32E-03 cm/sec	Site Maximum	Geometric Mean = 2.21E-04 cm/sec	3.85E-05	Yes	CLR21
22	Lower Radnor Till Sand	Minimum Horizontal Hydraulic Conductivity = 1.02E-05 cm/sec	Site Minimum	Geometric Mean = 2.21E-04 cm/sec	1.30E-08	Yes	CLR22
23	Lower Radnor Till Sand	Thickness = 0.061 m	Site Minimum	Thickness = 0.8543 m	5.86E-08	Yes	CLR23
24	All Layers	Darcy Velocity = 3.08E-3 m/yr	Increased by Order of Magnitude	3.08E-4 m/yr	5.07E-05	Yes	CLR24
25	All Layers	Darcy Velocity = 3.08E-5 m/yr	Decreased by Order of Magnitude	3.08E-4 m/yr	2.27E-06	Yes	CLR25

* **The prediction factor is the value obtained at the zone of attenuation after 134 years for the respective sensitivity run. Sensitivity run was satisfactory for selected constituents.**

** **Input and Output Files are Saved with the Same File Root Name but with Different Extensions, .in was used for Input Files, .ou was used for output files.**

Summary of Results - Sensitivity Analysis (Organic Soil)
Clinton Landfill No. 3 (CWU)
Clinton, Illinois

Sensitivity Analysis Run Number	Layer	Input Parameter Varied from Baseline	Justification	Baseline Value	Prediction Factor at the Zone of Attenuation*	Sensitivity Satisfactory?	File Name**
26	High Density Polyethylene Geomembrane (HDPE)	Coef. Hydro. Disp = 3.75E-05 m^2/yr	Increase by 25%	3.0E-05 m^2/yr	1.09E-12	Yes	COS1
27	High Density Polyethylene Geomembrane (HDPE)	Coef. Hydro. Disp = 2.25E-05 m^2/yr	Decrease by 25%	3.0E-05 m^2/yr	9.25E-13	Yes	COS2
28	3-Foot Recompacted Cohesive Soil Liner	Coef. Hydro. Disp = 0.01975 m^2/yr	Increase by 25%	0.0158 m^2/yr	1.30E-12	Yes	COS3
29	3-Foot Recompacted Cohesive Soil Liner	Coef. Hydro. Disp = 0.01185 m^2/yr	Decrease by 25%	0.0158 m^2/yr	7.10E-13	Yes	COS4
30	3-Foot Recompacted Cohesive Soil Liner	Estimated Effective Porosity = 0.28	Site Maximum	0.24	1.04E-12	Yes	COS5
31	3-Foot Recompacted Cohesive Soil Liner	Estimated Effective Porosity = 0.20	Site Minimum	0.24	9.90E-13	Yes	COS6
32	Compacted Clay Fill	Coef. Hydro. Disp = 0.01975 m^2/yr	Increase by 25%	0.0158 m^2/yr	1.26E-12	Yes	COS7
33	Compacted Clay Fill	Coef. Hydro. Disp = 0.01185 m^2/yr	Decrease by 25%	0.0158 m^2/yr	7.34E-13	Yes	COS8
34	Compacted Clay Fill	Estimated Effective Porosity = 0.28	Site Maximum	0.24	1.01E-12	Yes	COS9
35	Compacted Clay Fill	Estimated Effective Porosity = 0.20	Site Minimum	0.24	1.02E-12	Yes	COS10
36	Compacted Clay Fill	Thickness = 0.0 m	Site Minimum	Thickness = 0.8839 m	2.85E-10	Yes	COS11
37	Berry Clay/Radnor Till	Coef. Hydro. Disp = 0.01975 m^2/yr	Increase by 25%	0.0158 m^2/yr	4.09E-12	Yes	COS12
38	Berry Clay/Radnor Till	Coef. Hydro. Disp = 0.01185 m^2/yr	Decrease by 25%	0.0158 m^2/yr	9.61E-14	Yes	COS13
39	Berry Clay/Radnor Till	Estimated Effective Porosity = 0.31	Site Maximum	0.24	1.07E-12	Yes	COS14
40	Berry Clay/Radnor Till	Estimated Effective Porosity = 0.15	Site Minimum	0.24	8.40E-13	Yes	COS15
41	Berry Clay/Radnor Till	Thickness = 4.88 m	Site Minimum	Thickness = 6.06 m	1.13E-11	Yes	COS16
42	Organic Soil	Estimated Effective Porosity = 0.56	Site Maximum	0.40	8.25E-13	Yes	COS17
43	Organic Soil	Estimated Effective Porosity = 0.25	Site Minimum	0.40	1.49E-12	Yes	COS18
44	Organic Soil	Maximum Gradient = 0.00676	Site Maximum	Site Average = 0.00628	1.07E-12	Yes	COS19
45	Organic Soil	Minimum Gradient = 0.00583	Site Minimum	Site Average = 0.00628	1.05E-12	Yes	COS20
46	Organic Soil	Maximum Horizontal Hydraulic Conductivity = 2.66E-03 cm/sec	Site Maximum	Geometric Mean = 2.60E-05 cm/sec	3.06E-05	Yes	COS21
47	Organic Soil	Minimum Horizontal Hydraulic Conductivity = 5.70E-07 cm/sec	Site Minimum	Geometric Mean = 2.60E-05 cm/sec	2.85E-12	Yes	COS22
48	Organic Soil	Thickness = 0.183 m	Site Minimum	Thickness = 1.042 m	2.78E-12	Yes	COS23
49	All Layers	Darcy Velocity = 3.08E-3 m/yr	Increased by Order of Magnitude	3.08E-4 m/yr	1.37E-11	Yes	COS24
50	All Layers	Darcy Velocity = 3.08E-5 m/yr	Decreased by Order of Magnitude	3.08E-4 m/yr	7.67E-13	Yes	COS25

* **The prediction factor is the value obtained at the zone of attenuation after 134 years for the respective sensitivity run. Sensitivity run was satisfactory for selected constituents.**

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CLR1

HDPE
Coef. of Hydro. Disp. = 3.75E-05 m^2/yr
(Increased by 25%)

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*                                                       *
*                    M I G R A T E v 9                  *
*                                                       *
*                      VERSION 9.0.7                    *
*                                                       *
*                   REVISION - 4/16/1996                *
*                                                       *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996     *
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*                RUN DATE -   15-11- 8                  *
*                TIME     -    9:40: 1                  *
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*************************************************************************
 Clinton LF No. 3 (CWU) CLR1 (HDPE 3.75e-5)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
========================

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.375E-04	.375E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1897E+02	0.0000E+00
		0.1500E-02	-0.8078E-02		
		0.3063E+00	-0.3104E-02		
		0.6111E+00	-0.7645E-03		
		0.9159E+00	-0.1153E-03		
		0.1211E+01	-0.1132E-04		
		0.1505E+01	-0.6720E-06		
		0.1800E+01	-0.2388E-07		
		0.3820E+01	-0.9329E-18		
		0.5840E+01	-0.2588E-23		
		0.7860E+01	0.9489E-34		
		0.8145E+01	-0.1698E-34		
		0.8429E+01	-0.5676E-34		
		0.8714E+01	-0.6611E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1897E+02	0.0000E+00
		0.1500E-02	-0.4587E-02		
		0.3063E+00	-0.1763E-02		
		0.6111E+00	-0.4344E-03		
		0.9159E+00	-0.6553E-04		
		0.1211E+01	-0.6430E-05		

		0.1505E+01	-0.3819E-06		
		0.1800E+01	-0.1357E-07		
		0.3820E+01	-0.5193E-18		
		0.5840E+01	-0.1474E-23		
		0.7860E+01	0.5346E-35		
		0.8145E+01	-0.5452E-34		
		0.8429E+01	-0.7520E-34		
		0.8714E+01	-0.7990E-34		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1897E+02	0.0000E+00
		0.1500E-02	-0.2057E-02		
		0.3063E+00	-0.7912E-03		
		0.6111E+00	-0.1950E-03		
		0.9159E+00	-0.2943E-04		
		0.1211E+01	-0.2888E-05		
		0.1505E+01	-0.1715E-06		
		0.1800E+01	-0.6095E-08		
		0.3820E+01	-0.2216E-18		
		0.5840E+01	-0.6655E-24		
		0.7860E+01	-0.1777E-34		
		0.8145E+01	-0.4295E-34		
		0.8429E+01	-0.5158E-34		
		0.8714E+01	-0.5349E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1897E+02	0.0000E+00
		0.1500E-02	-0.1697E-03		
		0.3063E+00	-0.6626E-04		
		0.6111E+00	-0.1646E-04		
		0.9159E+00	-0.2495E-05		
		0.1211E+01	-0.2454E-06		
		0.1505E+01	-0.1460E-07		
		0.1800E+01	-0.5194E-09		
		0.3820E+01	-0.6655E-21		
		0.5840E+01	-0.6227E-25		
		0.7860E+01	-0.3268E-34		
		0.8145E+01	-0.3196E-34		
		0.8429E+01	-0.3155E-34		
		0.8714E+01	-0.3138E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2996E+02	0.0000E+00
		0.1500E-02	-0.8830E-02		
		0.3063E+00	-0.4767E-02		
		0.6111E+00	-0.2082E-02		
		0.9159E+00	-0.7200E-03		
		0.1211E+01	-0.2039E-03		
		0.1505E+01	-0.4534E-04		
		0.1800E+01	-0.7868E-05		
		0.3820E+01	-0.4252E-13		
		0.5840E+01	0.1517E-17		
		0.7860E+01	-0.6916E-25		
		0.8145E+01	0.2372E-24		
		0.8429E+01	0.3918E-24		
		0.8714E+01	0.4388E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2996E+02	0.0000E+00
		0.1500E-02	-0.5015E-02		

		0.3063E+00	-0.2709E-02		
		0.6111E+00	-0.1183E-02		
		0.9159E+00	-0.4094E-03		
		0.1211E+01	-0.1159E-03		
		0.1505E+01	-0.2579E-04		
		0.1800E+01	-0.4475E-05		
		0.3820E+01	-0.2419E-13		
		0.5840E+01	0.8619E-18		
		0.7860E+01	-0.3974E-24		
		0.8145E+01	-0.2210E-24		
		0.8429E+01	-0.1305E-24		
		0.8714E+01	-0.1027E-24		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2996E+02	0.0000E+00
		0.1500E-02	-0.2249E-02		
		0.3063E+00	-0.1216E-02		
		0.6111E+00	-0.5318E-03		
		0.9159E+00	-0.1841E-03		
		0.1211E+01	-0.5214E-04		
		0.1505E+01	-0.1160E-04		
		0.1800E+01	-0.2014E-05		
		0.3820E+01	-0.1090E-13		
		0.5840E+01	0.3872E-18		
		0.7860E+01	-0.2735E-24		
		0.8145E+01	-0.1914E-24		
		0.8429E+01	-0.1476E-24		
		0.8714E+01	-0.1339E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2996E+02	0.0000E+00
		0.1500E-02	-0.1864E-03		
		0.3063E+00	-0.1033E-03		
		0.6111E+00	-0.4583E-04		
		0.9159E+00	-0.1602E-04		
		0.1211E+01	-0.4564E-05		
		0.1505E+01	-0.1020E-05		
		0.1800E+01	-0.1775E-06		
		0.3820E+01	-0.9770E-15		
		0.5840E+01	0.3322E-19		
		0.7860E+01	-0.7082E-25		
		0.8145E+01	-0.5817E-25		
		0.8429E+01	-0.4881E-25		
		0.8714E+01	-0.4548E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3872E+02	0.0000E+00
		0.1500E-02	-0.9183E-02		
		0.3063E+00	-0.5656E-02		
		0.6111E+00	-0.3041E-02		
		0.9159E+00	-0.1408E-02		
		0.1211E+01	-0.5743E-03		
		0.1505E+01	-0.2004E-03		
		0.1800E+01	-0.5954E-04		
		0.3820E+01	-0.1500E-09		
		0.5840E+01	0.1489E-15		
		0.7860E+01	-0.2445E-19		
		0.8145E+01	-0.2351E-19		
		0.8429E+01	-0.2307E-19		

		0.8714E+01	-0.2294E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3872E+02	0.0000E+00
		0.1500E-02	-0.5216E-02		
		0.3063E+00	-0.3215E-02		
		0.6111E+00	-0.1729E-02		
		0.9159E+00	-0.8007E-03		
		0.1211E+01	-0.3268E-03		
		0.1505E+01	-0.1141E-03		
		0.1800E+01	-0.3389E-04		
		0.3820E+01	-0.8537E-10		
		0.5840E+01	0.8452E-16		
		0.7860E+01	0.6970E-20		
		0.8145E+01	0.7705E-20		
		0.8429E+01	0.8083E-20		
		0.8714E+01	0.8199E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3872E+02	0.0000E+00
		0.1500E-02	-0.2339E-02		
		0.3063E+00	-0.1444E-02		
		0.6111E+00	-0.7779E-03		
		0.9159E+00	-0.3605E-03		
		0.1211E+01	-0.1472E-03		
		0.1505E+01	-0.5140E-04		
		0.1800E+01	-0.1527E-04		
		0.3820E+01	-0.3851E-10		
		0.5840E+01	0.3785E-16		
		0.7860E+01	0.5273E-20		
		0.8145E+01	0.5651E-20		
		0.8429E+01	0.5855E-20		
		0.8714E+01	0.5920E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3872E+02	0.0000E+00
		0.1500E-02	-0.1946E-03		
		0.3063E+00	-0.1240E-03		
		0.6111E+00	-0.6816E-04		
		0.9159E+00	-0.3203E-04		
		0.1211E+01	-0.1321E-04		
		0.1505E+01	-0.4643E-05		
		0.1800E+01	-0.1387E-05		
		0.3820E+01	-0.3545E-11		
		0.5840E+01	0.3056E-17		
		0.7860E+01	0.2061E-20		
		0.8145E+01	0.2128E-20		
		0.8429E+01	0.2177E-20		
		0.8714E+01	0.2194E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4625E+02	0.0000E+00
		0.1500E-02	-0.9394E-02		
		0.3063E+00	-0.6220E-02		
		0.6111E+00	-0.3732E-02		
		0.9159E+00	-0.2009E-02		
		0.1211E+01	-0.9881E-03		
		0.1505E+01	-0.4337E-03		
		0.1800E+01	-0.1691E-03		
		0.3820E+01	-0.9096E-08		

		0.5840E+01	-0.2630E-14		
		0.7860E+01	0.1233E-16		
		0.8145E+01	0.1244E-16		
		0.8429E+01	0.1250E-16		
		0.8714E+01	0.1253E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4625E+02	0.0000E+00
		0.1500E-02	-0.5336E-02		
		0.3063E+00	-0.3536E-02		
		0.6111E+00	-0.2123E-02		
		0.9159E+00	-0.1143E-02		
		0.1211E+01	-0.5625E-03		
		0.1505E+01	-0.2470E-03		
		0.1800E+01	-0.9633E-04		
		0.3820E+01	-0.5183E-08		
		0.5840E+01	-0.1501E-14		
		0.7860E+01	0.1940E-17		
		0.8145E+01	0.1993E-17		
		0.8429E+01	0.2022E-17		
		0.8714E+01	0.2032E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4625E+02	0.0000E+00
		0.1500E-02	-0.2394E-02		
		0.3063E+00	-0.1590E-02		
		0.6111E+00	-0.9557E-03		
		0.9159E+00	-0.5151E-03		
		0.1211E+01	-0.2537E-03		
		0.1505E+01	-0.1114E-03		
		0.1800E+01	-0.4349E-04		
		0.3820E+01	-0.2343E-08		
		0.5840E+01	-0.6808E-15		
		0.7860E+01	-0.1450E-17		
		0.8145E+01	-0.1438E-17		
		0.8429E+01	-0.1432E-17		
		0.8714E+01	-0.1430E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4625E+02	0.0000E+00
		0.1500E-02	-0.1997E-03		
		0.3063E+00	-0.1376E-03		
		0.6111E+00	-0.8492E-04		
		0.9159E+00	-0.4662E-04		
		0.1211E+01	-0.2326E-04		
		0.1505E+01	-0.1031E-04		
		0.1800E+01	-0.4053E-05		
		0.3820E+01	-0.2229E-09		
		0.5840E+01	-0.6868E-16		
		0.7860E+01	-0.1205E-17		
		0.8145E+01	-0.1209E-17		
		0.8429E+01	-0.1211E-17		
		0.8714E+01	-0.1212E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5297E+02	0.0000E+00
		0.1500E-02	-0.9538E-02		
		0.3063E+00	-0.6613E-02		
		0.6111E+00	-0.4248E-02		
		0.9159E+00	-0.2509E-02		

		0.1211E+01	-0.1384E-02		
		0.1505E+01	-0.6981E-03		
		0.1800E+01	-0.3211E-03		
		0.3820E+01	-0.1093E-06		
		0.5840E+01	-0.2756E-12		
		0.7860E+01	-0.3413E-15		
		0.8145E+01	-0.3434E-15		
		0.8429E+01	-0.3446E-15		
		0.8714E+01	-0.3450E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5297E+02	0.0000E+00
		0.1500E-02	-0.5418E-02		
		0.3063E+00	-0.3760E-02		
		0.6111E+00	-0.2417E-02		
		0.9159E+00	-0.1428E-02		
		0.1211E+01	-0.7881E-03		
		0.1505E+01	-0.3977E-03		
		0.1800E+01	-0.1830E-03		
		0.3820E+01	-0.6231E-07		
		0.5840E+01	-0.1572E-12		
		0.7860E+01	-0.9770E-16		
		0.8145E+01	-0.9917E-16		
		0.8429E+01	-0.1000E-15		
		0.8714E+01	-0.1003E-15		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5297E+02	0.0000E+00
		0.1500E-02	-0.2431E-02		
		0.3063E+00	-0.1691E-02		
		0.6111E+00	-0.1089E-02		
		0.9159E+00	-0.6443E-03		
		0.1211E+01	-0.3558E-03		
		0.1505E+01	-0.1797E-03		
		0.1800E+01	-0.8272E-04		
		0.3820E+01	-0.2822E-07		
		0.5840E+01	-0.7123E-13		
		0.7860E+01	0.4042E-16		
		0.8145E+01	0.3998E-16		
		0.8429E+01	0.3973E-16		
		0.8714E+01	0.3965E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5297E+02	0.0000E+00
		0.1500E-02	-0.2034E-03		
		0.3063E+00	-0.1476E-03		
		0.6111E+00	-0.9796E-04		
		0.9159E+00	-0.5926E-04		
		0.1211E+01	-0.3325E-04		
		0.1505E+01	-0.1700E-04		
		0.1800E+01	-0.7895E-05		
		0.3820E+01	-0.2769E-08		
		0.5840E+01	-0.7039E-14		
		0.7860E+01	0.5594E-16		
		0.8145E+01	0.5606E-16		
		0.8429E+01	0.5614E-16		
		0.8714E+01	0.5616E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5910E+02	0.0000E+00

		0.1500E-02	-0.9642E-02		
		0.3063E+00	-0.6904E-02		
		0.6111E+00	-0.4648E-02		
		0.9159E+00	-0.2924E-02		
		0.1211E+01	-0.1742E-02		
		0.1505E+01	-0.9652E-03		
		0.1800E+01	-0.4959E-03		
		0.3820E+01	-0.5799E-06		
		0.5840E+01	-0.1200E-10		
		0.7860E+01	0.2706E-14		
		0.8145E+01	0.2722E-14		
		0.8429E+01	0.2732E-14		
		0.8714E+01	0.2736E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5910E+02	0.0000E+00
		0.1500E-02	-0.5477E-02		
		0.3063E+00	-0.3926E-02		
		0.6111E+00	-0.2646E-02		
		0.9159E+00	-0.1665E-02		
		0.1211E+01	-0.9925E-03		
		0.1505E+01	-0.5502E-03		
		0.1800E+01	-0.2828E-03		
		0.3820E+01	-0.3310E-06		
		0.5840E+01	-0.6849E-11		
		0.7860E+01	0.3014E-15		
		0.8145E+01	0.3120E-15		
		0.8429E+01	0.3182E-15		
		0.8714E+01	0.3202E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5910E+02	0.0000E+00
		0.1500E-02	-0.2458E-02		
		0.3063E+00	-0.1766E-02		
		0.6111E+00	-0.1193E-02		
		0.9159E+00	-0.7517E-03		
		0.1211E+01	-0.4486E-03		
		0.1505E+01	-0.2489E-03		
		0.1800E+01	-0.1280E-03		
		0.3820E+01	-0.1502E-06		
		0.5840E+01	-0.3109E-11		
		0.7860E+01	-0.8868E-15		
		0.8145E+01	-0.8851E-15		
		0.8429E+01	-0.8842E-15		
		0.8714E+01	-0.8840E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5910E+02	0.0000E+00
		0.1500E-02	-0.2061E-03		
		0.3063E+00	-0.1552E-03		
		0.6111E+00	-0.1084E-03		
		0.9159E+00	-0.7013E-04		
		0.1211E+01	-0.4264E-04		
		0.1505E+01	-0.2400E-04		
		0.1800E+01	-0.1248E-04		
		0.3820E+01	-0.1517E-07		
		0.5840E+01	-0.3172E-12		
		0.7860E+01	-0.8209E-15		
		0.8145E+01	-0.8237E-15		
		0.8429E+01	-0.8253E-15		
		0.8714E+01	-0.8260E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6478E+02	0.0000E+00
		0.1500E-02	-0.9721E-02		
		0.3063E+00	-0.7128E-02		
		0.6111E+00	-0.4966E-02		
		0.9159E+00	-0.3269E-02		
		0.1211E+01	-0.2059E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.6792E-03		
		0.3820E+01	-0.1922E-05		
		0.5840E+01	-0.1760E-09		
		0.7860E+01	-0.2924E-14		
		0.8145E+01	-0.2980E-14		
		0.8429E+01	-0.3014E-14		
		0.8714E+01	-0.3026E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6478E+02	0.0000E+00
		0.1500E-02	-0.5523E-02		
		0.3063E+00	-0.4054E-02		
		0.6111E+00	-0.2827E-02		
		0.9159E+00	-0.1863E-02		
		0.1211E+01	-0.1174E-02		
		0.1505E+01	-0.6962E-03		
		0.1800E+01	-0.3875E-03		
		0.3820E+01	-0.1098E-05		
		0.5840E+01	-0.1006E-09		
		0.7860E+01	0.6913E-14		
		0.8145E+01	0.6904E-14		
		0.8429E+01	0.6898E-14		
		0.8714E+01	0.6897E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6478E+02	0.0000E+00
		0.1500E-02	-0.2479E-02		
		0.3063E+00	-0.1825E-02		
		0.6111E+00	-0.1275E-02		
		0.9159E+00	-0.8416E-03		
		0.1211E+01	-0.5311E-03		
		0.1505E+01	-0.3153E-03		
		0.1800E+01	-0.1756E-03		
		0.3820E+01	-0.4991E-06		
		0.5840E+01	-0.4574E-10		
		0.7860E+01	0.7807E-14		
		0.8145E+01	0.7830E-14		
		0.8429E+01	0.7845E-14		
		0.8714E+01	0.7850E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6478E+02	0.0000E+00
		0.1500E-02	-0.2082E-03		
		0.3063E+00	-0.1613E-03		
		0.6111E+00	-0.1171E-03		
		0.9159E+00	-0.7954E-04		
		0.1211E+01	-0.5128E-04		
		0.1505E+01	-0.3096E-04		
		0.1800E+01	-0.1747E-04		
		0.3820E+01	-0.5180E-07		
		0.5840E+01	-0.4808E-11		
		0.7860E+01	0.3700E-14		
		0.8145E+01	0.3726E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.3742E-14		
		0.8714E+01	0.3748E-14		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7010E+02	0.0000E+00
		0.1500E-02	-0.9783E-02		
		0.3063E+00	-0.7306E-02		
		0.6111E+00	-0.5225E-02		
		0.9159E+00	-0.3561E-02		
		0.1211E+01	-0.2339E-02		
		0.1505E+01	-0.1459E-02		
		0.1800E+01	-0.8618E-03		
		0.3820E+01	-0.4740E-05		
		0.5840E+01	-0.1326E-08		
		0.7860E+01	-0.4167E-13		
		0.8145E+01	-0.4145E-13		
		0.8429E+01	-0.4135E-13		
		0.8714E+01	-0.4132E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7010E+02	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4156E-02		
		0.6111E+00	-0.2975E-02		
		0.9159E+00	-0.2029E-02		
		0.1211E+01	-0.1334E-02		
		0.1505E+01	-0.8324E-03		
		0.1800E+01	-0.4919E-03		
		0.3820E+01	-0.2710E-05		
		0.5840E+01	-0.7584E-09		
		0.7860E+01	-0.3703E-13		
		0.8145E+01	-0.3704E-13		
		0.8429E+01	-0.3706E-13		
		0.8714E+01	-0.3707E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7010E+02	0.0000E+00
		0.1500E-02	-0.2495E-02		
		0.3063E+00	-0.1871E-02		
		0.6111E+00	-0.1343E-02		
		0.9159E+00	-0.9175E-03		
		0.1211E+01	-0.6040E-03		
		0.1505E+01	-0.3774E-03		
		0.1800E+01	-0.2232E-03		
		0.3820E+01	-0.1234E-05		
		0.5840E+01	-0.3457E-09		
		0.7860E+01	-0.1271E-13		
		0.8145E+01	-0.1278E-13		
		0.8429E+01	-0.1284E-13		
		0.8714E+01	-0.1285E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7010E+02	0.0000E+00
		0.1500E-02	-0.2100E-03		
		0.3063E+00	-0.1663E-03		
		0.6111E+00	-0.1244E-03		
		0.9159E+00	-0.8775E-04		
		0.1211E+01	-0.5916E-04		
		0.1505E+01	-0.3767E-04		
		0.1800E+01	-0.2262E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.1314E-06		
		0.5840E+01	-0.3738E-10		
		0.7860E+01	0.8426E-14		
		0.8145E+01	0.8377E-14		
		0.8429E+01	0.8349E-14		
		0.8714E+01	0.8340E-14		
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7513E+02	0.0000E+00
		0.1500E-02	-0.9834E-02		
		0.3063E+00	-0.7451E-02		
		0.6111E+00	-0.5439E-02		
		0.9159E+00	-0.3809E-02		
		0.1211E+01	-0.2585E-02		
		0.1505E+01	-0.1678E-02		
		0.1800E+01	-0.1038E-02		
		0.3820E+01	-0.9582E-05		
		0.5840E+01	-0.6397E-08		
		0.7860E+01	0.8588E-13		
		0.8145E+01	0.9000E-13		
		0.8429E+01	0.9213E-13		
		0.8714E+01	0.9279E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7513E+02	0.0000E+00
		0.1500E-02	-0.5587E-02		
		0.3063E+00	-0.4239E-02		
		0.6111E+00	-0.3098E-02		
		0.9159E+00	-0.2171E-02		
		0.1211E+01	-0.1475E-02		
		0.1505E+01	-0.9577E-03		
		0.1800E+01	-0.5931E-03		
		0.3820E+01	-0.5481E-05		
		0.5840E+01	-0.3662E-08		
		0.7860E+01	-0.2060E-13		
		0.8145E+01	-0.1824E-13		
		0.8429E+01	-0.1702E-13		
		0.8714E+01	-0.1665E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7513E+02	0.0000E+00
		0.1500E-02	-0.2508E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1399E-02		
		0.9159E+00	-0.9823E-03		
		0.1211E+01	-0.6684E-03		
		0.1505E+01	-0.4346E-03		
		0.1800E+01	-0.2694E-03		
		0.3820E+01	-0.2500E-05		
		0.5840E+01	-0.1672E-08		
		0.7860E+01	-0.7277E-13		
		0.8145E+01	-0.7182E-13		
		0.8429E+01	-0.7132E-13		
		0.8714E+01	-0.7117E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7513E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1705E-03		
		0.6111E+00	-0.1306E-03		

		0.9159E+00	-0.9497E-04		
		0.1211E+01	-0.6634E-04		
		0.1505E+01	-0.4405E-04		
		0.1800E+01	-0.2777E-04		
		0.3820E+01	-0.2727E-06		
		0.5840E+01	-0.1857E-09		
		0.7860E+01	-0.6696E-13		
		0.8145E+01	-0.6702E-13		
		0.8429E+01	-0.6704E-13		
		0.8714E+01	-0.6705E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7990E+02	0.0000E+00
		0.1500E-02	-0.9875E-02		
		0.3063E+00	-0.7571E-02		
		0.6111E+00	-0.5619E-02		
		0.9159E+00	-0.4021E-02		
		0.1211E+01	-0.2803E-02		
		0.1505E+01	-0.1878E-02		
		0.1800E+01	-0.1206E-02		
		0.3820E+01	-0.1684E-04		
		0.5840E+01	-0.2255E-07		
		0.7860E+01	0.6151E-12		
		0.8145E+01	0.6476E-12		
		0.8429E+01	0.6641E-12		
		0.8714E+01	0.6692E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7990E+02	0.0000E+00
		0.1500E-02	-0.5611E-02		
		0.3063E+00	-0.4308E-02		
		0.6111E+00	-0.3201E-02		
		0.9159E+00	-0.2293E-02		
		0.1211E+01	-0.1599E-02		
		0.1505E+01	-0.1072E-02		
		0.1800E+01	-0.6893E-03		
		0.3820E+01	-0.9641E-05		
		0.5840E+01	-0.1292E-07		
		0.7860E+01	0.2758E-12		
		0.8145E+01	0.2941E-12		
		0.8429E+01	0.3035E-12		
		0.8714E+01	0.3065E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7990E+02	0.0000E+00
		0.1500E-02	-0.2519E-02		
		0.3063E+00	-0.1940E-02		
		0.6111E+00	-0.1446E-02		
		0.9159E+00	-0.1038E-02		
		0.1211E+01	-0.7254E-03		
		0.1505E+01	-0.4870E-03		
		0.1800E+01	-0.3135E-03		
		0.3820E+01	-0.4404E-05		
		0.5840E+01	-0.5912E-08		
		0.7860E+01	0.9152E-13		
		0.8145E+01	0.1004E-12		
		0.8429E+01	0.1051E-12		
		0.8714E+01	0.1066E-12		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7990E+02	0.0000E+00
		0.1500E-02	-0.2127E-03		
		0.3063E+00	-0.1741E-03		
		0.6111E+00	-0.1360E-03		
		0.9159E+00	-0.1014E-03		
		0.1211E+01	-0.7288E-04		
		0.1505E+01	-0.5006E-04		
		0.1800E+01	-0.3282E-04		
		0.3820E+01	-0.4914E-06		
		0.5840E+01	-0.6735E-09		
		0.7860E+01	-0.4627E-13		
		0.8145E+01	-0.4458E-13		
		0.8429E+01	-0.4341E-13		
		0.8714E+01	-0.4300E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8447E+02	0.0000E+00
		0.1500E-02	-0.9910E-02		
		0.3063E+00	-0.7672E-02		
		0.6111E+00	-0.5772E-02		
		0.9159E+00	-0.4205E-02		
		0.1211E+01	-0.2995E-02		
		0.1505E+01	-0.2059E-02		
		0.1800E+01	-0.1364E-02		
		0.3820E+01	-0.2672E-04		
		0.5840E+01	-0.6326E-07		
		0.7860E+01	0.4786E-11		
		0.8145E+01	0.4986E-11		
		0.8429E+01	0.5089E-11		
		0.8714E+01	0.5121E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8447E+02	0.0000E+00
		0.1500E-02	-0.5631E-02		
		0.3063E+00	-0.4366E-02		
		0.6111E+00	-0.3289E-02		
		0.9159E+00	-0.2398E-02		
		0.1211E+01	-0.1710E-02		
		0.1505E+01	-0.1176E-02		
		0.1800E+01	-0.7798E-03		
		0.3820E+01	-0.1531E-04		
		0.5840E+01	-0.3627E-07		
		0.7860E+01	0.1406E-11		
		0.8145E+01	0.1511E-11		
		0.8429E+01	0.1566E-11		
		0.8714E+01	0.1582E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8447E+02	0.0000E+00
		0.1500E-02	-0.2528E-02		
		0.3063E+00	-0.1967E-02		
		0.6111E+00	-0.1486E-02		
		0.9159E+00	-0.1087E-02		
		0.1211E+01	-0.7760E-03		
		0.1505E+01	-0.5348E-03		
		0.1800E+01	-0.3550E-03		
		0.3820E+01	-0.7005E-05		
		0.5840E+01	-0.1663E-07		
		0.7860E+01	0.6062E-12		

		0.8145E+01	0.6544E-12		
		0.8429E+01	0.6800E-12		
		0.8714E+01	0.6881E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8447E+02	0.0000E+00
		0.1500E-02	-0.2138E-03		
		0.3063E+00	-0.1773E-03		
		0.6111E+00	-0.1408E-03		
		0.9159E+00	-0.1071E-03		
		0.1211E+01	-0.7885E-04		
		0.1505E+01	-0.5570E-04		
		0.1800E+01	-0.3772E-04		
		0.3820E+01	-0.7986E-06		
		0.5840E+01	-0.1941E-08		
		0.7860E+01	0.3480E-12		
		0.8145E+01	0.3567E-12		
		0.8429E+01	0.3628E-12		
		0.8714E+01	0.3649E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8885E+02	0.0000E+00
		0.1500E-02	-0.9939E-02		
		0.3063E+00	-0.7758E-02		
		0.6111E+00	-0.5903E-02		
		0.9159E+00	-0.4365E-02		
		0.1211E+01	-0.3165E-02		
		0.1505E+01	-0.2224E-02		
		0.1800E+01	-0.1511E-02		
		0.3820E+01	-0.3926E-04		
		0.5840E+01	-0.1494E-06		
		0.7860E+01	0.3798E-10		
		0.8145E+01	0.3893E-10		
		0.8429E+01	0.3944E-10		
		0.8714E+01	0.3959E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8885E+02	0.0000E+00
		0.1500E-02	-0.5648E-02		
		0.3063E+00	-0.4415E-02		
		0.6111E+00	-0.3364E-02		
		0.9159E+00	-0.2491E-02		
		0.1211E+01	-0.1808E-02		
		0.1505E+01	-0.1271E-02		
		0.1800E+01	-0.8643E-03		
		0.3820E+01	-0.2251E-04		
		0.5840E+01	-0.8574E-07		
		0.7860E+01	0.1091E-10		
		0.8145E+01	0.1139E-10		
		0.8429E+01	0.1165E-10		
		0.8714E+01	0.1173E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8885E+02	0.0000E+00
		0.1500E-02	-0.2536E-02		
		0.3063E+00	-0.1990E-02		
		0.6111E+00	-0.1521E-02		
		0.9159E+00	-0.1129E-02		
		0.1211E+01	-0.8210E-03		
		0.1505E+01	-0.5784E-03		

		0.1800E+01	-0.3939E-03		
		0.3820E+01	-0.1031E-04		
		0.5840E+01	-0.3937E-07		
		0.7860E+01	0.3180E-11		
		0.8145E+01	0.3394E-11		
		0.8429E+01	0.3509E-11		
		0.8714E+01	0.3545E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8885E+02	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1800E-03		
		0.6111E+00	-0.1450E-03		
		0.9159E+00	-0.1122E-03		
		0.1211E+01	-0.8431E-04		
		0.1505E+01	-0.6098E-04		
		0.1800E+01	-0.4244E-04		
		0.3820E+01	-0.1200E-05		
		0.5840E+01	-0.4704E-08		
		0.7860E+01	0.1336E-11		
		0.8145E+01	0.1372E-11		
		0.8429E+01	0.1397E-11		
		0.8714E+01	0.1406E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9306E+02	0.0000E+00
		0.1500E-02	-0.9965E-02		
		0.3063E+00	-0.7832E-02		
		0.6111E+00	-0.6017E-02		
		0.9159E+00	-0.4506E-02		
		0.1211E+01	-0.3317E-02		
		0.1505E+01	-0.2374E-02		
		0.1800E+01	-0.1648E-02		
		0.3820E+01	-0.5434E-04		
		0.5840E+01	-0.3090E-06		
		0.7860E+01	0.2221E-09		
		0.8145E+01	0.2258E-09		
		0.8429E+01	0.2278E-09		
		0.8714E+01	0.2284E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9306E+02	0.0000E+00
		0.1500E-02	-0.5662E-02		
		0.3063E+00	-0.4458E-02		
		0.6111E+00	-0.3430E-02		
		0.9159E+00	-0.2571E-02		
		0.1211E+01	-0.1895E-02		
		0.1505E+01	-0.1357E-02		
		0.1800E+01	-0.9430E-03		
		0.3820E+01	-0.3117E-04		
		0.5840E+01	-0.1775E-06		
		0.7860E+01	0.7283E-10		
		0.8145E+01	0.7467E-10		
		0.8429E+01	0.7565E-10		
		0.8714E+01	0.7596E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9306E+02	0.0000E+00
		0.1500E-02	-0.2542E-02		
		0.3063E+00	-0.2009E-02		

		0.6111E+00	-0.1551E-02		
		0.9159E+00	-0.1166E-02		
		0.1211E+01	-0.8613E-03		
		0.1505E+01	-0.6180E-03		
		0.1800E+01	-0.4301E-03		
		0.3820E+01	-0.1431E-04		
		0.5840E+01	-0.8165E-07		
		0.7860E+01	0.2262E-10		
		0.8145E+01	0.2343E-10		
		0.8429E+01	0.2386E-10		
		0.8714E+01	0.2400E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9306E+02	0.0000E+00
		0.1500E-02	-0.2156E-03		
		0.3063E+00	-0.1825E-03		
		0.6111E+00	-0.1487E-03		
		0.9159E+00	-0.1168E-03		
		0.1211E+01	-0.8931E-04		
		0.1505E+01	-0.6592E-04		
		0.1800E+01	-0.4695E-04		
		0.3820E+01	-0.1698E-05		
		0.5840E+01	-0.9975E-08		
		0.7860E+01	0.7242E-11		
		0.8145E+01	0.7391E-11		
		0.8429E+01	0.7494E-11		
		0.8714E+01	0.7530E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9713E+02	0.0000E+00
		0.1500E-02	-0.9986E-02		
		0.3063E+00	-0.7896E-02		
		0.6111E+00	-0.6117E-02		
		0.9159E+00	-0.4630E-02		
		0.1211E+01	-0.3453E-02		
		0.1505E+01	-0.2510E-02		
		0.1800E+01	-0.1775E-02		
		0.3820E+01	-0.7176E-04		
		0.5840E+01	-0.5758E-06		
		0.7860E+01	0.1001E-08		
		0.8145E+01	0.1014E-08		
		0.8429E+01	0.1020E-08		
		0.8714E+01	0.1022E-08		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9713E+02	0.0000E+00
		0.1500E-02	-0.5675E-02		
		0.3063E+00	-0.4494E-02		
		0.6111E+00	-0.3487E-02		
		0.9159E+00	-0.2643E-02		
		0.1211E+01	-0.1973E-02		
		0.1505E+01	-0.1435E-02		
		0.1800E+01	-0.1016E-02		
		0.3820E+01	-0.4120E-04		
		0.5840E+01	-0.3310E-06		
		0.7860E+01	0.3660E-09		
		0.8145E+01	0.3720E-09		
		0.8429E+01	0.3752E-09		
		0.8714E+01	0.3763E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9713E+02	0.0000E+00
		0.1500E-02	-0.2548E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1199E-02		
		0.1211E+01	-0.8973E-03		
		0.1505E+01	-0.6542E-03		
		0.1800E+01	-0.4638E-03		
		0.3820E+01	-0.1894E-04		
		0.5840E+01	-0.1525E-06		
		0.7860E+01	0.1282E-09		
		0.8145E+01	0.1308E-09		
		0.8429E+01	0.1322E-09		
		0.8714E+01	0.1327E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9713E+02	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1521E-03		
		0.9159E+00	-0.1211E-03		
		0.1211E+01	-0.9392E-04		
		0.1505E+01	-0.7053E-04		
		0.1800E+01	-0.5125E-04		
		0.3820E+01	-0.2289E-05		
		0.5840E+01	-0.1903E-07		
		0.7860E+01	0.4377E-10		
		0.8145E+01	0.4433E-10		
		0.8429E+01	0.4471E-10		
		0.8714E+01	0.4484E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1011E+03	0.0000E+00
		0.1500E-02	-0.1001E-01		
		0.3063E+00	-0.7952E-02		
		0.6111E+00	-0.6204E-02		
		0.9159E+00	-0.4740E-02		
		0.1211E+01	-0.3575E-02		
		0.1505E+01	-0.2634E-02		
		0.1800E+01	-0.1893E-02		
		0.3820E+01	-0.9126E-04		
		0.5840E+01	-0.9866E-06		
		0.7860E+01	0.3694E-08		
		0.8145E+01	0.3729E-08		
		0.8429E+01	0.3749E-08		
		0.8714E+01	0.3755E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1011E+03	0.0000E+00
		0.1500E-02	-0.5686E-02		
		0.3063E+00	-0.4527E-02		
		0.6111E+00	-0.3537E-02		
		0.9159E+00	-0.2706E-02		
		0.1211E+01	-0.2043E-02		
		0.1505E+01	-0.1507E-02		
		0.1800E+01	-0.1084E-02		
		0.3820E+01	-0.5243E-04		
		0.5840E+01	-0.5675E-06		

		0.7860E+01	0.1469E-08		
		0.8145E+01	0.1486E-08		
		0.8429E+01	0.1496E-08		
		0.8714E+01	0.1499E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1011E+03	0.0000E+00
		0.1500E-02	-0.2553E-02		
		0.3063E+00	-0.2041E-02		
		0.6111E+00	-0.1601E-02		
		0.9159E+00	-0.1228E-02		
		0.1211E+01	-0.9298E-03		
		0.1505E+01	-0.6872E-03		
		0.1800E+01	-0.4951E-03		
		0.3820E+01	-0.2413E-04		
		0.5840E+01	-0.2620E-06		
		0.7860E+01	0.5651E-09		
		0.8145E+01	0.5727E-09		
		0.8429E+01	0.5770E-09		
		0.8714E+01	0.5784E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1011E+03	0.0000E+00
		0.1500E-02	-0.2170E-03		
		0.3063E+00	-0.1866E-03		
		0.6111E+00	-0.1552E-03		
		0.9159E+00	-0.1249E-03		
		0.1211E+01	-0.9817E-04		
		0.1505E+01	-0.7485E-04		
		0.1800E+01	-0.5534E-04		
		0.3820E+01	-0.2969E-05		
		0.5840E+01	-0.3337E-07		
		0.7860E+01	0.2118E-09		
		0.8145E+01	0.2137E-09		
		0.8429E+01	0.2149E-09		
		0.8714E+01	0.2154E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1049E+03	0.0000E+00
		0.1500E-02	-0.1002E-01		
		0.3063E+00	-0.8001E-02		
		0.6111E+00	-0.6282E-02		
		0.9159E+00	-0.4839E-02		
		0.1211E+01	-0.3685E-02		
		0.1505E+01	-0.2747E-02		
		0.1800E+01	-0.2001E-02		
		0.3820E+01	-0.1126E-03		
		0.5840E+01	-0.1579E-05		
		0.7860E+01	0.1161E-07		
		0.8145E+01	0.1170E-07		
		0.8429E+01	0.1175E-07		
		0.8714E+01	0.1177E-07		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1049E+03	0.0000E+00
		0.1500E-02	-0.5695E-02		
		0.3063E+00	-0.4555E-02		
		0.6111E+00	-0.3582E-02		
		0.9159E+00	-0.2763E-02		
		0.1211E+01	-0.2107E-02		

		0.1505E+01	-0.1572E-02		
		0.1800E+01	-0.1146E-02		
		0.3820E+01	-0.6470E-04		
		0.5840E+01	-0.9090E-06		
		0.7860E+01	0.4952E-08		
		0.8145E+01	0.4997E-08		
		0.8429E+01	0.5022E-08		
		0.8714E+01	0.5031E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1049E+03	0.0000E+00
		0.1500E-02	-0.2558E-02		
		0.3063E+00	-0.2054E-02		
		0.6111E+00	-0.1621E-02		
		0.9159E+00	-0.1255E-02		
		0.1211E+01	-0.9592E-03		
		0.1505E+01	-0.7174E-03		
		0.1800E+01	-0.5241E-03		
		0.3820E+01	-0.2982E-04		
		0.5840E+01	-0.4203E-06		
		0.7860E+01	0.2052E-08		
		0.8145E+01	0.2072E-08		
		0.8429E+01	0.2084E-08		
		0.8714E+01	0.2088E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1049E+03	0.0000E+00
		0.1500E-02	-0.2176E-03		
		0.3063E+00	-0.1884E-03		
		0.6111E+00	-0.1579E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1021E-03		
		0.1505E+01	-0.7889E-04		
		0.1800E+01	-0.5923E-04		
		0.3820E+01	-0.3731E-05		
		0.5840E+01	-0.5460E-07		
		0.7860E+01	0.8299E-09		
		0.8145E+01	0.8358E-09		
		0.8429E+01	0.8395E-09		
		0.8714E+01	0.8409E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1086E+03	0.0000E+00
		0.1500E-02	-0.1004E-01		
		0.3063E+00	-0.8045E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.4926E-02		
		0.1211E+01	-0.3784E-02		
		0.1505E+01	-0.2850E-02		
		0.1800E+01	-0.2102E-02		
		0.3820E+01	-0.1353E-03		
		0.5840E+01	-0.2389E-05		
		0.7860E+01	0.3199E-07		
		0.8145E+01	0.3221E-07		
		0.8429E+01	0.3233E-07		
		0.8714E+01	0.3237E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1086E+03	0.0000E+00
		0.1500E-02	-0.5704E-02		

		0.3063E+00	-0.4580E-02		
		0.6111E+00	-0.3622E-02		
		0.9159E+00	-0.2814E-02		
		0.1211E+01	-0.2164E-02		
		0.1505E+01	-0.1631E-02		
		0.1800E+01	-0.1204E-02		
		0.3820E+01	-0.7784E-04		
		0.5840E+01	-0.1376E-05		
		0.7860E+01	0.1449E-07		
		0.8145E+01	0.1460E-07		
		0.8429E+01	0.1466E-07		
		0.8714E+01	0.1468E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1086E+03	0.0000E+00
		0.1500E-02	-0.2562E-02		
		0.3063E+00	-0.2066E-02		
		0.6111E+00	-0.1640E-02		
		0.9159E+00	-0.1278E-02		
		0.1211E+01	-0.9857E-03		
		0.1505E+01	-0.7450E-03		
		0.1800E+01	-0.5510E-03		
		0.3820E+01	-0.3593E-04		
		0.5840E+01	-0.6375E-06		
		0.7860E+01	0.6394E-08		
		0.8145E+01	0.6444E-08		
		0.8429E+01	0.6473E-08		
		0.8714E+01	0.6483E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1086E+03	0.0000E+00
		0.1500E-02	-0.2181E-03		
		0.3063E+00	-0.1900E-03		
		0.6111E+00	-0.1605E-03		
		0.9159E+00	-0.1316E-03		
		0.1211E+01	-0.1057E-03		
		0.1505E+01	-0.8268E-04		
		0.1800E+01	-0.6292E-04		
		0.3820E+01	-0.4569E-05		
		0.5840E+01	-0.8437E-07		
		0.7860E+01	0.2756E-08		
		0.8145E+01	0.2772E-08		
		0.8429E+01	0.2783E-08		
		0.8714E+01	0.2787E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1122E+03	0.0000E+00
		0.1500E-02	-0.1005E-01		
		0.3063E+00	-0.8084E-02		
		0.6111E+00	-0.6412E-02		
		0.9159E+00	-0.5005E-02		
		0.1211E+01	-0.3874E-02		
		0.1505E+01	-0.2944E-02		
		0.1800E+01	-0.2194E-02		
		0.3820E+01	-0.1593E-03		
		0.5840E+01	-0.3448E-05		
		0.7860E+01	0.7904E-07		
		0.8145E+01	0.7950E-07		
		0.8429E+01	0.7977E-07		

		0.8714E+01	0.7987E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1122E+03	0.0000E+00
		0.1500E-02	-0.5712E-02		
		0.3063E+00	-0.4603E-02		
		0.6111E+00	-0.3657E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2216E-02		
		0.1505E+01	-0.1686E-02		
		0.1800E+01	-0.1258E-02		
		0.3820E+01	-0.9169E-04		
		0.5840E+01	-0.1988E-05		
		0.7860E+01	0.3774E-07		
		0.8145E+01	0.3798E-07		
		0.8429E+01	0.3812E-07		
		0.8714E+01	0.3817E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1122E+03	0.0000E+00
		0.1500E-02	-0.2565E-02		
		0.3063E+00	-0.2077E-02		
		0.6111E+00	-0.1656E-02		
		0.9159E+00	-0.1299E-02		
		0.1211E+01	-0.1010E-02		
		0.1505E+01	-0.7703E-03		
		0.1800E+01	-0.5760E-03		
		0.3820E+01	-0.4238E-04		
		0.5840E+01	-0.9223E-06		
		0.7860E+01	0.1758E-07		
		0.8145E+01	0.1770E-07		
		0.8429E+01	0.1777E-07		
		0.8714E+01	0.1779E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1122E+03	0.0000E+00
		0.1500E-02	-0.2186E-03		
		0.3063E+00	-0.1914E-03		
		0.6111E+00	-0.1628E-03		
		0.9159E+00	-0.1346E-03		
		0.1211E+01	-0.1091E-03		
		0.1505E+01	-0.8623E-04		
		0.1800E+01	-0.6642E-04		
		0.3820E+01	-0.5472E-05		
		0.5840E+01	-0.1243E-06		
		0.7860E+01	0.8008E-08		
		0.8145E+01	0.8051E-08		
		0.8429E+01	0.8078E-08		
		0.8714E+01	0.8087E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1158E+03	0.0000E+00
		0.1500E-02	-0.1006E-01		
		0.3063E+00	-0.8119E-02		
		0.6111E+00	-0.6467E-02		
		0.9159E+00	-0.5077E-02		
		0.1211E+01	-0.3955E-02		
		0.1505E+01	-0.3030E-02		
		0.1800E+01	-0.2280E-02		
		0.3820E+01	-0.1842E-03		

		0.5840E+01	-0.4783E-05		
		0.7860E+01	0.1780E-06		
		0.8145E+01	0.1790E-06		
		0.8429E+01	0.1795E-06		
		0.8714E+01	0.1797E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1158E+03	0.0000E+00
		0.1500E-02	-0.5718E-02		
		0.3063E+00	-0.4623E-02		
		0.6111E+00	-0.3689E-02		
		0.9159E+00	-0.2900E-02		
		0.1211E+01	-0.2263E-02		
		0.1505E+01	-0.1736E-02		
		0.1800E+01	-0.1307E-02		
		0.3820E+01	-0.1061E-03		
		0.5840E+01	-0.2760E-05		
		0.7860E+01	0.8909E-07		
		0.8145E+01	0.8959E-07		
		0.8429E+01	0.8988E-07		
		0.8714E+01	0.8998E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1158E+03	0.0000E+00
		0.1500E-02	-0.2568E-02		
		0.3063E+00	-0.2086E-02		
		0.6111E+00	-0.1671E-02		
		0.9159E+00	-0.1319E-02		
		0.1211E+01	-0.1032E-02		
		0.1505E+01	-0.7936E-03		
		0.1800E+01	-0.5992E-03		
		0.3820E+01	-0.4909E-04		
		0.5840E+01	-0.1282E-05		
		0.7860E+01	0.4356E-07		
		0.8145E+01	0.4381E-07		
		0.8429E+01	0.4395E-07		
		0.8714E+01	0.4400E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1158E+03	0.0000E+00
		0.1500E-02	-0.2191E-03		
		0.3063E+00	-0.1928E-03		
		0.6111E+00	-0.1649E-03		
		0.9159E+00	-0.1374E-03		
		0.1211E+01	-0.1123E-03		
		0.1505E+01	-0.8956E-04		
		0.1800E+01	-0.6974E-04		
		0.3820E+01	-0.6433E-05		
		0.5840E+01	-0.1759E-06		
		0.7860E+01	0.2083E-07		
		0.8145E+01	0.2094E-07		
		0.8429E+01	0.2100E-07		
		0.8714E+01	0.2102E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1192E+03	0.0000E+00
		0.1500E-02	-0.1007E-01		
		0.3063E+00	-0.8150E-02		
		0.6111E+00	-0.6517E-02		
		0.9159E+00	-0.5141E-02		

		0.1211E+01	-0.4029E-02		
		0.1505E+01	-0.3110E-02		
		0.1800E+01	-0.2360E-02		
		0.3820E+01	-0.2098E-03		
		0.5840E+01	-0.6414E-05		
		0.7860E+01	0.3708E-06		
		0.8145E+01	0.3725E-06		
		0.8429E+01	0.3736E-06		
		0.8714E+01	0.3739E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1192E+03	0.0000E+00
		0.1500E-02	-0.5724E-02		
		0.3063E+00	-0.4641E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2938E-02		
		0.1211E+01	-0.2306E-02		
		0.1505E+01	-0.1781E-02		
		0.1800E+01	-0.1353E-02		
		0.3820E+01	-0.1209E-03		
		0.5840E+01	-0.3704E-05		
		0.7860E+01	0.1934E-06		
		0.8145E+01	0.1944E-06		
		0.8429E+01	0.1950E-06		
		0.8714E+01	0.1952E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1192E+03	0.0000E+00
		0.1500E-02	-0.2571E-02		
		0.3063E+00	-0.2094E-02		
		0.6111E+00	-0.1685E-02		
		0.9159E+00	-0.1336E-02		
		0.1211E+01	-0.1052E-02		
		0.1505E+01	-0.8150E-03		
		0.1800E+01	-0.6207E-03		
		0.3820E+01	-0.5601E-04		
		0.5840E+01	-0.1724E-05		
		0.7860E+01	0.9875E-07		
		0.8145E+01	0.9924E-07		
		0.8429E+01	0.9954E-07		
		0.8714E+01	0.9965E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1192E+03	0.0000E+00
		0.1500E-02	-0.2195E-03		
		0.3063E+00	-0.1940E-03		
		0.6111E+00	-0.1669E-03		
		0.9159E+00	-0.1399E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9269E-04		
		0.1800E+01	-0.7288E-04		
		0.3820E+01	-0.7444E-05		
		0.5840E+01	-0.2404E-06		
		0.7860E+01	0.4935E-07		
		0.8145E+01	0.4957E-07		
		0.8429E+01	0.4971E-07		
		0.8714E+01	0.4976E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1226E+03	0.0000E+00

		0.1500E-02	-0.1008E-01		
		0.3063E+00	-0.8178E-02		
		0.6111E+00	-0.6562E-02		
		0.9159E+00	-0.5200E-02		
		0.1211E+01	-0.4097E-02		
		0.1505E+01	-0.3182E-02		
		0.1800E+01	-0.2434E-02		
		0.3820E+01	-0.2358E-03		
		0.5840E+01	-0.8356E-05		
		0.7860E+01	0.7216E-06		
		0.8145E+01	0.7248E-06		
		0.8429E+01	0.7267E-06		
		0.8714E+01	0.7274E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1226E+03	0.0000E+00
		0.1500E-02	-0.5730E-02		
		0.3063E+00	-0.4657E-02		
		0.6111E+00	-0.3744E-02		
		0.9159E+00	-0.2971E-02		
		0.1211E+01	-0.2345E-02		
		0.1505E+01	-0.1824E-02		
		0.1800E+01	-0.1396E-02		
		0.3820E+01	-0.1359E-03		
		0.5840E+01	-0.4829E-05		
		0.7860E+01	0.3909E-06		
		0.8145E+01	0.3927E-06		
		0.8429E+01	0.3938E-06		
		0.8714E+01	0.3941E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1226E+03	0.0000E+00
		0.1500E-02	-0.2574E-02		
		0.3063E+00	-0.2102E-02		
		0.6111E+00	-0.1697E-02		
		0.9159E+00	-0.1352E-02		
		0.1211E+01	-0.1070E-02		
		0.1505E+01	-0.8348E-03		
		0.1800E+01	-0.6407E-03		
		0.3820E+01	-0.6307E-04		
		0.5840E+01	-0.2251E-05		
		0.7860E+01	0.2074E-06		
		0.8145E+01	0.2084E-06		
		0.8429E+01	0.2090E-06		
		0.8714E+01	0.2092E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1226E+03	0.0000E+00
		0.1500E-02	-0.2199E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1687E-03		
		0.9159E+00	-0.1423E-03		
		0.1211E+01	-0.1179E-03		
		0.1505E+01	-0.9564E-04		
		0.1800E+01	-0.7586E-04		
		0.3820E+01	-0.8497E-05		
		0.5840E+01	-0.3190E-06		
		0.7860E+01	0.1079E-06		
		0.8145E+01	0.1083E-06		
		0.8429E+01	0.1086E-06		
		0.8714E+01	0.1087E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1259E+03	0.0000E+00
		0.1500E-02	-0.1009E-01		
		0.3063E+00	-0.8203E-02		
		0.6111E+00	-0.6603E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4159E-02		
		0.1505E+01	-0.3249E-02		
		0.1800E+01	-0.2502E-02		
		0.3820E+01	-0.2620E-03		
		0.5840E+01	-0.1062E-04		
		0.7860E+01	0.1325E-05		
		0.8145E+01	0.1330E-05		
		0.8429E+01	0.1333E-05		
		0.8714E+01	0.1335E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1259E+03	0.0000E+00
		0.1500E-02	-0.5735E-02		
		0.3063E+00	-0.4672E-02		
		0.6111E+00	-0.3767E-02		
		0.9159E+00	-0.3002E-02		
		0.1211E+01	-0.2381E-02		
		0.1505E+01	-0.1862E-02		
		0.1800E+01	-0.1436E-02		
		0.3820E+01	-0.1512E-03		
		0.5840E+01	-0.6140E-05		
		0.7860E+01	0.7424E-06		
		0.8145E+01	0.7455E-06		
		0.8429E+01	0.7474E-06		
		0.8714E+01	0.7481E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1259E+03	0.0000E+00
		0.1500E-02	-0.2576E-02		
		0.3063E+00	-0.2109E-02		
		0.6111E+00	-0.1708E-02		
		0.9159E+00	-0.1366E-02		
		0.1211E+01	-0.1087E-02		
		0.1505E+01	-0.8530E-03		
		0.1800E+01	-0.6593E-03		
		0.3820E+01	-0.7021E-04		
		0.5840E+01	-0.2866E-05		
		0.7860E+01	0.4080E-06		
		0.8145E+01	0.4098E-06		
		0.8429E+01	0.4108E-06		
		0.8714E+01	0.4112E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1259E+03	0.0000E+00
		0.1500E-02	-0.2202E-03		
		0.3063E+00	-0.1962E-03		
		0.6111E+00	-0.1704E-03		
		0.9159E+00	-0.1445E-03		
		0.1211E+01	-0.1205E-03		
		0.1505E+01	-0.9841E-04		
		0.1800E+01	-0.7869E-04		
		0.3820E+01	-0.9584E-05		
		0.5840E+01	-0.4125E-06		
		0.7860E+01	0.2200E-06		
		0.8145E+01	0.2208E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.2214E-06		
		0.8714E+01	0.2216E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1291E+03	0.0000E+00
		0.1500E-02	-0.1010E-01		
		0.3063E+00	-0.8227E-02		
		0.6111E+00	-0.6639E-02		
		0.9159E+00	-0.5301E-02		
		0.1211E+01	-0.4216E-02		
		0.1505E+01	-0.3311E-02		
		0.1800E+01	-0.2565E-02		
		0.3820E+01	-0.2883E-03		
		0.5840E+01	-0.1320E-04		
		0.7860E+01	0.2311E-05		
		0.8145E+01	0.2320E-05		
		0.8429E+01	0.2325E-05		
		0.8714E+01	0.2327E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1291E+03	0.0000E+00
		0.1500E-02	-0.5739E-02		
		0.3063E+00	-0.4685E-02		
		0.6111E+00	-0.3789E-02		
		0.9159E+00	-0.3030E-02		
		0.1211E+01	-0.2414E-02		
		0.1505E+01	-0.1898E-02		
		0.1800E+01	-0.1473E-02		
		0.3820E+01	-0.1664E-03		
		0.5840E+01	-0.7637E-05		
		0.7860E+01	0.1336E-05		
		0.8145E+01	0.1341E-05		
		0.8429E+01	0.1344E-05		
		0.8714E+01	0.1345E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1291E+03	0.0000E+00
		0.1500E-02	-0.2578E-02		
		0.3063E+00	-0.2115E-02		
		0.6111E+00	-0.1718E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1103E-02		
		0.1505E+01	-0.8698E-03		
		0.1800E+01	-0.6766E-03		
		0.3820E+01	-0.7740E-04		
		0.5840E+01	-0.3571E-05		
		0.7860E+01	0.7579E-06		
		0.8145E+01	0.7609E-06		
		0.8429E+01	0.7627E-06		
		0.8714E+01	0.7633E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1291E+03	0.0000E+00
		0.1500E-02	-0.2205E-03		
		0.3063E+00	-0.1972E-03		
		0.6111E+00	-0.1720E-03		
		0.9159E+00	-0.1465E-03		
		0.1211E+01	-0.1229E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8137E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.1070E-04		
		0.5840E+01	-0.5214E-06		
		0.7860E+01	0.4222E-06		
		0.8145E+01	0.4238E-06		
		0.8429E+01	0.4248E-06		
		0.8714E+01	0.4251E-06		
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1323E+03	0.0000E+00
		0.1500E-02	-0.1011E-01		
		0.3063E+00	-0.8247E-02		
		0.6111E+00	-0.6673E-02		
		0.9159E+00	-0.5346E-02		
		0.1211E+01	-0.4268E-02		
		0.1505E+01	-0.3368E-02		
		0.1800E+01	-0.2624E-02		
		0.3820E+01	-0.3146E-03		
		0.5840E+01	-0.1609E-04		
		0.7860E+01	0.3856E-05		
		0.8145E+01	0.3870E-05		
		0.8429E+01	0.3878E-05		
		0.8714E+01	0.3881E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1323E+03	0.0000E+00
		0.1500E-02	-0.5743E-02		
		0.3063E+00	-0.4698E-02		
		0.6111E+00	-0.3808E-02		
		0.9159E+00	-0.3056E-02		
		0.1211E+01	-0.2444E-02		
		0.1505E+01	-0.1931E-02		
		0.1800E+01	-0.1507E-02		
		0.3820E+01	-0.1817E-03		
		0.5840E+01	-0.9319E-05		
		0.7860E+01	0.2292E-05		
		0.8145E+01	0.2300E-05		
		0.8429E+01	0.2305E-05		
		0.8714E+01	0.2307E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1323E+03	0.0000E+00
		0.1500E-02	-0.2580E-02		
		0.3063E+00	-0.2121E-02		
		0.6111E+00	-0.1727E-02		
		0.9159E+00	-0.1392E-02		
		0.1211E+01	-0.1117E-02		
		0.1505E+01	-0.8854E-03		
		0.1800E+01	-0.6927E-03		
		0.3820E+01	-0.8458E-04		
		0.5840E+01	-0.4363E-05		
		0.7860E+01	0.1339E-05		
		0.8145E+01	0.1344E-05		
		0.8429E+01	0.1347E-05		
		0.8714E+01	0.1348E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1323E+03	0.0000E+00
		0.1500E-02	-0.2208E-03		
		0.3063E+00	-0.1981E-03		
		0.6111E+00	-0.1734E-03		

		0.9159E+00	-0.1484E-03		
		0.1211E+01	-0.1252E-03		
		0.1505E+01	-0.1035E-03		
		0.1800E+01	-0.8392E-04		
		0.3820E+01	-0.1183E-04		
		0.5840E+01	-0.6458E-06		
		0.7860E+01	0.7684E-06		
		0.8145E+01	0.7711E-06		
		0.8429E+01	0.7728E-06		
		0.8714E+01	0.7735E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1354E+03	0.0000E+00
		0.1500E-02	-0.1011E-01		
		0.3063E+00	-0.8267E-02		
		0.6111E+00	-0.6704E-02		
		0.9159E+00	-0.5386E-02		
		0.1211E+01	-0.4316E-02		
		0.1505E+01	-0.3420E-02		
		0.1800E+01	-0.2679E-02		
		0.3820E+01	-0.3406E-03		
		0.5840E+01	-0.1929E-04		
		0.7860E+01	0.6184E-05		
		0.8145E+01	0.6205E-05		
		0.8429E+01	0.6218E-05		
		0.8714E+01	0.6223E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1354E+03	0.0000E+00
		0.1500E-02	-0.5747E-02		
		0.3063E+00	-0.4709E-02		
		0.6111E+00	-0.3826E-02		
		0.9159E+00	-0.3080E-02		
		0.1211E+01	-0.2472E-02		
		0.1505E+01	-0.1962E-02		
		0.1800E+01	-0.1539E-02		
		0.3820E+01	-0.1968E-03		
		0.5840E+01	-0.1118E-04		
		0.7860E+01	0.3771E-05		
		0.8145E+01	0.3785E-05		
		0.8429E+01	0.3793E-05		
		0.8714E+01	0.3796E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1354E+03	0.0000E+00
		0.1500E-02	-0.2582E-02		
		0.3063E+00	-0.2126E-02		
		0.6111E+00	-0.1736E-02		
		0.9159E+00	-0.1403E-02		
		0.1211E+01	-0.1130E-02		
		0.1505E+01	-0.8999E-03		
		0.1800E+01	-0.7078E-03		
		0.3820E+01	-0.9173E-04		
		0.5840E+01	-0.5241E-05		
		0.7860E+01	0.2262E-05		
		0.8145E+01	0.2270E-05		
		0.8429E+01	0.2275E-05		
		0.8714E+01	0.2277E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1354E+03	0.0000E+00
		0.1500E-02	-0.2211E-03		
		0.3063E+00	-0.1989E-03		
		0.6111E+00	-0.1748E-03		
		0.9159E+00	-0.1502E-03		
		0.1211E+01	-0.1273E-03		
		0.1505E+01	-0.1058E-03		
		0.1800E+01	-0.8633E-04		
		0.3820E+01	-0.1298E-04		
		0.5840E+01	-0.7856E-06		
		0.7860E+01	0.1335E-05		
		0.8145E+01	0.1339E-05		
		0.8429E+01	0.1342E-05		
		0.8714E+01	0.1343E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1385E+03	0.0000E+00
		0.1500E-02	-0.1012E-01		
		0.3063E+00	-0.8284E-02		
		0.6111E+00	-0.6732E-02		
		0.9159E+00	-0.5423E-02		
		0.1211E+01	-0.4360E-02		
		0.1505E+01	-0.3469E-02		
		0.1800E+01	-0.2730E-02		
		0.3820E+01	-0.3663E-03		
		0.5840E+01	-0.2277E-04		
		0.7860E+01	0.9577E-05		
		0.8145E+01	0.9609E-05		
		0.8429E+01	0.9628E-05		
		0.8714E+01	0.9635E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1385E+03	0.0000E+00
		0.1500E-02	-0.5750E-02		
		0.3063E+00	-0.4719E-02		
		0.6111E+00	-0.3843E-02		
		0.9159E+00	-0.3102E-02		
		0.1211E+01	-0.2497E-02		
		0.1505E+01	-0.1990E-02		
		0.1800E+01	-0.1568E-02		
		0.3820E+01	-0.2118E-03		
		0.5840E+01	-0.1321E-04		
		0.7860E+01	0.5980E-05		
		0.8145E+01	0.6000E-05		
		0.8429E+01	0.6012E-05		
		0.8714E+01	0.6016E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1385E+03	0.0000E+00
		0.1500E-02	-0.2584E-02		
		0.3063E+00	-0.2131E-02		
		0.6111E+00	-0.1744E-02		
		0.9159E+00	-0.1413E-02		
		0.1211E+01	-0.1142E-02		
		0.1505E+01	-0.9133E-03		
		0.1800E+01	-0.7218E-03		
		0.3820E+01	-0.9880E-04		
		0.5840E+01	-0.6200E-05		
		0.7860E+01	0.3675E-05		

		0.8145E+01	0.3688E-05		
		0.8429E+01	0.3695E-05		
		0.8714E+01	0.3698E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1385E+03	0.0000E+00
		0.1500E-02	-0.2214E-03		
		0.3063E+00	-0.1997E-03		
		0.6111E+00	-0.1760E-03		
		0.9159E+00	-0.1519E-03		
		0.1211E+01	-0.1293E-03		
		0.1505E+01	-0.1080E-03		
		0.1800E+01	-0.8863E-04		
		0.3820E+01	-0.1414E-04		
		0.5840E+01	-0.9397E-06		
		0.7860E+01	0.2224E-05		
		0.8145E+01	0.2231E-05		
		0.8429E+01	0.2235E-05		
		0.8714E+01	0.2237E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1409E+03	0.0000E+00
		0.1500E-02	-0.1012E-01		
		0.3063E+00	-0.8297E-02		
		0.6111E+00	-0.6753E-02		
		0.9159E+00	-0.5451E-02		
		0.1211E+01	-0.4393E-02		
		0.1505E+01	-0.3505E-02		
		0.1800E+01	-0.2768E-02		
		0.3820E+01	-0.3865E-03		
		0.5840E+01	-0.2575E-04		
		0.7860E+01	0.1329E-04		
		0.8145E+01	0.1333E-04		
		0.8429E+01	0.1335E-04		
		0.8714E+01	0.1336E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1409E+03	0.0000E+00
		0.1500E-02	-0.5753E-02		
		0.3063E+00	-0.4726E-02		
		0.6111E+00	-0.3855E-02		
		0.9159E+00	-0.3118E-02		
		0.1211E+01	-0.2517E-02		
		0.1505E+01	-0.2011E-02		
		0.1800E+01	-0.1590E-02		
		0.3820E+01	-0.2236E-03		
		0.5840E+01	-0.1494E-04		
		0.7860E+01	0.8442E-05		
		0.8145E+01	0.8469E-05		
		0.8429E+01	0.8485E-05		
		0.8714E+01	0.8492E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1409E+03	0.0000E+00
		0.1500E-02	-0.2585E-02		
		0.3063E+00	-0.2135E-02		
		0.6111E+00	-0.1749E-02		
		0.9159E+00	-0.1421E-02		
		0.1211E+01	-0.1151E-02		
		0.1505E+01	-0.9233E-03		

		0.1800E+01	-0.7323E-03		
		0.3820E+01	-0.1044E-03		
		0.5840E+01	-0.7021E-05		
		0.7860E+01	0.5283E-05		
		0.8145E+01	0.5301E-05		
		0.8429E+01	0.5311E-05		
		0.8714E+01	0.5315E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1409E+03	0.0000E+00
		0.1500E-02	-0.2216E-03		
		0.3063E+00	-0.2003E-03		
		0.6111E+00	-0.1770E-03		
		0.9159E+00	-0.1532E-03		
		0.1211E+01	-0.1308E-03		
		0.1505E+01	-0.1097E-03		
		0.1800E+01	-0.9038E-04		
		0.3820E+01	-0.1507E-04		
		0.5840E+01	-0.1072E-05		
		0.7860E+01	0.3257E-05		
		0.8145E+01	0.3267E-05		
		0.8429E+01	0.3274E-05		
		0.8714E+01	0.3276E-05		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*            TIME     -        9:41: 3           *
*            EXECUTION TIME    0: 1: 2           *
*                                                *
*                                                *
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CLR2

HDPE
Coef. of Hydro. Disp. = 2.25E-05 m^2/yr
(Decreased by 25%)

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*                                                           *
*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                  RUN DATE -   15-11- 8                    *
*                  TIME     -    9:42:43                    *
*                                                           *
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*************************************************************************
 Clinton LF No. 3 (CWU) CLR2 (HDPE 2.25e-5)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
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LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.225E-04	.225E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1524E+02	0.0000E+00
		0.1500E-02	-0.6680E-02		
		0.3063E+00	-0.2452E-02		
		0.6111E+00	-0.5809E-03		
		0.9159E+00	-0.8483E-04		
		0.1211E+01	-0.8105E-05		
		0.1505E+01	-0.4704E-06		
		0.1800E+01	-0.1639E-07		
		0.3820E+01	0.2218E-18		
		0.5840E+01	-0.1809E-23		
		0.7860E+01	-0.1037E-33		
		0.8145E+01	-0.1108E-33		
		0.8429E+01	-0.1023E-33		
		0.8714E+01	-0.9782E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1524E+02	0.0000E+00
		0.1500E-02	-0.3794E-02		
		0.3063E+00	-0.1393E-02		
		0.6111E+00	-0.3301E-03		
		0.9159E+00	-0.4820E-04		
		0.1211E+01	-0.4606E-05		

		0.1505E+01	-0.2673E-06		
		0.1800E+01	-0.9312E-08		
		0.3820E+01	0.1340E-18		
		0.5840E+01	-0.1030E-23		
		0.7860E+01	-0.1114E-33		
		0.8145E+01	-0.1130E-33		
		0.8429E+01	-0.1063E-33		
		0.8714E+01	-0.1031E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1524E+02	0.0000E+00
		0.1500E-02	-0.1701E-02		
		0.3063E+00	-0.6250E-03		
		0.6111E+00	-0.1482E-03		
		0.9159E+00	-0.2164E-04		
		0.1211E+01	-0.2068E-05		
		0.1505E+01	-0.1201E-06		
		0.1800E+01	-0.4182E-08		
		0.3820E+01	0.6880E-19		
		0.5840E+01	-0.4653E-24		
		0.7860E+01	-0.7237E-34		
		0.8145E+01	-0.7125E-34		
		0.8429E+01	-0.6670E-34		
		0.8714E+01	-0.6471E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1524E+02	0.0000E+00
		0.1500E-02	-0.1406E-03		
		0.3063E+00	-0.5238E-04		
		0.6111E+00	-0.1251E-04		
		0.9159E+00	-0.1835E-05		
		0.1211E+01	-0.1758E-06		
		0.1505E+01	-0.1022E-07		
		0.1800E+01	-0.3564E-09		
		0.3820E+01	0.1934E-19		
		0.5840E+01	-0.4348E-25		
		0.7860E+01	-0.3971E-34		
		0.8145E+01	-0.3724E-34		
		0.8429E+01	-0.3470E-34		
		0.8714E+01	-0.3377E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2519E+02	0.0000E+00
		0.1500E-02	-0.7640E-02		
		0.3063E+00	-0.3999E-02		
		0.6111E+00	-0.1697E-02		
		0.9159E+00	-0.5719E-03		
		0.1211E+01	-0.1583E-03		
		0.1505E+01	-0.3451E-04		
		0.1800E+01	-0.5882E-05		
		0.3820E+01	-0.2938E-13		
		0.5840E+01	0.1033E-17		
		0.7860E+01	-0.9351E-25		
		0.8145E+01	0.1523E-24		
		0.8429E+01	0.2760E-24		
		0.8714E+01	0.3136E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2519E+02	0.0000E+00
		0.1500E-02	-0.4340E-02		

		0.3063E+00	-0.2273E-02		
		0.6111E+00	-0.9647E-03		
		0.9159E+00	-0.3252E-03		
		0.1211E+01	-0.9003E-04		
		0.1505E+01	-0.1963E-04		
		0.1800E+01	-0.3345E-05		
		0.3820E+01	-0.1671E-13		
		0.5840E+01	0.5868E-18		
		0.7860E+01	-0.3323E-24		
		0.8145E+01	-0.1910E-24		
		0.8429E+01	-0.1186E-24		
		0.8714E+01	-0.9640E-25		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2519E+02	0.0000E+00
		0.1500E-02	-0.1947E-02		
		0.3063E+00	-0.1021E-02		
		0.6111E+00	-0.4336E-03		
		0.9159E+00	-0.1462E-03		
		0.1211E+01	-0.4050E-04		
		0.1505E+01	-0.8830E-05		
		0.1800E+01	-0.1505E-05		
		0.3820E+01	-0.7529E-14		
		0.5840E+01	0.2632E-18		
		0.7860E+01	-0.2161E-24		
		0.8145E+01	-0.1503E-24		
		0.8429E+01	-0.1152E-24		
		0.8714E+01	-0.1043E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2519E+02	0.0000E+00
		0.1500E-02	-0.1620E-03		
		0.3063E+00	-0.8683E-04		
		0.6111E+00	-0.3741E-04		
		0.9159E+00	-0.1273E-04		
		0.1211E+01	-0.3546E-05		
		0.1505E+01	-0.7762E-06		
		0.1800E+01	-0.1327E-06		
		0.3820E+01	-0.6760E-15		
		0.5840E+01	0.2191E-19		
		0.7860E+01	-0.5568E-25		
		0.8145E+01	-0.4562E-25		
		0.8429E+01	-0.3816E-25		
		0.8714E+01	-0.3551E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3337E+02	0.0000E+00
		0.1500E-02	-0.8127E-02		
		0.3063E+00	-0.4891E-02		
		0.6111E+00	-0.2571E-02		
		0.9159E+00	-0.1165E-02		
		0.1211E+01	-0.4662E-03		
		0.1505E+01	-0.1598E-03		
		0.1800E+01	-0.4671E-04		
		0.3820E+01	-0.1083E-09		
		0.5840E+01	0.1009E-15		
		0.7860E+01	-0.1549E-19		
		0.8145E+01	-0.1470E-19		
		0.8429E+01	-0.1433E-19		

		0.8714E+01	-0.1422E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3337E+02	0.0000E+00
		0.1500E-02	-0.4617E-02		
		0.3063E+00	-0.2780E-02		
		0.6111E+00	-0.1462E-02		
		0.9159E+00	-0.6626E-03		
		0.1211E+01	-0.2653E-03		
		0.1505E+01	-0.9097E-04		
		0.1800E+01	-0.2659E-04		
		0.3820E+01	-0.6165E-10		
		0.5840E+01	0.5720E-16		
		0.7860E+01	0.6282E-20		
		0.8145E+01	0.6881E-20		
		0.8429E+01	0.7189E-20		
		0.8714E+01	0.7283E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3337E+02	0.0000E+00
		0.1500E-02	-0.2071E-02		
		0.3063E+00	-0.1249E-02		
		0.6111E+00	-0.6577E-03		
		0.9159E+00	-0.2983E-03		
		0.1211E+01	-0.1195E-03		
		0.1505E+01	-0.4099E-04		
		0.1800E+01	-0.1198E-04		
		0.3820E+01	-0.2781E-10		
		0.5840E+01	0.2554E-16		
		0.7860E+01	0.4198E-20		
		0.8145E+01	0.4502E-20		
		0.8429E+01	0.4666E-20		
		0.8714E+01	0.4718E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3337E+02	0.0000E+00
		0.1500E-02	-0.1733E-03		
		0.3063E+00	-0.1076E-03		
		0.6111E+00	-0.5775E-04		
		0.9159E+00	-0.2654E-04		
		0.1211E+01	-0.1073E-04		
		0.1505E+01	-0.3705E-05		
		0.1800E+01	-0.1088E-05		
		0.3820E+01	-0.2560E-11		
		0.5840E+01	0.1938E-17		
		0.7860E+01	0.1586E-20		
		0.8145E+01	0.1640E-20		
		0.8429E+01	0.1678E-20		
		0.8714E+01	0.1692E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4051E+02	0.0000E+00
		0.1500E-02	-0.8432E-02		
		0.3063E+00	-0.5480E-02		
		0.6111E+00	-0.3228E-02		
		0.9159E+00	-0.1706E-02		
		0.1211E+01	-0.8256E-03		
		0.1505E+01	-0.3567E-03		
		0.1800E+01	-0.1371E-03		
		0.3820E+01	-0.6816E-08		

		0.5840E+01	-0.2050E-14		
		0.7860E+01	0.9300E-17		
		0.8145E+01	0.9381E-17		
		0.8429E+01	0.9427E-17		
		0.8714E+01	0.9443E-17		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4051E+02	0.0000E+00
		0.1500E-02	-0.4790E-02		
		0.3063E+00	-0.3116E-02		
		0.6111E+00	-0.1836E-02		
		0.9159E+00	-0.9711E-03		
		0.1211E+01	-0.4700E-03		
		0.1505E+01	-0.2031E-03		
		0.1800E+01	-0.7808E-04		
		0.3820E+01	-0.3884E-08		
		0.5840E+01	-0.1169E-14		
		0.7860E+01	0.1087E-17		
		0.8145E+01	0.1123E-17		
		0.8429E+01	0.1143E-17		
		0.8714E+01	0.1149E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4051E+02	0.0000E+00
		0.1500E-02	-0.2150E-02		
		0.3063E+00	-0.1401E-02		
		0.6111E+00	-0.8268E-03		
		0.9159E+00	-0.4377E-03		
		0.1211E+01	-0.2120E-03		
		0.1505E+01	-0.9167E-04		
		0.1800E+01	-0.3525E-04		
		0.3820E+01	-0.1755E-08		
		0.5840E+01	-0.5297E-15		
		0.7860E+01	-0.1298E-17		
		0.8145E+01	-0.1292E-17		
		0.8429E+01	-0.1289E-17		
		0.8714E+01	-0.1288E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4051E+02	0.0000E+00
		0.1500E-02	-0.1807E-03		
		0.3063E+00	-0.1219E-03		
		0.6111E+00	-0.7369E-04		
		0.9159E+00	-0.3969E-04		
		0.1211E+01	-0.1946E-04		
		0.1505E+01	-0.8491E-05		
		0.1800E+01	-0.3287E-05		
		0.3820E+01	-0.1670E-09		
		0.5840E+01	-0.5218E-16		
		0.7860E+01	-0.9576E-18		
		0.8145E+01	-0.9615E-18		
		0.8429E+01	-0.9637E-18		
		0.8714E+01	-0.9644E-18		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4695E+02	0.0000E+00
		0.1500E-02	-0.8643E-02		
		0.3063E+00	-0.5902E-02		
		0.6111E+00	-0.3733E-02		
		0.9159E+00	-0.2171E-02		

		0.1211E+01	-0.1180E-02		
		0.1505E+01	-0.5871E-03		
		0.1800E+01	-0.2665E-03		
		0.3820E+01	-0.8422E-07		
		0.5840E+01	-0.2013E-12		
		0.7860E+01	-0.2661E-15		
		0.8145E+01	-0.2679E-15		
		0.8429E+01	-0.2689E-15		
		0.8714E+01	-0.2692E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4695E+02	0.0000E+00
		0.1500E-02	-0.4911E-02		
		0.3063E+00	-0.3356E-02		
		0.6111E+00	-0.2124E-02		
		0.9159E+00	-0.1236E-02		
		0.1211E+01	-0.6722E-03		
		0.1505E+01	-0.3345E-03		
		0.1800E+01	-0.1519E-03		
		0.3820E+01	-0.4803E-07		
		0.5840E+01	-0.1148E-12		
		0.7860E+01	-0.6192E-16		
		0.8145E+01	-0.6302E-16		
		0.8429E+01	-0.6366E-16		
		0.8714E+01	-0.6387E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4695E+02	0.0000E+00
		0.1500E-02	-0.2204E-02		
		0.3063E+00	-0.1510E-02		
		0.6111E+00	-0.9573E-03		
		0.9159E+00	-0.5577E-03		
		0.1211E+01	-0.3035E-03		
		0.1505E+01	-0.1512E-03		
		0.1800E+01	-0.6866E-04		
		0.3820E+01	-0.2175E-07		
		0.5840E+01	-0.5202E-13		
		0.7860E+01	0.4078E-16		
		0.8145E+01	0.4050E-16		
		0.8429E+01	0.4034E-16		
		0.8714E+01	0.4029E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4695E+02	0.0000E+00
		0.1500E-02	-0.1860E-03		
		0.3063E+00	-0.1325E-03		
		0.6111E+00	-0.8645E-04		
		0.9159E+00	-0.5142E-04		
		0.1211E+01	-0.2841E-04		
		0.1505E+01	-0.1431E-04		
		0.1800E+01	-0.6558E-05		
		0.3820E+01	-0.2135E-08		
		0.5840E+01	-0.5147E-14		
		0.7860E+01	0.4590E-16		
		0.8145E+01	0.4602E-16		
		0.8429E+01	0.4610E-16		
		0.8714E+01	0.4613E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5286E+02	0.0000E+00

		0.1500E-02	-0.8800E-02		
		0.3063E+00	-0.6220E-02		
		0.6111E+00	-0.4132E-02		
		0.9159E+00	-0.2565E-02		
		0.1211E+01	-0.1508E-02		
		0.1505E+01	-0.8255E-03		
		0.1800E+01	-0.4191E-03		
		0.3820E+01	-0.4572E-06		
		0.5840E+01	-0.8996E-11		
		0.7860E+01	0.2007E-14		
		0.8145E+01	0.2020E-14		
		0.8429E+01	0.2028E-14		
		0.8714E+01	0.2031E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5286E+02	0.0000E+00
		0.1500E-02	-0.5000E-02		
		0.3063E+00	-0.3538E-02		
		0.6111E+00	-0.2352E-02		
		0.9159E+00	-0.1461E-02		
		0.1211E+01	-0.8596E-03		
		0.1505E+01	-0.4706E-03		
		0.1800E+01	-0.2390E-03		
		0.3820E+01	-0.2609E-06		
		0.5840E+01	-0.5136E-11		
		0.7860E+01	0.3626E-16		
		0.8145E+01	0.4387E-16		
		0.8429E+01	0.4837E-16		
		0.8714E+01	0.4986E-16		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5286E+02	0.0000E+00
		0.1500E-02	-0.2245E-02		
		0.3063E+00	-0.1592E-02		
		0.6111E+00	-0.1061E-02		
		0.9159E+00	-0.6596E-03		
		0.1211E+01	-0.3886E-03		
		0.1505E+01	-0.2129E-03		
		0.1800E+01	-0.1082E-03		
		0.3820E+01	-0.1184E-06		
		0.5840E+01	-0.2332E-11		
		0.7860E+01	-0.8050E-15		
		0.8145E+01	-0.8045E-15		
		0.8429E+01	-0.8042E-15		
		0.8714E+01	-0.8042E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5286E+02	0.0000E+00
		0.1500E-02	-0.1901E-03		
		0.3063E+00	-0.1409E-03		
		0.6111E+00	-0.9691E-04		
		0.9159E+00	-0.6174E-04		
		0.1211E+01	-0.3703E-04		
		0.1505E+01	-0.2057E-04		
		0.1800E+01	-0.1056E-04		
		0.3820E+01	-0.1196E-07		
		0.5840E+01	-0.2378E-12		
		0.7860E+01	-0.6550E-15		
		0.8145E+01	-0.6575E-15		
		0.8429E+01	-0.6590E-15		
		0.8714E+01	-0.6596E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
^.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5837E+02	0.0000E+00
		0.1500E-02	-0.8921E-02		
		0.3063E+00	-0.6469E-02		
		0.6111E+00	-0.4455E-02		
		0.9159E+00	-0.2899E-02		
		0.1211E+01	-0.1805E-02		
		0.1505E+01	-0.1058E-02		
		0.1800E+01	-0.5822E-03		
		0.3820E+01	-0.1544E-05		
		0.5840E+01	-0.1346E-09		
		0.7860E+01	-0.7061E-15		
		0.8145E+01	-0.7468E-15		
		0.8429E+01	-0.7723E-15		
		0.8714E+01	-0.7810E-15		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5837E+02	0.0000E+00
		0.1500E-02	-0.5069E-02		
		0.3063E+00	-0.3680E-02		
		0.6111E+00	-0.2537E-02		
		0.9159E+00	-0.1652E-02		
		0.1211E+01	-0.1029E-02		
		0.1505E+01	-0.6035E-03		
		0.1800E+01	-0.3322E-03		
		0.3820E+01	-0.8820E-06		
		0.5840E+01	-0.7693E-10		
		0.7860E+01	0.6526E-14		
		0.8145E+01	0.6525E-14		
		0.8429E+01	0.6524E-14		
		0.8714E+01	0.6524E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5837E+02	0.0000E+00
		0.1500E-02	-0.2276E-02		
		0.3063E+00	-0.1657E-02		
		0.6111E+00	-0.1144E-02		
		0.9159E+00	-0.7464E-03		
		0.1211E+01	-0.4656E-03		
		0.1505E+01	-0.2733E-03		
		0.1800E+01	-0.1506E-03		
		0.3820E+01	-0.4009E-06		
		0.5840E+01	-0.3500E-10		
		0.7860E+01	0.6339E-14		
		0.8145E+01	0.6362E-14		
		0.8429E+01	0.6375E-14		
		0.8714E+01	0.6380E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5837E+02	0.0000E+00
		0.1500E-02	-0.1934E-03		
		0.3063E+00	-0.1476E-03		
		0.6111E+00	-0.1057E-03		
		0.9159E+00	-0.7083E-04		
		0.1211E+01	-0.4509E-04		
		0.1505E+01	-0.2689E-04		
		0.1800E+01	-0.1500E-04		
		0.3820E+01	-0.4162E-07		
		0.5840E+01	-0.3679E-11		
		0.7860E+01	0.2585E-14		
		0.8145E+01	0.2606E-14		

		0.8429E+01	0.2619E-14		
		0.8714E+01	0.2624E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6354E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.6668E-02		
		0.6111E+00	-0.4720E-02		
		0.9159E+00	-0.3184E-02		
		0.1211E+01	-0.2070E-02		
		0.1505E+01	-0.1278E-02		
		0.1800E+01	-0.7474E-03		
		0.3820E+01	-0.3867E-05		
		0.5840E+01	-0.1032E-08		
		0.7860E+01	-0.3709E-13		
		0.8145E+01	-0.3696E-13		
		0.8429E+01	-0.3689E-13		
		0.8714E+01	-0.3688E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6354E+02	0.0000E+00
		0.1500E-02	-0.5124E-02		
		0.3063E+00	-0.3794E-02		
		0.6111E+00	-0.2688E-02		
		0.9159E+00	-0.1815E-02		
		0.1211E+01	-0.1181E-02		
		0.1505E+01	-0.7293E-03		
		0.1800E+01	-0.4267E-03		
		0.3820E+01	-0.2211E-05		
		0.5840E+01	-0.5903E-09		
		0.7860E+01	-0.2893E-13		
		0.8145E+01	-0.2896E-13		
		0.8429E+01	-0.2899E-13		
		0.8714E+01	-0.2900E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6354E+02	0.0000E+00
		0.1500E-02	-0.2301E-02		
		0.3063E+00	-0.1709E-02		
		0.6111E+00	-0.1214E-02		
		0.9159E+00	-0.8207E-03		
		0.1211E+01	-0.5347E-03		
		0.1505E+01	-0.3307E-03		
		0.1800E+01	-0.1936E-03		
		0.3820E+01	-0.1007E-05		
		0.5840E+01	-0.2691E-09		
		0.7860E+01	-0.7332E-14		
		0.8145E+01	-0.7397E-14		
		0.8429E+01	-0.7439E-14		
		0.8714E+01	-0.7454E-14		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6354E+02	0.0000E+00
		0.1500E-02	-0.1961E-03		
		0.3063E+00	-0.1532E-03		
		0.6111E+00	-0.1132E-03		
		0.9159E+00	-0.7886E-04		
		0.1211E+01	-0.5256E-04		
		0.1505E+01	-0.3309E-04		
		0.1800E+01	-0.1966E-04		

		0.3820E+01	-0.1072E-06		
		0.5840E+01	-0.2909E-10		
		0.7860E+01	0.9180E-14		
		0.8145E+01	0.9148E-14		
		0.8429E+01	0.9131E-14		
		0.8714E+01	0.9126E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6844E+02	0.0000E+00
		0.1500E-02	-0.9095E-02		
		0.3063E+00	-0.6832E-02		
		0.6111E+00	-0.4942E-02		
		0.9159E+00	-0.3429E-02		
		0.1211E+01	-0.2306E-02		
		0.1505E+01	-0.1483E-02		
		0.1800E+01	-0.9094E-03		
		0.3820E+01	-0.7922E-05		
		0.5840E+01	-0.5053E-08		
		0.7860E+01	0.5726E-13		
		0.8145E+01	0.6044E-13		
		0.8429E+01	0.6208E-13		
		0.8714E+01	0.6259E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6844E+02	0.0000E+00
		0.1500E-02	-0.5169E-02		
		0.3063E+00	-0.3888E-02		
		0.6111E+00	-0.2816E-02		
		0.9159E+00	-0.1955E-02		
		0.1211E+01	-0.1316E-02		
		0.1505E+01	-0.8465E-03		
		0.1800E+01	-0.5194E-03		
		0.3820E+01	-0.4532E-05		
		0.5840E+01	-0.2892E-08		
		0.7860E+01	-0.2918E-13		
		0.8145E+01	-0.2740E-13		
		0.8429E+01	-0.2648E-13		
		0.8714E+01	-0.2620E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6844E+02	0.0000E+00
		0.1500E-02	-0.2322E-02		
		0.3063E+00	-0.1752E-02		
		0.6111E+00	-0.1272E-02		
		0.9159E+00	-0.8848E-03		
		0.1211E+01	-0.5965E-03		
		0.1505E+01	-0.3842E-03		
		0.1800E+01	-0.2360E-03		
		0.3820E+01	-0.2067E-05		
		0.5840E+01	-0.1321E-08		
		0.7860E+01	-0.6531E-13		
		0.8145E+01	-0.6463E-13		
		0.8429E+01	-0.6427E-13		
		0.8714E+01	-0.6417E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6844E+02	0.0000E+00
		0.1500E-02	-0.1984E-03		
		0.3063E+00	-0.1580E-03		
		0.6111E+00	-0.1196E-03		

		0.9159E+00	-0.8599E-04		
		0.1211E+01	-0.5944E-04		
		0.1505E+01	-0.3906E-04		
		0.1800E+01	-0.2438E-04		
		0.3820E+01	-0.2255E-06		
		0.5840E+01	-0.1467E-09		
		0.7860E+01	-0.5348E-13		
		0.8145E+01	-0.5356E-13		
		0.8429E+01	-0.5360E-13		
		0.8714E+01	-0.5362E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7312E+02	0.0000E+00
		0.1500E-02	-0.9159E-02		
		0.3063E+00	-0.6969E-02		
		0.6111E+00	-0.5130E-02		
		0.9159E+00	-0.3641E-02		
		0.1211E+01	-0.2516E-02		
		0.1505E+01	-0.1672E-02		
		0.1800E+01	-0.1065E-02		
		0.3820E+01	-0.1408E-04		
		0.5840E+01	-0.1805E-07		
		0.7860E+01	0.4971E-12		
		0.8145E+01	0.5224E-12		
		0.8429E+01	0.5352E-12		
		0.8714E+01	0.5392E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7312E+02	0.0000E+00
		0.1500E-02	-0.5206E-02		
		0.3063E+00	-0.3966E-02		
		0.6111E+00	-0.2923E-02		
		0.9159E+00	-0.2076E-02		
		0.1211E+01	-0.1436E-02		
		0.1505E+01	-0.9546E-03		
		0.1800E+01	-0.6085E-03		
		0.3820E+01	-0.8063E-05		
		0.5840E+01	-0.1034E-07		
		0.7860E+01	0.2154E-12		
		0.8145E+01	0.2297E-12		
		0.8429E+01	0.2371E-12		
		0.8714E+01	0.2394E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7312E+02	0.0000E+00
		0.1500E-02	-0.2339E-02		
		0.3063E+00	-0.1788E-02		
		0.6111E+00	-0.1321E-02		
		0.9159E+00	-0.9404E-03		
		0.1211E+01	-0.6516E-03		
		0.1505E+01	-0.4337E-03		
		0.1800E+01	-0.2768E-03		
		0.3820E+01	-0.3684E-05		
		0.5840E+01	-0.4731E-08		
		0.7860E+01	0.5476E-13		
		0.8145E+01	0.6167E-13		
		0.8429E+01	0.6538E-13		
		0.8714E+01	0.6655E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7312E+02	0.0000E+00
		0.1500E-02	-0.2003E-03		
		0.3063E+00	-0.1621E-03		
		0.6111E+00	-0.1253E-03		
		0.9159E+00	-0.9238E-04		
		0.1211E+01	-0.6576E-04		
		0.1505E+01	-0.4474E-04		
		0.1800E+01	-0.2906E-04		
		0.3820E+01	-0.4112E-06		
		0.5840E+01	-0.5390E-09		
		0.7860E+01	-0.5734E-13		
		0.8145E+01	-0.5606E-13		
		0.8429E+01	-0.5517E-13		
		0.8714E+01	-0.5487E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7759E+02	0.0000E+00
		0.1500E-02	-0.9214E-02		
		0.3063E+00	-0.7085E-02		
		0.6111E+00	-0.5291E-02		
		0.9159E+00	-0.3826E-02		
		0.1211E+01	-0.2704E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1213E-02		
		0.3820E+01	-0.2257E-04		
		0.5840E+01	-0.5122E-07		
		0.7860E+01	0.3727E-11		
		0.8145E+01	0.3883E-11		
		0.8429E+01	0.3964E-11		
		0.8714E+01	0.3989E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7759E+02	0.0000E+00
		0.1500E-02	-0.5237E-02		
		0.3063E+00	-0.4033E-02		
		0.6111E+00	-0.3016E-02		
		0.9159E+00	-0.2183E-02		
		0.1211E+01	-0.1544E-02		
		0.1505E+01	-0.1054E-02		
		0.1800E+01	-0.6932E-03		
		0.3820E+01	-0.1293E-04		
		0.5840E+01	-0.2937E-07		
		0.7860E+01	0.1134E-11		
		0.8145E+01	0.1216E-11		
		0.8429E+01	0.1259E-11		
		0.8714E+01	0.1272E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7759E+02	0.0000E+00
		0.1500E-02	-0.2353E-02		
		0.3063E+00	-0.1818E-02		
		0.6111E+00	-0.1363E-02		
		0.9159E+00	-0.9891E-03		
		0.1211E+01	-0.7009E-03		
		0.1505E+01	-0.4793E-03		
		0.1800E+01	-0.3157E-03		
		0.3820E+01	-0.5918E-05		
		0.5840E+01	-0.1346E-07		
		0.7860E+01	0.4984E-12		

		0.8145E+01	0.5363E-12		
		0.8429E+01	0.5566E-12		
		0.8714E+01	0.5629E-12		
/5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7759E+02	0.0000E+00
		0.1500E-02	-0.2020E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1303E-03		
		0.9159E+00	-0.9812E-04		
		0.1211E+01	-0.7159E-04		
		0.1505E+01	-0.5012E-04		
		0.1800E+01	-0.3365E-04		
		0.3820E+01	-0.6751E-06		
		0.5840E+01	-0.1572E-08		
		0.7860E+01	0.2665E-12		
		0.8145E+01	0.2733E-12		
		0.8429E+01	0.2782E-12		
		0.8714E+01	0.2799E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8188E+02	0.0000E+00
		0.1500E-02	-0.9261E-02		
		0.3063E+00	-0.7184E-02		
		0.6111E+00	-0.5431E-02		
		0.9159E+00	-0.3988E-02		
		0.1211E+01	-0.2871E-02		
)		0.1505E+01	-0.2003E-02		
		0.1800E+01	-0.1351E-02		
		0.3820E+01	-0.3346E-04		
		0.5840E+01	-0.1222E-06		
		0.7860E+01	0.2948E-10		
		0.8145E+01	0.3023E-10		
		0.8429E+01	0.3063E-10		
		0.8714E+01	0.3075E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8188E+02	0.0000E+00
		0.1500E-02	-0.5264E-02		
		0.3063E+00	-0.4090E-02		
		0.6111E+00	-0.3096E-02		
		0.9159E+00	-0.2276E-02		
		0.1211E+01	-0.1640E-02		
		0.1505E+01	-0.1145E-02		
		0.1800E+01	-0.7730E-03		
		0.3820E+01	-0.1918E-04		
		0.5840E+01	-0.7013E-07		
		0.7860E+01	0.8482E-11		
		0.8145E+01	0.8866E-11		
		0.8429E+01	0.9066E-11		
		0.8714E+01	0.9129E-11		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8188E+02	0.0000E+00
)		0.1500E-02	-0.2365E-02		
		0.3063E+00	-0.1844E-02		
		0.6111E+00	-0.1400E-02		
		0.9159E+00	-0.1032E-02		
		0.1211E+01	-0.7452E-03		
		0.1505E+01	-0.5211E-03		

		0.1800E+01	-0.3523E-03		
		0.3820E+01	-0.8791E-05		
		0.5840E+01	-0.3221E-07		
		0.7860E+01	0.2534E-11		
		0.8145E+01	0.2703E-11		
		0.8429E+01	0.2794E-11		
		0.8714E+01	0.2823E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8188E+02	0.0000E+00
		0.1500E-02	-0.2035E-03		
		0.3063E+00	-0.1689E-03		
		0.6111E+00	-0.1347E-03		
		0.9159E+00	-0.1033E-03		
		0.1211E+01	-0.7695E-04		
		0.1505E+01	-0.5519E-04		
		0.1800E+01	-0.3809E-04		
		0.3820E+01	-0.1024E-05		
		0.5840E+01	-0.3849E-08		
		0.7860E+01	0.1107E-11		
		0.8145E+01	0.1136E-11		
		0.8429E+01	0.1156E-11		
		0.8714E+01	0.1163E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8603E+02	0.0000E+00
		0.1500E-02	-0.9301E-02		
		0.3063E+00	-0.7270E-02		
		0.6111E+00	-0.5552E-02		
		0.9159E+00	-0.4131E-02		
		0.1211E+01	-0.3022E-02		
		0.1505E+01	-0.2148E-02		
		0.1800E+01	-0.1481E-02		
		0.3820E+01	-0.4667E-04		
		0.5840E+01	-0.2552E-06		
		0.7860E+01	0.1741E-09		
		0.8145E+01	0.1771E-09		
		0.8429E+01	0.1787E-09		
		0.8714E+01	0.1792E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8603E+02	0.0000E+00
		0.1500E-02	-0.5287E-02		
		0.3063E+00	-0.4139E-02		
		0.6111E+00	-0.3165E-02		
		0.9159E+00	-0.2358E-02		
		0.1211E+01	-0.1726E-02		
		0.1505E+01	-0.1228E-02		
		0.1800E+01	-0.8477E-03		
		0.3820E+01	-0.2678E-04		
		0.5840E+01	-0.1465E-06		
		0.7860E+01	0.5684E-10		
		0.8145E+01	0.5830E-10		
		0.8429E+01	0.5908E-10		
		0.8714E+01	0.5933E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8603E+02	0.0000E+00
		0.1500E-02	-0.2376E-02		
		0.3063E+00	-0.1867E-02		

		0.6111E+00	-0.1432E-02		
		0.9159E+00	-0.1070E-02		
		0.1211E+01	-0.7850E-03		
		0.1505E+01	-0.5595E-03		
		0.1800E+01	-0.3868E-03		
		0.3820E+01	-0.1229E-04		
		0.5840E+01	-0.6741E-07		
		0.7860E+01	0.1763E-10		
		0.8145E+01	0.1827E-10		
		0.8429E+01	0.1861E-10		
		0.8714E+01	0.1873E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8603E+02	0.0000E+00
		0.1500E-02	-0.2048E-03		
		0.3063E+00	-0.1717E-03		
		0.6111E+00	-0.1387E-03		
		0.9159E+00	-0.1080E-03		
		0.1211E+01	-0.8190E-04		
		0.1505E+01	-0.5997E-04		
		0.1800E+01	-0.4238E-04		
		0.3820E+01	-0.1460E-05		
		0.5840E+01	-0.8238E-08		
		0.7860E+01	0.5726E-11		
		0.8145E+01	0.5844E-11		
		0.8429E+01	0.5925E-11		
		0.8714E+01	0.5954E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9003E+02	0.0000E+00
		0.1500E-02	-0.9335E-02		
		0.3063E+00	-0.7344E-02		
		0.6111E+00	-0.5658E-02		
		0.9159E+00	-0.4258E-02		
		0.1211E+01	-0.3157E-02		
		0.1505E+01	-0.2281E-02		
		0.1800E+01	-0.1603E-02		
		0.3820E+01	-0.6207E-04		
		0.5840E+01	-0.4794E-06		
		0.7860E+01	0.7933E-09		
		0.8145E+01	0.8030E-09		
		0.8429E+01	0.8084E-09		
		0.8714E+01	0.8101E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9003E+02	0.0000E+00
		0.1500E-02	-0.5307E-02		
		0.3063E+00	-0.4182E-02		
		0.6111E+00	-0.3226E-02		
		0.9159E+00	-0.2431E-02		
		0.1211E+01	-0.1804E-02		
		0.1505E+01	-0.1304E-02		
		0.1800E+01	-0.9174E-03		
		0.3820E+01	-0.3563E-04		
		0.5840E+01	-0.2755E-06		
		0.7860E+01	0.2886E-09		
		0.8145E+01	0.2934E-09		
		0.8429E+01	0.2960E-09		
		0.8714E+01	0.2969E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9003E+02	0.0000E+00
		0.1500E-02	-0.2385E-02		
		0.3063E+00	-0.1887E-02		
		0.6111E+00	-0.1461E-02		
		0.9159E+00	-0.1104E-02		
		0.1211E+01	-0.8209E-03		
		0.1505E+01	-0.5947E-03		
		0.1800E+01	-0.4190E-03		
		0.3820E+01	-0.1638E-04		
		0.5840E+01	-0.1270E-06		
		0.7860E+01	0.1006E-09		
		0.8145E+01	0.1027E-09		
		0.8429E+01	0.1038E-09		
		0.8714E+01	0.1042E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9003E+02	0.0000E+00
		0.1500E-02	-0.2060E-03		
		0.3063E+00	-0.1742E-03		
		0.6111E+00	-0.1423E-03		
		0.9159E+00	-0.1123E-03		
		0.1211E+01	-0.8649E-04		
		0.1505E+01	-0.6446E-04		
		0.1800E+01	-0.4649E-04		
		0.3820E+01	-0.1982E-05		
		0.5840E+01	-0.1585E-07		
		0.7860E+01	0.3427E-10		
		0.8145E+01	0.3472E-10		
		0.8429E+01	0.3502E-10		
		0.8714E+01	0.3512E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9392E+02	0.0000E+00
		0.1500E-02	-0.9366E-02		
		0.3063E+00	-0.7410E-02		
		0.6111E+00	-0.5752E-02		
		0.9159E+00	-0.4371E-02		
		0.1211E+01	-0.3279E-02		
		0.1505E+01	-0.2402E-02		
		0.1800E+01	-0.1716E-02		
		0.3820E+01	-0.7944E-04		
		0.5840E+01	-0.8277E-06		
		0.7860E+01	0.2952E-08		
		0.8145E+01	0.2981E-08		
		0.8429E+01	0.2997E-08		
		0.8714E+01	0.3002E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9392E+02	0.0000E+00
		0.1500E-02	-0.5324E-02		
		0.3063E+00	-0.4220E-02		
		0.6111E+00	-0.3280E-02		
		0.9159E+00	-0.2496E-02		
		0.1211E+01	-0.1874E-02		
		0.1505E+01	-0.1374E-02		
		0.1800E+01	-0.9824E-03		
		0.3820E+01	-0.4563E-04		
		0.5840E+01	-0.4761E-06		

		0.7860E+01	0.1170E-08		
		0.8145E+01	0.1184E-08		
		0.8429E+01	0.1191E-08		
		0.8714E+01	0.1194E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9392E+02	0.0000E+00
		0.1500E-02	-0.2393E-02		
		0.3063E+00	-0.1904E-02		
		0.6111E+00	-0.1486E-02		
		0.9159E+00	-0.1134E-02		
		0.1211E+01	-0.8533E-03		
		0.1505E+01	-0.6270E-03		
		0.1800E+01	-0.4490E-03		
		0.3820E+01	-0.2101E-04		
		0.5840E+01	-0.2198E-06		
		0.7860E+01	0.4479E-09		
		0.8145E+01	0.4541E-09		
		0.8429E+01	0.4575E-09		
		0.8714E+01	0.4587E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9392E+02	0.0000E+00
		0.1500E-02	-0.2071E-03		
		0.3063E+00	-0.1765E-03		
		0.6111E+00	-0.1456E-03		
		0.9159E+00	-0.1163E-03		
		0.1211E+01	-0.9073E-04		
		0.1505E+01	-0.6868E-04		
		0.1800E+01	-0.5043E-04		
		0.3820E+01	-0.2588E-05		
		0.5840E+01	-0.2801E-07		
		0.7860E+01	0.1671E-09		
		0.8145E+01	0.1687E-09		
		0.8429E+01	0.1697E-09		
		0.8714E+01	0.1700E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9769E+02	0.0000E+00
		0.1500E-02	-0.9393E-02		
		0.3063E+00	-0.7467E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4472E-02		
		0.1211E+01	-0.3389E-02		
		0.1505E+01	-0.2513E-02		
		0.1800E+01	-0.1821E-02		
		0.3820E+01	-0.9852E-04		
		0.5840E+01	-0.1334E-05		
		0.7860E+01	0.9353E-08		
		0.8145E+01	0.9427E-08		
		0.8429E+01	0.9469E-08		
		0.8714E+01	0.9483E-08		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9769E+02	0.0000E+00
		0.1500E-02	-0.5340E-02		
		0.3063E+00	-0.4253E-02		
		0.6111E+00	-0.3328E-02		
		0.9159E+00	-0.2554E-02		
		0.1211E+01	-0.1938E-02		

		0.1505E+01	-0.1438E-02		
		0.1800E+01	-0.1043E-02		
		0.3820E+01	-0.5664E-04		
		0.5840E+01	-0.7679E-06		
		0.7860E+01	0.3975E-08		
		0.8145E+01	0.4012E-08		
		0.8429E+01	0.4032E-08		
		0.8714E+01	0.4039E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9769E+02	0.0000E+00
		0.1500E-02	-0.2401E-02		
		0.3063E+00	-0.1920E-02		
		0.6111E+00	-0.1508E-02		
		0.9159E+00	-0.1161E-02		
		0.1211E+01	-0.8827E-03		
		0.1505E+01	-0.6566E-03		
		0.1800E+01	-0.4771E-03		
		0.3820E+01	-0.2611E-04		
		0.5840E+01	-0.3551E-06		
		0.7860E+01	0.1641E-08		
		0.8145E+01	0.1657E-08		
		0.8429E+01	0.1667E-08		
		0.8714E+01	0.1670E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9769E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1786E-03		
		0.6111E+00	-0.1486E-03		
		0.9159E+00	-0.1199E-03		
		0.1211E+01	-0.9467E-04		
		0.1505E+01	-0.7265E-04		
		0.1800E+01	-0.5418E-04		
		0.3820E+01	-0.3271E-05		
		0.5840E+01	-0.4615E-07		
		0.7860E+01	0.6611E-09		
		0.8145E+01	0.6659E-09		
		0.8429E+01	0.6690E-09		
		0.8714E+01	0.6700E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1014E+03	0.0000E+00
		0.1500E-02	-0.9416E-02		
		0.3063E+00	-0.7519E-02		
		0.6111E+00	-0.5910E-02		
		0.9159E+00	-0.4563E-02		
		0.1211E+01	-0.3489E-02		
		0.1505E+01	-0.2614E-02		
		0.1800E+01	-0.1918E-02		
		0.3820E+01	-0.1191E-03		
		0.5840E+01	-0.2031E-05		
		0.7860E+01	0.2597E-07		
		0.8145E+01	0.2614E-07		
		0.8429E+01	0.2624E-07		
		0.8714E+01	0.2628E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1014E+03	0.0000E+00
		0.1500E-02	-0.5354E-02		

		0.3063E+00	-0.4282E-02		
		0.6111E+00	-0.3371E-02		
		0.9159E+00	-0.2607E-02		
		0.1211E+01	-0.1995E-02		
		0.1505E+01	-0.1497E-02		
		0.1800E+01	-0.1099E-02		
		0.3820E+01	-0.6850E-04		
		0.5840E+01	-0.1170E-05		
		0.7860E+01	0.1172E-07		
		0.8145E+01	0.1181E-07		
		0.8429E+01	0.1186E-07		
		0.8714E+01	0.1188E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1014E+03	0.0000E+00
		0.1500E-02	-0.2407E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1528E-02		
		0.9159E+00	-0.1185E-02		
		0.1211E+01	-0.9095E-03		
		0.1505E+01	-0.6839E-03		
		0.1800E+01	-0.5032E-03		
		0.3820E+01	-0.3162E-04		
		0.5840E+01	-0.5420E-06		
		0.7860E+01	0.5154E-08		
		0.8145E+01	0.5194E-08		
		0.8429E+01	0.5218E-08		
		0.8714E+01	0.5226E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1014E+03	0.0000E+00
		0.1500E-02	-0.2089E-03		
		0.3063E+00	-0.1805E-03		
		0.6111E+00	-0.1513E-03		
		0.9159E+00	-0.1232E-03		
		0.1211E+01	-0.9834E-04		
		0.1505E+01	-0.7639E-04		
		0.1800E+01	-0.5776E-04		
		0.3820E+01	-0.4026E-05		
		0.5840E+01	-0.7177E-07		
		0.7860E+01	0.2213E-08		
		0.8145E+01	0.2227E-08		
		0.8429E+01	0.2235E-08		
		0.8714E+01	0.2238E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1049E+03	0.0000E+00
		0.1500E-02	-0.9437E-02		
		0.3063E+00	-0.7564E-02		
		0.6111E+00	-0.5976E-02		
		0.9159E+00	-0.4645E-02		
		0.1211E+01	-0.3579E-02		
		0.1505E+01	-0.2708E-02		
		0.1800E+01	-0.2008E-02		
		0.3820E+01	-0.1408E-03		
		0.5840E+01	-0.2948E-05		
		0.7860E+01	0.6459E-07		
		0.8145E+01	0.6497E-07		
		0.8429E+01	0.6520E-07		

		0.8714E+01	0.6527E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1049E+03	0.0000E+00
		0.1500E-02	-0.5366E-02		
		0.3063E+00	-0.4309E-02		
		0.6111E+00	-0.3410E-02		
		0.9159E+00	-0.2654E-02		
		0.1211E+01	-0.2048E-02		
		0.1505E+01	-0.1551E-02		
		0.1800E+01	-0.1151E-02		
		0.3820E+01	-0.8106E-04		
		0.5840E+01	-0.1700E-05		
		0.7860E+01	0.3074E-07		
		0.8145E+01	0.3094E-07		
		0.8429E+01	0.3105E-07		
		0.8714E+01	0.3109E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1049E+03	0.0000E+00
		0.1500E-02	-0.2413E-02		
		0.3063E+00	-0.1946E-02		
		0.6111E+00	-0.1546E-02		
		0.9159E+00	-0.1207E-02		
		0.1211E+01	-0.9339E-03		
		0.1505E+01	-0.7090E-03		
		0.1800E+01	-0.5275E-03		
		0.3820E+01	-0.3747E-04		
		0.5840E+01	-0.7888E-06		
		0.7860E+01	0.1427E-07		
		0.8145E+01	0.1437E-07		
		0.8429E+01	0.1442E-07		
		0.8714E+01	0.1444E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1049E+03	0.0000E+00
		0.1500E-02	-0.2097E-03		
		0.3063E+00	-0.1822E-03		
		0.6111E+00	-0.1538E-03		
		0.9159E+00	-0.1263E-03		
		0.1211E+01	-0.1018E-03		
		0.1505E+01	-0.7990E-04		
		0.1800E+01	-0.6117E-04		
		0.3820E+01	-0.4846E-05		
		0.5840E+01	-0.1064E-06		
		0.7860E+01	0.6480E-08		
		0.8145E+01	0.6514E-08		
		0.8429E+01	0.6536E-08		
		0.8714E+01	0.6544E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1084E+03	0.0000E+00
		0.1500E-02	-0.9456E-02		
		0.3063E+00	-0.7605E-02		
		0.6111E+00	-0.6036E-02		
		0.9159E+00	-0.4719E-02		
		0.1211E+01	-0.3662E-02		
		0.1505E+01	-0.2793E-02		
		0.1800E+01	-0.2092E-02		
		0.3820E+01	-0.1635E-03		

		0.5840E+01	-0.4112E-05		
		0.7860E+01	0.1464E-06		
		0.8145E+01	0.1472E-06		
		0.8429E+01	0.1477E-06		
		0.8714E+01	0.1478E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1084E+03	0.0000E+00
		0.1500E-02	-0.5377E-02		
		0.3063E+00	-0.4332E-02		
		0.6111E+00	-0.3444E-02		
		0.9159E+00	-0.2697E-02		
		0.1211E+01	-0.2095E-02		
		0.1505E+01	-0.1600E-02		
		0.1800E+01	-0.1200E-02		
		0.3820E+01	-0.9419E-04		
		0.5840E+01	-0.2373E-05		
		0.7860E+01	0.7303E-07		
		0.8145E+01	0.7344E-07		
		0.8429E+01	0.7368E-07		
		0.8714E+01	0.7377E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1084E+03	0.0000E+00
		0.1500E-02	-0.2418E-02		
		0.3063E+00	-0.1957E-02		
		0.6111E+00	-0.1562E-02		
		0.9159E+00	-0.1227E-02		
		0.1211E+01	-0.9562E-03		
		0.1505E+01	-0.7321E-03		
		0.1800E+01	-0.5502E-03		
		0.3820E+01	-0.4359E-04		
		0.5840E+01	-0.1103E-05		
		0.7860E+01	0.3559E-07		
		0.8145E+01	0.3579E-07		
		0.8429E+01	0.3591E-07		
		0.8714E+01	0.3596E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1084E+03	0.0000E+00
		0.1500E-02	-0.2104E-03		
		0.3063E+00	-0.1838E-03		
		0.6111E+00	-0.1561E-03		
		0.9159E+00	-0.1292E-03		
		0.1211E+01	-0.1049E-03		
		0.1505E+01	-0.8322E-04		
		0.1800E+01	-0.6441E-04		
		0.3820E+01	-0.5723E-05		
		0.5840E+01	-0.1513E-06		
		0.7860E+01	0.1697E-07		
		0.8145E+01	0.1705E-07		
		0.8429E+01	0.1710E-07		
		0.8714E+01	0.1712E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1118E+03	0.0000E+00
		0.1500E-02	-0.9473E-02		
		0.3063E+00	-0.7642E-02		
		0.6111E+00	-0.6090E-02		
		0.9159E+00	-0.4787E-02		

		0.1211E+01	-0.3737E-02		
		0.1505E+01	-0.2872E-02		
		0.1800E+01	-0.2171E-02		
		0.3820E+01	-0.1870E-03		
		0.5840E+01	-0.5543E-05		
		0.7860E+01	0.3067E-06		
		0.8145E+01	0.3082E-06		
		0.8429E+01	0.3091E-06		
		0.8714E+01	0.3094E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1118E+03	0.0000E+00
		0.1500E-02	-0.5386E-02		
		0.3063E+00	-0.4354E-02		
		0.6111E+00	-0.3476E-02		
		0.9159E+00	-0.2736E-02		
		0.1211E+01	-0.2139E-02		
		0.1505E+01	-0.1646E-02		
		0.1800E+01	-0.1245E-02		
		0.3820E+01	-0.1077E-03		
		0.5840E+01	-0.3201E-05		
		0.7860E+01	0.1595E-06		
		0.8145E+01	0.1603E-06		
		0.8429E+01	0.1608E-06		
		0.8714E+01	0.1610E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1118E+03	0.0000E+00
		0.1500E-02	-0.2422E-02		
		0.3063E+00	-0.1967E-02		
		0.6111E+00	-0.1576E-02		
		0.9159E+00	-0.1245E-02		
		0.1211E+01	-0.9766E-03		
		0.1505E+01	-0.7535E-03		
		0.1800E+01	-0.5713E-03		
		0.3820E+01	-0.4993E-04		
		0.5840E+01	-0.1490E-05		
		0.7860E+01	0.8118E-07		
		0.8145E+01	0.8159E-07		
		0.8429E+01	0.8184E-07		
		0.8714E+01	0.8192E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1118E+03	0.0000E+00
		0.1500E-02	-0.2111E-03		
		0.3063E+00	-0.1852E-03		
		0.6111E+00	-0.1583E-03		
		0.9159E+00	-0.1318E-03		
		0.1211E+01	-0.1079E-03		
		0.1505E+01	-0.8634E-04		
		0.1800E+01	-0.6750E-04		
		0.3820E+01	-0.6649E-05		
		0.5840E+01	-0.2079E-06		
		0.7860E+01	0.4045E-07		
		0.8145E+01	0.4063E-07		
		0.8429E+01	0.4074E-07		
		0.8714E+01	0.4078E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1152E+03	0.0000E+00

		0.1500E-02	-0.9488E-02		
		0.3063E+00	-0.7675E-02		
		0.6111E+00	-0.6139E-02		
		0.9159E+00	-0.4848E-02		
		0.1211E+01	-0.3806E-02		
		0.1505E+01	-0.2945E-02		
		0.1800E+01	-0.2243E-02		
		0.3820E+01	-0.2109E-03		
		0.5840E+01	-0.7255E-05		
		0.7860E+01	0.6004E-06		
		0.8145E+01	0.6031E-06		
		0.8429E+01	0.6046E-06		
		0.8714E+01	0.6052E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1152E+03	0.0000E+00
		0.1500E-02	-0.5395E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3504E-02		
		0.9159E+00	-0.2771E-02		
		0.1211E+01	-0.2179E-02		
		0.1505E+01	-0.1688E-02		
		0.1800E+01	-0.1287E-02		
		0.3820E+01	-0.1216E-03		
		0.5840E+01	-0.4193E-05		
		0.7860E+01	0.3242E-06		
		0.8145E+01	0.3257E-06		
		0.8429E+01	0.3266E-06		
		0.8714E+01	0.3269E-06		
)1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1152E+03	0.0000E+00
		0.1500E-02	-0.2426E-02		
		0.3063E+00	-0.1976E-02		
		0.6111E+00	-0.1590E-02		
		0.9159E+00	-0.1262E-02		
		0.1211E+01	-0.9953E-03		
		0.1505E+01	-0.7732E-03		
		0.1800E+01	-0.5910E-03		
		0.3820E+01	-0.5643E-04		
		0.5840E+01	-0.1955E-05		
		0.7860E+01	0.1715E-06		
		0.8145E+01	0.1723E-06		
		0.8429E+01	0.1728E-06		
		0.8714E+01	0.1730E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1152E+03	0.0000E+00
		0.1500E-02	-0.2117E-03		
		0.3063E+00	-0.1866E-03		
		0.6111E+00	-0.1603E-03		
		0.9159E+00	-0.1343E-03		
		0.1211E+01	-0.1107E-03		
		0.1505E+01	-0.8928E-04		
		0.1800E+01	-0.7043E-04		
		0.3820E+01	-0.7618E-05		
		0.5840E+01	-0.2772E-06		
		0.7860E+01	0.8893E-07		
		0.8145E+01	0.8930E-07		
		0.8429E+01	0.8953E-07		
		0.8714E+01	0.8962E-07		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1184E+03	0.0000E+00
		0.1500E-02	-0.9502E-02		
		0.3063E+00	-0.7705E-02		
		0.6111E+00	-0.6183E-02		
		0.9159E+00	-0.4903E-02		
		0.1211E+01	-0.3869E-02		
		0.1505E+01	-0.3012E-02		
		0.1800E+01	-0.2310E-02		
		0.3820E+01	-0.2352E-03		
		0.5840E+01	-0.9257E-05		
		0.7860E+01	0.1108E-05		
		0.8145E+01	0.1113E-05		
		0.8429E+01	0.1115E-05		
		0.8714E+01	0.1116E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1184E+03	0.0000E+00
		0.1500E-02	-0.5403E-02		
		0.3063E+00	-0.4390E-02		
		0.6111E+00	-0.3530E-02		
		0.9159E+00	-0.2804E-02		
		0.1211E+01	-0.2216E-02		
		0.1505E+01	-0.1727E-02		
		0.1800E+01	-0.1326E-02		
		0.3820E+01	-0.1357E-03		
		0.5840E+01	-0.5354E-05		
		0.7860E+01	0.6190E-06		
		0.8145E+01	0.6217E-06		
		0.8429E+01	0.6232E-06		
		0.8714E+01	0.6238E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1184E+03	0.0000E+00
		0.1500E-02	-0.2430E-02		
		0.3063E+00	-0.1984E-02		
		0.6111E+00	-0.1602E-02		
		0.9159E+00	-0.1277E-02		
		0.1211E+01	-0.1012E-02		
		0.1505E+01	-0.7915E-03		
		0.1800E+01	-0.6093E-03		
		0.3820E+01	-0.6303E-04		
		0.5840E+01	-0.2500E-05		
		0.7860E+01	0.3392E-06		
		0.8145E+01	0.3406E-06		
		0.8429E+01	0.3415E-06		
		0.8714E+01	0.3418E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1184E+03	0.0000E+00
		0.1500E-02	-0.2123E-03		
		0.3063E+00	-0.1878E-03		
		0.6111E+00	-0.1621E-03		
		0.9159E+00	-0.1366E-03		
		0.1211E+01	-0.1133E-03		
		0.1505E+01	-0.9205E-04		
		0.1800E+01	-0.7322E-04		
		0.3820E+01	-0.8622E-05		
		0.5840E+01	-0.3600E-06		
		0.7860E+01	0.1823E-06		
		0.8145E+01	0.1830E-06		

		0.8429E+01	0.1835E-06		
		0.8714E+01	0.1837E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1216E+03	0.0000E+00
		0.1500E-02	-0.9515E-02		
		0.3063E+00	-0.7733E-02		
		0.6111E+00	-0.6224E-02		
		0.9159E+00	-0.4954E-02		
		0.1211E+01	-0.3927E-02		
		0.1505E+01	-0.3074E-02		
		0.1800E+01	-0.2373E-02		
		0.3820E+01	-0.2596E-03		
		0.5840E+01	-0.1155E-04		
		0.7860E+01	0.1943E-05		
		0.8145E+01	0.1950E-05		
		0.8429E+01	0.1955E-05		
		0.8714E+01	0.1956E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1216E+03	0.0000E+00
		0.1500E-02	-0.5411E-02		
		0.3063E+00	-0.4406E-02		
		0.6111E+00	-0.3553E-02		
		0.9159E+00	-0.2833E-02		
		0.1211E+01	-0.2249E-02		
		0.1505E+01	-0.1763E-02		
		0.1800E+01	-0.1363E-02		
		0.3820E+01	-0.1498E-03		
		0.5840E+01	-0.6687E-05		
		0.7860E+01	0.1119E-05		
		0.8145E+01	0.1124E-05		
		0.8429E+01	0.1126E-05		
		0.8714E+01	0.1127E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1216E+03	0.0000E+00
		0.1500E-02	-0.2434E-02		
		0.3063E+00	-0.1991E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1291E-02		
		0.1211E+01	-0.1028E-02		
		0.1505E+01	-0.8084E-03		
		0.1800E+01	-0.6265E-03		
		0.3820E+01	-0.6970E-04		
		0.5840E+01	-0.3126E-05		
		0.7860E+01	0.6332E-06		
		0.8145E+01	0.6357E-06		
		0.8429E+01	0.6373E-06		
		0.8714E+01	0.6378E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1216E+03	0.0000E+00
		0.1500E-02	-0.2128E-03		
		0.3063E+00	-0.1890E-03		
		0.6111E+00	-0.1638E-03		
		0.9159E+00	-0.1388E-03		
		0.1211E+01	-0.1158E-03		
		0.1505E+01	-0.9467E-04		
		0.1800E+01	-0.7588E-04		

		0.3820E+01	-0.9655E-05		
		0.5840E+01	-0.4569E-06		
		0.7860E+01	0.3517E-06		
		0.8145E+01	0.3530E-06		
		0.8429E+01	0.3539E-06		
		0.8714E+01	0.3542E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1248E+03	0.0000E+00
		0.1500E-02	-0.9526E-02		
		0.3063E+00	-0.7758E-02		
		0.6111E+00	-0.6261E-02		
		0.9159E+00	-0.5001E-02		
		0.1211E+01	-0.3981E-02		
		0.1505E+01	-0.3131E-02		
		0.1800E+01	-0.2432E-02		
		0.3820E+01	-0.2840E-03		
		0.5840E+01	-0.1414E-04		
		0.7860E+01	0.3256E-05		
		0.8145E+01	0.3268E-05		
		0.8429E+01	0.3275E-05		
		0.8714E+01	0.3278E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1248E+03	0.0000E+00
		0.1500E-02	-0.5417E-02		
		0.3063E+00	-0.4421E-02		
		0.6111E+00	-0.3575E-02		
		0.9159E+00	-0.2860E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1796E-02		
		0.1800E+01	-0.1397E-02		
		0.3820E+01	-0.1640E-03		
		0.5840E+01	-0.8190E-05		
		0.7860E+01	0.1930E-05		
		0.8145E+01	0.1937E-05		
		0.8429E+01	0.1941E-05		
		0.8714E+01	0.1943E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1248E+03	0.0000E+00
		0.1500E-02	-0.2437E-02		
		0.3063E+00	-0.1998E-02		
		0.6111E+00	-0.1623E-02		
		0.9159E+00	-0.1304E-02		
		0.1211E+01	-0.1043E-02		
		0.1505E+01	-0.8241E-03		
		0.1800E+01	-0.6425E-03		
		0.3820E+01	-0.7639E-04		
		0.5840E+01	-0.3835E-05		
		0.7860E+01	0.1124E-05		
		0.8145E+01	0.1128E-05		
		0.8429E+01	0.1131E-05		
		0.8714E+01	0.1132E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1248E+03	0.0000E+00
		0.1500E-02	-0.2133E-03		
		0.3063E+00	-0.1901E-03		
		0.6111E+00	-0.1654E-03		

		0.9159E+00	-0.1408E-03		
		0.1211E+01	-0.1181E-03		
		0.1505E+01	-0.9715E-04		
		0.1800E+01	-0.7840E-04		
		0.3820E+01	-0.1071E-04		
		0.5840E+01	-0.5682E-06		
		0.7860E+01	0.6432E-06		
		0.8145E+01	0.6455E-06		
		0.8429E+01	0.6470E-06		
		0.8714E+01	0.6475E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1279E+03	0.0000E+00
		0.1500E-02	-0.9537E-02		
		0.3063E+00	-0.7780E-02		
		0.6111E+00	-0.6294E-02		
		0.9159E+00	-0.5044E-02		
		0.1211E+01	-0.4030E-02		
		0.1505E+01	-0.3184E-02		
		0.1800E+01	-0.2486E-02		
		0.3820E+01	-0.3083E-03		
		0.5840E+01	-0.1701E-04		
		0.7860E+01	0.5245E-05		
		0.8145E+01	0.5263E-05		
		0.8429E+01	0.5274E-05		
		0.8714E+01	0.5278E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1279E+03	0.0000E+00
		0.1500E-02	-0.5423E-02		
		0.3063E+00	-0.4434E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2885E-02		
		0.1211E+01	-0.2309E-02		
		0.1505E+01	-0.1827E-02		
		0.1800E+01	-0.1428E-02		
		0.3820E+01	-0.1782E-03		
		0.5840E+01	-0.9859E-05		
		0.7860E+01	0.3190E-05		
		0.8145E+01	0.3201E-05		
		0.8429E+01	0.3208E-05		
		0.8714E+01	0.3210E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1279E+03	0.0000E+00
		0.1500E-02	-0.2440E-02		
		0.3063E+00	-0.2004E-02		
		0.6111E+00	-0.1632E-02		
		0.9159E+00	-0.1316E-02		
		0.1211E+01	-0.1056E-02		
		0.1505E+01	-0.8386E-03		
		0.1800E+01	-0.6574E-03		
		0.3820E+01	-0.8306E-04		
		0.5840E+01	-0.4623E-05		
		0.7860E+01	0.1908E-05		
		0.8145E+01	0.1915E-05		
		0.8429E+01	0.1919E-05		
		0.8714E+01	0.1920E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1279E+03	0.0000E+00
		0.1500E-02	-0.2138E-03		
		0.3063E+00	-0.1911E-03		
		0.6111E+00	-0.1669E-03		
		0.9159E+00	-0.1427E-03		
		0.1211E+01	-0.1203E-03		
		0.1505E+01	-0.9949E-04		
		0.1800E+01	-0.8080E-04		
		0.3820E+01	-0.1178E-04		
		0.5840E+01	-0.6938E-06		
		0.7860E+01	0.1122E-05		
		0.8145E+01	0.1126E-05		
		0.8429E+01	0.1129E-05		
		0.8714E+01	0.1129E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1309E+03	0.0000E+00
		0.1500E-02	-0.9546E-02		
		0.3063E+00	-0.7801E-02		
		0.6111E+00	-0.6325E-02		
		0.9159E+00	-0.5083E-02		
		0.1211E+01	-0.4075E-02		
		0.1505E+01	-0.3234E-02		
		0.1800E+01	-0.2537E-02		
		0.3820E+01	-0.3324E-03		
		0.5840E+01	-0.2015E-04		
		0.7860E+01	0.8157E-05		
		0.8145E+01	0.8184E-05		
		0.8429E+01	0.8200E-05		
		0.8714E+01	0.8206E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1309E+03	0.0000E+00
		0.1500E-02	-0.5429E-02		
		0.3063E+00	-0.4446E-02		
		0.6111E+00	-0.3612E-02		
		0.9159E+00	-0.2908E-02		
		0.1211E+01	-0.2335E-02		
		0.1505E+01	-0.1856E-02		
		0.1800E+01	-0.1458E-02		
		0.3820E+01	-0.1922E-03		
		0.5840E+01	-0.1169E-04		
		0.7860E+01	0.5079E-05		
		0.8145E+01	0.5096E-05		
		0.8429E+01	0.5106E-05		
		0.8714E+01	0.5110E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1309E+03	0.0000E+00
		0.1500E-02	-0.2442E-02		
		0.3063E+00	-0.2010E-02		
		0.6111E+00	-0.1641E-02		
		0.9159E+00	-0.1326E-02		
		0.1211E+01	-0.1069E-02		
		0.1505E+01	-0.8522E-03		
		0.1800E+01	-0.6714E-03		
		0.3820E+01	-0.8970E-04		
		0.5840E+01	-0.5487E-05		
		0.7860E+01	0.3113E-05		

		0.8145E+01	0.3123E-05		
		0.8429E+01	0.3130E-05		
		0.8714E+01	0.3132E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1309E+03	0.0000E+00
		0.1500E-02	-0.2142E-03		
		0.3063E+00	-0.1920E-03		
		0.6111E+00	-0.1683E-03		
		0.9159E+00	-0.1445E-03		
		0.1211E+01	-0.1223E-03		
		0.1505E+01	-0.1017E-03		
		0.1800E+01	-0.8309E-04		
		0.3820E+01	-0.1287E-04		
		0.5840E+01	-0.8329E-06		
		0.7860E+01	0.1878E-05		
		0.8145E+01	0.1884E-05		
		0.8429E+01	0.1888E-05		
		0.8714E+01	0.1890E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1333E+03	0.0000E+00
		0.1500E-02	-0.9553E-02		
		0.3063E+00	-0.7816E-02		
		0.6111E+00	-0.6348E-02		
		0.9159E+00	-0.5112E-02		
		0.1211E+01	-0.4109E-02		
		0.1505E+01	-0.3270E-02		
		0.1800E+01	-0.2575E-02		
		0.3820E+01	-0.3514E-03		
		0.5840E+01	-0.2284E-04		
		0.7860E+01	0.1135E-04		
		0.8145E+01	0.1139E-04		
		0.8429E+01	0.1141E-04		
		0.8714E+01	0.1142E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1333E+03	0.0000E+00
		0.1500E-02	-0.5433E-02		
		0.3063E+00	-0.4455E-02		
		0.6111E+00	-0.3626E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2355E-02		
		0.1505E+01	-0.1877E-02		
		0.1800E+01	-0.1480E-02		
		0.3820E+01	-0.2033E-03		
		0.5840E+01	-0.1326E-04		
		0.7860E+01	0.7193E-05		
		0.8145E+01	0.7216E-05		
		0.8429E+01	0.7230E-05		
		0.8714E+01	0.7236E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1333E+03	0.0000E+00
		0.1500E-02	-0.2444E-02		
		0.3063E+00	-0.2014E-02		
		0.6111E+00	-0.1647E-02		
		0.9159E+00	-0.1334E-02		
		0.1211E+01	-0.1078E-02		
		0.1505E+01	-0.8624E-03		

		0.1800E+01	-0.6819E-03		
		0.3820E+01	-0.9496E-04		
		0.5840E+01	-0.6230E-05		
		0.7860E+01	0.4490E-05		
		0.8145E+01	0.4504E-05		
		0.8429E+01	0.4513E-05		
		0.8714E+01	0.4517E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1333E+03	0.0000E+00
		0.1500E-02	-0.2145E-03		
		0.3063E+00	-0.1927E-03		
		0.6111E+00	-0.1693E-03		
		0.9159E+00	-0.1458E-03		
		0.1211E+01	-0.1239E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8484E-04		
		0.3820E+01	-0.1374E-04		
		0.5840E+01	-0.9532E-06		
		0.7860E+01	0.2760E-05		
		0.8145E+01	0.2769E-05		
		0.8429E+01	0.2774E-05		
		0.8714E+01	0.2776E-05		

N O T I C E

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*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -        9:43:45            *
*           EXECUTION TIME    0: 1: 2            *
*                                                *
*                                                *
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CLR3

3-Foot Recompacted Cohesive Soil Liner
Coef. of Hydro. Disp. = 0.01975 m^2/yr
(Increased by 25%)

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*************************************************************
*                                                           *
*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                   RUN DATE -   15-11- 8                   *
*                   TIME     -    9:48:45                   *
*                                                           *
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Clinton LF No. 3 (CWU) CLR3 (Clay Liner 0.01975)

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SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.198E-01	.198E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.198E-01	.198E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.198E-01	.198E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1844E+02	0.0000E+00
		0.1500E-02	-0.7174E-02		
		0.3063E+00	-0.3018E-02		
		0.6111E+00	-0.8993E-03		
		0.9159E+00	-0.1926E-03		
		0.1211E+01	-0.2183E-04		
		0.1505E+01	-0.1509E-05		
		0.1800E+01	-0.6273E-07		
		0.3820E+01	-0.1102E-16		
		0.5840E+01	-0.5412E-23		
		0.7860E+01	0.2070E-32		
		0.8145E+01	0.1031E-32		
		0.8429E+01	0.5305E-33		
		0.8714E+01	0.3825E-33		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1844E+02	0.0000E+00
		0.1500E-02	-0.4074E-02		
		0.3063E+00	-0.1715E-02		
		0.6111E+00	-0.5110E-03		
		0.9159E+00	-0.1094E-03		
		0.1211E+01	-0.1240E-04		

		0.1505E+01	-0.8574E-06		
		0.1800E+01	-0.3565E-07		
		0.3820E+01	-0.6256E-17		
		0.5840E+01	-0.3084E-23		
		0.7860E+01	0.1427E-32		
		0.8145E+01	0.8359E-33		
		0.8429E+01	0.5466E-33		
		0.8714E+01	0.4602E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1844E+02	0.0000E+00
		0.1500E-02	-0.1827E-02		
		0.3063E+00	-0.7697E-03		
		0.6111E+00	-0.2295E-03		
		0.9159E+00	-0.4915E-04		
		0.1211E+01	-0.5572E-05		
		0.1505E+01	-0.3852E-06		
		0.1800E+01	-0.1602E-07		
		0.3820E+01	-0.2801E-17		
		0.5840E+01	-0.1394E-23		
		0.7860E+01	0.6810E-33		
		0.8145E+01	0.4105E-33		
		0.8429E+01	0.2721E-33		
		0.8714E+01	0.2299E-33		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1844E+02	0.0000E+00
		0.1500E-02	-0.1512E-03		
		0.3063E+00	-0.6477E-04		
		0.6111E+00	-0.1949E-04		
		0.9159E+00	-0.4195E-05		
		0.1211E+01	-0.4763E-06		
		0.1505E+01	-0.3295E-07		
		0.1800E+01	-0.1371E-08		
		0.3820E+01	-0.2241E-18		
		0.5840E+01	-0.1328E-24		
		0.7860E+01	0.1493E-33		
		0.8145E+01	0.1190E-33		
		0.8429E+01	0.9480E-34		
		0.8714E+01	0.8605E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3000E+02	0.0000E+00
		0.1500E-02	-0.8061E-02		
		0.3063E+00	-0.4588E-02		
		0.6111E+00	-0.2226E-02		
		0.9159E+00	-0.9389E-03		
		0.1211E+01	-0.2832E-03		
		0.1505E+01	-0.6740E-04		
		0.1800E+01	-0.1255E-04		
		0.3820E+01	-0.1184E-12		
		0.5840E+01	0.2429E-17		
		0.7860E+01	0.2273E-24		
		0.8145E+01	0.5508E-24		
		0.8429E+01	0.7166E-24		
		0.8714E+01	0.7675E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3000E+02	0.0000E+00
		0.1500E-02	-0.4579E-02		

		0.3063E+00	-0.2608E-02		
		0.6111E+00	-0.1266E-02		
		0.9159E+00	-0.5340E-03		
		0.1211E+01	-0.1611E-03		
		0.1505E+01	-0.3834E-04		
		0.1800E+01	-0.7141E-05		
		0.3820E+01	-0.6739E-13		
		0.5840E+01	0.1383E-17		
		0.7860E+01	-0.3161E-24		
		0.8145E+01	-0.1300E-24		
		0.8429E+01	-0.3300E-25		
		0.8714E+01	-0.2978E-26		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3000E+02	0.0000E+00
		0.1500E-02	-0.2054E-02		
		0.3063E+00	-0.1171E-02		
		0.6111E+00	-0.5691E-03		
		0.9159E+00	-0.2402E-03		
		0.1211E+01	-0.7250E-04		
		0.1505E+01	-0.1726E-04		
		0.1800E+01	-0.3215E-05		
		0.3820E+01	-0.3035E-13		
		0.5840E+01	0.6242E-18		
		0.7860E+01	-0.3019E-24		
		0.8145E+01	-0.2149E-24		
		0.8429E+01	-0.1678E-24		
		0.8714E+01	-0.1529E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3000E+02	0.0000E+00
		0.1500E-02	-0.1713E-03		
		0.3063E+00	-0.1003E-03		
		0.6111E+00	-0.4954E-04		
		0.9159E+00	-0.2112E-04		
		0.1211E+01	-0.6404E-05		
		0.1505E+01	-0.1529E-05		
		0.1800E+01	-0.2854E-06		
		0.3820E+01	-0.2712E-14		
		0.5840E+01	0.5808E-19		
		0.7860E+01	-0.8715E-25		
		0.8145E+01	-0.7289E-25		
		0.8429E+01	-0.6246E-25		
		0.8714E+01	-0.5875E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3937E+02	0.0000E+00
		0.1500E-02	-0.8499E-02		
		0.3063E+00	-0.5451E-02		
		0.6111E+00	-0.3169E-02		
		0.9159E+00	-0.1695E-02		
		0.1211E+01	-0.7190E-03		
		0.1505E+01	-0.2615E-03		
		0.1800E+01	-0.8115E-04		
		0.3820E+01	-0.2860E-09		
		0.5840E+01	0.2095E-15		
		0.7860E+01	-0.5127E-19		
		0.8145E+01	-0.5052E-19		
		0.8429E+01	-0.5020E-19		

		0.8714E+01	-0.5011E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3937E+02	0.0000E+00
		0.1500E-02	-0.4828E-02		
		0.3063E+00	-0.3099E-02		
		0.6111E+00	-0.1803E-02		
		0.9159E+00	-0.9648E-03		
		0.1211E+01	-0.4092E-03		
		0.1505E+01	-0.1489E-03		
		0.1800E+01	-0.4620E-04		
		0.3820E+01	-0.1628E-09		
		0.5840E+01	0.1192E-15		
		0.7860E+01	0.4608E-20		
		0.8145E+01	0.5306E-20		
		0.8429E+01	0.5663E-20		
		0.8714E+01	0.5772E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3937E+02	0.0000E+00
		0.1500E-02	-0.2167E-02		
		0.3063E+00	-0.1393E-02		
		0.6111E+00	-0.8115E-03		
		0.9159E+00	-0.4347E-03		
		0.1211E+01	-0.1845E-03		
		0.1505E+01	-0.6713E-04		
		0.1800E+01	-0.2083E-04		
		0.3820E+01	-0.7349E-10		
		0.5840E+01	0.5369E-16		
		0.7860E+01	0.6872E-20		
		0.8145E+01	0.7260E-20		
		0.8429E+01	0.7471E-20		
		0.8714E+01	0.7538E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3937E+02	0.0000E+00
		0.1500E-02	-0.1817E-03		
		0.3063E+00	-0.1208E-03		
		0.6111E+00	-0.7203E-04		
		0.9159E+00	-0.3913E-04		
		0.1211E+01	-0.1674E-04		
		0.1505E+01	-0.6128E-05		
		0.1800E+01	-0.1910E-05		
		0.3820E+01	-0.6802E-11		
		0.5840E+01	0.4839E-17		
		0.7860E+01	0.3003E-20		
		0.8145E+01	0.3080E-20		
		0.8429E+01	0.3135E-20		
		0.8714E+01	0.3154E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4748E+02	0.0000E+00
		0.1500E-02	-0.8770E-02		
		0.3063E+00	-0.6010E-02		
		0.6111E+00	-0.3847E-02		
		0.9159E+00	-0.2327E-02		
		0.1211E+01	-0.1176E-02		
		0.1505E+01	-0.5315E-03		
		0.1800E+01	-0.2137E-03		
		0.3820E+01	-0.1460E-07		

		0.5840E+01	-0.3558E-14		
		0.7860E+01	0.1635E-16		
		0.8145E+01	0.1650E-16		
		0.8429E+01	0.1658E-16		
		0.8714E+01	0.1661E-16		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4748E+02	0.0000E+00
		0.1500E-02	-0.4983E-02		
		0.3063E+00	-0.3418E-02		
		0.6111E+00	-0.2189E-02		
		0.9159E+00	-0.1325E-02		
		0.1211E+01	-0.6699E-03		
		0.1505E+01	-0.3028E-03		
		0.1800E+01	-0.1218E-03		
		0.3820E+01	-0.8322E-08		
		0.5840E+01	-0.2032E-14		
		0.7860E+01	0.4145E-17		
		0.8145E+01	0.4231E-17		
		0.8429E+01	0.4280E-17		
		0.8714E+01	0.4295E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4748E+02	0.0000E+00
		0.1500E-02	-0.2237E-02		
		0.3063E+00	-0.1537E-02		
		0.6111E+00	-0.9865E-03		
		0.9159E+00	-0.5976E-03		
		0.1211E+01	-0.3024E-03		
		0.1505E+01	-0.1367E-03		
		0.1800E+01	-0.5501E-04		
		0.3820E+01	-0.3763E-08		
		0.5840E+01	-0.9240E-15		
		0.7860E+01	-0.1123E-17		
		0.8145E+01	-0.1096E-17		
		0.8429E+01	-0.1082E-17		
		0.8714E+01	-0.1077E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4748E+02	0.0000E+00
		0.1500E-02	-0.1885E-03		
		0.3063E+00	-0.1348E-03		
		0.6111E+00	-0.8901E-04		
		0.9159E+00	-0.5489E-04		
		0.1211E+01	-0.2809E-04		
		0.1505E+01	-0.1281E-04		
		0.1800E+01	-0.5185E-05		
		0.3820E+01	-0.3605E-09		
		0.5840E+01	-0.9639E-16		
		0.7860E+01	-0.1460E-17		
		0.8145E+01	-0.1463E-17		
		0.8429E+01	-0.1464E-17		
		0.8714E+01	-0.1464E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
.2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5472E+02	0.0000E+00
		0.1500E-02	-0.8957E-02		
		0.3063E+00	-0.6405E-02		
		0.6111E+00	-0.4355E-02		
		0.9159E+00	-0.2840E-02		

		0.1211E+01	-0.1599E-02		
		0.1505E+01	-0.8248E-03		
		0.1800E+01	-0.3883E-03		
		0.3820E+01	-0.1587E-06		
		0.5840E+01	-0.4976E-12		
		0.7860E+01	-0.4061E-15		
		0.8145E+01	-0.4083E-15		
		0.8429E+01	-0.4095E-15		
		0.8714E+01	-0.4100E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5472E+02	0.0000E+00
		0.1500E-02	-0.5089E-02		
		0.3063E+00	-0.3643E-02		
		0.6111E+00	-0.2479E-02		
		0.9159E+00	-0.1618E-02		
		0.1211E+01	-0.9111E-03		
		0.1505E+01	-0.4701E-03		
		0.1800E+01	-0.2213E-03		
		0.3820E+01	-0.9050E-07		
		0.5840E+01	-0.2839E-12		
		0.7860E+01	-0.1635E-15		
		0.8145E+01	-0.1654E-15		
		0.8429E+01	-0.1665E-15		
		0.8714E+01	-0.1668E-15		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5472E+02	0.0000E+00
		0.1500E-02	-0.2285E-02		
		0.3063E+00	-0.1640E-02		
		0.6111E+00	-0.1118E-02		
		0.9159E+00	-0.7304E-03		
		0.1211E+01	-0.4118E-03		
		0.1505E+01	-0.2126E-03		
		0.1800E+01	-0.1001E-03		
		0.3820E+01	-0.4101E-07		
		0.5840E+01	-0.1287E-12		
		0.7860E+01	0.1888E-16		
		0.8145E+01	0.1816E-16		
		0.8429E+01	0.1775E-16		
		0.8714E+01	0.1761E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5472E+02	0.0000E+00
		0.1500E-02	-0.1934E-03		
		0.3063E+00	-0.1452E-03		
		0.6111E+00	-0.1023E-03		
		0.9159E+00	-0.6826E-04		
		0.1211E+01	-0.3905E-04		
		0.1505E+01	-0.2038E-04		
		0.1800E+01	-0.9680E-05		
		0.3820E+01	-0.4057E-08		
		0.5840E+01	-0.1278E-13		
		0.7860E+01	0.6147E-16		
		0.8145E+01	0.6152E-16		
		0.8429E+01	0.6155E-16		
		0.8714E+01	0.6157E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6133E+02	0.0000E+00

		0.1500E-02	-0.9094E-02		
		0.3063E+00	-0.6700E-02		
		0.6111E+00	-0.4748E-02		
		0.9159E+00	-0.3259E-02		
		0.1211E+01	-0.1974E-02		
		0.1505E+01	-0.1113E-02		
		0.1800E+01	-0.5827E-03		
		0.3820E+01	-0.7889E-06		
		0.5840E+01	-0.1929E-10		
		0.7860E+01	0.3430E-14		
		0.8145E+01	0.3448E-14		
		0.8429E+01	0.3458E-14		
		0.8714E+01	0.3462E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6133E+02	0.0000E+00
		0.1500E-02	-0.5168E-02		
		0.3063E+00	-0.3812E-02		
		0.6111E+00	-0.2704E-02		
		0.9159E+00	-0.1857E-02		
		0.1211E+01	-0.1125E-02		
		0.1505E+01	-0.6348E-03		
		0.1800E+01	-0.3324E-03		
		0.3820E+01	-0.4504E-06		
		0.5840E+01	-0.1101E-10		
		0.7860E+01	0.8812E-15		
		0.8145E+01	0.8950E-15		
		0.8429E+01	0.9031E-15		
		0.8714E+01	0.9059E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6133E+02	0.0000E+00
		0.1500E-02	-0.2321E-02		
		0.3063E+00	-0.1717E-02		
		0.6111E+00	-0.1220E-02		
		0.9159E+00	-0.8392E-03		
		0.1211E+01	-0.5090E-03		
		0.1505E+01	-0.2874E-03		
		0.1800E+01	-0.1506E-03		
		0.3820E+01	-0.2045E-06		
		0.5840E+01	-0.5002E-11		
		0.7860E+01	-0.7516E-15		
		0.8145E+01	-0.7477E-15		
		0.8429E+01	-0.7454E-15		
		0.8714E+01	-0.7447E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6133E+02	0.0000E+00
		0.1500E-02	-0.1972E-03		
		0.3063E+00	-0.1533E-03		
		0.6111E+00	-0.1130E-03		
		0.9159E+00	-0.7963E-04		
		0.1211E+01	-0.4917E-04		
		0.1505E+01	-0.2813E-04		
		0.1800E+01	-0.1489E-04		
		0.3820E+01	-0.2084E-07		
		0.5840E+01	-0.5137E-12		
		0.7860E+01	-0.9495E-15		
		0.8145E+01	-0.9518E-15		
		0.8429E+01	-0.9532E-15		
		0.8714E+01	-0.9537E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6744E+02	0.0000E+00
		0.1500E-02	-0.9200E-02		
		0.3063E+00	-0.6929E-02		
		0.6111E+00	-0.5060E-02		
		0.9159E+00	-0.3604E-02		
		0.1211E+01	-0.2301E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.7821E-03		
		0.3820E+01	-0.2500E-05		
		0.5840E+01	-0.2630E-09		
		0.7860E+01	-0.6847E-14		
		0.8145E+01	-0.6913E-14		
		0.8429E+01	-0.6954E-14		
		0.8714E+01	-0.6969E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6744E+02	0.0000E+00
		0.1500E-02	-0.5228E-02		
		0.3063E+00	-0.3943E-02		
		0.6111E+00	-0.2882E-02		
		0.9159E+00	-0.2054E-02		
		0.1211E+01	-0.1312E-02		
		0.1505E+01	-0.7898E-03		
		0.1800E+01	-0.4464E-03		
		0.3820E+01	-0.1428E-05		
		0.5840E+01	-0.1503E-09		
		0.7860E+01	0.5501E-14		
		0.8145E+01	0.5479E-14		
		0.8429E+01	0.5466E-14		
		0.8714E+01	0.5461E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6744E+02	0.0000E+00
		0.1500E-02	-0.2348E-02		
		0.3063E+00	-0.1776E-02		
		0.6111E+00	-0.1301E-02		
		0.9159E+00	-0.9291E-03		
		0.1211E+01	-0.5944E-03		
		0.1505E+01	-0.3580E-03		
		0.1800E+01	-0.2025E-03		
		0.3820E+01	-0.6496E-06		
		0.5840E+01	-0.6841E-10		
		0.7860E+01	0.8608E-14		
		0.8145E+01	0.8626E-14		
		0.8429E+01	0.8638E-14		
		0.8714E+01	0.8642E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6744E+02	0.0000E+00
		0.1500E-02	-0.2002E-03		
		0.3063E+00	-0.1598E-03		
		0.6111E+00	-0.1219E-03		
		0.9159E+00	-0.8938E-04		
		0.1211E+01	-0.5835E-04		
		0.1505E+01	-0.3571E-04		
		0.1800E+01	-0.2044E-04		
		0.3820E+01	-0.6809E-07		
		0.5840E+01	-0.7243E-11		
		0.7860E+01	0.5105E-14		
		0.8145E+01	0.5133E-14		

		0.8429E+01	0.5151E-14		
		0.8714E+01	0.5157E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7315E+02	0.0000E+00
		0.1500E-02	-0.9283E-02		
		0.3063E+00	-0.7111E-02		
		0.6111E+00	-0.5313E-02		
		0.9159E+00	-0.3891E-02		
		0.1211E+01	-0.2586E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.9776E-03		
		0.3820E+01	-0.5962E-05		
		0.5840E+01	-0.1878E-08		
		0.7860E+01	-0.3883E-13		
		0.8145E+01	-0.3842E-13		
		0.8429E+01	-0.3822E-13		
		0.8714E+01	-0.3816E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7315E+02	0.0000E+00
		0.1500E-02	-0.5276E-02		
		0.3063E+00	-0.4047E-02		
		0.6111E+00	-0.3027E-02		
		0.9159E+00	-0.2219E-02		
		0.1211E+01	-0.1476E-02		
		0.1505E+01	-0.9324E-03		
		0.1800E+01	-0.5583E-03		
		0.3820E+01	-0.3409E-05		
		0.5840E+01	-0.1074E-08		
		0.7860E+01	-0.4278E-13		
		0.8145E+01	-0.4269E-13		
		0.8429E+01	-0.4266E-13		
		0.8714E+01	-0.4266E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7315E+02	0.0000E+00
		0.1500E-02	-0.2370E-02		
		0.3063E+00	-0.1824E-02		
		0.6111E+00	-0.1368E-02		
		0.9159E+00	-0.1004E-02		
		0.1211E+01	-0.6689E-03		
		0.1505E+01	-0.4232E-03		
		0.1800E+01	-0.2536E-03		
		0.3820E+01	-0.1553E-05		
		0.5840E+01	-0.4900E-09		
		0.7860E+01	-0.2008E-13		
		0.8145E+01	-0.2013E-13		
		0.8429E+01	-0.2018E-13		
		0.8714E+01	-0.2019E-13		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7315E+02	0.0000E+00
		0.1500E-02	-0.2027E-03		
		0.3063E+00	-0.1652E-03		
		0.6111E+00	-0.1294E-03		
		0.9159E+00	-0.9781E-04		
		0.1211E+01	-0.6666E-04		
		0.1505E+01	-0.4293E-04		
		0.1800E+01	-0.2609E-04		

		0.3820E+01	-0.1671E-06		
		0.5840E+01	-0.5339E-10		
		0.7860E+01	0.4479E-14		
		0.8145E+01	0.4410E-14		
		0.8429E+01	0.4371E-14		
		0.8714E+01	0.4359E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7853E+02	0.0000E+00
		0.1500E-02	-0.9351E-02		
		0.3063E+00	-0.7260E-02		
		0.6111E+00	-0.5522E-02		
		0.9159E+00	-0.4134E-02		
		0.1211E+01	-0.2835E-02		
		0.1505E+01	-0.1860E-02		
		0.1800E+01	-0.1164E-02		
		0.3820E+01	-0.1175E-04		
		0.5840E+01	-0.8695E-08		
		0.7860E+01	0.1222E-12		
		0.8145E+01	0.1282E-12		
		0.8429E+01	0.1313E-12		
		0.8714E+01	0.1322E-12		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7853E+02	0.0000E+00
		0.1500E-02	-0.5315E-02		
		0.3063E+00	-0.4132E-02		
		0.6111E+00	-0.3147E-02		
		0.9159E+00	-0.2358E-02		
		0.1211E+01	-0.1618E-02		
		0.1505E+01	-0.1062E-02		
		0.1800E+01	-0.6652E-03		
		0.3820E+01	-0.6723E-05		
		0.5840E+01	-0.4978E-08		
		0.7860E+01	-0.1522E-15		
		0.8145E+01	0.3312E-14		
		0.8429E+01	0.5107E-14		
		0.8714E+01	0.5661E-14		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7853E+02	0.0000E+00
		0.1500E-02	-0.2388E-02		
		0.3063E+00	-0.1863E-02		
		0.6111E+00	-0.1423E-02		
		0.9159E+00	-0.1068E-02		
		0.1211E+01	-0.7342E-03		
		0.1505E+01	-0.4825E-03		
		0.1800E+01	-0.3026E-03		
		0.3820E+01	-0.3069E-05		
		0.5840E+01	-0.2275E-08		
		0.7860E+01	-0.6917E-13		
		0.8145E+01	-0.6766E-13		
		0.8429E+01	-0.6686E-13		
		0.8714E+01	-0.6662E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7853E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1698E-03		
		0.6111E+00	-0.1357E-03		

		0.9159E+00	-0.1052E-03		
		0.1211E+01	-0.7416E-04		
		0.1505E+01	-0.4973E-04		
		0.1800E+01	-0.3168E-04		
		0.3820E+01	-0.3384E-06		
		0.5840E+01	-0.2547E-09		
		0.7860E+01	-0.7579E-13		
		0.8145E+01	-0.7576E-13		
		0.8429E+01	-0.7571E-13		
		0.8714E+01	-0.7570E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8362E+02	0.0000E+00
		0.1500E-02	-0.9406E-02		
		0.3063E+00	-0.7382E-02		
		0.6111E+00	-0.5697E-02		
		0.9159E+00	-0.4340E-02		
		0.1211E+01	-0.3052E-02		
		0.1505E+01	-0.2065E-02		
		0.1800E+01	-0.1340E-02		
		0.3820E+01	-0.2024E-04		
		0.5840E+01	-0.2968E-07		
		0.7860E+01	0.8269E-12		
		0.8145E+01	0.8738E-12		
		0.8429E+01	0.8976E-12		
		0.8714E+01	0.9050E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8362E+02	0.0000E+00
		0.1500E-02	-0.5347E-02		
		0.3063E+00	-0.4203E-02		
		0.6111E+00	-0.3247E-02		
		0.9159E+00	-0.2476E-02		
		0.1211E+01	-0.1743E-02		
		0.1505E+01	-0.1180E-02		
		0.1800E+01	-0.7660E-03		
		0.3820E+01	-0.1159E-04		
		0.5840E+01	-0.1701E-07		
		0.7860E+01	0.3439E-12		
		0.8145E+01	0.3700E-12		
		0.8429E+01	0.3833E-12		
		0.8714E+01	0.3875E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8362E+02	0.0000E+00
		0.1500E-02	-0.2402E-02		
		0.3063E+00	-0.1895E-02		
		0.6111E+00	-0.1469E-02		
		0.9159E+00	-0.1122E-02		
		0.1211E+01	-0.7914E-03		
		0.1505E+01	-0.5364E-03		
		0.1800E+01	-0.3488E-03		
		0.3820E+01	-0.5300E-05		
		0.5840E+01	-0.7787E-08		
		0.7860E+01	0.1354E-12		
		0.8145E+01	0.1479E-12		
		0.8429E+01	0.1545E-12		
		0.8714E+01	0.1567E-12		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8362E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1736E-03		
		0.6111E+00	-0.1413E-03		
		0.9159E+00	-0.1117E-03		
		0.1211E+01	-0.8094E-04		
		0.1505E+01	-0.5608E-04		
		0.1800E+01	-0.3711E-04		
		0.3820E+01	-0.5982E-06		
		0.5840E+01	-0.8949E-09		
		0.7860E+01	-0.1779E-13		
		0.8145E+01	-0.1543E-13		
		0.8429E+01	-0.1377E-13		
		0.8714E+01	-0.1320E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8848E+02	0.0000E+00
		0.1500E-02	-0.9453E-02		
		0.3063E+00	-0.7485E-02		
		0.6111E+00	-0.5845E-02		
		0.9159E+00	-0.4517E-02		
		0.1211E+01	-0.3243E-02		
		0.1505E+01	-0.2249E-02		
		0.1800E+01	-0.1504E-02		
		0.3820E+01	-0.3160E-04		
		0.5840E+01	-0.8112E-07		
		0.7860E+01	0.7108E-11		
		0.8145E+01	0.7389E-11		
		0.8429E+01	0.7534E-11		
		0.8714E+01	0.7579E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8848E+02	0.0000E+00
		0.1500E-02	-0.5373E-02		
		0.3063E+00	-0.4262E-02		
		0.6111E+00	-0.3332E-02		
		0.9159E+00	-0.2578E-02		
		0.1211E+01	-0.1853E-02		
		0.1505E+01	-0.1286E-02		
		0.1800E+01	-0.8600E-03		
		0.3820E+01	-0.1811E-04		
		0.5840E+01	-0.4652E-07		
		0.7860E+01	0.1976E-11		
		0.8145E+01	0.2123E-11		
		0.8429E+01	0.2199E-11		
		0.8714E+01	0.2222E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8848E+02	0.0000E+00
		0.1500E-02	-0.2415E-02		
		0.3063E+00	-0.1923E-02		
		0.6111E+00	-0.1508E-02		
		0.9159E+00	-0.1169E-02		
		0.1211E+01	-0.8419E-03		
		0.1505E+01	-0.5852E-03		
		0.1800E+01	-0.3920E-03		
		0.3820E+01	-0.8294E-05		
		0.5840E+01	-0.2134E-07		
		0.7860E+01	0.7532E-12		

		0.8145E+01	0.8200E-12		
		0.8429E+01	0.8556E-12		
		0.8714E+01	0.8668E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8848E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1770E-03		
		0.6111E+00	-0.1461E-03		
		0.9159E+00	-0.1174E-03		
		0.1211E+01	-0.8709E-04		
		0.1505E+01	-0.6201E-04		
		0.1800E+01	-0.4234E-04		
		0.3820E+01	-0.9570E-06		
		0.5840E+01	-0.2514E-08		
		0.7860E+01	0.4318E-12		
		0.8145E+01	0.4434E-12		
		0.8429E+01	0.4517E-12		
		0.8714E+01	0.4546E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9313E+02	0.0000E+00
		0.1500E-02	-0.9492E-02		
		0.3063E+00	-0.7573E-02		
		0.6111E+00	-0.5972E-02		
		0.9159E+00	-0.4671E-02		
		0.1211E+01	-0.3412E-02		
		0.1505E+01	-0.2416E-02		
		0.1800E+01	-0.1655E-02		
		0.3820E+01	-0.4580E-04		
		0.5840E+01	-0.1875E-06		
		0.7860E+01	0.5501E-10		
		0.8145E+01	0.5632E-10		
		0.8429E+01	0.5700E-10		
		0.8714E+01	0.5722E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9313E+02	0.0000E+00
		0.1500E-02	-0.5396E-02		
		0.3063E+00	-0.4312E-02		
		0.6111E+00	-0.3405E-02		
		0.9159E+00	-0.2666E-02		
		0.1211E+01	-0.1949E-02		
		0.1505E+01	-0.1381E-02		
		0.1800E+01	-0.9471E-03		
		0.3820E+01	-0.2627E-04		
		0.5840E+01	-0.1076E-06		
		0.7860E+01	0.1602E-10		
		0.8145E+01	0.1669E-10		
		0.8429E+01	0.1703E-10		
		0.8714E+01	0.1714E-10		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9313E+02	0.0000E+00
		0.1500E-02	-0.2425E-02		
		0.3063E+00	-0.1946E-02		
		0.6111E+00	-0.1542E-02		
		0.9159E+00	-0.1210E-02		
		0.1211E+01	-0.8865E-03		
		0.1505E+01	-0.6293E-03		

		0.1800E+01	-0.4321E-03		
		0.3820E+01	-0.1205E-04		
		0.5840E+01	-0.4947E-07		
		0.7860E+01	0.4583E-11		
		0.8145E+01	0.4875E-11		
		0.8429E+01	0.5031E-11		
		0.8714E+01	0.5081E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9313E+02	0.0000E+00
		0.1500E-02	-0.2094E-03		
		0.3063E+00	-0.1800E-03		
		0.6111E+00	-0.1504E-03		
		0.9159E+00	-0.1225E-03		
		0.1211E+01	-0.9269E-04		
		0.1505E+01	-0.6752E-04		
		0.1800E+01	-0.4734E-04		
		0.3820E+01	-0.1420E-05		
		0.5840E+01	-0.5967E-08		
		0.7860E+01	0.1736E-11		
		0.8145E+01	0.1786E-11		
		0.8429E+01	0.1821E-11		
		0.8714E+01	0.1833E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9759E+02	0.0000E+00
		0.1500E-02	-0.9525E-02		
		0.3063E+00	-0.7648E-02		
		0.6111E+00	-0.6081E-02		
		0.9159E+00	-0.4804E-02		
		0.1211E+01	-0.3561E-02		
		0.1505E+01	-0.2566E-02		
		0.1800E+01	-0.1795E-02		
		0.3820E+01	-0.6269E-04		
		0.5840E+01	-0.3810E-06		
		0.7860E+01	0.3112E-09		
		0.8145E+01	0.3162E-09		
		0.8429E+01	0.3189E-09		
		0.8714E+01	0.3197E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9759E+02	0.0000E+00
		0.1500E-02	-0.5415E-02		
		0.3063E+00	-0.4355E-02		
		0.6111E+00	-0.3468E-02		
		0.9159E+00	-0.2743E-02		
		0.1211E+01	-0.2035E-02		
		0.1505E+01	-0.1468E-02		
		0.1800E+01	-0.1028E-02		
		0.3820E+01	-0.3598E-04		
		0.5840E+01	-0.2189E-06		
		0.7860E+01	0.1036E-09		
		0.8145E+01	0.1061E-09		
		0.8429E+01	0.1074E-09		
		0.8714E+01	0.1078E-09		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9759E+02	0.0000E+00
		0.1500E-02	-0.2434E-02		
		0.3063E+00	-0.1966E-02		

		0.6111E+00	-0.1571E-02		
		0.9159E+00	-0.1245E-02		
		0.1211E+01	-0.9261E-03		
		0.1505E+01	-0.6693E-03		
		0.1800E+01	-0.4693E-03		
		0.3820E+01	-0.1653E-04		
		0.5840E+01	-0.1008E-06		
		0.7860E+01	0.3269E-10		
		0.8145E+01	0.3376E-10		
		0.8429E+01	0.3434E-10		
		0.8714E+01	0.3453E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9759E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1826E-03		
		0.6111E+00	-0.1542E-03		
		0.9159E+00	-0.1272E-03		
		0.1211E+01	-0.9779E-04		
		0.1505E+01	-0.7264E-04		
		0.1800E+01	-0.5209E-04		
		0.3820E+01	-0.1986E-05		
		0.5840E+01	-0.1243E-07		
		0.7860E+01	0.1042E-10		
		0.8145E+01	0.1062E-10		
		0.8429E+01	0.1076E-10		
		0.8714E+01	0.1081E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1019E+03	0.0000E+00
		0.1500E-02	-0.9554E-02		
		0.3063E+00	-0.7712E-02		
		0.6111E+00	-0.6176E-02		
		0.9159E+00	-0.4922E-02		
		0.1211E+01	-0.3693E-02		
		0.1505E+01	-0.2702E-02		
		0.1800E+01	-0.1924E-02		
		0.3820E+01	-0.8201E-04		
		0.5840E+01	-0.6992E-06		
		0.7860E+01	0.1368E-08		
		0.8145E+01	0.1384E-08		
		0.8429E+01	0.1392E-08		
		0.8714E+01	0.1395E-08		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1019E+03	0.0000E+00
		0.1500E-02	-0.5432E-02		
		0.3063E+00	-0.4393E-02		
		0.6111E+00	-0.3523E-02		
		0.9159E+00	-0.2811E-02		
		0.1211E+01	-0.2111E-02		
		0.1505E+01	-0.1546E-02		
		0.1800E+01	-0.1102E-02		
		0.3820E+01	-0.4710E-04		
		0.5840E+01	-0.4020E-06		
		0.7860E+01	0.5054E-09		
		0.8145E+01	0.5133E-09		
		0.8429E+01	0.5175E-09		
		0.8714E+01	0.5189E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1019E+03	0.0000E+00
		0.1500E-02	-0.2442E-02		
		0.3063E+00	-0.1983E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1277E-02		
		0.1211E+01	-0.9615E-03		
		0.1505E+01	-0.7055E-03		
		0.1800E+01	-0.5037E-03		
		0.3820E+01	-0.2167E-04		
		0.5840E+01	-0.1854E-06		
		0.7860E+01	0.1793E-09		
		0.8145E+01	0.1828E-09		
		0.8429E+01	0.1847E-09		
		0.8714E+01	0.1853E-09		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1019E+03	0.0000E+00
		0.1500E-02	-0.2116E-03		
		0.3063E+00	-0.1849E-03		
		0.6111E+00	-0.1575E-03		
		0.9159E+00	-0.1313E-03		
		0.1211E+01	-0.1025E-03		
		0.1505E+01	-0.7740E-04		
		0.1800E+01	-0.5659E-04		
		0.3820E+01	-0.2654E-05		
		0.5840E+01	-0.2337E-07		
		0.7860E+01	0.6202E-10		
		0.8145E+01	0.6277E-10		
		0.8429E+01	0.6328E-10		
		0.8714E+01	0.6345E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1060E+03	0.0000E+00
		0.1500E-02	-0.9579E-02		
		0.3063E+00	-0.7769E-02		
		0.6111E+00	-0.6259E-02		
		0.9159E+00	-0.5025E-02		
		0.1211E+01	-0.3812E-02		
		0.1505E+01	-0.2825E-02		
		0.1800E+01	-0.2043E-02		
		0.3820E+01	-0.1034E-03		
		0.5840E+01	-0.1183E-05		
		0.7860E+01	0.4939E-08		
		0.8145E+01	0.4985E-08		
		0.8429E+01	0.5010E-08		
		0.8714E+01	0.5019E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1060E+03	0.0000E+00
		0.1500E-02	-0.5446E-02		
		0.3063E+00	-0.4425E-02		
		0.6111E+00	-0.3571E-02		
		0.9159E+00	-0.2870E-02		
		0.1211E+01	-0.2180E-02		
		0.1505E+01	-0.1617E-02		
		0.1800E+01	-0.1170E-02		
		0.3820E+01	-0.5946E-04		
		0.5840E+01	-0.6805E-06		

		0.7860E+01	0.1982E-08		
		0.8145E+01	0.2005E-08		
		0.8429E+01	0.2017E-08		
		0.8714E+01	0.2021E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1060E+03	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1998E-02		
		0.6111E+00	-0.1618E-02		
		0.9159E+00	-0.1304E-02		
		0.1211E+01	-0.9931E-03		
		0.1505E+01	-0.7384E-03		
		0.1800E+01	-0.5354E-03		
		0.3820E+01	-0.2740E-04		
		0.5840E+01	-0.3144E-06		
		0.7860E+01	0.7702E-09		
		0.8145E+01	0.7800E-09		
		0.8429E+01	0.7856E-09		
		0.8714E+01	0.7874E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1060E+03	0.0000E+00
		0.1500E-02	-0.2125E-03		
		0.3063E+00	-0.1870E-03		
		0.6111E+00	-0.1606E-03		
		0.9159E+00	-0.1351E-03		
		0.1211E+01	-0.1067E-03		
		0.1505E+01	-0.8184E-04		
		0.1800E+01	-0.6086E-04		
		0.3820E+01	-0.3415E-05		
		0.5840E+01	-0.4046E-07		
		0.7860E+01	0.2916E-09		
		0.8145E+01	0.2942E-09		
		0.8429E+01	0.2958E-09		
		0.8714E+01	0.2964E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1101E+03	0.0000E+00
		0.1500E-02	-0.9601E-02		
		0.3063E+00	-0.7818E-02		
		0.6111E+00	-0.6332E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.3918E-02		
		0.1505E+01	-0.2937E-02		
		0.1800E+01	-0.2152E-02		
		0.3820E+01	-0.1267E-03		
		0.5840E+01	-0.1871E-05		
		0.7860E+01	0.1524E-07		
		0.8145E+01	0.1536E-07		
		0.8429E+01	0.1543E-07		
		0.8714E+01	0.1545E-07		
8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1101E+03	0.0000E+00
		0.1500E-02	-0.5459E-02		
		0.3063E+00	-0.4454E-02		
		0.6111E+00	-0.3613E-02		
		0.9159E+00	-0.2923E-02		
		0.1211E+01	-0.2241E-02		

		0.1505E+01	-0.1682E-02		
		0.1800E+01	-0.1233E-02		
		0.3820E+01	-0.7285E-04		
		0.5840E+01	-0.1078E-05		
		0.7860E+01	0.6555E-08		
		0.8145E+01	0.6613E-08		
		0.8429E+01	0.6646E-08		
		0.8714E+01	0.6657E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1101E+03	0.0000E+00
		0.1500E-02	-0.2455E-02		
		0.3063E+00	-0.2011E-02		
		0.6111E+00	-0.1638E-02		
		0.9159E+00	-0.1329E-02		
		0.1211E+01	-0.1022E-02		
		0.1505E+01	-0.7684E-03		
		0.1800E+01	-0.5647E-03		
		0.3820E+01	-0.3362E-04		
		0.5840E+01	-0.4988E-06		
		0.7860E+01	0.2739E-08		
		0.8145E+01	0.2765E-08		
		0.8429E+01	0.2780E-08		
		0.8714E+01	0.2785E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1101E+03	0.0000E+00
		0.1500E-02	-0.2133E-03		
		0.3063E+00	-0.1888E-03		
		0.6111E+00	-0.1634E-03		
		0.9159E+00	-0.1385E-03		
		0.1211E+01	-0.1107E-03		
		0.1505E+01	-0.8597E-04		
		0.1800E+01	-0.6489E-04		
		0.3820E+01	-0.4262E-05		
		0.5840E+01	-0.6547E-07		
		0.7860E+01	0.1117E-08		
		0.8145E+01	0.1125E-08		
		0.8429E+01	0.1130E-08		
		0.8714E+01	0.1132E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1140E+03	0.0000E+00
		0.1500E-02	-0.9621E-02		
		0.3063E+00	-0.7862E-02		
		0.6111E+00	-0.6397E-02		
		0.9159E+00	-0.5198E-02		
		0.1211E+01	-0.4013E-02		
		0.1505E+01	-0.3038E-02		
		0.1800E+01	-0.2253E-02		
		0.3820E+01	-0.1513E-03		
		0.5840E+01	-0.2803E-05		
		0.7860E+01	0.4136E-07		
		0.8145E+01	0.4163E-07		
		0.8429E+01	0.4179E-07		
		0.8714E+01	0.4184E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1140E+03	0.0000E+00
		0.1500E-02	-0.5470E-02		

		0.3063E+00	-0.4479E-02		
		0.6111E+00	-0.3651E-02		
		0.9159E+00	-0.2970E-02		
		0.1211E+01	-0.2296E-02		
		0.1505E+01	-0.1740E-02		
		0.1800E+01	-0.1291E-02		
		0.3820E+01	-0.8710E-04		
		0.5840E+01	-0.1616E-05		
		0.7860E+01	0.1888E-07		
		0.8145E+01	0.1901E-07		
		0.8429E+01	0.1909E-07		
		0.8714E+01	0.1912E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1140E+03	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.2023E-02		
		0.6111E+00	-0.1656E-02		
		0.9159E+00	-0.1351E-02		
		0.1211E+01	-0.1047E-02		
		0.1505E+01	-0.7957E-03		
		0.1800E+01	-0.5917E-03		
		0.3820E+01	-0.4025E-04		
		0.5840E+01	-0.7491E-06		
		0.7860E+01	0.8390E-08		
		0.8145E+01	0.8453E-08		
		0.8429E+01	0.8490E-08		
		0.8714E+01	0.8503E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1140E+03	0.0000E+00
		0.1500E-02	-0.2141E-03		
		0.3063E+00	-0.1905E-03		
		0.6111E+00	-0.1659E-03		
		0.9159E+00	-0.1417E-03		
		0.1211E+01	-0.1143E-03		
		0.1505E+01	-0.8982E-04		
		0.1800E+01	-0.6869E-04		
		0.3820E+01	-0.5185E-05		
		0.5840E+01	-0.1002E-06		
		0.7860E+01	0.3643E-08		
		0.8145E+01	0.3664E-08		
		0.8429E+01	0.3678E-08		
		0.8714E+01	0.3683E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1177E+03	0.0000E+00
		0.1500E-02	-0.9638E-02		
		0.3063E+00	-0.7900E-02		
		0.6111E+00	-0.6455E-02		
		0.9159E+00	-0.5271E-02		
		0.1211E+01	-0.4099E-02		
		0.1505E+01	-0.3130E-02		
		0.1800E+01	-0.2345E-02		
		0.3820E+01	-0.1772E-03		
		0.5840E+01	-0.4011E-05		
		0.7860E+01	0.1008E-06		
		0.8145E+01	0.1014E-06		
		0.8429E+01	0.1017E-06		

		0.8714E+01	0.1018E-06		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1177E+03	0.0000E+00
		0.1500E-02	-0.5480E-02		
		0.3063E+00	-0.4501E-02		
		0.6111E+00	-0.3684E-02		
		0.9159E+00	-0.3013E-02		
		0.1211E+01	-0.2346E-02		
		0.1505E+01	-0.1793E-02		
		0.1800E+01	-0.1345E-02		
		0.3820E+01	-0.1020E-03		
		0.5840E+01	-0.2314E-05		
		0.7860E+01	0.4846E-07		
		0.8145E+01	0.4876E-07		
		0.8429E+01	0.4894E-07		
		0.8714E+01	0.4900E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1177E+03	0.0000E+00
		0.1500E-02	-0.2464E-02		
		0.3063E+00	-0.2034E-02		
		0.6111E+00	-0.1671E-02		
		0.9159E+00	-0.1371E-02		
		0.1211E+01	-0.1070E-02		
		0.1505E+01	-0.8206E-03		
		0.1800E+01	-0.6167E-03		
		0.3820E+01	-0.4721E-04		
		0.5840E+01	-0.1074E-05		
		0.7860E+01	0.2273E-07		
		0.8145E+01	0.2288E-07		
		0.8429E+01	0.2296E-07		
		0.8714E+01	0.2299E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1177E+03	0.0000E+00
		0.1500E-02	-0.2148E-03		
		0.3063E+00	-0.1921E-03		
		0.6111E+00	-0.1681E-03		
		0.9159E+00	-0.1445E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9341E-04		
		0.1800E+01	-0.7229E-04		
		0.3820E+01	-0.6177E-05		
		0.5840E+01	-0.1464E-06		
		0.7860E+01	0.1042E-07		
		0.8145E+01	0.1048E-07		
		0.8429E+01	0.1051E-07		
		0.8714E+01	0.1052E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1214E+03	0.0000E+00
		0.1500E-02	-0.9653E-02		
		0.3063E+00	-0.7935E-02		
		0.6111E+00	-0.6506E-02		
		0.9159E+00	-0.5337E-02		
		0.1211E+01	-0.4176E-02		
		0.1505E+01	-0.3215E-02		
		0.1800E+01	-0.2430E-02		
		0.3820E+01	-0.2038E-03		

		0.5840E+01	-0.5521E-05		
		0.7860E+01	0.2243E-06		
		0.8145E+01	0.2255E-06		
		0.8429E+01	0.2262E-06		
		0.8714E+01	0.2264E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1214E+03	0.0000E+00
		0.1500E-02	-0.5489E-02		
		0.3063E+00	-0.4521E-02		
		0.6111E+00	-0.3714E-02		
		0.9159E+00	-0.3051E-02		
		0.1211E+01	-0.2390E-02		
		0.1505E+01	-0.1842E-02		
		0.1800E+01	-0.1394E-02		
		0.3820E+01	-0.1174E-03		
		0.5840E+01	-0.3187E-05		
		0.7860E+01	0.1130E-06		
		0.8145E+01	0.1136E-06		
		0.8429E+01	0.1139E-06		
		0.8714E+01	0.1141E-06		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1214E+03	0.0000E+00
		0.1500E-02	-0.2469E-02		
		0.3063E+00	-0.2043E-02		
		0.6111E+00	-0.1685E-02		
		0.9159E+00	-0.1389E-02		
		0.1211E+01	-0.1091E-02		
		0.1505E+01	-0.8434E-03		
		0.1800E+01	-0.6398E-03		
		0.3820E+01	-0.5441E-04		
		0.5840E+01	-0.1482E-05		
		0.7860E+01	0.5558E-07		
		0.8145E+01	0.5589E-07		
		0.8429E+01	0.5607E-07		
		0.8714E+01	0.5614E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1214E+03	0.0000E+00
		0.1500E-02	-0.2154E-03		
		0.3063E+00	-0.1935E-03		
		0.6111E+00	-0.1702E-03		
		0.9159E+00	-0.1472E-03		
		0.1211E+01	-0.1208E-03		
		0.1505E+01	-0.9677E-04		
		0.1800E+01	-0.7568E-04		
		0.3820E+01	-0.7226E-05		
		0.5840E+01	-0.2055E-06		
		0.7860E+01	0.2675E-07		
		0.8145E+01	0.2688E-07		
		0.8429E+01	0.2696E-07		
		0.8714E+01	0.2699E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
.1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1250E+03	0.0000E+00
		0.1500E-02	-0.9667E-02		
		0.3063E+00	-0.7965E-02		
		0.6111E+00	-0.6553E-02		
		0.9159E+00	-0.5396E-02		

		0.1211E+01	-0.4247E-02		
		0.1505E+01	-0.3291E-02		
		0.1800E+01	-0.2509E-02		
		0.3820E+01	-0.2310E-03		
		0.5840E+01	-0.7353E-05		
		0.7860E+01	0.4621E-06		
		0.8145E+01	0.4643E-06		
		0.8429E+01	0.4656E-06		
		0.8714E+01	0.4661E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1250E+03	0.0000E+00
		0.1500E-02	-0.5497E-02		
		0.3063E+00	-0.4539E-02		
		0.6111E+00	-0.3741E-02		
		0.9159E+00	-0.3085E-02		
		0.1211E+01	-0.2431E-02		
		0.1505E+01	-0.1887E-02		
		0.1800E+01	-0.1440E-02		
		0.3820E+01	-0.1332E-03		
		0.5840E+01	-0.4248E-05		
		0.7860E+01	0.2425E-06		
		0.8145E+01	0.2437E-06		
		0.8429E+01	0.2444E-06		
		0.8714E+01	0.2447E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1250E+03	0.0000E+00
		0.1500E-02	-0.2472E-02		
		0.3063E+00	-0.2051E-02		
		0.6111E+00	-0.1698E-02		
		0.9159E+00	-0.1405E-02		
		0.1211E+01	-0.1111E-02		
		0.1505E+01	-0.8643E-03		
		0.1800E+01	-0.6612E-03		
		0.3820E+01	-0.6180E-04		
		0.5840E+01	-0.1979E-05		
		0.7860E+01	0.1245E-06		
		0.8145E+01	0.1252E-06		
		0.8429E+01	0.1255E-06		
		0.8714E+01	0.1257E-06		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1250E+03	0.0000E+00
		0.1500E-02	-0.2159E-03		
		0.3063E+00	-0.1947E-03		
		0.6111E+00	-0.1722E-03		
		0.9159E+00	-0.1496E-03		
		0.1211E+01	-0.1237E-03		
		0.1505E+01	-0.9991E-04		
		0.1800E+01	-0.7889E-04		
		0.3820E+01	-0.8323E-05		
		0.5840E+01	-0.2790E-06		
		0.7860E+01	0.6262E-07		
		0.8145E+01	0.6289E-07		
		0.8429E+01	0.6306E-07		
		0.8714E+01	0.6313E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1286E+03	0.0000E+00

		0.1500E-02	-0.9679E-02		
		0.3063E+00	-0.7993E-02		
		0.6111E+00	-0.6594E-02		
		0.9159E+00	-0.5449E-02		
		0.1211E+01	-0.4311E-02		
		0.1505E+01	-0.3362E-02		
		0.1800E+01	-0.2582E-02		
		0.3820E+01	-0.2586E-03		
		0.5840E+01	-0.9519E-05		
		0.7860E+01	0.8908E-06		
		0.8145E+01	0.8947E-06		
		0.8429E+01	0.8970E-06		
		0.8714E+01	0.8979E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1286E+03	0.0000E+00
		0.1500E-02	-0.5504E-02		
		0.3063E+00	-0.4555E-02		
		0.6111E+00	-0.3765E-02		
		0.9159E+00	-0.3116E-02		
		0.1211E+01	-0.2468E-02		
		0.1505E+01	-0.1928E-02		
		0.1800E+01	-0.1482E-02		
		0.3820E+01	-0.1492E-03		
		0.5840E+01	-0.5504E-05		
		0.7860E+01	0.4852E-06		
		0.8145E+01	0.4874E-06		
		0.8429E+01	0.4887E-06		
		0.8714E+01	0.4892E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1286E+03	0.0000E+00
		0.1500E-02	-0.2476E-02		
		0.3063E+00	-0.2059E-02		
		0.6111E+00	-0.1709E-02		
		0.9159E+00	-0.1419E-02		
		0.1211E+01	-0.1128E-02		
		0.1505E+01	-0.8834E-03		
		0.1800E+01	-0.6810E-03		
		0.3820E+01	-0.6930E-04		
		0.5840E+01	-0.2568E-05		
		0.7860E+01	0.2589E-06		
		0.8145E+01	0.2601E-06		
		0.8429E+01	0.2608E-06		
		0.8714E+01	0.2611E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1286E+03	0.0000E+00
		0.1500E-02	-0.2165E-03		
		0.3063E+00	-0.1959E-03		
		0.6111E+00	-0.1739E-03		
		0.9159E+00	-0.1519E-03		
		0.1211E+01	-0.1264E-03		
		0.1505E+01	-0.1029E-03		
		0.1800E+01	-0.8191E-04		
		0.3820E+01	-0.9461E-05		
		0.5840E+01	-0.3679E-06		
		0.7860E+01	0.1354E-06		
		0.8145E+01	0.1360E-06		
		0.8429E+01	0.1363E-06		
		0.8714E+01	0.1364E-06		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1320E+03	0.0000E+00
		0.1500E-02	-0.9690E-02		
		0.3063E+00	-0.8018E-02		
		0.6111E+00	-0.6632E-02		
		0.9159E+00	-0.5498E-02		
		0.1211E+01	-0.4369E-02		
		0.1505E+01	-0.3426E-02		
		0.1800E+01	-0.2649E-02		
		0.3820E+01	-0.2863E-03		
		0.5840E+01	-0.1202E-04		
		0.7860E+01	0.1621E-05		
		0.8145E+01	0.1628E-05		
		0.8429E+01	0.1632E-05		
		0.8714E+01	0.1633E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1320E+03	0.0000E+00
		0.1500E-02	-0.5510E-02		
		0.3063E+00	-0.4569E-02		
		0.6111E+00	-0.3787E-02		
		0.9159E+00	-0.3144E-02		
		0.1211E+01	-0.2502E-02		
		0.1505E+01	-0.1965E-02		
		0.1800E+01	-0.1521E-02		
		0.3820E+01	-0.1653E-03		
		0.5840E+01	-0.6958E-05		
		0.7860E+01	0.9133E-06		
		0.8145E+01	0.9171E-06		
		0.8429E+01	0.9194E-06		
		0.8714E+01	0.9202E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1320E+03	0.0000E+00
		0.1500E-02	-0.2479E-02		
		0.3063E+00	-0.2066E-02		
		0.6111E+00	-0.1719E-02		
		0.9159E+00	-0.1433E-02		
		0.1211E+01	-0.1144E-02		
		0.1505E+01	-0.9011E-03		
		0.1800E+01	-0.6993E-03		
		0.3820E+01	-0.7686E-04		
		0.5840E+01	-0.3252E-05		
		0.7860E+01	0.5046E-06		
		0.8145E+01	0.5067E-06		
		0.8429E+01	0.5079E-06		
		0.8714E+01	0.5084E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1320E+03	0.0000E+00
		0.1500E-02	-0.2169E-03		
		0.3063E+00	-0.1970E-03		
		0.6111E+00	-0.1756E-03		
		0.9159E+00	-0.1540E-03		
		0.1211E+01	-0.1289E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8477E-04		
		0.3820E+01	-0.1063E-04		
		0.5840E+01	-0.4730E-06		
		0.7860E+01	0.2734E-06		
		0.8145E+01	0.2745E-06		

		0.8429E+01	0.2752E-06		
		0.8714E+01	0.2754E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1353E+03	0.0000E+00
		0.1500E-02	-0.9700E-02		
		0.3063E+00	-0.8040E-02		
		0.6111E+00	-0.6666E-02		
		0.9159E+00	-0.5542E-02		
		0.1211E+01	-0.4422E-02		
		0.1505E+01	-0.3486E-02		
		0.1800E+01	-0.2711E-02		
		0.3820E+01	-0.3140E-03		
		0.5840E+01	-0.1487E-04		
		0.7860E+01	0.2806E-05		
		0.8145E+01	0.2817E-05		
		0.8429E+01	0.2824E-05		
		0.8714E+01	0.2826E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1353E+03	0.0000E+00
		0.1500E-02	-0.5516E-02		
		0.3063E+00	-0.4583E-02		
		0.6111E+00	-0.3806E-02		
		0.9159E+00	-0.3169E-02		
		0.1211E+01	-0.2533E-02		
		0.1505E+01	-0.1999E-02		
		0.1800E+01	-0.1557E-02		
		0.3820E+01	-0.1814E-03		
		0.5840E+01	-0.8610E-05		
		0.7860E+01	0.1630E-05		
		0.8145E+01	0.1636E-05		
		0.8429E+01	0.1640E-05		
		0.8714E+01	0.1641E-05		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1353E+03	0.0000E+00
		0.1500E-02	-0.2481E-02		
		0.3063E+00	-0.2072E-02		
		0.6111E+00	-0.1729E-02		
		0.9159E+00	-0.1445E-02		
		0.1211E+01	-0.1159E-02		
		0.1505E+01	-0.9173E-03		
		0.1800E+01	-0.7163E-03		
		0.3820E+01	-0.8444E-04		
		0.5840E+01	-0.4030E-05		
		0.7860E+01	0.9292E-06		
		0.8145E+01	0.9329E-06		
		0.8429E+01	0.9351E-06		
		0.8714E+01	0.9359E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1353E+03	0.0000E+00
		0.1500E-02	-0.2174E-03		
		0.3063E+00	-0.1980E-03		
		0.6111E+00	-0.1771E-03		
		0.9159E+00	-0.1559E-03		
		0.1211E+01	-0.1312E-03		
		0.1505E+01	-0.1082E-03		
		0.1800E+01	-0.8748E-04		

		0.3820E+01	-0.1182E-04		
		0.5840E+01	-0.5948E-06		
		0.7860E+01	0.5202E-06		
		0.8145E+01	0.5222E-06		
		0.8429E+01	0.5233E-06		
		0.8714E+01	0.5238E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1386E+03	0.0000E+00
		0.1500E-02	-0.9709E-02		
		0.3063E+00	-0.8061E-02		
		0.6111E+00	-0.6697E-02		
		0.9159E+00	-0.5581E-02		
		0.1211E+01	-0.4471E-02		
		0.1505E+01	-0.3540E-02		
		0.1800E+01	-0.2768E-02		
		0.3820E+01	-0.3415E-03		
		0.5840E+01	-0.1804E-04		
		0.7860E+01	0.4649E-05		
		0.8145E+01	0.4666E-05		
		0.8429E+01	0.4676E-05		
		0.8714E+01	0.4679E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1386E+03	0.0000E+00
		0.1500E-02	-0.5521E-02		
		0.3063E+00	-0.4594E-02		
		0.6111E+00	-0.3824E-02		
		0.9159E+00	-0.3193E-02		
		0.1211E+01	-0.2561E-02		
		0.1505E+01	-0.2031E-02		
		0.1800E+01	-0.1590E-02		
		0.3820E+01	-0.1973E-03		
		0.5840E+01	-0.1046E-04		
		0.7860E+01	0.2776E-05		
		0.8145E+01	0.2786E-05		
		0.8429E+01	0.2792E-05		
		0.8714E+01	0.2794E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1386E+03	0.0000E+00
		0.1500E-02	-0.2484E-02		
		0.3063E+00	-0.2078E-02		
		0.6111E+00	-0.1737E-02		
		0.9159E+00	-0.1456E-02		
		0.1211E+01	-0.1172E-02		
		0.1505E+01	-0.9323E-03		
		0.1800E+01	-0.7321E-03		
		0.3820E+01	-0.9199E-04		
		0.5840E+01	-0.4900E-05		
		0.7860E+01	0.1629E-05		
		0.8145E+01	0.1635E-05		
		0.8429E+01	0.1638E-05		
		0.8714E+01	0.1640E-05		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1386E+03	0.0000E+00
		0.1500E-02	-0.2178E-03		
		0.3063E+00	-0.1989E-03		
		0.6111E+00	-0.1785E-03		

		0.9159E+00	-0.1577E-03		
		0.1211E+01	-0.1334E-03		
		0.1505E+01	-0.1106E-03		
		0.1800E+01	-0.9003E-04		
		0.3820E+01	-0.1304E-04		
		0.5840E+01	-0.7332E-06		
		0.7860E+01	0.9393E-06		
		0.8145E+01	0.9426E-06		
		0.8429E+01	0.9447E-06		
		0.8714E+01	0.9454E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1419E+03	0.0000E+00
		0.1500E-02	-0.9717E-02		
		0.3063E+00	-0.8079E-02		
		0.6111E+00	-0.6725E-02		
		0.9159E+00	-0.5618E-02		
		0.1211E+01	-0.4515E-02		
		0.1505E+01	-0.3590E-02		
		0.1800E+01	-0.2821E-02		
		0.3820E+01	-0.3686E-03		
		0.5840E+01	-0.2153E-04		
		0.7860E+01	0.7407E-05		
		0.8145E+01	0.7433E-05		
		0.8429E+01	0.7448E-05		
		0.8714E+01	0.7454E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1419E+03	0.0000E+00
		0.1500E-02	-0.5526E-02		
		0.3063E+00	-0.4605E-02		
		0.6111E+00	-0.3841E-02		
		0.9159E+00	-0.3214E-02		
		0.1211E+01	-0.2587E-02		
		0.1505E+01	-0.2060E-02		
		0.1800E+01	-0.1621E-02		
		0.3820E+01	-0.2131E-03		
		0.5840E+01	-0.1249E-04		
		0.7860E+01	0.4537E-05		
		0.8145E+01	0.4553E-05		
		0.8429E+01	0.4562E-05		
		0.8714E+01	0.4566E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1419E+03	0.0000E+00
		0.1500E-02	-0.2486E-02		
		0.3063E+00	-0.2083E-02		
		0.6111E+00	-0.1745E-02		
		0.9159E+00	-0.1466E-02		
		0.1211E+01	-0.1184E-02		
		0.1505E+01	-0.9462E-03		
		0.1800E+01	-0.7468E-03		
		0.3820E+01	-0.9947E-04		
		0.5840E+01	-0.5860E-05		
		0.7860E+01	0.2733E-05		
		0.8145E+01	0.2743E-05		
		0.8429E+01	0.2749E-05		
		0.8714E+01	0.2751E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1419E+03	0.0000E+00
		0.1500E-02	-0.2182E-03		
		0.3063E+00	-0.1998E-03		
		0.6111E+00	-0.1798E-03		
		0.9159E+00	-0.1594E-03		
		0.1211E+01	-0.1354E-03		
		0.1505E+01	-0.1129E-03		
		0.1800E+01	-0.9245E-04		
		0.3820E+01	-0.1426E-04		
		0.5840E+01	-0.8878E-06		
		0.7860E+01	0.1620E-05		
		0.8145E+01	0.1625E-05		
		0.8429E+01	0.1628E-05		
		0.8714E+01	0.1630E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1450E+03	0.0000E+00
		0.1500E-02	-0.9724E-02		
		0.3063E+00	-0.8096E-02		
		0.6111E+00	-0.6750E-02		
		0.9159E+00	-0.5651E-02		
		0.1211E+01	-0.4556E-02		
		0.1505E+01	-0.3637E-02		
		0.1800E+01	-0.2871E-02		
		0.3820E+01	-0.3954E-03		
		0.5840E+01	-0.2531E-04		
		0.7860E+01	0.1140E-04		
		0.8145E+01	0.1144E-04		
		0.8429E+01	0.1146E-04		
		0.8714E+01	0.1147E-04		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1450E+03	0.0000E+00
		0.1500E-02	-0.5530E-02		
		0.3063E+00	-0.4615E-02		
		0.6111E+00	-0.3856E-02		
		0.9159E+00	-0.3233E-02		
		0.1211E+01	-0.2611E-02		
		0.1505E+01	-0.2087E-02		
		0.1800E+01	-0.1650E-02		
		0.3820E+01	-0.2287E-03		
		0.5840E+01	-0.1469E-04		
		0.7860E+01	0.7149E-05		
		0.8145E+01	0.7173E-05		
		0.8429E+01	0.7187E-05		
		0.8714E+01	0.7192E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1450E+03	0.0000E+00
		0.1500E-02	-0.2488E-02		
		0.3063E+00	-0.2087E-02		
		0.6111E+00	-0.1752E-02		
		0.9159E+00	-0.1475E-02		
		0.1211E+01	-0.1196E-02		
		0.1505E+01	-0.9590E-03		
		0.1800E+01	-0.7604E-03		
		0.3820E+01	-0.1069E-03		
		0.5840E+01	-0.6904E-05		
		0.7860E+01	0.4412E-05		

		0.8145E+01	0.4427E-05		
		0.8429E+01	0.4436E-05		
		0.8714E+01	0.4439E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1450E+03	0.0000E+00
		0.1500E-02	-0.2185E-03		
		0.3063E+00	-0.2006E-03		
		0.6111E+00	-0.1810E-03		
		0.9159E+00	-0.1609E-03		
		0.1211E+01	-0.1373E-03		
		0.1505E+01	-0.1151E-03		
		0.1800E+01	-0.9474E-04		
		0.3820E+01	-0.1549E-04		
		0.5840E+01	-0.1057E-05		
		0.7860E+01	0.2681E-05		
		0.8145E+01	0.2689E-05		
		0.8429E+01	0.2695E-05		
		0.8714E+01	0.2697E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1475E+03	0.0000E+00
		0.1500E-02	-0.9730E-02		
		0.3063E+00	-0.8109E-02		
		0.6111E+00	-0.6769E-02		
		0.9159E+00	-0.5676E-02		
		0.1211E+01	-0.4587E-02		
		0.1505E+01	-0.3671E-02		
		0.1800E+01	-0.2908E-02		
		0.3820E+01	-0.4164E-03		
		0.5840E+01	-0.2854E-04		
		0.7860E+01	0.1575E-04		
		0.8145E+01	0.1580E-04		
		0.8429E+01	0.1583E-04		
		0.8714E+01	0.1584E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1475E+03	0.0000E+00
		0.1500E-02	-0.5534E-02		
		0.3063E+00	-0.4622E-02		
		0.6111E+00	-0.3867E-02		
		0.9159E+00	-0.3248E-02		
		0.1211E+01	-0.2629E-02		
		0.1505E+01	-0.2108E-02		
		0.1800E+01	-0.1672E-02		
		0.3820E+01	-0.2410E-03		
		0.5840E+01	-0.1657E-04		
		0.7860E+01	0.1005E-04		
		0.8145E+01	0.1008E-04		
		0.8429E+01	0.1010E-04		
		0.8714E+01	0.1011E-04		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1475E+03	0.0000E+00
		0.1500E-02	-0.2490E-02		
		0.3063E+00	-0.2091E-02		
		0.6111E+00	-0.1757E-02		
		0.9159E+00	-0.1482E-02		
		0.1211E+01	-0.1204E-02		
		0.1505E+01	-0.9686E-03		

		0.1800E+01	-0.7707E-03		
		0.3820E+01	-0.1127E-03		
		0.5840E+01	-0.7794E-05		
		0.7860E+01	0.6313E-05		
		0.8145E+01	0.6333E-05		
		0.8429E+01	0.6345E-05		
		0.8714E+01	0.6350E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1475E+03	0.0000E+00
		0.1500E-02	-0.2188E-03		
		0.3063E+00	-0.2012E-03		
		0.6111E+00	-0.1819E-03		
		0.9159E+00	-0.1621E-03		
		0.1211E+01	-0.1388E-03		
		0.1505E+01	-0.1167E-03		
		0.1800E+01	-0.9649E-04		
		0.3820E+01	-0.1647E-04		
		0.5840E+01	-0.1202E-05		
		0.7860E+01	0.3907E-05		
		0.8145E+01	0.3919E-05		
		0.8429E+01	0.3927E-05		
		0.8714E+01	0.3930E-05		

N O T I C E

ALTHOUGH THIS PROGRAM HAS BEEN TESTED AND EXPERIENCE WOULD INDICATE THAT IT IS ACCURATE WITHIN THE LIMITS GIVEN BY THE ASSUMPTIONS OF THE THEORY USED , WE MAKE NO WARRANTY AS TO WORKABILITY OF THIS SOFTWARE OR ANY OTHER LICENSED MATERIAL. NO WARRANTIES EITHER EXPRESSED OR IMPLIED (INCLUDING WARRANTIES OF FITNESS) SHALL APPLY NO RESPONSIBILITY IS ASSUMED FOR ANY ERRORS, MISTAKES OR MISREPRESENTATIONS THAT MAY OCCUR FROM THE USE OF THIS COMPUTER PROGRAM. THE USER ACCEPTS FULL RESPONSIBILITY FOR ASSESSING THE VALIDITY AND APPLICABILITY OF THE RESULTS OBTAINED WITH THIS PROGRAM FOR ANY SPECIFIC CASE.


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*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*           TIME     -         9:49:47           *
*           EXECUTION TIME     0: 1: 2           *
*                                                *
*                                                *
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ATTACHMENT 5

REVISED PREDICTION TABLES

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TABLE 812.316-17
SOURCE CONCENTRATIONS, AGQS VALUES, AND PREDICTED LEACHATE CONCENTRATIONS - LOWER RADNOR TILL SAND
Clinton Landfill No. 3 Chemical Waste Unit

Parameter	Units	Maximum Concentration in Leachate	Assumed Leachate Concentration	Predicted LCC in Groundwater	AGQS or MDL	AGQS/MDL> Predicted LCC?
Acenaphthene	ug/l	<20	200	6.14E-04	2.0	Yes
Acenaphthylene	ug/l	<20	200	6.14E-04	2.0	Yes
Anthracene	ug/l	<20	200	6.14E-04	2.0	Yes
Benzene	ug/l	**7.9**	100	3.07E-04	1.0	Yes
Benzo(a)anthracene	ug/l	<20	200	6.14E-04	0.13	Yes
Benzo(a)pyrene	ug/l	<20	200	6.14E-04	0.2	Yes
Benzo(b)fluoranthene	ug/l	<20	200	6.14E-04	0.18	Yes
Benzo(ghi) perylene	ug/l	<20	200	6.14E-04	0.2	Yes
Benzo(k)fluoranthene	ug/l	<20	200	6.14E-04	0.2	Yes
Chrysene	ug/l	<20	200	6.14E-04	0.2	Yes
Pentachlorophenol	ug/l	<100	100	3.07E-04	0.05	Yes
Dibenzo(a,h)anthracene	ug/l	<20	200	6.14E-04	2.0	Yes
Ethylbenzene	ug/l	<2	20	6.14E-05	1.0	Yes
Fluoranthene	ug/l	<20	200	6.14E-04	0.2	Yes
Indeno(1,2,3-cd)pyrene	ug/l	<20	200	6.14E-04	2.0	Yes
Naphthalene	ug/l	**43**	500	1.54E-03	10.0	Yes
PCBs - Total	ug/l	**5.6**	200	6.14E-04	0.5	Yes
Phenanthrene	ug/l	<20	200	6.14E-04	2.0	Yes
Pyrene	ug/l	<20	200	6.14E-04	0.2	Yes
Toluene	ug/l	**28**	300	9.21E-04	1.0	Yes
Xylenes - Total	ug/l	<10	100	3.07E-04	3.0	Yes

Notes:
1) Concentrations are maximum detected values for sites that accept comparable wastes
2) MDL = Method Detection Limit
3) Predicted Concentration in Groundwater are normalized concentrations based upon model results as detailed in Section 812.316. Normalized concentration for the Lower Radnor Till Sand = 3.07E-06
4) Applicable Groundwater Quality Standard (AGQS) is established as the lowest MDL
5) µg/l = micrograms per liter =parts per billion (ppb)
6) NA = Not Applicable

TABLE 812.316-18
SOURCE CONCENTRATIONS, AGQS VALUES, AND PREDICTED LEACHATE CONCENTRATIONS - ORGANIC SOIL
Clinton Landfill No. 3 Chemical Waste Unit

Parameter	Units	Maximum Concentration in Leachate	Assumed Leachate Concentration	Predicted LCC in Groundwater	AGQS or MDL	AGQS/MDL> Predicted LCC?
Acenaphthene	ug/l	<20	200	2.040E-10	2.0	Yes
Acenaphthylene	ug/l	<20	200	2.040E-10	2.0	Yes
Anthracene	ug/l	<20	200	2.040E-10	2.0	Yes
Benzene	ug/l	**7.9**	100	1.020E-10	1.0	Yes
Benzo(a)anthracene	ug/l	<20	200	2.040E-10	0.13	Yes
Benzo(a)pyrene	ug/l	<20	200	2.040E-10	0.2	Yes
Benzo(b)fluoranthene	ug/l	<20	200	2.040E-10	0.18	Yes
Benzo(ghi) perylene	ug/l	<20	200	2.040E-10	0.2	Yes
Benzo(k)fluoranthene	ug/l	<20	200	2.040E-10	0.2	Yes
Chrysene	ug/l	<20	200	2.040E-10	0.2	Yes
Pentachlorophenol	ug/l	<100	100	1.020E-10	0.05	Yes
Dibenzo(a,h)anthracene	ug/l	<20	200	2.040E-10	2.0	Yes
Ethylbenzene	ug/l	<2	20	2.040E-11	1.0	Yes
Fluoranthene	ug/l	<20	200	2.040E-10	0.2	Yes
Indeno(1,2,3-cd)pyrene	ug/l	<20	200	2.040E-10	2.0	Yes
Naphthalene	ug/l	**43**	500	5.100E-10	10.0	Yes
PCBs - Total	ug/l	**6.5**	200	2.040E-10	0.5	Yes
Phenanthrene	ug/l	<20	200	2.040E-10	2.0	Yes
Pyrene	ug/l	<20	200	2.040E-10	0.2	Yes
Toluene	ug/l	**28**	300	3.060E-10	1.0	Yes
Xylenes - Total	ug/l	<10	100	1.020E-10	3.0	Yes

Notes:
1) Concentrations are maximum detected values for sites that accept comparable wastes
2) MDL = Method Detection Limit
3) Predicted Concentration in Groundwater are normalized concentrations based upon model results as detailed in Section 812.316. Normalized concentration for the Organic Soil = 1.02E-12
4) Applicable Groundwater Quality Standard (AGQS) is established as the lowest MDL
5) µg/l = micrograms per liter =parts per billion (ppb)
6) NA = Not Applicable

ATTACHMENT 6

ORGANIC SOIL MODEL

Shaw®

ORGANIC SOIL

GROUNDWATER IMPACT ASSESSMENT

Shaw®

GROUNDWATER IMPACT ASSESSMENT

The following information documents the assumptions and values used for the Organic Soil model. The model represents the anticipated site conditions for the design and hydrogeologic setting of the Chemical Waste Unit (CWU). The assumptions and values are based on the actual design and CQA plan proposed in the application and the information obtained from the hydrogeologic investigation. When site specific values were not available, appropriate and conservative values from literature or values recommended by the IEPA were used.

Model Input

MIGRATE requires values for the input parameters identified in Table 1. The sources of the assigned parameter values for this GIA are described as follows. To the extent possible, site or chemical specific values were used. As previously mentioned, when site or chemical specific parameters were not available, appropriate values were obtained from published literature or by values recommended by the IEPA. In general, the input parameter values assigned for use in this GIA were intentionally biased when site-specific values were not available, to result in a higher predicted groundwater concentration in the Organic Soil to conform to IEPA conservative approaches. An example of a "conservative" value is using an adsorption coefficient, K_d, equal to zero for constituents that would readily be adsorbed to the liner material.

All model input must have consistent units. Each of the model input parameters are discussed briefly in the following paragraphs. Documentation for model input parameters is included within Attachment 3.

Landfill Length

The landfill flow length must be specified in MIGRATE. For modeling purposes, this value is the length of the bottom of the leachate collection system along the aquifer groundwater flow path. Groundwater flow in the aquifer flows from north-northeast to south-southwest underneath the Site. The estimated model landfill flow length is approximately 227.26 m. Documentation establishing the landfill flow length is included in Attachment 3.

Initial Leachate Concentration

The initial leachate concentration input used was one (1). This value is unitless because it represents the unit leachate concentration of any given constituent. Therefore, the model results represent a fraction of the initial leachate concentration for any particular constituent.

Number of Layers and Layer Thicknesses

Five layers will be modeled at the site; a 60-mil HDPE geomembrane liner, a 3-foot compacted cohesive soil liner, 2.90 feet of compacted clay fill, 19.87 feet of Berry Clay/Radnor Till, and 3.42 feet of the Organic Soil. MIGRATE also allows a layer to be subdivided so that the predicted concentration distribution within a layer can be evaluated. The HDPE geomembrane liner, compacted cohesive soil liner, compacted clay fill, Berry Clay/Radnor Till, and Organic Soil were divided into 1, 3, 3, 3, and 3 sublayers, respectively. Sensitivity analysis on the thickness of the compacted clay fill, Berry Clay/Radnor Till, and Organic Soil is provided in the sensitivity analysis section of this report. Layer thickness documentation is provided in Attachment 3.

TABLE 1 ORGANIC SOIL INPUT PARAMETER VALUES CLINTON LANDFILL No. 3 CWU			
Parameter	**Value**	**Notes**	**Data**
Landfill Base Length (L)(m)	227.26	Length of Unit from Northeast to Southwest	1,2
Initial Leachate Concentration (Co)	1	Unit Leachate Concentration	2
Number of Layers	5	Total Number of Modeled Layers	1,2
Modeling Period (years)	134	34 Years Active Life Plus 100 Years Past Closure.	2,3
TALBOT PARAMETERS			
TAU	7	Talbot Parameters for the Numerical Inversion of the Laplace Transform	2
Sigma	0		2
RNU	1		2
N	11		2
GAUSS INTEGRATION PARAMETERS			
Gauss Integration Parameters	Select	Selected Gauss Integration Parameters	2
LAYER 1 - 60-mil HDPE Geomembrane Liner			
Sublayers	1	Model Parameter	2
Thickness (b) (m)	0.0015	Design Specification	1,2
Porosity (n_e)	1	Assume all flow through pinholes	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	0.94	HDPE Manufacturer's Specification	1,2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2
Horizontal Darcy Velocity (m/yr)	0.0	Assuming Vertical Flow in Liner (only)	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	3.0×10^{-5}	IEPA Recommended Value	3
Mechanical Dispersion Coefficient (D_m) (m^2/yr)	3.0×10^{-5}	$D_m = D^*$ (Dispersion was set equal to diffusion due to the low seepage rate out of the liner, movement will be dominated by diffusion)	1,2
Coeff. of Hydrodynamic Dispersion (D) (m^2/yr)	3.0×10^{-5}	$D = D^*$ (Due to the low seepage rate, movement will be dominated be diffusion)	1,2

TABLE 1 (continued)
ORGANIC SOIL INPUT PARAMETER VALUES
CLINTON LANDFILL No. 3 CWU

Parameter	Value	Notes	Data
LAYER 2 - Compacted Cohesive Soil Liner			
Sublayers	3	Model Parameter	2
Thickness (b) (m)	0.9144	Design Specification	1,2
Porosity (n_e)	0.24	Estimated Effective Porosity based on Laboratory Results for the Existing Liner at Clinton Landfill No. 2	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	1.9	Default Value	2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2
Horizontal Darcy Velocity (m/yr)	0.0	Assuming Vertical Flow in Liner (only)	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	0.0158	IEPA Recommended Value	3
Mechanical Dispersion Coefficient (D_m) (m^2/yr)	0.0158	$D_m = D^*$ (Dispersion was set equal to diffusion due to the low seepage rate out of the liner, movement will be dominated by diffusion)	1,2
Coeff. of Hydrodynamic Dispersion (D) (m^2/yr)	0.0158	$D = D^*$ (Due to the low seepage rate, movement will be dominated be diffusion)	1,2
LAYER 3 - Compacted Clay Fill			
Sublayers	3	Model Parameter	2
Thickness (b) (m)	0.8839	Average Thickness of the Clay Fill between the Base of the Liner and Top of the Berry Clay	1,2
Porosity (n_e)	0.24	Estimated Effective Porosity based on Laboratory Results for the Existing Liner at Clinton Landfill No. 2	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	1.9	Default Parameter	2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2
Horizontal Darcy Velocity (m/yr)	0.0	Assuming Vertical Flow in Delavan Member	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	0.0158	IEPA Recommended Value	3

TABLE 1 (continued)
ORGANIC SOIL INPUT PARAMETER VALUES
CLINTON LANDFILL No. 3 CWU

Parameter	Value	Notes	Data
Mechanical Dispersion Coefficient (D_m) (m^2/yr)	0.0158	$D_m = D^*$ (Dispersion was set equal to diffusion due to the low seepage rate out of the liner, movement will be dominated by diffusion)	1,2
Coeff. of Hydrodynamic Dispersion (D) (m^2/yr)	0.0158	$D = D^*$ (Due to the low seepage rate, movement will be dominated be diffusion)	1,2
LAYER 4 - Berry Clay/Radnor Till			
Sublayers	3	Model Parameter	2
Thickness (b) (m)	6.06	Average Thickness of Berry Clay/Radnor Till	1,2
Porosity (n_e)	0.24	Estimated Effective Porosity based on Laboratory Results for the Berry Clay/Radnor Till	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	1.9	Default Parameter	1,2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2
Horizontal Darcy Velocity (m/yr)	0.0	Assuming Vertical Flow in Liner (only)	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	0.0158	IEPA Recommended Value	3
Mechanical Dispersion Coefficient (D_m) (m^2/yr)	0.0158	$D_m = D^*$ (Dispersion was set equal to diffusion due to the low seepage rate out of the liner, movement will be dominated by diffusion)	1,2
Coeff. of Hydrodynamic Dispersion (D) (m^2/yr)	0.0158	$D = D^*$ (Due to the low seepage rate, movement will be dominated be diffusion)	1,2
LAYER 5 - Organic Soil			
Sublayers	3	Model Parameter	2
Thickness (b) (m)	1.042	Average Thickness of Organic Soil	1,2
Porosity (n_e)	0.40	Estimated Effective Porosity based on Laboratory Results for the Roxanna/Robein Member (similar to the Organic Soil)	1,2
Adsorption Coefficient (K) (Kg/m^3)	0.0	No Adsorption Modeled	2,3
Degradation (λ)	0.0	No Degradation Modeled	2,3
Density (ρ) (g/cm^3)	1.9	Default Parameter	1,2
Vertical Darcy Velocity (m/yr)	3.08×10^{-4}	Assuming Outward Gradient	1,2

TABLE 1 (continued)
ORGANIC SOIL INPUT PARAMETER VALUES
CLINTON LANDFILL No. 3 CWU

Parameter	Value	Notes	Data
Horizontal Darcy Velocity (m/yr)	0.052	Calculated Using Geometric Mean Hydraulic Conductivity of the Organic Soil and Average Gradient.	1,2
Effective Diffusion Coefficient (D^*) (m^2/yr)	0.0158	IEPA Recommended Value	3
Mechanical Dispersion (horizontal)(D_h) (m^2/yr)	0.85	Provided by Xu and Eckstein, 1995 and seepage velocity	1,2
Mechanical Dispersion (vertical) (D_v) (m^2/yr)	0.085	Ten Percent of the Horizontal Mechanical Dispersion	1,2

Explanation of Data:
1. Value is based on actual anticipated site conditions
2. Value is required model input parameter
3. Value is conservative value which will result in higher predicted concentrations than the actual anticipated site conditions

Modeling Period

The modeling period is the expected life of the CWU plus 100 years after closure. The expected life of the CWU has been estimated to be approximately 34 years, resulting in a modeling period of 134 years.

Talbot Parameters

MIGRATE uses a Laplace transform to find the solution to the advection-dispersion equation. The numerical inversion of the Laplace transform depends on the Talbot parameters. The model provides default values for the Talbot parameters or they can be selected by the user. The default Talbot parameters were used in the groundwater model.

Gauss Integration Parameters

MIGRATE performs numerical integration to arrive at a final solution. These numerical integrations are performed by dividing the integration range into a number of subintervals and then using Gauss quadrature within each subinterval. Three (3) parameters must be specified in the data input. These parameters are the integration step size, the number of integration steps, and the number of sample points. The program offers three (3) sets of default values or the ability to select each of the parameters. For this model, integration values were selected over normal integration. Although selecting integration values requires additional computational effort and time, this option was employed to provide adequate integration for the modeled layers at the subject site to calculate the groundwater concentration prediction factors.

Boundary Conditions

MIGRATE requires the specification of an upper and lower boundary condition. The top boundary condition typically represents the landfill as a potential source. When modeling the landfill as a surface boundary, the concentration of each constituent in leachate can be

assumed to be constant or a specific mass can be assumed to be present. Assuming finite mass results in a decreasing source concentration over time, which would most accurately represent the fact that leachate concentrations in landfills with leachate collection and removal systems will gradually decrease over time. However, a constant concentration was assumed as it results in conservative model results.

The lower boundary condition can be specified as permeable, impermeable, or zero concentration. For this model, the impermeable bottom boundary condition was utilized. The impermeable bottom boundary is conservative as it does not allow any transmission of contaminant across this boundary. If the bottom boundary was not assumed to be impermeable, contaminants would actually diffuse and migrate across this boundary and move into the geologic unit below (reducing concentrations).

Darcy Velocity

MIGRATE requires the input of the Darcy velocity for each layer in horizontal and vertical directions. The vertical Darcy velocity was modeled outward at 3.08×10^{-4} m/yr. A horizontal Darcy velocity will be applied to the Organic Soil. The gradient table provided in Attachment 3 indicates an average horizontal gradient of approximately 0.00628. The horizontal hydraulic conductivities of the Organic Soil obtained from slug testing range from 2.66×10^{-3} cm/sec to 5.70×10^{-7} cm/sec with a geometric mean of 2.60×10^{-5} cm/sec. A horizontal advective velocity of 0.052 m/yr is obtained from an average gradient of 0.00628 and geometric mean of 2.60×10^{-5} cm/sec. Sensitivity runs will be performed using the maximum and minimum gradients and maximum and minimum horizontal hydraulic conductivities for the Organic Soil.

Hydrodynamic Dispersion Coefficient

MIGRATE requires the input of hydrodynamic dispersion coefficients for both the vertical and horizontal directions for each layer. The hydrodynamic dispersion coefficient is calculated by the following equation:

$$D = D^* + \alpha v \qquad \text{(Equation 1)}$$

where,

D	=	the hydrodynamic dispersion coefficient (m^2/yr),
α	=	the dispersivity (m),
v	=	the groundwater seepage velocity (m/yr),
D^*	=	the effective diffusion coefficient (m^2/yr).

Table 1 lists the model input dispersion coefficient values. The dominant transport mechanism for the HDPE, compacted cohesive soil liner, compacted clay fill, and Berry Clay/Radnor Till is diffusion due to the low outward seepage rate (3.08×10^{-4} m/yr) through the liner system. The diffusion rate in the clay liner will be greater than the conservative seepage rate out of the landfill. An effective diffusion coefficient of 3.0×10^{-5} m^2/y (Rowe, Quigley, and Booker, 1995) was used for the 60-mil HDPE geomembrane liner. An input of 0.0158 m^2/y was used to represent the effective diffusion coefficient in the 3-foot compacted cohesive soil liner, compacted clay fill, and Berry Clay/Radnor Till. In the Organic Soil dispersion dominates the hydrodynamic dispersion coefficient. The weighted least-squares method described by Xu and Eckstein (1995) was used to determine the horizontal dispersivity ($0.83(\text{Log Landfill Length})^{2.414} = 0.83(\text{Log } 227.26)^{2.414} = 6.57$ m). The dispersion coefficient was then obtained by taking the horizontal Darcy velocity 0.052 m/yr dividing by the estimated effective porosity (0.40)(creating the groundwater seepage velocity 0.129 m/yr) and multiplying by the dispersivity (6.57 m). A horizontal dispersion coefficient value of 0.85 m^2/yr

was obtained and used in the model. The vertical dispersion coefficient was assumed to be ten percent of the horizontal dispersion coefficient. With the dispersion coefficient dominating over the diffusion coefficient in the Organic Soil, the Hydrodynamic Dispersion Coefficient will be set equal to the dispersion coefficient in the Organic Soil.

Estimated Effective Porosity Input

Table 1 lists the effective porosity values for the model layers. The porosity of the 60-mil HDPE geomembrane liner was assumed to be 1 with all flow occurring through the pinholes in the liner. The density of the HDPE liner was obtained from manufacturer's specifications.

The estimated effective porosity value for the compacted cohesive soil liner and compacted clay fill (0.24) was based on laboratory data for Clinton Landfill No. 2, which is provided in Attachment 3.

The estimated effective porosity value for the Berry Clay/Radnor Till (0.24) was based on laboratory data for the Berry clay and Radnor Till, which is provided in Attachment 3.

The estimated effective porosity value for the Organic Soil (0.38) was based on laboratory data for the Roxanna/Robein Member, which is provided in Attachment 3. It was considered reasonable to use the Roxanna/Robein Member values for the Organic Soil due to the similar characteristics between these two ancient soil zones. It also provides site-specific data.

Adsorption Coefficient

The adsorption coefficient (K_d) is used to simulate retardation of constituents in the subsurface. The adsorption coefficient is specific to each particular compound and the geologic material.

Although adsorption can play a significant role in retarding the migration of numerous constituents in groundwater, it is conservatively assumed that the adsorption coefficients are zero.

Degradation

Degradation is used to simulate degradation of constituents in the subsurface. Degradation is specific to each particular compound.

Although degradation can play a significant role in reducing the migration of numerous constituents in groundwater, it is conservatively assumed that degradation is not present.

Model Evaluation Distance

The model evaluation distance is not a model input parameter. However, this distance is needed in order to evaluate the results of the GIA since the model only provides results for specified distances. The results provided by MIGRATE for a particular distance are relative to the center of the landfill along the longest groundwater flow path. Therefore, when evaluating the results reported for all the various distances evaluated in the various modeling steps, the lateral distance to the center of the landfill needs to be considered and augmented accordingly. The model evaluation distance is thus defined here as the distance from the center of the landfill to the edge of the zone of attenuation along the longest flow path. The zone of attenuation, as defined in 35 Ill. Admin. Code 810.103, is the "three dimensional

region formed by excluding the volume occupied by the waste placement from the smaller of the volumes resulting from the vertical planes drawn to the bottom of the uppermost aquifer at the property boundary or 100 feet from the edge of one or more adjacent units." For the proposed expansion, the edge of the zone of attenuation is 100 feet from the waste boundary.

Thus, the model evaluation distance becomes the sum of half of the landfill bottom length plus the sidewall distance plus the compliance distance along the longest flow path. As stated before in the landfill length section, the model input landfill length is 227.26 m. The distance created by the side wall length is 32.1 m and the compliance distance is 30.48 m (100 feet). The corresponding model evaluation distance is 176.21 m ((227.26/2) + 32.10 + 30.48). The concentrations also need to be predicted at 1/3 and 2/3 of the distance between the waste boundary and the limit of the zone of attenuation. The corresponding model evaluation distances are 155.89 m ((227.26/2) + 32.10 + (30.48*1/3)) and 166.05 m ((227.26/2) + 32.10 + (30.48*2/3)).

Model Results

The GIA was completed to evaluate the anticipated site conditions based upon the hydrogeology and the proposed designs, the CQA plan, the operations, and the post-closure care of the facility. The results of the GIA, as discussed below, demonstrate that the CWU will not have an adverse impact on groundwater quality in the Organic Soil at the ZOA for 100 years after closure of the CWU.

Anticipated Site Conditions Phase

The model output for the CWU is included in Attachment 6. The model predicted representative maximum Groundwater Concentration Prediction Factor (GCPF) for the entire 134 year simulation period at the edge of the zone of attenuation is 1.02×10^{-12}.

As discussed earlier, the model predicted groundwater concentration for each of the constituents can simply be obtained by multiplying the maximum GCPF and the initial leachate concentration corresponding to the respective constituent.

The leachate quality data established at similar facilities and the existing Clinton Landfill No. 2 were used in conjunction with the groundwater concentration prediction factors to compare the predicted groundwater concentrations in the Organic Soil at the CWU to the AGQSs provided on Table 812.316-18 in Attachment 5. As indicated in Table 812.316-18, the model predicted groundwater concentrations in the Organic Soil at the ZOA do not exceed the AGQS for each respective constituent at the CWU.

Thus, the proposed CWU design and site hydrogeologic characteristics are such that there will be no adverse impact on groundwater quality in the Organic Soil. Expected concentrations in the groundwater will actually be lower than those predicted in the GIA because of the overly conservative nature of the model.

Concentration versus time and distance plots for the model are presented in Attachment 6. The concentration versus distance plots show the model predicted concentrations at the waste boundary, 1/3 the distance to the ZOA, 2/3 the distance to the ZOA, and at the ZOA.

Sensitivity Analysis

As discussed in the Model Input section, many of the model input parameters were site specific. The Organic Soil model for the CWU used representative values from these site specific parameters. As discussed in the Model Results section and shown in Table 812.316-18, model predicted GCPF values and thus groundwater concentrations were noted at the zone of attenuation. Accordingly, the sensitivity analysis focused on the effect of changes to the Organic Soil model input parameters on the model predicted representative maximum GCPF at the ZOA. The sensitivity analyses for the CWU are provided in Attachment 7. Justification for the variation used in the sensitivity analyses is discussed as follows. A table at the front of the sensitivity analyses summarizes the sensitivity analyses done on Organic Soil model.

Coefficient of Hydrodynamic Dispersion

The coefficient of hydrodynamic dispersion of the HDPE (3.0×10^{-5} m^2/yr) was increased and decreased by 25%. This value has been derived from laboratory testing. Therefore, a 25% change is considered conservative and will result in a satisfactory sensitivity evaluation of this parameter. In the 3-foot compacted clay liner, compacted clay fill, and Berry Clay/Radnor Till, the baseline value used for the coefficient of hydrodynamic dispersion (0.0158 m^2/yr) was increased and decreased by 25%. A 25% increase in coefficient of hydrodynamic dispersion (0.0158 m^2/yr x 0.25 = 0.01975 m^2/yr) results in a value near 0.02 m^2/yr, which is considered to be the maximum diffusion rate for chloride in clay. Therefore, the 25% increase in the coefficient of hydrodynamic dispersion results in a satisfactory sensitivity evaluation of this parameter. In the Organic Soil, the coefficient of hydrodynamic dispersion was dominated by dispersion. The coefficient of hydrodynamic dispersion used for the baseline model was 0.85 m^2/yr. It was determined that the increased and decreased Darcy velocity (maximum and minimum gradients and maximum and minimum horizontal hydraulic conductivities) sensitivity runs would increase and decrease the dispersion values (0.91 to 0.79 m^2/yr and 86.72 to 0.018 m^2/yr, respectively), resulting in a satisfactory sensitivity evaluation of this parameter.

Porosity

The estimated effective porosity of the 3-foot compacted clay liner and compacted clay fill, that was used for the baseline model (0.24), was based on the site specific laboratory data for the compacted liner at the Clinton Landfill No. 2. Due to the availability of estimated effective porosities based on the site specific data, it was possible to obtain a range of values (0.20 to 0.28) from the samples tested. As such, sensitivity analyses were run using both the maximum and minimum estimated effective porosity expressed in the laboratory results for the compacted liner at the Clinton Landfill No. 2.

The estimated effective porosity of the Berry Clay/Radnor Till, that was used for the baseline model (0.24), was based on the site specific laboratory data for the Berry Clay/ Radnor Till. Due to the availability of estimated effective porosities based on the site specific data, it was possible to obtain a range of values (0.15 to 0.31) from the samples tested. As such, sensitivity analyses were run using both the maximum and minimum estimated effective porosity expressed in the laboratory results for the Berry Clay/Radnor Till.

The estimated effective porosity of the Organic Soil, that was used for the baseline model (0.40), was based on the site specific laboratory data for the Roxanna/Robein Member. Due to the availability of estimated effective porosities based on the site specific data, it was possible to obtain a range of values (0.25 to 0.56) from the samples tested. As such,

sensitivity analyses were run using both the maximum and minimum estimated effective porosity.

It should be noted that the porosity of the HDPE was not changed because it is at the maximum recommended value suggested by the MIGRATE users guide (Rowe, Booker and Fraser, 1995). This value is documented in Attachment 3.

Darcy Velocity

For the baseline model, the vertical Darcy velocity was conservatively calculated with 1 foot of leachate head and poor liner conditions. This value is already overly conservative, but was increased and decreased by one order of magnitude for the sensitivity analysis. As a result, it was determined that a Darcy velocity increased and decreased by one order of magnitude will result in a satisfactory sensitivity evaluation of this parameter.

It was determined that using Darcy velocities in the Organic Soil created separately by the maximum and minimum gradient (0.055 m/yr and 0.048 m/yr) and maximum and minimum horizontal hydraulic conductivity (5.27 m/yr and 0.0011 m/yr) will result in a satisfactory sensitivity evaluation of this parameter.

Layer Thickness

The minimum thickness of the compacted clay fill between the base of the liner and the Berry Clay is 0.0 feet. It was determined that using the minimum thickness will result in a satisfactory evaluation of this parameter. The maximum and minimum thicknesses of the clay fill are documented in Attachment 3.

The minimum thickness of the Berry Clay/Radnor Till is 16.0 feet. It was determined that using the minimum thickness will result in a satisfactory evaluation of this parameter. The maximum and minimum thicknesses of the Berry Clay/Radnor Till are documented in Attachment 3.

The average thickness of the Organic Soil was used in the model. The thickness of the Organic Soil was reduced to the site minimum 0.6 feet. The thickness of the Organic Soil was not increased from the average value, increasing the thickness would increase dilution resulting in a lower predicted concentration. The maximum and minimum thicknesses of the Organic Soil are documented in Attachment 3.

The thickness of the 3-foot Recompacted Clay Liner and HDPE will not vary. These layers will be installed / constructed and will be inspected in accordance with the CQA plan.

As discussed in the Model Results section, the model predicted representative maximum GCPF for the Organic Soil corresponds to the time period of 134 years. All the sensitivity analysis runs were carried out corresponding to a time period of 134 years.

The 'Summary of Results - Sensitivity Analysis (Organic Soil)' table in Attachment 7 includes all of the sensitivity analyses runs.

Sensitivity analysis of the above mentioned parameters resulted in satisfactory results for all of the sensitivity runs.

Model Reliability

The computer based transport model used in the present GIA is based on rigorous and sound analytical solutions to the advective and chemical transport equations. The equations were specifically derived for the purpose of modeling physical and chemical transport from subsurface waste impoundments. Numerous publications, comprehensive documentation and extensive use of this solution approach indicates the versatility of the model for groundwater impact evaluation purposes (Rowe, 1987; Rowe and Booker, 1987; Rowe, 1988; Rowe and Booker, 1989; Rowe and Booker, 1985; Talbot, 1979). Results obtained using this solution approach are comparable to those obtained using other solution approaches to the transport equation (Rowe and Booker, 1990). The inherent soundness of the model gives rise to modeling the physical situation more closely to the actual conditions. This is evident from the results of the model runs. The finite layer approach used by the modeling analysis fits the stratigraphy observed at the site. Considering the transport processes through various hydrogeological stratums at the pertinent site, the MIGRATE model reasonably incorporates these processes.

Conservativeness of Baseline Model

Site specific data was used for input parameters in the models when possible. When site specific data was not available, appropriate input data was determined based on the extensive knowledge of the site and documented with research literature. These parameters, if they had a high degree of uncertainty, were conservatively estimated.

GIA Conclusions

This GIA was performed in order to evaluate the proposed CWU design and site hydrogeologic conditions. The GIA transport model created to evaluate contaminant transport below the CWU yields groundwater concentration prediction factors, resulting in predicted groundwater concentrations in the Organic Soil that are less than the AGQS values.

The results of this GIA demonstrate that the design features of the proposed CWU are effective in protecting groundwater quality in the Organic Soil and that the site hydrogeologic conditions are favorable for the development of a CWU.

References

Anderson, M.P. and Woessner, W.W. (1992). Applied Groundwater Modeling - Simulation of Flow and Advective Transport, Academic Press, San Diego, CA.

Freeze, R. A. and J. A. Cherry (1979). Groundwater, Prentice-Hall, Englewood Cliffs, NJ.

Gelhar, L.W., C. Welty and K. Rehfeldt (1992). "A Critical Review of Data on Field-Scale Dispersion in Aquifers", Water Resources Research, Vol. 28, No. 7, Pages 1955-1974, July 1992.

Giroud, J. P. and R. Bonaparte (1989). "Leakage through Liners Constructed with Geomembranes - Part I. Geomembrane Liners" and "Leakage through Liners Constructed with Geomembranes - Part II. Composite Liners", Geotextiles and Geomembranes, Vol. 8, Elsevier Science Publishers Ltd., England, Part I, Pages 27-67 and Part II, Pages 71-111.

Howard, P.H., R. Boethling, W. Jarvis, W. Meylan, and E. Michalenko (1991). Handbook of Environmental Degradation Rates, Lewis Publishers, New York.

Rowe, R.K. (1987). "Pollutant transport through barriers", Proceedings of ASCE Specialty Conference, Geotechnical Practice for Waste Disposal '87, Ann Arbor, June, pp. 159-181.

Rowe, R.K. (1988). "Contaminant Migrating Through Groundwater: The Role of Analysis in The Design of Barriers", Canadian Geotechnical Journal, 25(4), pp. 778-798.

Rowe, R.K. (1991). "Contaminant Impact Assessment and the Contaminating Lifespan of Landfills", Canadian Journal of Civil Engineering, vol. 18, pp. 244-253.

Rowe, R. K. (1991). "Leachate Detection or Hydraulic Control: Two Design Options", Geotechnical Research Center Report, GEOT-3-91, Geotechnical Research Center, The University of Western Ontario.

Rowe, R. K. (1995). "The Role of Diffusion and the Modeling of its Impact on Groundwater Quality", Geotechnical Research Center Report, GEOT-7-95, Geotechnical Research Center, The University of Western Ontario.

Rowe, R.K. (1998). "Geosynthetics and the Minimization of Contaminant Migration through Barrier Systems Beneath Solid Waste", Sixth International Conference on Geosynthetics.

Rowe, R.K. and Booker, J.R. (1985). "1-D pollutant migration in soils of finite depth", Journal of Geotechnical Engineering, ASCE, Vol. 11, GT4, pp. 13-42.

Rowe, R.K. and Booker, J.R. (1985). "Two-Dimensional Pollutant Migration in Soils of Finite Depth", Canadian Geotechnical Journal, Volume 22, No. 4, pp. 479-499.

Rowe, R.K. and Booker, J.R. (1986) "A Finite Layer Technique for Calculating Three-Dimensional Pollutant Migration in Soil", Geotechniques 36, No. 2, pp. 205-214.

Rowe, R.K. and Booker, J.R. (1987). "An efficient analysis of pollutant migration through soil", Chapter 2 in the book "Numerical Methods for Transient and Coupled Systems", Eds. Lewis, Hinton, Bettess and Schrefler. John Wiley & Sons Ltd., pp. 13-42.

Rowe, R. K. and J. R. Booker (1988). "A Semi-Analytical Model for Contaminant Migration in a Regular Two or Three Dimensional Fractured Network: Conservative Contaminants", Geotechnical Research Center Report, GEOT-15-88, Geotechnical Research Center, The University of Western Ontario.

Rowe, R.K. and Booker, J.R. (1989). "Contaminant migration through a liner underlain by fractured till and an aquifer", Geotechnical Research Center Report GEOT-12-89; Faculty of Engineering Science, U.W.O.

Rowe, R. K., J. R. Booker and M. J. Fraser. MIGRATEv9, GAEA Environmental Engineering, Ltd., Windsor, Ontario, Canada, 1995.

Rowe, R. K., R. M. Quigley and J. R. Booker. (1995). "Clayey Barrier Systems for Waste Disposal Facilities", E & FN Spon, London, England.

Sara, M. (1994). "Standard Handbook for Solid and Hazardous Waste Facility Assessments", Lewis, U.S.A.

Shackelford, C.D. (1990). "Laboratory diffusion testing for waste disposal - a review", J. of Contaminant Hydrology, Elsevier Science Publishers, Amsterdam, Netherlands.

Talbot, A. (1979). "The accurate numerical integration of La place transforms", J. Inst. Math's. Applics., 23, pp. 97-120.

Todd, D.K. (1980). Groundwater Hydrology. John Wiley & Sons Inc. New York.

U.S. EPA (1992). "Action Leakage Rates for Leak Detection Systems", EPA 530-R-92-004, U.S. EPA, Washington, D.C.

Walton, W.C. (1991). "Principles of Groundwater Engineering", Lewis Publishers.

Xu, M. and Y. Eckstein (1995). "Use of Weighted Least Squares Method in Evaluation of the Relationship Between Dispersivity and Field Scale", Ground Water, v.33, No. 6, pp. 905-908.

ORGANIC SOIL MODEL OUTPUT

Shaw®

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Clinton LF No. 3 (CWU) Organic Soil
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SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -113.6300< X < 113.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -113.6300< X < 113.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.850E-01	.850E+00	0.400	0.000E+00	1900.000	0.0520	0.0003	0.35
12	.850E-01	.850E+00	0.400	0.000E+00	1900.000	0.0520	0.0003	0.35
13	.850E-01	.850E+00	0.400	0.000E+00	1900.000	0.0520	0.0003	0.35

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

SELECTED GAUSS QUADRATURE SAMPLE POINTS ARE:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.348E-01
NUMBER OF SUBINTERVALS = 100
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CULATED CONCENTRATIONS AT SELECTED DEPTHS,
TERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.1457E+03	0.0000E+00	0.6986E-03	0.1072E+02	0.0000E+00
		0.1500E-02	0.4015E-03		
		0.3063E+00	0.1089E-03		
		0.6111E+00	0.2182E-04		
		0.9159E+00	0.2911E-05		
		0.1211E+01	0.2652E-06		
		0.1505E+01	0.1499E-07		
		0.1800E+01	0.5146E-09		
		0.3820E+01	0.1131E-18		
		0.5840E+01	0.1757E-26		
		0.7860E+01	0.1904E-34		
		0.8207E+01	-0.1728E-35		
		0.8554E+01	0.6446E-35		
		0.8902E+01	0.1475E-34		
0.5000E+01	0.1559E+03	0.0000E+00	-0.1735E-02	0.1072E+02	0.0000E+00
		0.1500E-02	-0.1006E-02		
		0.3063E+00	-0.2781E-03		
		0.6111E+00	-0.5642E-04		
		0.9159E+00	-0.7584E-05		
		0.1211E+01	-0.6937E-06		
		0.1505E+01	-0.3932E-07		
		0.1800E+01	-0.1352E-08		

		0.3820E+01	-0.3185E-18		
		0.5840E+01	-0.7309E-26		
		0.7860E+01	-0.3799E-34		
		0.8207E+01	-0.2563E-35		
		0.8554E+01	-0.1779E-36		
		0.8902E+01	-0.2541E-34		
0.5000E+01	0.1661E+03	0.0000E+00	0.1440E-02	0.1072E+02	0.0000E+00
		0.1500E-02	0.8363E-03		
		0.3063E+00	0.2321E-03		
		0.6111E+00	0.4721E-04		
		0.9159E+00	0.6353E-05		
		0.1211E+01	0.5817E-06		
		0.1505E+01	0.3298E-07		
		0.1800E+01	0.1134E-08		
		0.3820E+01	0.2705E-18		
		0.5840E+01	0.6561E-26		
		0.7860E+01	0.3742E-34		
		0.8207E+01	0.1969E-35		
		0.8554E+01	0.4826E-35		
		0.8902E+01	-0.1408E-34		
0.5000E+01	0.1762E+03	0.0000E+00	-0.4750E-03	0.1072E+02	0.0000E+00
		0.1500E-02	-0.2765E-03		
		0.3063E+00	-0.7725E-04		
		0.6111E+00	-0.1577E-04		
		0.9159E+00	-0.2127E-05		
		0.1211E+01	-0.1950E-06		
		0.1505E+01	-0.1107E-07		
		0.1800E+01	-0.3808E-09		
		0.3820E+01	-0.9262E-19		
		0.5840E+01	-0.2429E-26		
		0.7860E+01	-0.9586E-35		
		0.8207E+01	-0.3035E-35		
		0.8554E+01	0.1090E-36		
		0.8902E+01	-0.6261E-35		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.1726E+02	0.0000E+00
		0.1500E-02	0.4151E-03		
		0.3063E+00	0.1343E-03		
		0.6111E+00	0.4038E-04		
		0.9159E+00	0.1075E-04		
		0.1211E+01	0.2550E-05		
		0.1505E+01	0.5007E-06		
		0.1800E+01	0.7944E-07		
		0.3820E+01	0.3794E-15		
		0.5840E+01	0.2640E-20		
		0.7860E+01	-0.7638E-27		
		0.8207E+01	0.2649E-29		
		0.8554E+01	0.4473E-29		
		0.8902E+01	0.2880E-29		
0.1000E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.1726E+02	0.0000E+00
		0.1500E-02	-0.1042E-02		
		0.3063E+00	-0.3469E-03		
		0.6111E+00	-0.1067E-03		

		0.9159E+00	-0.2891E-04		
		0.1211E+01	-0.6946E-05		
		0.1505E+01	-0.1376E-05		
		0.1800E+01	-0.2196E-06		
		0.3820E+01	-0.1041E-14		
		0.5840E+01	-0.7473E-20		
		0.7860E+01	0.2648E-26		
		0.8207E+01	0.5448E-28		
		0.8554E+01	0.5178E-29		
		0.8902E+01	0.2897E-29		
0.1000E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.1726E+02	0.0000E+00
		0.1500E-02	0.8672E-03		
		0.3063E+00	0.2901E-03		
		0.6111E+00	0.8968E-04		
		0.9159E+00	0.2437E-04		
		0.1211E+01	0.5867E-05		
		0.1505E+01	0.1164E-05		
		0.1800E+01	0.1860E-06		
		0.3820E+01	0.8809E-15		
		0.5840E+01	0.6344E-20		
		0.7860E+01	-0.2278E-26		
		0.8207E+01	-0.3161E-28		
		0.8554E+01	0.3857E-29		
		0.8902E+01	0.2865E-29		
0.1000E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.1726E+02	0.0000E+00
		0.1500E-02	-0.2870E-03		
		0.3063E+00	-0.9689E-04		
		0.6111E+00	-0.3016E-04		
		0.9159E+00	-0.8238E-05		
		0.1211E+01	-0.1990E-05		
		0.1505E+01	-0.3958E-06		
		0.1800E+01	-0.6336E-07		
		0.3820E+01	-0.2995E-15		
		0.5840E+01	-0.2177E-20		
		0.7860E+01	0.8566E-27		
		0.8207E+01	0.2771E-28		
		0.8554E+01	0.4822E-29		
		0.8902E+01	0.2888E-29		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.2254E+02	0.0000E+00
		0.1500E-02	0.4174E-03		
		0.3063E+00	0.1394E-03		
		0.6111E+00	0.4554E-04		
		0.9159E+00	0.1428E-04		
		0.1211E+01	0.4369E-05		
		0.1505E+01	0.1226E-05		
		0.1800E+01	0.3092E-06		
		0.3820E+01	0.4899E-12		
		0.5840E+01	0.9448E-19		
		0.7860E+01	0.8376E-24		
		0.8207E+01	0.3354E-25		
		0.8554E+01	-0.3594E-26		
		0.8902E+01	-0.1076E-25		

0.1500E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.2254E+02	0.0000E+00
		0.1500E-02	-0.1049E-02		
		0.3063E+00	-0.3615E-03		
		0.6111E+00	-0.1217E-03		
		0.9159E+00	-0.3918E-04		
		0.1211E+01	-0.1224E-04		
		0.1505E+01	-0.3496E-05		
		0.1800E+01	-0.8927E-06		
		0.3820E+01	-0.1466E-11		
		0.5840E+01	-0.5069E-18		
		0.7860E+01	-0.1080E-23		
		0.8207E+01	0.8914E-26		
		0.8554E+01	-0.4794E-26		
		0.8902E+01	-0.1170E-25		
0.1500E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.2254E+02	0.0000E+00
		0.1500E-02	0.8730E-03		
		0.3063E+00	0.3027E-03		
		0.6111E+00	0.1025E-03		
		0.9159E+00	0.3314E-04		
		0.1211E+01	0.1039E-04		
		0.1505E+01	0.2976E-05		
		0.1800E+01	0.7617E-06		
		0.3820E+01	0.1258E-11		
		0.5840E+01	0.4649E-18		
		0.7860E+01	0.8940E-24		
		0.8207E+01	0.2526E-25		
		0.8554E+01	-0.4967E-26		
		0.8902E+01	-0.1173E-25		
0.1500E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.2254E+02	0.0000E+00
		0.1500E-02	-0.2890E-03		
		0.3063E+00	-0.1012E-03		
		0.6111E+00	-0.3457E-04		
		0.9159E+00	-0.1127E-04		
		0.1211E+01	-0.3554E-05		
		0.1505E+01	-0.1022E-05		
		0.1800E+01	-0.2625E-06		
		0.3820E+01	-0.4375E-12		
		0.5840E+01	-0.1783E-18		
		0.7860E+01	-0.1317E-24		
		0.8207E+01	0.2018E-25		
		0.8554E+01	-0.4664E-26		
		0.8902E+01	-0.1170E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.2711E+02	0.0000E+00
		0.1500E-02	0.4180E-03		
		0.3063E+00	0.1405E-03		
		0.6111E+00	0.4691E-04		
		0.9159E+00	0.1543E-04		
		0.1211E+01	0.5139E-05		
		0.1505E+01	0.1648E-05		
		0.1800E+01	0.5007E-06		
		0.3820E+01	0.1262E-10		
		0.5840E+01	0.3161E-17		
		0.7860E+01	0.4099E-22		

		0.8207E+01	0.3123E-23		
		0.8554E+01	0.3616E-23		
		0.8902E+01	0.4204E-23		
2000E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.2711E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3652E-03		
		0.6111E+00	-0.1260E-03		
		0.9159E+00	-0.4279E-04		
		0.1211E+01	-0.1466E-04		
		0.1505E+01	-0.4818E-05		
		0.1800E+01	-0.1495E-05		
		0.3820E+01	-0.4031E-10		
		0.5840E+01	-0.9669E-17		
		0.7860E+01	-0.9967E-24		
		0.8207E+01	-0.2355E-23		
		0.8554E+01	-0.1963E-23		
		0.8902E+01	-0.1567E-23		
0.2000E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.2711E+02	0.0000E+00
		0.1500E-02	0.8744E-03		
		0.3063E+00	0.3059E-03		
		0.6111E+00	0.1062E-03		
		0.9159E+00	0.3626E-04		
		0.1211E+01	0.1248E-04		
		0.1505E+01	0.4120E-05		
		0.1800E+01	0.1283E-05		
		0.3820E+01	0.3497E-10		
		0.5840E+01	0.8326E-17		
		0.7860E+01	-0.2243E-22		
		0.8207E+01	-0.3826E-23		
		0.8554E+01	-0.2006E-23		
		0.8902E+01	-0.1560E-23		
0.2000E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.2711E+02	0.0000E+00
		0.1500E-02	-0.2895E-03		
		0.3063E+00	-0.1023E-03		
		0.6111E+00	-0.3588E-04		
		0.9159E+00	-0.1236E-04		
		0.1211E+01	-0.4289E-05		
		0.1505E+01	-0.1424E-05		
		0.1800E+01	-0.4459E-06		
		0.3820E+01	-0.1234E-10		
		0.5840E+01	-0.2905E-17		
		0.7860E+01	0.1303E-22		
		0.8207E+01	-0.2218E-23		
		0.8554E+01	-0.1950E-23		
		0.8902E+01	-0.1556E-23		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2500E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.3119E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1408E-03		
		0.6111E+00	0.4728E-04		
		0.9159E+00	0.1578E-04		
		0.1211E+01	0.5411E-05		
		0.1505E+01	0.1825E-05		

		0.1800E+01	0.6003E-06		
		0.3820E+01	0.6699E-10		
		0.5840E+01	0.1239E-15		
		0.7860E+01	0.3522E-20		
		0.8207E+01	0.4313E-20		
		0.8554E+01	0.4545E-20		
		0.8902E+01	0.4630E-20		
0.2500E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.3119E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3662E-03		
		0.6111E+00	-0.1273E-03		
		0.9159E+00	-0.4399E-04		
		0.1211E+01	-0.1558E-04		
		0.1505E+01	-0.5422E-05		
		0.1800E+01	-0.1835E-05		
		0.3820E+01	-0.2279E-09		
		0.5840E+01	-0.4293E-15		
		0.7860E+01	0.2131E-20		
		0.8207E+01	0.8926E-22		
		0.8554E+01	0.4833E-22		
		0.8902E+01	0.4667E-22		
0.2500E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.3119E+02	0.0000E+00
		0.1500E-02	0.8748E-03		
		0.3063E+00	0.3067E-03		
		0.6111E+00	0.1073E-03		
		0.9159E+00	0.3731E-04		
		0.1211E+01	0.1329E-04		
		0.1505E+01	0.4650E-05		
		0.1800E+01	0.1581E-05		
		0.3820E+01	0.1997E-09		
		0.5840E+01	0.3775E-15		
		0.7860E+01	-0.1906E-20		
		0.8207E+01	-0.1002E-22		
		0.8554E+01	0.3298E-22		
		0.8902E+01	0.3262E-22		
0.2500E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.3119E+02	0.0000E+00
		0.1500E-02	-0.2896E-03		
		0.3063E+00	-0.1026E-03		
		0.6111E+00	-0.3627E-04		
		0.9159E+00	-0.1274E-04		
		0.1211E+01	-0.4578E-05		
		0.1505E+01	-0.1613E-05		
		0.1800E+01	-0.5522E-06		
		0.3820E+01	-0.7132E-10		
		0.5840E+01	-0.1352E-15		
		0.7860E+01	0.7674E-21		
		0.8207E+01	0.5362E-22		
		0.8554E+01	0.3450E-22		
		0.8902E+01	0.3273E-22		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.3493E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		

		0.6111E+00	0.4739E-04		
		0.9159E+00	0.1589E-04		
		0.1211E+01	0.5500E-05		
		0.1505E+01	0.1890E-05		
		0.1800E+01	0.6424E-06		
		0.3820E+01	0.1649E-09		
		0.5840E+01	0.2192E-14		
		0.7860E+01	-0.2004E-18		
		0.8207E+01	-0.2294E-18		
		0.8554E+01	-0.2473E-18		
		0.8902E+01	-0.2539E-18		
0.3000E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.3493E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3665E-03		
		0.6111E+00	-0.1277E-03		
		0.9159E+00	-0.4438E-04		
		0.1211E+01	-0.1592E-04		
		0.1505E+01	-0.5665E-05		
		0.1800E+01	-0.1991E-05		
		0.3820E+01	-0.5949E-09		
		0.5840E+01	-0.8296E-14		
		0.7860E+01	-0.3311E-20		
		0.8207E+01	0.3423E-20		
		0.8554E+01	0.3809E-20		
		0.8902E+01	0.3911E-20		
0.3000E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.3493E+02	0.0000E+00
		0.1500E-02	0.8749E-03		
		0.3063E+00	0.3070E-03		
		0.6111E+00	0.1076E-03		
		0.9159E+00	0.3766E-04		
		0.1211E+01	0.1359E-04		
		0.1505E+01	0.4866E-05		
		0.1800E+01	0.1720E-05		
		0.3820E+01	0.5267E-09		
		0.5840E+01	0.7406E-14		
		0.7860E+01	0.6208E-20		
		0.8207E+01	-0.3154E-22		
		0.8554E+01	-0.1432E-21		
		0.8902E+01	-0.1286E-21		
0.3000E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.3493E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1027E-03		
		0.6111E+00	-0.3640E-04		
		0.9159E+00	-0.1286E-04		
		0.1211E+01	-0.4684E-05		
		0.1505E+01	-0.1692E-05		
		0.1800E+01	-0.6024E-06		
		0.3820E+01	-0.1897E-09		
		0.5840E+01	-0.2684E-14		
		0.7860E+01	-0.2857E-20		
		0.8207E+01	-0.2662E-21		
		0.8554E+01	-0.1625E-21		
		0.8902E+01	-0.1433E-21		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
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0.3500E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.3841E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4742E-04		
		0.9159E+00	0.1592E-04		
		0.1211E+01	0.5529E-05		
		0.1505E+01	0.1913E-05		
		0.1800E+01	0.6584E-06		
		0.3820E+01	0.2694E-09		
		0.5840E+01	0.1327E-13		
		0.7860E+01	0.4827E-18		
		0.8207E+01	0.8302E-18		
		0.8554E+01	0.1050E-17		
		0.8902E+01	0.1127E-17		
0.3500E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.3841E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4451E-04		
		0.1211E+01	-0.1603E-04		
		0.1505E+01	-0.5757E-05		
		0.1800E+01	-0.2056E-05		
		0.3820E+01	-0.1021E-08		
		0.5840E+01	-0.5390E-13		
		0.7860E+01	-0.3781E-19		
		0.8207E+01	-0.4686E-19		
		0.8554E+01	-0.5365E-19		
		0.8902E+01	-0.5607E-19		
0.3500E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.3841E+02	0.0000E+00
		0.1500E-02	0.8749E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1077E-03		
		0.9159E+00	0.3778E-04		
		0.1211E+01	0.1369E-04		
		0.1505E+01	0.4949E-05		
		0.1800E+01	0.1778E-05		
		0.3820E+01	0.9133E-09		
		0.5840E+01	0.4893E-13		
		0.7860E+01	0.3867E-20		
		0.8207E+01	0.2800E-20		
		0.8554E+01	0.2561E-20		
		0.8902E+01	0.2468E-20		
0.3500E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.3841E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3644E-04		
		0.9159E+00	-0.1291E-04		
		0.1211E+01	-0.4723E-05		
		0.1505E+01	-0.1722E-05		
		0.1800E+01	-0.6238E-06		
		0.3820E+01	-0.3302E-09		
		0.5840E+01	-0.1777E-13		
		0.7860E+01	0.1264E-20		
		0.8207E+01	0.4268E-21		
		0.8554E+01	-0.2379E-22		
		0.8902E+01	-0.1759E-21		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.4167E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1593E-04		
		0.1211E+01	0.5538E-05		
		0.1505E+01	0.1921E-05		
		0.1800E+01	0.6642E-06		
		0.3820E+01	0.3512E-09		
		0.5840E+01	0.4315E-13		
		0.7860E+01	0.3069E-16		
		0.8207E+01	0.3167E-16		
		0.8554E+01	0.3230E-16		
		0.8902E+01	0.3257E-16		
0.4000E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.4167E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4455E-04		
		0.1211E+01	-0.1607E-04		
		0.1505E+01	-0.5790E-05		
		0.1800E+01	-0.2081E-05		
		0.3820E+01	-0.1377E-08		
		0.5840E+01	-0.1847E-12		
		0.7860E+01	-0.1503E-17		
		0.8207E+01	-0.1328E-17		
		0.8554E+01	-0.1358E-17		
		0.8902E+01	-0.1372E-17		
0.4000E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.4167E+02	0.0000E+00
		0.1500E-02	0.8749E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3782E-04		
		0.1211E+01	0.1373E-04		
		0.1505E+01	0.4980E-05		
		0.1800E+01	0.1802E-05		
		0.3820E+01	0.1247E-08		
		0.5840E+01	0.1717E-12		
		0.7860E+01	0.2495E-18		
		0.8207E+01	0.2578E-19		
		0.8554E+01	0.1888E-19		
		0.8902E+01	0.1824E-19		
0.4000E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.4167E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3645E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4736E-05		
		0.1505E+01	-0.1733E-05		
		0.1800E+01	-0.6322E-06		
		0.3820E+01	-0.4494E-09		
		0.5840E+01	-0.6148E-13		

		0.7860E+01	-0.7471E-19		
		0.8207E+01	0.4869E-20		
		0.8554E+01	0.5110E-20		
		0.8902E+01	0.4777E-20		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.4475E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1593E-04		
		0.1211E+01	0.5541E-05		
		0.1505E+01	0.1924E-05		
		0.1800E+01	0.6664E-06		
		0.3820E+01	0.4061E-09		
		0.5840E+01	0.9583E-13		
		0.7860E+01	-0.1306E-15		
		0.8207E+01	-0.1520E-15		
		0.8554E+01	-0.1652E-15		
		0.8902E+01	-0.1700E-15		
0.4500E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.4475E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4456E-04		
		0.1211E+01	-0.1608E-04		
		0.1505E+01	-0.5802E-05		
		0.1800E+01	-0.2090E-05		
		0.3820E+01	-0.1617E-08		
		0.5840E+01	-0.4132E-12		
		0.7860E+01	0.7131E-17		
		0.8207E+01	0.9635E-17		
		0.8554E+01	0.1043E-16		
		0.8902E+01	0.1071E-16		
0.4500E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.4475E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3783E-04		
		0.1211E+01	0.1374E-04		
		0.1505E+01	0.4992E-05		
		0.1800E+01	0.1811E-05		
		0.3820E+01	0.1484E-08		
		0.5840E+01	0.3997E-12		
		0.7860E+01	0.9337E-18		
		0.8207E+01	-0.4821E-18		
		0.8554E+01	-0.5895E-18		
		0.8902E+01	-0.6155E-18		
4500E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.4475E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4740E-05		

		0.1505E+01	-0.1737E-05		
		0.1800E+01	-0.6354E-06		
		0.3820E+01	-0.5283E-09		
		0.5840E+01	-0.1366E-12		
		0.7860E+01	-0.2975E-18		
		0.8207E+01	0.8907E-19		
		0.8554E+01	0.5746E-19		
		0.8902E+01	0.4640E-19		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.4768E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1593E-04		
		0.1211E+01	0.5542E-05		
		0.1505E+01	0.1925E-05		
		0.1800E+01	0.6673E-06		
		0.3820E+01	0.4432E-09		
		0.5840E+01	0.1735E-12		
		0.7860E+01	-0.5646E-15		
		0.8207E+01	-0.5594E-15		
		0.8554E+01	-0.5554E-15		
		0.8902E+01	-0.5550E-15		
0.5000E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.4768E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5806E-05		
		0.1800E+01	-0.2094E-05		
		0.3820E+01	-0.1751E-08		
		0.5840E+01	-0.6878E-12		
		0.7860E+01	0.4618E-16		
		0.8207E+01	0.5054E-16		
		0.8554E+01	0.5038E-16		
		0.8902E+01	0.5041E-16		
0.5000E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.4768E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3783E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.4996E-05		
		0.1800E+01	0.1815E-05		
		0.3820E+01	0.1636E-08		
		0.5840E+01	0.7138E-12		
		0.7860E+01	0.4894E-17		
		0.8207E+01	-0.8847E-18		
		0.8554E+01	-0.1377E-17		
		0.8902E+01	-0.1486E-17		
0.5000E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.4768E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		

		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1293E-04		
		0.1211E+01	-0.4742E-05		
		0.1505E+01	-0.1738E-05		
		0.1800E+01	-0.6364E-06		
		0.3820E+01	-0.5684E-09		
		0.5840E+01	-0.2177E-12		
		0.7860E+01	-0.1166E-18		
		0.8207E+01	0.7927E-18		
		0.8554E+01	0.3892E-18		
		0.8902E+01	0.2651E-18		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.5048E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1593E-04		
		0.1211E+01	0.5543E-05		
		0.1505E+01	0.1925E-05		
		0.1800E+01	0.6678E-06		
		0.3820E+01	0.4730E-09		
		0.5840E+01	0.2913E-12		
		0.7860E+01	0.1428E-14		
		0.8207E+01	0.1658E-14		
		0.8554E+01	0.1803E-14		
		0.8902E+01	0.1856E-14		
0.5500E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.5048E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3667E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5807E-05		
		0.1800E+01	-0.2095E-05		
		0.3820E+01	-0.1811E-08		
		0.5840E+01	-0.9166E-12		
		0.7860E+01	-0.1531E-15		
		0.8207E+01	-0.1718E-15		
		0.8554E+01	-0.1904E-15		
		0.8902E+01	-0.1970E-15		
0.5500E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.5048E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.4998E-05		
		0.1800E+01	0.1817E-05		
		0.3820E+01	0.1730E-08		
		0.5840E+01	0.1082E-11		
		0.7860E+01	0.4338E-16		
		0.8207E+01	0.2656E-16		
		0.8554E+01	0.2481E-16		

		0.8902E+01	0.2450E-16		
0.5500E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.5048E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1293E-04		
		0.1211E+01	-0.4742E-05		
		0.1505E+01	-0.1738E-05		
		0.1800E+01	-0.6366E-06		
		0.3820E+01	-0.5789E-09		
		0.5840E+01	-0.2548E-12		
		0.7860E+01	0.5855E-17		
		0.8207E+01	0.4765E-17		
		0.8554E+01	0.2015E-17		
		0.8902E+01	0.1193E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.5317E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5543E-05		
		0.1505E+01	0.1926E-05		
		0.1800E+01	0.6681E-06		
		0.3820E+01	0.5025E-09		
		0.5840E+01	0.4884E-12		
		0.7860E+01	0.5873E-14		
		0.8207E+01	0.5981E-14		
		0.8554E+01	0.6053E-14		
		0.8902E+01	0.6089E-14		
0.6000E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.5317E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3667E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5807E-05		
		0.1800E+01	-0.2095E-05		
		0.3820E+01	-0.1825E-08		
		0.5840E+01	-0.1004E-11		
		0.7860E+01	-0.7629E-15		
		0.8207E+01	-0.7900E-15		
		0.8554E+01	-0.8184E-15		
		0.8902E+01	-0.8292E-15		
0.6000E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.5317E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.4999E-05		
		0.1800E+01	0.1817E-05		
		0.3820E+01	0.1794E-08		

		0.5840E+01	0.1500E-11		
		0.7860E+01	0.1587E-15		
		0.8207E+01	0.1068E-15		
		0.8554E+01	0.9396E-16		
		0.8902E+01	0.9055E-16		
0.6000E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.5317E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1293E-04		
		0.1211E+01	-0.4742E-05		
		0.1505E+01	-0.1738E-05		
		0.1800E+01	-0.6364E-06		
		0.3820E+01	-0.5689E-09		
		0.5840E+01	-0.1835E-12		
		0.7860E+01	0.4771E-16		
		0.8207E+01	0.3081E-16		
		0.8554E+01	0.1817E-16		
		0.8902E+01	0.1443E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.5577E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5544E-05		
		0.1505E+01	0.1926E-05		
		0.1800E+01	0.6684E-06		
		0.3820E+01	0.5355E-09		
		0.5840E+01	0.8303E-12		
		0.7860E+01	0.7035E-15		
		0.8207E+01	-0.4342E-15		
		0.8554E+01	-0.1124E-14		
		0.8902E+01	-0.1358E-14		
0.6500E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.5577E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3667E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5807E-05		
		0.1800E+01	-0.2095E-05		
		0.3820E+01	-0.1813E-08		
		0.5840E+01	-0.8651E-12		
		0.7860E+01	0.2049E-15		
		0.8207E+01	0.3143E-15		
		0.8554E+01	0.3697E-15		
		0.8902E+01	0.3909E-15		
6500E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.5577E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		

		0.1211E+01	0.1375E-04		
		0.1505E+01	0.4999E-05		
		0.1800E+01	0.1818E-05		
		0.3820E+01	0.1844E-08		
		0.5840E+01	0.2013E-11		
		0.7860E+01	0.1905E-15		
		0.8207E+01	0.2785E-16		
		0.8554E+01	-0.3539E-16		
		0.8902E+01	-0.5473E-16		
0.6500E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.5577E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1293E-04		
		0.1211E+01	-0.4742E-05		
		0.1505E+01	-0.1738E-05		
		0.1800E+01	-0.6362E-06		
		0.3820E+01	-0.5447E-09		
		0.5840E+01	0.6949E-13		
		0.7860E+01	0.2361E-15		
		0.8207E+01	0.1584E-15		
		0.8554E+01	0.1128E-15		
		0.8902E+01	0.9930E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
7000E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.5827E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5544E-05		
		0.1505E+01	0.1926E-05		
		0.1800E+01	0.6687E-06		
		0.3820E+01	0.5738E-09		
		0.5840E+01	0.1404E-11		
		0.7860E+01	-0.2274E-13		
		0.8207E+01	-0.2512E-13		
		0.8554E+01	-0.2655E-13		
		0.8902E+01	-0.2708E-13		
0.7000E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.5827E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3667E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5807E-05		
		0.1800E+01	-0.2095E-05		
		0.3820E+01	-0.1783E-08		
		0.5840E+01	-0.4222E-12		
		0.7860E+01	0.5460E-14		
		0.8207E+01	0.5638E-14		
		0.8554E+01	0.5747E-14		
		0.8902E+01	0.5800E-14		
0.7000E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.5827E+02	0.0000E+00

		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.5000E-05		
		0.1800E+01	0.1818E-05		
		0.3820E+01	0.1890E-08		
		0.5840E+01	0.2704E-11		
		0.7860E+01	-0.1322E-16		
		0.8207E+01	-0.4120E-15		
		0.8554E+01	-0.5907E-15		
		0.8902E+01	-0.6469E-15		
0.7000E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.5827E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1293E-04		
		0.1211E+01	-0.4741E-05		
		0.1505E+01	-0.1738E-05		
		0.1800E+01	-0.6360E-06		
		0.3820E+01	-0.5104E-09		
		0.5840E+01	0.5865E-12		
		0.7860E+01	0.7980E-15		
		0.8207E+01	0.5386E-15		
		0.8554E+01	0.3974E-15		
		0.8902E+01	0.3551E-15		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.6070E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5544E-05		
		0.1505E+01	0.1927E-05		
		0.1800E+01	0.6690E-06		
		0.3820E+01	0.6177E-09		
		0.5840E+01	0.2314E-11		
		0.7860E+01	-0.4150E-13		
		0.8207E+01	-0.4235E-13		
		0.8554E+01	-0.4280E-13		
		0.8902E+01	-0.4302E-13		
0.7500E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.6070E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3667E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5807E-05		
		0.1800E+01	-0.2094E-05		
		0.3820E+01	-0.1743E-08		
		0.5840E+01	0.4072E-12		
		0.7860E+01	0.1109E-13		
		0.8207E+01	0.1044E-13		

		0.8554E+01	0.1007E-13		
		0.8902E+01	0.9979E-14		
.7500E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.6070E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.5000E-05		
		0.1800E+01	0.1819E-05		
		0.3820E+01	0.1938E-08		
		0.5840E+01	0.3686E-11		
		0.7860E+01	0.8470E-15		
		0.8207E+01	0.8147E-16		
		0.8554E+01	-0.2713E-15		
		0.8902E+01	-0.3791E-15		
0.7500E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.6070E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1293E-04		
		0.1211E+01	-0.4741E-05		
		0.1505E+01	-0.1737E-05		
		0.1800E+01	-0.6357E-06		
		0.3820E+01	-0.4681E-09		
		0.5840E+01	0.1460E-11		
		0.7860E+01	0.1999E-14		
		0.8207E+01	0.1285E-14		
		0.8554E+01	0.9031E-15		
		0.8902E+01	0.7867E-15		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.6306E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5545E-05		
		0.1505E+01	0.1927E-05		
		0.1800E+01	0.6693E-06		
		0.3820E+01	0.6672E-09		
		0.5840E+01	0.3669E-11		
		0.7860E+01	-0.7480E-14		
		0.8207E+01	-0.3173E-14		
		0.8554E+01	-0.3568E-15		
		0.8902E+01	0.6218E-15		
0.8000E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.6306E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5806E-05		
		0.1800E+01	-0.2094E-05		

		0.3820E+01	-0.1695E-08		
		0.5840E+01	0.1716E-11		
		0.7860E+01	0.5307E-14		
		0.8207E+01	0.2321E-14		
		0.8554E+01	0.5834E-15		
		0.8902E+01	0.1937E-16		
0.8000E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.6306E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.5000E-05		
		0.1800E+01	0.1819E-05		
		0.3820E+01	0.1989E-08		
		0.5840E+01	0.5082E-11		
		0.7860E+01	0.6222E-14		
		0.8207E+01	0.4822E-14		
		0.8554E+01	0.4166E-14		
		0.8902E+01	0.3977E-14		
0.8000E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.6306E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4741E-05		
		0.1505E+01	-0.1737E-05		
		0.1800E+01	-0.6354E-06		
		0.3820E+01	-0.4193E-09		
		0.5840E+01	0.2794E-11		
		0.7860E+01	0.4240E-14		
		0.8207E+01	0.2574E-14		
		0.8554E+01	0.1681E-14		
		0.8902E+01	0.1405E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.6535E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5545E-05		
		0.1505E+01	0.1927E-05		
		0.1800E+01	0.6695E-06		
		0.3820E+01	0.7220E-09		
		0.5840E+01	0.5579E-11		
		0.7860E+01	0.1138E-12		
		0.8207E+01	0.1248E-12		
		0.8554E+01	0.1320E-12		
		0.8902E+01	0.1347E-12		
0.8500E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.6535E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		

		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5806E-05		
		0.1800E+01	-0.2094E-05		
		0.3820E+01	-0.1641E-08		
		0.5840E+01	0.3606E-11		
		0.7860E+01	-0.1738E-13		
		0.8207E+01	-0.2344E-13		
		0.8554E+01	-0.2695E-13		
		0.8902E+01	-0.2815E-13		
0.8500E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.6535E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.5001E-05		
		0.1800E+01	0.1819E-05		
		0.3820E+01	0.2045E-08		
		0.5840E+01	0.7018E-11		
		0.7860E+01	0.1860E-13		
		0.8207E+01	0.1570E-13		
		0.8554E+01	0.1426E-13		
		0.8902E+01	0.1385E-13		
0.8500E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.6535E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4741E-05		
		0.1505E+01	-0.1737E-05		
		0.1800E+01	-0.6352E-06		
		0.3820E+01	-0.3648E-09		
		0.5840E+01	0.4696E-11		
		0.7860E+01	0.8912E-14		
		0.8207E+01	0.5531E-14		
		0.8554E+01	0.3713E-14		
		0.8902E+01	0.3149E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.6758E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5545E-05		
		0.1505E+01	0.1927E-05		
		0.1800E+01	0.6697E-06		
		0.3820E+01	0.7816E-09		
		0.5840E+01	0.8155E-11		
		0.7860E+01	0.3468E-12		
		0.8207E+01	0.3690E-12		
		0.8554E+01	0.3836E-12		
		0.8902E+01	0.3894E-12		

0.9000E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.6758E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5806E-05		
		0.1800E+01	-0.2094E-05		
		0.3820E+01	-0.1582E-08		
		0.5840E+01	0.6184E-11		
		0.7860E+01	-0.3890E-13		
		0.8207E+01	-0.4698E-13		
		0.8554E+01	-0.5153E-13		
		0.8902E+01	-0.5309E-13		
0.9000E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.6758E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.5001E-05		
		0.1800E+01	0.1819E-05		
		0.3820E+01	0.2104E-08		
		0.5840E+01	0.9617E-11		
		0.7860E+01	0.3475E-13		
		0.8207E+01	0.2842E-13		
		0.8554E+01	0.2508E-13		
		0.8902E+01	0.2408E-13		
0.9000E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.6758E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4740E-05		
		0.1505E+01	-0.1737E-05		
		0.1800E+01	-0.6349E-06		
		0.3820E+01	-0.3053E-09		
		0.5840E+01	0.7278E-11		
		0.7860E+01	0.1958E-13		
		0.8207E+01	0.1340E-13		
		0.8554E+01	0.1006E-13		
		0.8902E+01	0.9031E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.1457E+03	0.0000E+00	0.6986E-03	0.6976E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5545E-05		
		0.1505E+01	0.1928E-05		
		0.1800E+01	0.6700E-06		
		0.3820E+01	0.8456E-09		
		0.5840E+01	0.1151E-10		
		0.7860E+01	0.8583E-12		

		0.8207E+01	0.9266E-12		
		0.8554E+01	0.9709E-12		
		0.8902E+01	0.9881E-12		
9500E+02	0.1559E+03	0.0000E+00	-0.1735E-02	0.6976E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5806E-05		
		0.1800E+01	-0.2093E-05		
		0.3820E+01	-0.1518E-08		
		0.5840E+01	0.9558E-11		
		0.7860E+01	-0.1863E-13		
		0.8207E+01	-0.2670E-13		
		0.8554E+01	-0.3093E-13		
		0.8902E+01	-0.3230E-13		
0.9500E+02	0.1661E+03	0.0000E+00	0.1440E-02	0.6976E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.5001E-05		
		0.1800E+01	0.1820E-05		
		0.3820E+01	0.2169E-08		
		0.5840E+01	0.1300E-10		
		0.7860E+01	0.4629E-13		
		0.8207E+01	0.3368E-13		
		0.8554E+01	0.2679E-13		
		0.8902E+01	0.2464E-13		
0.9500E+02	0.1762E+03	0.0000E+00	-0.4750E-03	0.6976E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4740E-05		
		0.1505E+01	-0.1736E-05		
		0.1800E+01	-0.6347E-06		
		0.3820E+01	-0.2413E-09		
		0.5840E+01	0.1065E-10		
		0.7860E+01	0.4177E-13		
		0.8207E+01	0.3114E-13		
		0.8554E+01	0.2538E-13		
		0.8902E+01	0.2361E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+03	0.1457E+03	0.0000E+00	0.6986E-03	0.7189E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5545E-05		
		0.1505E+01	0.1928E-05		

		0.1800E+01	0.6702E-06		
		0.3820E+01	0.9136E-09		
		0.5840E+01	0.1576E-10		
		0.7860E+01	0.2404E-11		
		0.8207E+01	0.2661E-11		
		0.8554E+01	0.2825E-11		
		0.8902E+01	0.2887E-11		
0.1000E+03	0.1559E+03	0.0000E+00	-0.1735E-02	0.7189E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5805E-05		
		0.1800E+01	-0.2093E-05		
		0.3820E+01	-0.1450E-08		
		0.5840E+01	0.1382E-10		
		0.7860E+01	0.8454E-13		
		0.8207E+01	0.7705E-13		
		0.8554E+01	0.7365E-13		
		0.8902E+01	0.7284E-13		
0.1000E+03	0.1661E+03	0.0000E+00	0.1440E-02	0.7189E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.5001E-05		
		0.1800E+01	0.1820E-05		
		0.3820E+01	0.2237E-08		
		0.5840E+01	0.1727E-10		
		0.7860E+01	0.4891E-13		
		0.8207E+01	0.2712E-13		
		0.8554E+01	0.1502E-13		
		0.8902E+01	0.1115E-13		
0.1000E+03	0.1762E+03	0.0000E+00	-0.4750E-03	0.7189E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4740E-05		
		0.1505E+01	-0.1736E-05		
		0.1800E+01	-0.6345E-06		
		0.3820E+01	-0.1733E-09		
		0.5840E+01	0.1491E-10		
		0.7860E+01	0.8029E-13		
		0.8207E+01	0.6261E-13		
		0.8554E+01	0.5297E-13		
		0.8902E+01	0.5000E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.1457E+03	0.0000E+00	0.6986E-03	0.7397E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		

		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5546E-05		
		0.1505E+01	0.1928E-05		
		0.1800E+01	0.6704E-06		
		0.3820E+01	0.9851E-09		
		0.5840E+01	0.2101E-10		
		0.7860E+01	0.7358E-11		
		0.8207E+01	0.8236E-11		
		0.8554E+01	0.8793E-11		
		0.8902E+01	0.9001E-11		
0.1050E+03	0.1559E+03	0.0000E+00	-0.1735E-02	0.7397E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5805E-05		
		0.1800E+01	-0.2093E-05		
		0.3820E+01	-0.1379E-08		
		0.5840E+01	0.1906E-10		
		0.7860E+01	0.2916E-12		
		0.8207E+01	0.2827E-12		
		0.8554E+01	0.2792E-12		
		0.8902E+01	0.2788E-12		
0.1050E+03	0.1661E+03	0.0000E+00	0.1440E-02	0.7397E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1375E-04		
		0.1505E+01	0.5002E-05		
		0.1800E+01	0.1820E-05		
		0.3820E+01	0.2308E-08		
		0.5840E+01	0.2252E-10		
		0.7860E+01	0.5420E-13		
		0.8207E+01	0.2119E-13		
		0.8554E+01	0.2767E-14		
		0.8902E+01	-0.3175E-14		
0.1050E+03	0.1762E+03	0.0000E+00	-0.4750E-03	0.7397E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4740E-05		
		0.1505E+01	-0.1736E-05		
		0.1800E+01	-0.6343E-06		
		0.3820E+01	-0.1018E-09		
		0.5840E+01	0.2016E-10		
		0.7860E+01	0.1361E-12		
		0.8207E+01	0.1075E-12		
		0.8554E+01	0.9170E-13		
		0.8902E+01	0.8683E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
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0.1100E+03	0.1457E+03	0.0000E+00	0.6986E-03	0.7601E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5546E-05		
		0.1505E+01	0.1928E-05		
		0.1800E+01	0.6706E-06		
		0.3820E+01	0.1060E-08		
		0.5840E+01	0.2739E-10		
		0.7860E+01	0.2188E-10		
		0.8207E+01	0.2451E-10		
		0.8554E+01	0.2617E-10		
		0.8902E+01	0.2679E-10		
0.1100E+03	0.1559E+03	0.0000E+00	-0.1735E-02	0.7601E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5805E-05		
		0.1800E+01	-0.2093E-05		
		0.3820E+01	-0.1304E-08		
		0.5840E+01	0.2536E-10		
		0.7860E+01	0.6199E-12		
		0.8207E+01	0.6094E-12		
		0.8554E+01	0.6060E-12		
		0.8902E+01	0.6065E-12		
0.1100E+03	0.1661E+03	0.0000E+00	0.1440E-02	0.7601E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1376E-04		
		0.1505E+01	0.5002E-05		
		0.1800E+01	0.1820E-05		
		0.3820E+01	0.2383E-08		
		0.5840E+01	0.2885E-10		
		0.7860E+01	0.9401E-13		
		0.8207E+01	0.4861E-13		
		0.8554E+01	0.2332E-13		
		0.8902E+01	0.1522E-13		
0.1100E+03	0.1762E+03	0.0000E+00	-0.4750E-03	0.7601E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4739E-05		
		0.1505E+01	-0.1736E-05		
		0.1800E+01	-0.6341E-06		
		0.3820E+01	-0.2720E-10		
		0.5840E+01	0.2648E-10		
		0.7860E+01	0.2062E-12		
		0.8207E+01	0.1615E-12		
		0.8554E+01	0.1366E-12		
		0.8902E+01	0.1288E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1150E+03	0.1457E+03	0.0000E+00	0.6986E-03	0.7801E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5546E-05		
		0.1505E+01	0.1928E-05		
		0.1800E+01	0.6708E-06		
		0.3820E+01	0.1137E-08		
		0.5840E+01	0.3495E-10		
		0.7860E+01	0.6024E-10		
		0.8207E+01	0.6727E-10		
		0.8554E+01	0.7170E-10		
		0.8902E+01	0.7335E-10		
0.1150E+03	0.1559E+03	0.0000E+00	-0.1735E-02	0.7801E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5805E-05		
		0.1800E+01	-0.2093E-05		
		0.3820E+01	-0.1227E-08		
		0.5840E+01	0.3280E-10		
		0.7860E+01	0.1173E-11		
		0.8207E+01	0.1179E-11		
		0.8554E+01	0.1187E-11		
		0.8902E+01	0.1193E-11		
0.1150E+03	0.1661E+03	0.0000E+00	0.1440E-02	0.7801E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1376E-04		
		0.1505E+01	0.5002E-05		
		0.1800E+01	0.1820E-05		
		0.3820E+01	0.2460E-08		
		0.5840E+01	0.3632E-10		
		0.7860E+01	0.2119E-12		
		0.8207E+01	0.1527E-12		
		0.8554E+01	0.1198E-12		
		0.8902E+01	0.1095E-12		
0.1150E+03	0.1762E+03	0.0000E+00	-0.4750E-03	0.7801E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3646E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4739E-05		
		0.1505E+01	-0.1736E-05		
		0.1800E+01	-0.6339E-06		
		0.3820E+01	0.5008E-10		
		0.5840E+01	0.3395E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.7860E+01	0.2887E-12		
		0.8207E+01	0.2219E-12		
		0.8554E+01	0.1844E-12		
		0.8902E+01	0.1726E-12		
0.1200E+03	0.1457E+03	0.0000E+00	0.6986E-03	0.7997E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5546E-05		
		0.1505E+01	0.1929E-05		
		0.1800E+01	0.6710E-06		
		0.3820E+01	0.1217E-08		
		0.5840E+01	0.4377E-10		
		0.7860E+01	0.1528E-09		
		0.8207E+01	0.1699E-09		
		0.8554E+01	0.1807E-09		
		0.8902E+01	0.1848E-09		
0.1200E+03	0.1559E+03	0.0000E+00	-0.1735E-02	0.7997E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5805E-05		
		0.1800E+01	-0.2092E-05		
		0.3820E+01	-0.1147E-08		
		0.5840E+01	0.4144E-10		
		0.7860E+01	0.2356E-11		
		0.8207E+01	0.2450E-11		
		0.8554E+01	0.2516E-11		
		0.8902E+01	0.2545E-11		
0.1200E+03	0.1661E+03	0.0000E+00	0.1440E-02	0.7997E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1376E-04		
		0.1505E+01	0.5002E-05		
		0.1800E+01	0.1821E-05		
		0.3820E+01	0.2540E-08		
		0.5840E+01	0.4498E-10		
		0.7860E+01	0.4466E-12		
		0.8207E+01	0.3701E-12		
		0.8554E+01	0.3279E-12		
		0.8902E+01	0.3150E-12		
1200E+03	0.1762E+03	0.0000E+00	-0.4750E-03	0.7997E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3645E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4739E-05		

		0.1505E+01	-0.1735E-05		
		0.1800E+01	-0.6337E-06		
		0.3820E+01	0.1297E-09		
		0.5840E+01	0.4261E-10		
		0.7860E+01	0.3905E-12		
		0.8207E+01	0.2957E-12		
		0.8554E+01	0.2422E-12		
		0.8902E+01	0.2253E-12		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.1457E+03	0.0000E+00	0.6986E-03	0.8190E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5546E-05		
		0.1505E+01	0.1929E-05		
		0.1800E+01	0.6711E-06		
		0.3820E+01	0.1298E-08		
		0.5840E+01	0.5394E-10		
		0.7860E+01	0.3597E-09		
		0.8207E+01	0.3985E-09		
		0.8554E+01	0.4230E-09		
		0.8902E+01	0.4322E-09		
0.1250E+03	0.1559E+03	0.0000E+00	-0.1735E-02	0.8190E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5805E-05		
		0.1800E+01	-0.2092E-05		
		0.3820E+01	-0.1065E-08		
		0.5840E+01	0.5136E-10		
		0.7860E+01	0.5291E-11		
		0.8207E+01	0.5679E-11		
		0.8554E+01	0.5932E-11		
		0.8902E+01	0.6031E-11		
0.1250E+03	0.1661E+03	0.0000E+00	0.1440E-02	0.8190E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1376E-04		
		0.1505E+01	0.5002E-05		
		0.1800E+01	0.1821E-05		
		0.3820E+01	0.2621E-08		
		0.5840E+01	0.5487E-10		
		0.7860E+01	0.8195E-12		
		0.8207E+01	0.7196E-12		
		0.8554E+01	0.6646E-12		
		0.8902E+01	0.6482E-12		
0.1250E+03	0.1762E+03	0.0000E+00	-0.4750E-03	0.8190E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		

		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3645E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4739E-05		
		0.1505E+01	-0.1735E-05		
		0.1800E+01	-0.6335E-06		
		0.3820E+01	0.2113E-09		
		0.5840E+01	0.5253E-10		
		0.7860E+01	0.5338E-12		
		0.8207E+01	0.4057E-12		
		0.8554E+01	0.3331E-12		
		0.8902E+01	0.3101E-12		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.1457E+03	0.0000E+00	0.6986E-03	0.8379E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5546E-05		
		0.1505E+01	0.1929E-05		
		0.1800E+01	0.6713E-06		
		0.3820E+01	0.1381E-08		
		0.5840E+01	0.6567E-10		
		0.7860E+01	0.7931E-09		
		0.8207E+01	0.8755E-09		
		0.8554E+01	0.9275E-09		
		0.8902E+01	0.9470E-09		
0.1300E+03	0.1559E+03	0.0000E+00	-0.1735E-02	0.8379E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5804E-05		
		0.1800E+01	-0.2092E-05		
		0.3820E+01	-0.9822E-09		
		0.5840E+01	0.6260E-10		
		0.7860E+01	0.1261E-10		
		0.8207E+01	0.1378E-10		
		0.8554E+01	0.1452E-10		
		0.8902E+01	0.1481E-10		
0.1300E+03	0.1661E+03	0.0000E+00	0.1440E-02	0.8379E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1376E-04		
		0.1505E+01	0.5002E-05		
		0.1800E+01	0.1821E-05		
		0.3820E+01	0.2705E-08		
		0.5840E+01	0.6603E-10		
		0.7860E+01	0.1342E-11		
		0.8207E+01	0.1212E-11		
		0.8554E+01	0.1140E-11		

		0.8902E+01	0.1119E-11		
0.1300E+03	0.1762E+03	0.0000E+00	-0.4750E-03	0.8379E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3645E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4739E-05		
		0.1505E+01	-0.1735E-05		
		0.1800E+01	-0.6334E-06		
		0.3820E+01	0.2946E-09		
		0.5840E+01	0.6373E-10		
		0.7860E+01	0.7559E-12		
		0.8207E+01	0.5896E-12		
		0.8554E+01	0.4952E-12		
		0.8902E+01	0.4655E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.1457E+03	0.0000E+00	0.6986E-03	0.8528E+02	0.0000E+00
		0.1500E-02	0.4181E-03		
		0.3063E+00	0.1409E-03		
		0.6111E+00	0.4743E-04		
		0.9159E+00	0.1594E-04		
		0.1211E+01	0.5547E-05		
		0.1505E+01	0.1929E-05		
		0.1800E+01	0.6714E-06		
		0.3820E+01	0.1449E-08		
		0.5840E+01	0.7649E-10		
		0.7860E+01	0.1432E-08		
		0.8207E+01	0.1576E-08		
		0.8554E+01	0.1667E-08		
		0.8902E+01	0.1702E-08		
0.1340E+03	0.1559E+03	0.0000E+00	-0.1735E-02	0.8528E+02	0.0000E+00
		0.1500E-02	-0.1051E-02		
		0.3063E+00	-0.3666E-03		
		0.6111E+00	-0.1278E-03		
		0.9159E+00	-0.4457E-04		
		0.1211E+01	-0.1609E-04		
		0.1505E+01	-0.5804E-05		
		0.1800E+01	-0.2092E-05		
		0.3820E+01	-0.9145E-09		
		0.5840E+01	0.7257E-10		
		0.7860E+01	0.2521E-10		
		0.8207E+01	0.2771E-10		
		0.8554E+01	0.2929E-10		
		0.8902E+01	0.2989E-10		
0.1340E+03	0.1661E+03	0.0000E+00	0.1440E-02	0.8528E+02	0.0000E+00
		0.1500E-02	0.8750E-03		
		0.3063E+00	0.3071E-03		
		0.6111E+00	0.1078E-03		
		0.9159E+00	0.3784E-04		
		0.1211E+01	0.1376E-04		
		0.1505E+01	0.5003E-05		
		0.1800E+01	0.1821E-05		
		0.3820E+01	0.2772E-08		

		0.5840E+01	0.7590E-10		
		0.7860E+01	0.1892E-11		
		0.8207E+01	0.1736E-11		
		0.8554E+01	0.1651E-11		
		0.8902E+01	0.1627E-11		
0.1340E+03	0.1762E+03	0.0000E+00	-0.4750E-03	0.8528E+02	0.0000E+00
		0.1500E-02	-0.2897E-03		
		0.3063E+00	-0.1028E-03		
		0.6111E+00	-0.3645E-04		
		0.9159E+00	-0.1292E-04		
		0.1211E+01	-0.4739E-05		
		0.1505E+01	-0.1735E-05		
		0.1800E+01	-0.6332E-06		
		0.3820E+01	0.3622E-09		
		0.5840E+01	0.7362E-10		
		0.7860E+01	0.1021E-11		
		0.8207E+01	0.8202E-12		
		0.8554E+01	0.7063E-12		
		0.8902E+01	0.6707E-12		

N O T I C E

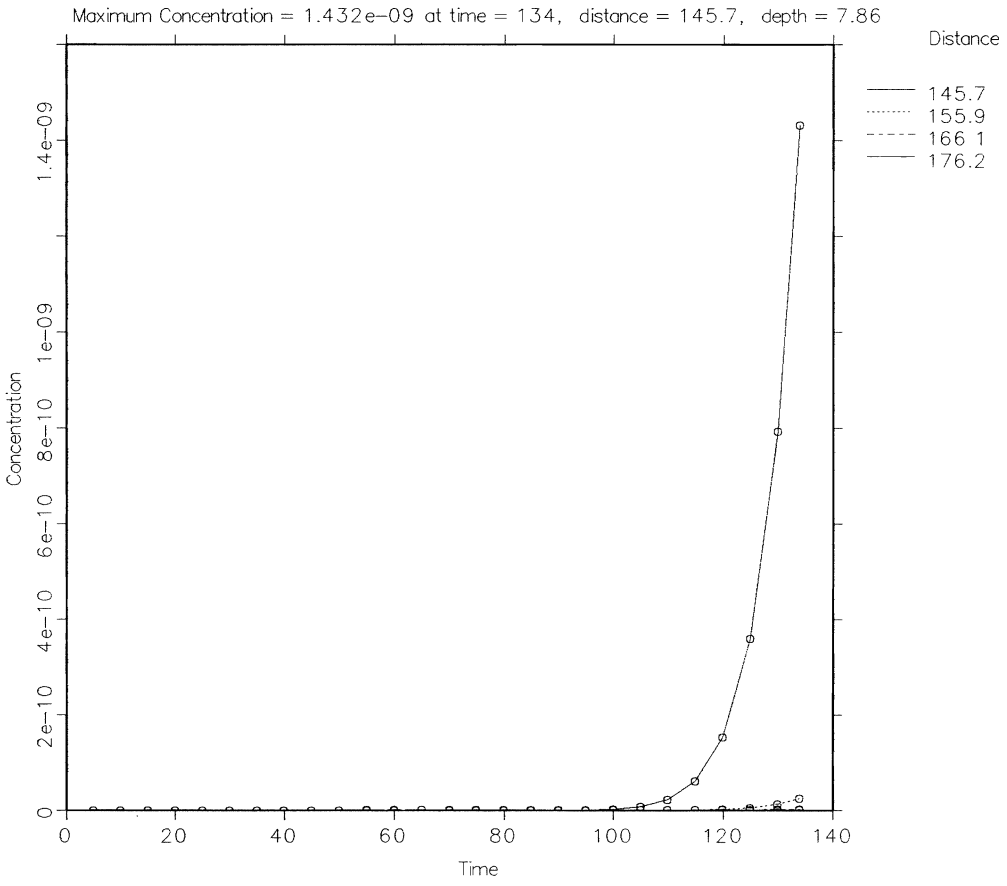
ALTHOUGH THIS PROGRAM HAS BEEN TESTED AND EXPERIENCE WOULD INDICATE THAT IT IS ACCURATE WITHIN THE LIMITS GIVEN BY THE ASSUMPTIONS OF THE THEORY USED , WE MAKE NO WARRANTY AS TO WORKABILITY OF THIS SOFTWARE OR ANY OTHER LICENSED MATERIAL. NO WARRANTIES EITHER EXPRESSED OR IMPLIED (INCLUDING WARRANTIES OF FITNESS) SHALL APPLY NO RESPONSIBILITY IS ASSUMED FOR ANY ERRORS, MISTAKES OR MISREPRESENTATIONS THAT MAY OCCUR FROM THE USE OF THIS COMPUTER PROGRAM. THE USER ACCEPTS FULL RESPONSIBILITY FOR ASSESSING THE VALIDITY AND APPLICABILITY OF THE RESULTS OBTAINED WITH THIS PROGRAM FOR ANY SPECIFIC CASE.

```
**************************************************
*                                                *
*                                                *
*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*              ANALYSIS      COMPLETED           *
*                                                *
*            TIME     -        9:14: 2           *
*            EXECUTION TIME    5:56:19           *
*                                                *
*                                                *
**************************************************
```

CONCENTRATION VS. TIME PLOT

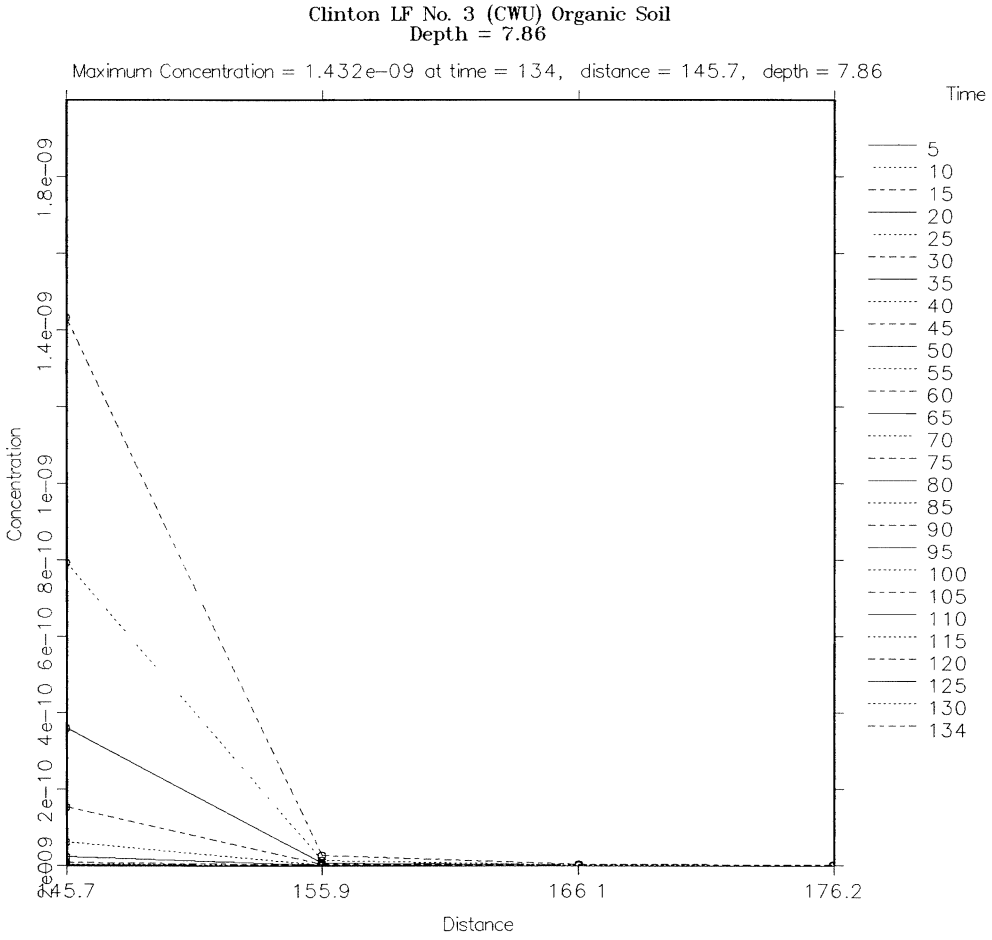
Shaw®

Clinton LF No. 3 (CWU) Organic Soil
Depth = 7.86



CONCENTRATION VS. DISTANCE PLOT

Shaw®


Clinton LF No. 3 (CWU) Organic Soil
Depth = 7.86
Maximum Concentration = 1.432e-09 at time = 134, distance = 145.7, depth = 7.86
Time
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120
125
130
134
Concentration
0e+00
2e-10
4e-10
6e-10
8e-10
1e-09
1.4e-09
1.8e-09
145.7
155.9
166.1
176.2
Distance

ATTACHMENT 7

SENSITIVITY ANALYSES

Shaw®

SENSITIVITY ANALYSIS SUMMARY TABLES

CLR21

Lower Radnor Till Sand
Maximum Horizontal Hydraulic Conductivity = 4.32 E-03 cm/sec
(Site Maximum)

```
*************************************************************
*                                                           *
*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                  RUN DATE -   17-11- 8                    *
*                  TIME     -   10:32:50                    *
*                                                           *
*************************************************************
```

```
*****************************************************************************
 Clinton LF No. 3 (CWU) CLR21 (LRTS 4.32E-3)
*****************************************************************************
```

SURFACE BOUNDARY
~~~~~~~~~~~~~~~~

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
~~~~~~~~~~~~~

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
========================

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.376E+02	.376E+03	0.380	0.000E+00	1900.000	12.2000	0.0003	0.28
12	.376E+02	.376E+03	0.380	0.000E+00	1900.000	12.2000	0.0003	0.28
13	.376E+02	.376E+03	0.380	0.000E+00	1900.000	12.2000	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2041E-07		
		0.3820E+01	-0.3180E-18		
		0.5840E+01	-0.2230E-23		
		0.7860E+01	-0.7329E-31		
		0.8145E+01	-0.7324E-31		
		0.8429E+01	-0.7320E-31		
		0.8714E+01	-0.7319E-31		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1160E-07		
		0.3820E+01	-0.1711E-18		
		0.5840E+01	-0.1270E-23		
		0.7860E+01	-0.1235E-30		
		0.8145E+01	-0.1235E-30		
		0.8429E+01	-0.1236E-30		
		0.8714E+01	-0.1236E-30		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5209E-08		
		0.3820E+01	-0.6657E-19		
		0.5840E+01	-0.5735E-24		
		0.7860E+01	-0.1246E-30		
		0.8145E+01	-0.1247E-30		
		0.8429E+01	-0.1247E-30		
		0.8714E+01	-0.1248E-30		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4439E-09		
		0.3820E+01	0.1047E-19		
		0.5840E+01	-0.5363E-25		
		0.7860E+01	-0.8674E-31		
		0.8145E+01	-0.8682E-31		
		0.8429E+01	-0.8687E-31		
		0.8714E+01	-0.8689E-31		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4058E-04		
		0.1800E+01	-0.6986E-05		
		0.3820E+01	-0.3643E-13		
		0.5840E+01	0.1296E-17		
		0.7860E+01	0.3627E-21		
		0.8145E+01	0.3629E-21		
		0.8429E+01	0.3630E-21		
		0.8714E+01	0.3630E-21		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2308E-04		
		0.1800E+01	-0.3973E-05		
		0.3820E+01	-0.2073E-13		
		0.5840E+01	0.7364E-18		
		0.7860E+01	0.2972E-21		
		0.8145E+01	0.2974E-21		
		0.8429E+01	0.2974E-21		
		0.8714E+01	0.2975E-21		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1788E-05		
		0.3820E+01	-0.9337E-14		
		0.5840E+01	0.3306E-18		
		0.7860E+01	0.2393E-21		
		0.8145E+01	0.2394E-21		
		0.8429E+01	0.2394E-21		
		0.8714E+01	0.2395E-21		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9126E-06		
		0.1800E+01	-0.1576E-06		
		0.3820E+01	-0.8377E-15		
		0.5840E+01	0.2801E-19		
		0.7860E+01	0.1884E-21		
		0.8145E+01	0.1884E-21		
		0.8429E+01	0.1885E-21		
		0.8714E+01	0.1885E-21		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5285E-03		
		0.1505E+01	-0.1831E-03		
		0.1800E+01	-0.5399E-04		
		0.3820E+01	-0.1311E-09		
		0.5840E+01	0.1274E-15		
		0.7860E+01	-0.3926E-18		
		0.8145E+01	-0.3921E-18		
		0.8429E+01	-0.3919E-18		

		0.8714E+01	-0.3918E-18		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3007E-03		
		0.1505E+01	-0.1042E-03		
		0.1800E+01	-0.3073E-04		
		0.3820E+01	-0.7464E-10		
		0.5840E+01	0.7225E-16		
		0.7860E+01	-0.6605E-18		
		0.8145E+01	-0.6603E-18		
		0.8429E+01	-0.6601E-18		
		0.8714E+01	-0.6600E-18		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4694E-04		
		0.1800E+01	-0.1385E-04		
		0.3820E+01	-0.3367E-10		
		0.5840E+01	0.3231E-16		
		0.7860E+01	-0.8794E-18		
		0.8145E+01	-0.8792E-18		
		0.8429E+01	-0.8791E-18		
		0.8714E+01	-0.8791E-18		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4241E-05		
		0.1800E+01	-0.1258E-05		
		0.3820E+01	-0.3099E-11		
		0.5840E+01	0.2545E-17		
		0.7860E+01	-0.1048E-17		
		0.8145E+01	-0.1048E-17		
		0.8429E+01	-0.1048E-17		
		0.8714E+01	-0.1048E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9206E-03		
		0.1505E+01	-0.4014E-03		
		0.1800E+01	-0.1555E-03		
		0.3820E+01	-0.8083E-08		

		0.5840E+01	-0.2385E-14		
		0.7860E+01	-0.1328E-15		
		0.8145E+01	-0.1329E-15		
		0.8429E+01	-0.1329E-15		
		0.8714E+01	-0.1329E-15		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5241E-03		
		0.1505E+01	-0.2285E-03		
		0.1800E+01	-0.8859E-04		
		0.3820E+01	-0.4606E-08		
		0.5840E+01	-0.1361E-14		
		0.7860E+01	-0.1150E-15		
		0.8145E+01	-0.1150E-15		
		0.8429E+01	-0.1151E-15		
		0.8714E+01	-0.1151E-15		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4833E-03		
		0.1211E+01	-0.2364E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.3999E-04		
		0.3820E+01	-0.2082E-08		
		0.5840E+01	-0.6170E-15		
		0.7860E+01	-0.9599E-16		
		0.8145E+01	-0.9604E-16		
		0.8429E+01	-0.9607E-16		
		0.8714E+01	-0.9609E-16		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4378E-04		
		0.1211E+01	-0.2168E-04		
		0.1505E+01	-0.9548E-05		
		0.1800E+01	-0.3728E-05		
		0.3820E+01	-0.1981E-09		
		0.5840E+01	-0.6166E-16		
		0.7860E+01	-0.7616E-16		
		0.8145E+01	-0.7621E-16		
		0.8429E+01	-0.7624E-16		
		0.8714E+01	-0.7625E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.1211E+01	-0.1300E-02		
		0.1505E+01	-0.6521E-03		
		0.1800E+01	-0.2982E-03		
		0.3820E+01	-0.9831E-07		
		0.5840E+01	-0.2421E-12		
		0.7860E+01	0.3125E-14		
		0.8145E+01	0.3126E-14		
		0.8429E+01	0.3127E-14		
		0.8714E+01	0.3127E-14		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7405E-03		
		0.1505E+01	-0.3715E-03		
		0.1800E+01	-0.1700E-03		
		0.3820E+01	-0.5607E-07		
		0.5840E+01	-0.1381E-12		
		0.7860E+01	0.2775E-14		
		0.8145E+01	0.2776E-14		
		0.8429E+01	0.2777E-14		
		0.8714E+01	0.2777E-14		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6091E-03		
		0.1211E+01	-0.3344E-03		
		0.1505E+01	-0.1679E-03		
		0.1800E+01	-0.7684E-04		
		0.3820E+01	-0.2539E-07		
		0.5840E+01	-0.6257E-13		
		0.7860E+01	0.2396E-14		
		0.8145E+01	0.2397E-14		
		0.8429E+01	0.2398E-14		
		0.8714E+01	0.2398E-14		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9336E-04		
		0.9159E+00	-0.5608E-04		
		0.1211E+01	-0.3127E-04		
		0.1505E+01	-0.1588E-04		
		0.1800E+01	-0.7336E-05		
		0.3820E+01	-0.2492E-08		
		0.5840E+01	-0.6183E-14		
		0.7860E+01	0.1994E-14		
		0.8145E+01	0.1995E-14		
		0.8429E+01	0.1996E-14		
		0.8714E+01	0.1996E-14		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.9079E-03		
		0.1800E+01	-0.4641E-03		
		0.3820E+01	-0.5269E-06		
		0.5840E+01	-0.1066E-10		
		0.7860E+01	-0.2138E-13		
		0.8145E+01	-0.2139E-13		
		0.8429E+01	-0.2139E-13		
		0.8714E+01	-0.2139E-13		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1583E-02		
		0.1211E+01	-0.9385E-03		
		0.1505E+01	-0.5175E-03		
		0.1800E+01	-0.2647E-03		
		0.3820E+01	-0.3007E-06		
		0.5840E+01	-0.6089E-11		
		0.7860E+01	-0.1799E-13		
		0.8145E+01	-0.1800E-13		
		0.8429E+01	-0.1800E-13		
		0.8714E+01	-0.1801E-13		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7146E-03		
		0.1211E+01	-0.4242E-03		
		0.1505E+01	-0.2341E-03		
		0.1800E+01	-0.1198E-03		
		0.3820E+01	-0.1364E-06		
		0.5840E+01	-0.2764E-11		
		0.7860E+01	-0.1435E-13		
		0.8145E+01	-0.1436E-13		
		0.8429E+01	-0.1437E-13		
		0.8714E+01	-0.1437E-13		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6677E-04		
		0.1211E+01	-0.4036E-04		
		0.1505E+01	-0.2260E-04		
		0.1800E+01	-0.1169E-04		
		0.3820E+01	-0.1378E-07		
		0.5840E+01	-0.2820E-12		
		0.7860E+01	-0.1051E-13		
		0.8145E+01	-0.1052E-13		
		0.8429E+01	-0.1053E-13		
		0.8714E+01	-0.1053E-13		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
^.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1155E-02		
		0.1800E+01	-0.6395E-03		
		0.3820E+01	-0.1761E-05		
		0.5840E+01	-0.1578E-09		
		0.7860E+01	-0.5088E-13		
		0.8145E+01	-0.5084E-13		
		0.8429E+01	-0.5082E-13		
		0.8714E+01	-0.5082E-13		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.6585E-03		
		0.1800E+01	-0.3648E-03		
		0.3820E+01	-0.1006E-05		
		0.5840E+01	-0.9018E-10		
		0.7860E+01	-0.6979E-13		
		0.8145E+01	-0.6976E-13		
		0.8429E+01	-0.6974E-13		
		0.8714E+01	-0.6974E-13		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8035E-03		
		0.1211E+01	-0.5047E-03		
		0.1505E+01	-0.2982E-03		
		0.1800E+01	-0.1654E-03		
		0.3820E+01	-0.4572E-06		
		0.5840E+01	-0.4102E-10		
		0.7860E+01	-0.8836E-13		
		0.8145E+01	-0.8833E-13		
		0.8429E+01	-0.8832E-13		
		0.8714E+01	-0.8831E-13		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7607E-04		
		0.1211E+01	-0.4879E-04		
		0.1505E+01	-0.2931E-04		
		0.1800E+01	-0.1646E-04		
		0.3820E+01	-0.4745E-07		
		0.5840E+01	-0.4313E-11		
		0.7860E+01	-0.1064E-12		
		0.8145E+01	-0.1064E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	-0.1064E-12		
		0.8714E+01	-0.1064E-12		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3411E-02		
		0.1211E+01	-0.2231E-02		
		0.1505E+01	-0.1386E-02		
		0.1800E+01	-0.8153E-03		
		0.3820E+01	-0.4371E-05		
		0.5840E+01	-0.1198E-08		
		0.7860E+01	0.8105E-12		
		0.8145E+01	0.8106E-12		
		0.8429E+01	0.8107E-12		
		0.8714E+01	0.8107E-12		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1272E-02		
		0.1505E+01	-0.7908E-03		
		0.1800E+01	-0.4654E-03		
		0.3820E+01	-0.2498E-05		
		0.5840E+01	-0.6852E-09		
		0.7860E+01	0.8365E-12		
		0.8145E+01	0.8365E-12		
		0.8429E+01	0.8366E-12		
		0.8714E+01	0.8366E-12		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8790E-03		
		0.1211E+01	-0.5762E-03		
		0.1505E+01	-0.3585E-03		
		0.1800E+01	-0.2112E-03		
		0.3820E+01	-0.1138E-05		
		0.5840E+01	-0.3123E-09		
		0.7860E+01	0.8617E-12		
		0.8145E+01	0.8618E-12		
		0.8429E+01	0.8618E-12		
		0.8714E+01	0.8618E-12		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1200E-03		
		0.9159E+00	-0.8423E-04		
		0.1211E+01	-0.5652E-04		
		0.1505E+01	-0.3582E-04		
		0.1800E+01	-0.2142E-04		

		0.3820E+01	-0.1211E-06		
		0.5840E+01	-0.3376E-10		
		0.7860E+01	0.8848E-12		
		0.8145E+01	0.8849E-12		
		0.8429E+01	0.8850E-12		
		0.8714E+01	0.8850E-12		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7209E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3658E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1599E-02		
		0.1800E+01	-0.9863E-03		
		0.3820E+01	-0.8885E-05		
		0.5840E+01	-0.5817E-08		
		0.7860E+01	0.3065E-11		
		0.8145E+01	0.3066E-11		
		0.8429E+01	0.3067E-11		
		0.8714E+01	0.3067E-11		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2987E-02		
		0.9159E+00	-0.2085E-02		
		0.1211E+01	-0.1411E-02		
		0.1505E+01	-0.9130E-03		
		0.1800E+01	-0.5633E-03		
		0.3820E+01	-0.5083E-05		
		0.5840E+01	-0.3330E-08		
		0.7860E+01	0.2557E-11		
		0.8145E+01	0.2558E-11		
		0.8429E+01	0.2559E-11		
		0.8714E+01	0.2559E-11		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1349E-02		
		0.9159E+00	-0.9437E-03		
		0.1211E+01	-0.6397E-03		
		0.1505E+01	-0.4144E-03		
		0.1800E+01	-0.2559E-03		
		0.3820E+01	-0.2318E-05		
		0.5840E+01	-0.1521E-08		
		0.7860E+01	0.2127E-11		
		0.8145E+01	0.2128E-11		
		0.8429E+01	0.2128E-11		
		0.8714E+01	0.2129E-11		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1263E-03		

		0.9159E+00	-0.9143E-04		
		0.1211E+01	-0.6360E-04		
		0.1505E+01	-0.4205E-04		
		0.1800E+01	-0.2640E-04		
		0.3820E+01	-0.2529E-06		
		0.5840E+01	-0.1689E-09		
		0.7860E+01	0.1766E-11		
		0.8145E+01	0.1767E-11		
		0.8429E+01	0.1767E-11		
		0.8714E+01	0.1767E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5427E-02		
		0.9159E+00	-0.3871E-02		
		0.1211E+01	-0.2689E-02		
		0.1505E+01	-0.1795E-02		
		0.1800E+01	-0.1149E-02		
		0.3820E+01	-0.1569E-04		
		0.5840E+01	-0.2062E-07		
		0.7860E+01	0.3308E-10		
		0.8145E+01	0.3309E-10		
		0.8429E+01	0.3310E-10		
		0.8714E+01	0.3310E-10		
.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2207E-02		
		0.1211E+01	-0.1535E-02		
		0.1505E+01	-0.1025E-02		
		0.1800E+01	-0.6568E-03		
		0.3820E+01	-0.8983E-05		
		0.5840E+01	-0.1181E-07		
		0.7860E+01	0.2817E-10		
		0.8145E+01	0.2818E-10		
		0.8429E+01	0.2819E-10		
		0.8714E+01	0.2819E-10		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.9995E-03		
		0.1211E+01	-0.6961E-03		
		0.1505E+01	-0.4657E-03		
		0.1800E+01	-0.2987E-03		
		0.3820E+01	-0.4104E-05		
		0.5840E+01	-0.5406E-08		
		0.7860E+01	0.2389E-10		
		0.8145E+01	0.2390E-10		
		0.8429E+01	0.2391E-10		
		0.8714E+01	0.2391E-10		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1695E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9784E-04		
		0.1211E+01	-0.7006E-04		
		0.1505E+01	-0.4794E-04		
		0.1800E+01	-0.3131E-04		
		0.3820E+01	-0.4580E-06		
		0.5840E+01	-0.6160E-09		
		0.7860E+01	0.2017E-10		
		0.8145E+01	0.2018E-10		
		0.8429E+01	0.2018E-10		
		0.8714E+01	0.2019E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.4056E-02		
		0.1211E+01	-0.2879E-02		
		0.1505E+01	-0.1974E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.2500E-04		
		0.5840E+01	-0.5814E-07		
		0.7860E+01	0.2906E-09		
		0.8145E+01	0.2907E-09		
		0.8429E+01	0.2908E-09		
		0.8714E+01	0.2908E-09		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4236E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1644E-02		
		0.1505E+01	-0.1128E-02		
		0.1800E+01	-0.7451E-03		
		0.3820E+01	-0.1432E-04		
		0.5840E+01	-0.3333E-07		
		0.7860E+01	0.2568E-09		
		0.8145E+01	0.2569E-09		
		0.8429E+01	0.2569E-09		
		0.8714E+01	0.2570E-09		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7463E-03		
		0.1505E+01	-0.5127E-03		
		0.1800E+01	-0.3392E-03		
		0.3820E+01	-0.6554E-05		
		0.5840E+01	-0.1528E-07		
		0.7860E+01	0.2264E-09		

		0.8145E+01	0.2265E-09		
		0.8429E+01	0.2265E-09		
		0.8714E+01	0.2265E-09		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1367E-03		
		0.9159E+00	-0.1036E-03		
		0.1211E+01	-0.7599E-04		
		0.1505E+01	-0.5348E-04		
		0.1800E+01	-0.3609E-04		
		0.3820E+01	-0.7474E-06		
		0.5840E+01	-0.1784E-08		
		0.7860E+01	0.1991E-09		
		0.8145E+01	0.1992E-09		
		0.8429E+01	0.1992E-09		
		0.8714E+01	0.1992E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5718E-02		
		0.9159E+00	-0.4217E-02		
		0.1211E+01	-0.3049E-02		
		0.1505E+01	-0.2136E-02		
		0.1800E+01	-0.1448E-02		
		0.3820E+01	-0.3686E-04		
		0.5840E+01	-0.1379E-06		
		0.7860E+01	0.1614E-08		
		0.8145E+01	0.1614E-08		
		0.8429E+01	0.1615E-08		
		0.8714E+01	0.1615E-08		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2406E-02		
		0.1211E+01	-0.1741E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.8279E-03		
		0.3820E+01	-0.2113E-04		
		0.5840E+01	-0.7914E-07		
		0.7860E+01	0.1462E-08		
		0.8145E+01	0.1463E-08		
		0.8429E+01	0.1463E-08		
		0.8714E+01	0.1463E-08		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.7911E-03		
		0.1505E+01	-0.5556E-03		

		0.1800E+01	-0.3773E-03		
		0.3820E+01	-0.9686E-05		
		0.5840E+01	-0.3634E-07		
		0.7860E+01	0.1325E-08		
		0.8145E+01	0.1325E-08		
		0.8429E+01	0.1325E-08		
		0.8714E+01	0.1325E-08		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1410E-03		
		0.9159E+00	-0.1087E-03		
		0.1211E+01	-0.8142E-04		
		0.1505E+01	-0.5869E-04		
		0.1800E+01	-0.4071E-04		
		0.3820E+01	-0.1127E-05		
		0.5840E+01	-0.4342E-08		
		0.7860E+01	0.1199E-08		
		0.8145E+01	0.1200E-08		
		0.8429E+01	0.1200E-08		
		0.8714E+01	0.1200E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9707E-02		
		0.3063E+00	-0.7613E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4359E-02		
		0.1211E+01	-0.3201E-02		
		0.1505E+01	-0.2284E-02		
		0.1800E+01	-0.1582E-02		
		0.3820E+01	-0.5119E-04		
		0.5840E+01	-0.2864E-06		
		0.7860E+01	0.6452E-08		
		0.8145E+01	0.6454E-08		
		0.8429E+01	0.6455E-08		
		0.8714E+01	0.6456E-08		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4334E-02		
		0.6111E+00	-0.3326E-02		
		0.9159E+00	-0.2488E-02		
		0.1211E+01	-0.1828E-02		
		0.1505E+01	-0.1306E-02		
		0.1800E+01	-0.9051E-03		
		0.3820E+01	-0.2937E-04		
		0.5840E+01	-0.1645E-06		
		0.7860E+01	0.5885E-08		
		0.8145E+01	0.5887E-08		
		0.8429E+01	0.5888E-08		
		0.8714E+01	0.5888E-08		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2478E-02		
		0.3063E+00	-0.1954E-02		

		0.6111E+00	-0.1505E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.8312E-03		
		0.1505E+01	-0.5948E-03		
		0.1800E+01	-0.4129E-03		
		0.3820E+01	-0.1348E-04		
		0.5840E+01	-0.7566E-07		
		0.7860E+01	0.5364E-08		
		0.8145E+01	0.5365E-08		
		0.8429E+01	0.5366E-08		
		0.8714E+01	0.5366E-08		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1784E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.8641E-04		
		0.1505E+01	-0.6357E-04		
		0.1800E+01	-0.4514E-04		
		0.3820E+01	-0.1600E-05		
		0.5840E+01	-0.9245E-08		
		0.7860E+01	0.4885E-08		
		0.8145E+01	0.4886E-08		
		0.8429E+01	0.4887E-08		
		0.8714E+01	0.4887E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7681E-02		
		0.6111E+00	-0.5938E-02		
		0.9159E+00	-0.4484E-02		
		0.1211E+01	-0.3337E-02		
		0.1505E+01	-0.2419E-02		
		0.1800E+01	-0.1707E-02		
		0.3820E+01	-0.6780E-04		
		0.5840E+01	-0.5354E-06		
		0.7860E+01	0.2248E-07		
		0.8145E+01	0.2249E-07		
		0.8429E+01	0.2249E-07		
		0.8714E+01	0.2249E-07		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2560E-02		
		0.1211E+01	-0.1907E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.9769E-03		
		0.3820E+01	-0.3892E-04		
		0.5840E+01	-0.3078E-06		
		0.7860E+01	0.2075E-07		
		0.8145E+01	0.2075E-07		
		0.8429E+01	0.2075E-07		
		0.8714E+01	0.2076E-07		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1972E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1162E-02		
		0.1211E+01	-0.8673E-03		
		0.1505E+01	-0.6307E-03		
		0.1800E+01	-0.4460E-03		
		0.3820E+01	-0.1789E-04		
		0.5840E+01	-0.1418E-06		
		0.7860E+01	0.1913E-07		
		0.8145E+01	0.1914E-07		
		0.8429E+01	0.1914E-07		
		0.8714E+01	0.1914E-07		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1807E-03		
		0.6111E+00	-0.1484E-03		
		0.9159E+00	-0.1177E-03		
		0.1211E+01	-0.9102E-04		
		0.1505E+01	-0.6815E-04		
		0.1800E+01	-0.4937E-04		
		0.3820E+01	-0.2164E-05		
		0.5840E+01	-0.1770E-07		
		0.7860E+01	0.1763E-07		
		0.8145E+01	0.1764E-07		
		0.8429E+01	0.1764E-07		
		0.8714E+01	0.1764E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6028E-02		
		0.9159E+00	-0.4596E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2542E-02		
		0.1800E+01	-0.1822E-02		
		0.3820E+01	-0.8645E-04		
		0.5840E+01	-0.9204E-06		
		0.7860E+01	0.6536E-07		
		0.8145E+01	0.6537E-07		
		0.8429E+01	0.6538E-07		
		0.8714E+01	0.6539E-07		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2624E-02		
		0.1211E+01	-0.1977E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.1044E-02		
		0.3820E+01	-0.4966E-04		
		0.5840E+01	-0.5294E-06		

		0.7860E+01	0.6089E-07		
		0.8145E+01	0.6090E-07		
		0.8429E+01	0.6091E-07		
		0.8714E+01	0.6091E-07		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1556E-02		
		0.9159E+00	-0.1191E-02		
		0.1211E+01	-0.8998E-03		
		0.1505E+01	-0.6635E-03		
		0.1800E+01	-0.4769E-03		
		0.3820E+01	-0.2286E-04		
		0.5840E+01	-0.2444E-06		
		0.7860E+01	0.5669E-07		
		0.8145E+01	0.5670E-07		
		0.8429E+01	0.5671E-07		
		0.8714E+01	0.5672E-07		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1515E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9528E-04		
		0.1505E+01	-0.7243E-04		
		0.1800E+01	-0.5341E-04		
		0.3820E+01	-0.2814E-05		
		0.5840E+01	-0.3112E-07		
		0.7860E+01	0.5276E-07		
		0.8145E+01	0.5277E-07		
		0.8429E+01	0.5278E-07		
		0.8714E+01	0.5278E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.1211E+01	-0.3569E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1930E-02		
		0.3820E+01	-0.1069E-03		
		0.5840E+01	-0.1477E-05		
		0.7860E+01	0.1653E-06		
		0.8145E+01	0.1653E-06		
		0.8429E+01	0.1654E-06		
		0.8714E+01	0.1654E-06		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2681E-02		
		0.1211E+01	-0.2040E-02		

		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1105E-02		
		0.3820E+01	-0.6143E-04		
		0.5840E+01	-0.8504E-06		
		0.7860E+01	0.1551E-06		
		0.8145E+01	0.1552E-06		
		0.8429E+01	0.1552E-06		
		0.8714E+01	0.1552E-06		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1218E-02		
		0.1211E+01	-0.9292E-03		
		0.1505E+01	-0.6935E-03		
		0.1800E+01	-0.5055E-03		
		0.3820E+01	-0.2832E-04		
		0.5840E+01	-0.3932E-06		
		0.7860E+01	0.1455E-06		
		0.8145E+01	0.1456E-06		
		0.8429E+01	0.1456E-06		
		0.8714E+01	0.1456E-06		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1544E-03		
		0.9159E+00	-0.1251E-03		
		0.1211E+01	-0.9922E-04		
		0.1505E+01	-0.7646E-04		
		0.1800E+01	-0.5725E-04		
		0.3820E+01	-0.3545E-05		
		0.5840E+01	-0.5104E-07		
		0.7860E+01	0.1365E-06		
		0.8145E+01	0.1365E-06		
		0.8429E+01	0.1365E-06		
		0.8714E+01	0.1365E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4785E-02		
		0.1211E+01	-0.3668E-02		
		0.1505E+01	-0.2757E-02		
		0.1800E+01	-0.2029E-02		
		0.3820E+01	-0.1288E-03		
		0.5840E+01	-0.2241E-05		
		0.7860E+01	0.3743E-06		
		0.8145E+01	0.3743E-06		
		0.8429E+01	0.3744E-06		
		0.8714E+01	0.3744E-06		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3524E-02		
		0.9159E+00	-0.2733E-02		
		0.1211E+01	-0.2098E-02		
		0.1505E+01	-0.1578E-02		
		0.1800E+01	-0.1163E-02		
		0.3820E+01	-0.7406E-04		
		0.5840E+01	-0.1291E-05		
		0.7860E+01	0.3535E-06		
		0.8145E+01	0.3535E-06		
		0.8429E+01	0.3536E-06		
		0.8714E+01	0.3536E-06		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1242E-02		
		0.1211E+01	-0.9559E-03		
		0.1505E+01	-0.7210E-03		
		0.1800E+01	-0.5322E-03		
		0.3820E+01	-0.3419E-04		
		0.5840E+01	-0.5978E-06		
		0.7860E+01	0.3337E-06		
		0.8145E+01	0.3337E-06		
		0.8429E+01	0.3338E-06		
		0.8714E+01	0.3338E-06		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1864E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1029E-03		
		0.1505E+01	-0.8023E-04		
		0.1800E+01	-0.6090E-04		
		0.3820E+01	-0.4350E-05		
		0.5840E+01	-0.7896E-07		
		0.7860E+01	0.3149E-06		
		0.8145E+01	0.3149E-06		
		0.8429E+01	0.3150E-06		
		0.8714E+01	0.3150E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7882E-02		
		0.6111E+00	-0.6243E-02		
		0.9159E+00	-0.4865E-02		
		0.1211E+01	-0.3759E-02		
		0.1505E+01	-0.2851E-02		
		0.1800E+01	-0.2121E-02		
		0.3820E+01	-0.1519E-03		
		0.5840E+01	-0.3241E-05		
		0.7860E+01	0.7736E-06		
		0.8145E+01	0.7737E-06		
		0.8429E+01	0.7738E-06		

		0.8714E+01	0.7739E-06		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4489E-02		
		0.6111E+00	-0.3561E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.2150E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.1216E-02		
		0.3820E+01	-0.8740E-04		
		0.5840E+01	-0.1869E-05		
		0.7860E+01	0.7345E-06		
		0.8145E+01	0.7347E-06		
		0.8429E+01	0.7348E-06		
		0.8714E+01	0.7348E-06		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1263E-02		
		0.1211E+01	-0.9802E-03		
		0.1505E+01	-0.7463E-03		
		0.1800E+01	-0.5569E-03		
		0.3820E+01	-0.4040E-04		
		0.5840E+01	-0.8665E-06		
		0.7860E+01	0.6972E-06		
		0.8145E+01	0.6973E-06		
		0.8429E+01	0.6974E-06		
		0.8714E+01	0.6974E-06		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1879E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1314E-03		
		0.1211E+01	-0.1063E-03		
		0.1505E+01	-0.8377E-04		
		0.1800E+01	-0.6436E-04		
		0.3820E+01	-0.5220E-05		
		0.5840E+01	-0.1162E-06		
		0.7860E+01	0.6615E-06		
		0.8145E+01	0.6617E-06		
		0.8429E+01	0.6617E-06		
		0.8714E+01	0.6618E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7919E-02		
		0.6111E+00	-0.6300E-02		
		0.9159E+00	-0.4937E-02		
		0.1211E+01	-0.3841E-02		
		0.1505E+01	-0.2938E-02		
		0.1800E+01	-0.2206E-02		
		0.3820E+01	-0.1759E-03		

		0.5840E+01	-0.4505E-05		
		0.7860E+01	0.1480E-05		
		0.8145E+01	0.1480E-05		
		0.8429E+01	0.1481E-05		
		0.8714E+01	0.1481E-05		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2821E-02		
		0.1211E+01	-0.2197E-02		
		0.1505E+01	-0.1683E-02		
		0.1800E+01	-0.1265E-02		
		0.3820E+01	-0.1013E-03		
		0.5840E+01	-0.2599E-05		
		0.7860E+01	0.1412E-05		
		0.8145E+01	0.1412E-05		
		0.8429E+01	0.1413E-05		
		0.8714E+01	0.1413E-05		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1629E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7695E-03		
		0.1800E+01	-0.5799E-03		
		0.3820E+01	-0.4688E-04		
		0.5840E+01	-0.1207E-05		
		0.7860E+01	0.1347E-05		
		0.8145E+01	0.1347E-05		
		0.8429E+01	0.1347E-05		
		0.8714E+01	0.1347E-05		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1616E-03		
		0.9159E+00	-0.1342E-03		
		0.1211E+01	-0.1094E-03		
		0.1505E+01	-0.8710E-04		
		0.1800E+01	-0.6766E-04		
		0.3820E+01	-0.6148E-05		
		0.5840E+01	-0.1640E-06		
		0.7860E+01	0.1284E-05		
		0.8145E+01	0.1284E-05		
		0.8429E+01	0.1284E-05		
		0.8714E+01	0.1285E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7953E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.5003E-02		

		0.1211E+01	-0.3915E-02		
		0.1505E+01	-0.3017E-02		
		0.1800E+01	-0.2285E-02		
		0.3820E+01	-0.2006E-03		
		0.5840E+01	-0.6053E-05		
		0.7860E+01	0.2647E-05		
		0.8145E+01	0.2647E-05		
		0.8429E+01	0.2648E-05		
		0.8714E+01	0.2648E-05		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5594E-02		
		0.3063E+00	-0.4530E-02		
		0.6111E+00	-0.3624E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2241E-02		
		0.1505E+01	-0.1728E-02		
		0.1800E+01	-0.1311E-02		
		0.3820E+01	-0.1156E-03		
		0.5840E+01	-0.3493E-05		
		0.7860E+01	0.2536E-05		
		0.8145E+01	0.2536E-05		
		0.8429E+01	0.2537E-05		
		0.8714E+01	0.2537E-05		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2514E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1643E-02		
		0.9159E+00	-0.1301E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.7910E-03		
		0.1800E+01	-0.6013E-03		
		0.3820E+01	-0.5357E-04		
		0.5840E+01	-0.1623E-05		
		0.7860E+01	0.2429E-05		
		0.8145E+01	0.2429E-05		
		0.8429E+01	0.2430E-05		
		0.8714E+01	0.2430E-05		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1636E-03		
		0.9159E+00	-0.1368E-03		
		0.1211E+01	-0.1124E-03		
		0.1505E+01	-0.9023E-04		
		0.1800E+01	-0.7078E-04		
		0.3820E+01	-0.7126E-05		
		0.5840E+01	-0.2227E-06		
		0.7860E+01	0.2326E-05		
		0.8145E+01	0.2326E-05		
		0.8429E+01	0.2326E-05		
		0.8714E+01	0.2327E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02		
		0.3063E+00	-0.7983E-02		
		0.6111E+00	-0.6398E-02		
		0.9159E+00	-0.5063E-02		
		0.1211E+01	-0.3984E-02		
		0.1505E+01	-0.3089E-02		
		0.1800E+01	-0.2359E-02		
		0.3820E+01	-0.2258E-03		
		0.5840E+01	-0.7896E-05		
		0.7860E+01	0.4458E-05		
		0.8145E+01	0.4459E-05		
		0.8429E+01	0.4459E-05		
		0.8714E+01	0.4459E-05		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.5600E-02		
		0.3063E+00	-0.4547E-02		
		0.6111E+00	-0.3651E-02		
		0.9159E+00	-0.2894E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1771E-02		
		0.1800E+01	-0.1353E-02		
		0.3820E+01	-0.1302E-03		
		0.5840E+01	-0.4558E-05		
		0.7860E+01	0.4286E-05		
		0.8145E+01	0.4287E-05		
		0.8429E+01	0.4287E-05		
		0.8714E+01	0.4288E-05		
0.1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2053E-02		
		0.6111E+00	-0.1655E-02		
		0.9159E+00	-0.1317E-02		
		0.1211E+01	-0.1041E-02		
		0.1505E+01	-0.8107E-03		
		0.1800E+01	-0.6212E-03		
		0.3820E+01	-0.6041E-04		
		0.5840E+01	-0.2119E-05		
		0.7860E+01	0.4120E-05		
		0.8145E+01	0.4121E-05		
		0.8429E+01	0.4121E-05		
		0.8714E+01	0.4121E-05		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1919E-03		
		0.6111E+00	-0.1655E-03		
		0.9159E+00	-0.1392E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9317E-04		
		0.1800E+01	-0.7375E-04		
		0.3820E+01	-0.8146E-05		
		0.5840E+01	-0.2919E-06		
		0.7860E+01	0.3960E-05		
		0.8145E+01	0.3960E-05		
		0.8429E+01	0.3961E-05		
		0.8714E+01	0.3961E-05		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8010E-02		
		0.6111E+00	-0.6440E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.4046E-02		
		0.1505E+01	-0.3157E-02		
		0.1800E+01	-0.2427E-02		
		0.3820E+01	-0.2513E-03		
		0.5840E+01	-0.1004E-04		
		0.7860E+01	0.7149E-05		
		0.8145E+01	0.7150E-05		
		0.8429E+01	0.7151E-05		
		0.8714E+01	0.7151E-05		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4563E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1393E-02		
		0.3820E+01	-0.1450E-03		
		0.5840E+01	-0.5797E-05		
		0.7860E+01	0.6895E-05		
		0.8145E+01	0.6896E-05		
		0.8429E+01	0.6896E-05		
		0.8714E+01	0.6897E-05		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1332E-02		
		0.1211E+01	-0.1058E-02		
		0.1505E+01	-0.8290E-03		
		0.1800E+01	-0.6397E-03		
		0.3820E+01	-0.6734E-04		
		0.5840E+01	-0.2694E-05		
		0.7860E+01	0.6648E-05		
		0.8145E+01	0.6649E-05		
		0.8429E+01	0.6650E-05		
		0.8714E+01	0.6650E-05		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1930E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9595E-04		
		0.1800E+01	-0.7657E-04		
		0.3820E+01	-0.9200E-05		
		0.5840E+01	-0.3694E-06		
		0.7860E+01	0.6409E-05		
		0.8145E+01	0.6410E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.6410E-05		
		0.8714E+01	0.6410E-05		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8035E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5166E-02		
		0.1211E+01	-0.4103E-02		
		0.1505E+01	-0.3218E-02		
		0.1800E+01	-0.2490E-02		
		0.3820E+01	-0.2769E-03		
		0.5840E+01	-0.1248E-04		
		0.7860E+01	0.1099E-04		
		0.8145E+01	0.1100E-04		
		0.8429E+01	0.1100E-04		
		0.8714E+01	0.1100E-04		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3697E-02		
		0.9159E+00	-0.2954E-02		
		0.1211E+01	-0.2350E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.1598E-03		
		0.5840E+01	-0.7206E-05		
		0.7860E+01	0.1063E-04		
		0.8145E+01	0.1063E-04		
		0.8429E+01	0.1063E-04		
		0.8714E+01	0.1064E-04		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1345E-02		
		0.1211E+01	-0.1074E-02		
		0.1505E+01	-0.8459E-03		
		0.1800E+01	-0.6570E-03		
		0.3820E+01	-0.7433E-04		
		0.5840E+01	-0.3346E-05		
		0.7860E+01	0.1028E-04		
		0.8145E+01	0.1028E-04		
		0.8429E+01	0.1028E-04		
		0.8714E+01	0.1028E-04		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1436E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7924E-04		

		0.3820E+01	-0.1028E-04		
		0.5840E+01	-0.4521E-06		
		0.7860E+01	0.9938E-05		
		0.8145E+01	0.9939E-05		
		0.8429E+01	0.9940E-05		
		0.8714E+01	0.9940E-05		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9881E-02		
		0.3063E+00	-0.8057E-02		
		0.6111E+00	-0.6513E-02		
		0.9159E+00	-0.5212E-02		
		0.1211E+01	-0.4156E-02		
		0.1505E+01	-0.3276E-02		
		0.1800E+01	-0.2549E-02		
		0.3820E+01	-0.3024E-03		
		0.5840E+01	-0.1522E-04		
		0.7860E+01	0.1629E-04		
		0.8145E+01	0.1629E-04		
		0.8429E+01	0.1629E-04		
		0.8714E+01	0.1629E-04		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2980E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1879E-02		
		0.1800E+01	-0.1464E-02		
		0.3820E+01	-0.1747E-03		
		0.5840E+01	-0.8778E-05		
		0.7860E+01	0.1579E-04		
		0.8145E+01	0.1579E-04		
		0.8429E+01	0.1579E-04		
		0.8714E+01	0.1579E-04		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1687E-02		
		0.9159E+00	-0.1358E-02		
		0.1211E+01	-0.1088E-02		
		0.1505E+01	-0.8615E-03		
		0.1800E+01	-0.6731E-03		
		0.3820E+01	-0.8132E-04		
		0.5840E+01	-0.4066E-05		
		0.7860E+01	0.1530E-04		
		0.8145E+01	0.1531E-04		
		0.8429E+01	0.1531E-04		
		0.8714E+01	0.1531E-04		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		

		0.9159E+00	-0.1455E-03		
		0.1211E+01	-0.1224E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8178E-04		
		0.3820E+01	-0.1139E-04		
		0.5840E+01	-0.5339E-06		
		0.7860E+01	0.1483E-04		
		0.8145E+01	0.1483E-04		
		0.8429E+01	0.1483E-04		
		0.8714E+01	0.1483E-04		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8078E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4204E-02		
		0.1505E+01	-0.3328E-02		
		0.1800E+01	-0.2603E-02		
		0.3820E+01	-0.3277E-03		
		0.5840E+01	-0.1822E-04		
		0.7860E+01	0.2334E-04		
		0.8145E+01	0.2334E-04		
		0.8429E+01	0.2334E-04		
		0.8714E+01	0.2334E-04		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4602E-02		
		0.6111E+00	-0.3736E-02		
		0.9159E+00	-0.3004E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1909E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.1894E-03		
		0.5840E+01	-0.1050E-04		
		0.7860E+01	0.2267E-04		
		0.8145E+01	0.2268E-04		
		0.8429E+01	0.2268E-04		
		0.8714E+01	0.2268E-04		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1101E-02		
		0.1505E+01	-0.8760E-03		
		0.1800E+01	-0.6881E-03		
		0.3820E+01	-0.8828E-04		
		0.5840E+01	-0.4845E-05		
		0.7860E+01	0.2203E-04		
		0.8145E+01	0.2203E-04		
		0.8429E+01	0.2203E-04		
		0.8714E+01	0.2203E-04		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1474E-03		
		0.1211E+01	-0.1246E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8419E-04		
		0.3820E+01	-0.1251E-04		
		0.5840E+01	-0.6062E-06		
		0.7860E+01	0.2139E-04		
		0.8145E+01	0.2140E-04		
		0.8429E+01	0.2140E-04		
		0.8714E+01	0.2140E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8097E-02		
		0.6111E+00	-0.6574E-02		
		0.9159E+00	-0.5291E-02		
		0.1211E+01	-0.4249E-02		
		0.1505E+01	-0.3377E-02		
		0.1800E+01	-0.2654E-02		
		0.3820E+01	-0.3528E-03		
		0.5840E+01	-0.2148E-04		
		0.7860E+01	0.3248E-04		
		0.8145E+01	0.3248E-04		
		0.8429E+01	0.3248E-04		
		0.8714E+01	0.3249E-04		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5626E-02		
		0.3063E+00	-0.4613E-02		
		0.6111E+00	-0.3753E-02		
		0.9159E+00	-0.3026E-02		
		0.1211E+01	-0.2434E-02		
		0.1505E+01	-0.1938E-02		
		0.1800E+01	-0.1525E-02		
		0.3820E+01	-0.2040E-03		
		0.5840E+01	-0.1235E-04		
		0.7860E+01	0.3161E-04		
		0.8145E+01	0.3162E-04		
		0.8429E+01	0.3162E-04		
		0.8714E+01	0.3162E-04		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2529E-02		
		0.3063E+00	-0.2084E-02		
		0.6111E+00	-0.1704E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1114E-02		
		0.1505E+01	-0.8895E-03		
		0.1800E+01	-0.7021E-03		
		0.3820E+01	-0.9519E-04		
		0.5840E+01	-0.5668E-05		
		0.7860E+01	0.3077E-04		

		0.8145E+01	0.3078E-04		
		0.8429E+01	0.3078E-04		
		0.8714E+01	0.3078E-04		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1731E-03		
		0.9159E+00	-0.1491E-03		
		0.1211E+01	-0.1266E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8648E-04		
		0.3820E+01	-0.1364E-04		
		0.5840E+01	-0.6565E-06		
		0.7860E+01	0.2995E-04		
		0.8145E+01	0.2995E-04		
		0.8429E+01	0.2995E-04		
		0.8714E+01	0.2995E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6596E-02		
		0.9159E+00	-0.5319E-02		
		0.1211E+01	-0.4282E-02		
		0.1505E+01	-0.3414E-02		
		0.1800E+01	-0.2692E-02		
		0.3820E+01	-0.3726E-03		
		0.5840E+01	-0.2424E-04		
		0.7860E+01	0.4152E-04		
		0.8145E+01	0.4152E-04		
		0.8429E+01	0.4153E-04		
		0.8714E+01	0.4153E-04		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3766E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2454E-02		
		0.1505E+01	-0.1959E-02		
		0.1800E+01	-0.1547E-02		
		0.3820E+01	-0.2155E-03		
		0.5840E+01	-0.1391E-04		
		0.7860E+01	0.4047E-04		
		0.8145E+01	0.4048E-04		
		0.8429E+01	0.4048E-04		
		0.8714E+01	0.4048E-04		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1710E-02		
		0.9159E+00	-0.1387E-02		
		0.1211E+01	-0.1123E-02		
		0.1505E+01	-0.8996E-03		

		0.1800E+01	-0.7126E-03		
		0.3820E+01	-0.1007E-03		
		0.5840E+01	-0.6344E-05		
		0.7860E+01	0.3945E-04		
		0.8145E+01	0.3945E-04		
		0.8429E+01	0.3946E-04		
		0.8714E+01	0.3946E-04		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1974E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1281E-03		
		0.1505E+01	-0.1072E-03		
		0.1800E+01	-0.8824E-04		
		0.3820E+01	-0.1454E-04		
		0.5840E+01	-0.6700E-06		
		0.7860E+01	0.3844E-04		
		0.8145E+01	0.3845E-04		
		0.8429E+01	0.3845E-04		
		0.8714E+01	0.3845E-04		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*            ANALYSIS      COMPLETED             *
*                                                *
*          TIME     -       10:34:50             *
*          EXECUTION TIME    0: 2: 0             *
*                                                *
*                                                *
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CLR22

Lower Radnor Till Sand
Minimum Horizontal Hydraulic Conductivity = 1.02 E-05 cm/sec
(Site Minimum)

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*                                                        *
*                                                        *
*                    M I G R A T E v 9                   *
*                                                        *
*                      VERSION 9.0.7                     *
*                                                        *
*                   REVISION - 4/16/1996                 *
*                                                        *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996      *
*                                                        *
*                                                        *
*                                                        *
*                                                        *
*                  RUN DATE -   17-11- 8                 *
*                  TIME     -   10:45: 1                 *
*                                                        *
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Clinton LF No. 3 (CWU) CLR22 (LRTS 1.02E-5)

SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.890E-01	.890E+00	0.380	0.000E+00	1900.000	0.0290	0.0003	0.28
12	.890E-01	.890E+00	0.380	0.000E+00	1900.000	0.0290	0.0003	0.28
13	.890E-01	.890E+00	0.380	0.000E+00	1900.000	0.0290	0.0003	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2041E-07		
		0.3820E+01	-0.3180E-18		
		0.5840E+01	-0.2230E-23		
		0.7860E+01	-0.9067E-32		
		0.8145E+01	-0.5853E-32		
		0.8429E+01	-0.9361E-33		
		0.8714E+01	0.9279E-33		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1160E-07		
		0.3820E+01	-0.1711E-18		
		0.5840E+01	-0.1270E-23		
		0.7860E+01	-0.5240E-32		
		0.8145E+01	-0.3363E-32		
		0.8429E+01	-0.5054E-33		
		0.8714E+01	0.5801E-33		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5209E-08		
		0.3820E+01	-0.6657E-19		
		0.5840E+01	-0.5735E-24		
		0.7860E+01	-0.2452E-32		
		0.8145E+01	-0.1558E-32		
		0.8429E+01	-0.2039E-33		
		0.8714E+01	0.3073E-33		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4439E-09		
		0.3820E+01	0.1047E-19		
		0.5840E+01	-0.5363E-25		
		0.7860E+01	-0.3592E-33		
		0.8145E+01	-0.2022E-33		
		0.8429E+01	0.1915E-34		
		0.8714E+01	0.9683E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4058E-04		
		0.1800E+01	-0.6986E-05		
		0.3820E+01	-0.3643E-13		
		0.5840E+01	0.1296E-17		
		0.7860E+01	-0.9528E-23		
		0.8145E+01	-0.4618E-23		
		0.8429E+01	-0.2353E-23		
		0.8714E+01	-0.1717E-23		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2308E-04		
		0.1800E+01	-0.3973E-05		
		0.3820E+01	-0.2073E-13		
		0.5840E+01	0.7364E-18		
		0.7860E+01	-0.5578E-23		
		0.8145E+01	-0.2751E-23		
		0.8429E+01	-0.1423E-23		
		0.8714E+01	-0.1047E-23		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1788E-05		
		0.3820E+01	-0.9337E-14		
		0.5840E+01	0.3306E-18		
		0.7860E+01	-0.2678E-23		
		0.8145E+01	-0.1369E-23		
		0.8429E+01	-0.7302E-24		
		0.8714E+01	-0.5452E-24		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9126E-06		
		0.1800E+01	-0.1576E-06		
		0.3820E+01	-0.8377E-15		
		0.5840E+01	0.2801E-19		
		0.7860E+01	-0.4934E-24		
		0.8145E+01	-0.3205E-24		
		0.8429E+01	-0.2008E-24		
		0.8714E+01	-0.1607E-24		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5285E-03		
		0.1505E+01	-0.1831E-03		
		0.1800E+01	-0.5399E-04		
		0.3820E+01	-0.1311E-09		
		0.5840E+01	0.1274E-15		
		0.7860E+01	-0.4055E-19		
		0.8145E+01	-0.1908E-19		
		0.8429E+01	-0.8358E-20		

		0.8714E+01	-0.5197E-20		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3007E-03		
		0.1505E+01	-0.1042E-03		
		0.1800E+01	-0.3073E-04		
		0.3820E+01	-0.7464E-10		
		0.5840E+01	0.7225E-16		
		0.7860E+01	-0.2345E-19		
		0.8145E+01	-0.1109E-19		
		0.8429E+01	-0.4812E-20		
		0.8714E+01	-0.2944E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4694E-04		
		0.1800E+01	-0.1385E-04		
		0.3820E+01	-0.3367E-10		
		0.5840E+01	0.3231E-16		
		0.7860E+01	-0.1098E-19		
		0.8145E+01	-0.5266E-20		
		0.8429E+01	-0.2248E-20		
		0.8714E+01	-0.1332E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4241E-05		
		0.1800E+01	-0.1258E-05		
		0.3820E+01	-0.3099E-11		
		0.5840E+01	0.2545E-17		
		0.7860E+01	-0.1632E-20		
		0.8145E+01	-0.8937E-21		
		0.8429E+01	-0.3338E-21		
		0.8714E+01	-0.1384E-21		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9206E-03		
		0.1505E+01	-0.4014E-03		
		0.1800E+01	-0.1555E-03		
		0.3820E+01	-0.8083E-08		

		0.5840E+01	-0.2385E-14		
		0.7860E+01	0.5672E-18		
		0.8145E+01	0.8785E-18		
		0.8429E+01	0.8846E-18		
		0.8714E+01	0.8611E-18		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5241E-03		
		0.1505E+01	-0.2285E-03		
		0.1800E+01	-0.8859E-04		
		0.3820E+01	-0.4606E-08		
		0.5840E+01	-0.1361E-14		
		0.7860E+01	0.3877E-18		
		0.8145E+01	0.5631E-18		
		0.8429E+01	0.5634E-18		
		0.8714E+01	0.5485E-18		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4833E-03		
		0.1211E+01	-0.2364E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.3999E-04		
		0.3820E+01	-0.2082E-08		
		0.5840E+01	-0.6169E-15		
		0.7860E+01	0.2423E-18		
		0.8145E+01	0.3195E-18		
		0.8429E+01	0.3163E-18		
		0.8714E+01	0.3079E-18		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4378E-04		
		0.1211E+01	-0.2168E-04		
		0.1505E+01	-0.9548E-05		
		0.1800E+01	-0.3728E-05		
		0.3820E+01	-0.1981E-09		
		0.5840E+01	-0.6161E-16		
		0.7860E+01	0.1244E-18		
		0.8145E+01	0.1283E-18		
		0.8429E+01	0.1229E-18		
		0.8714E+01	0.1197E-18		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.1211E+01	-0.1300E-02		
		0.1505E+01	-0.6521E-03		
		0.1800E+01	-0.2982E-03		
		0.3820E+01	-0.9831E-07		
		0.5840E+01	-0.2421E-12		
		0.7860E+01	0.6177E-17		
		0.8145E+01	-0.3237E-17		
		0.8429E+01	-0.7077E-17		
		0.8714E+01	-0.8081E-17		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7405E-03		
		0.1505E+01	-0.3715E-03		
		0.1800E+01	-0.1700E-03		
		0.3820E+01	-0.5607E-07		
		0.5840E+01	-0.1381E-12		
		0.7860E+01	0.2605E-17		
		0.8145E+01	-0.2771E-17		
		0.8429E+01	-0.4994E-17		
		0.8714E+01	-0.5581E-17		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6091E-03		
		0.1211E+01	-0.3344E-03		
		0.1505E+01	-0.1679E-03		
		0.1800E+01	-0.7684E-04		
		0.3820E+01	-0.2539E-07		
		0.5840E+01	-0.6257E-13		
		0.7860E+01	0.2640E-18		
		0.8145E+01	-0.2176E-17		
		0.8429E+01	-0.3219E-17		
		0.8714E+01	-0.3499E-17		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9336E-04		
		0.9159E+00	-0.5608E-04		
		0.1211E+01	-0.3127E-04		
		0.1505E+01	-0.1588E-04		
		0.1800E+01	-0.7336E-05		
		0.3820E+01	-0.2492E-08		
		0.5840E+01	-0.6187E-14		
		0.7860E+01	-0.1338E-17		
		0.8145E+01	-0.1582E-17		
		0.8429E+01	-0.1737E-17		
		0.8714E+01	-0.1787E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.9079E-03		
		0.1800E+01	-0.4641E-03		
		0.3820E+01	-0.5269E-06		
		0.5840E+01	-0.1066E-10		
		0.7860E+01	0.2547E-16		
		0.8145E+01	0.5095E-16		
		0.8429E+01	0.5919E-16		
		0.8714E+01	0.6093E-16		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1583E-02		
		0.1211E+01	-0.9385E-03		
		0.1505E+01	-0.5175E-03		
		0.1800E+01	-0.2647E-03		
		0.3820E+01	-0.3007E-06		
		0.5840E+01	-0.6088E-11		
		0.7860E+01	0.2134E-16		
		0.8145E+01	0.3580E-16		
		0.8429E+01	0.4049E-16		
		0.8714E+01	0.4149E-16		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7146E-03		
		0.1211E+01	-0.4242E-03		
		0.1505E+01	-0.2341E-03		
		0.1800E+01	-0.1198E-03		
		0.3820E+01	-0.1364E-06		
		0.5840E+01	-0.2764E-11		
		0.7860E+01	0.1651E-16		
		0.8145E+01	0.2295E-16		
		0.8429E+01	0.2506E-16		
		0.8714E+01	0.2551E-16		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6677E-04		
		0.1211E+01	-0.4036E-04		
		0.1505E+01	-0.2260E-04		
		0.1800E+01	-0.1169E-04		
		0.3820E+01	-0.1378E-07		
		0.5840E+01	-0.2820E-12		
		0.7860E+01	0.1184E-16		
		0.8145E+01	0.1227E-16		
		0.8429E+01	0.1245E-16		
		0.8714E+01	0.1249E-16		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
^.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1155E-02		
		0.1800E+01	-0.6395E-03		
		0.3820E+01	-0.1761E-05		
		0.5840E+01	-0.1578E-09		
		0.7860E+01	-0.6586E-15		
		0.8145E+01	-0.4505E-15		
		0.8429E+01	-0.3449E-15		
		0.8714E+01	-0.3126E-15		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.6585E-03		
		0.1800E+01	-0.3648E-03		
		0.3820E+01	-0.1006E-05		
		0.5840E+01	-0.9018E-10		
		0.7860E+01	-0.4002E-15		
		0.8145E+01	-0.2809E-15		
		0.8429E+01	-0.2191E-15		
		0.8714E+01	-0.2000E-15		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8035E-03		
		0.1211E+01	-0.5047E-03		
		0.1505E+01	-0.2982E-03		
		0.1800E+01	-0.1654E-03		
		0.3820E+01	-0.4572E-06		
		0.5840E+01	-0.4102E-10		
		0.7860E+01	-0.2073E-15		
		0.8145E+01	-0.1524E-15		
		0.8429E+01	-0.1227E-15		
		0.8714E+01	-0.1133E-15		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7607E-04		
		0.1211E+01	-0.4879E-04		
		0.1505E+01	-0.2931E-04		
		0.1800E+01	-0.1646E-04		
		0.3820E+01	-0.4745E-07		
		0.5840E+01	-0.4312E-11		
		0.7860E+01	-0.5981E-16		
		0.8145E+01	-0.5295E-16		

		0.8429E+01	-0.4734E-16		
		0.8714E+01	-0.4531E-16		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3411E-02		
		0.1211E+01	-0.2231E-02		
		0.1505E+01	-0.1386E-02		
		0.1800E+01	-0.8153E-03		
		0.3820E+01	-0.4371E-05		
		0.5840E+01	-0.1198E-08		
		0.7860E+01	-0.4149E-14		
		0.8145E+01	-0.1417E-14		
		0.8429E+01	-0.4708E-15		
		0.8714E+01	-0.2457E-15		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1272E-02		
		0.1505E+01	-0.7908E-03		
		0.1800E+01	-0.4654E-03		
		0.3820E+01	-0.2498E-05		
		0.5840E+01	-0.6852E-09		
		0.7860E+01	-0.2435E-14		
		0.8145E+01	-0.8620E-15		
		0.8429E+01	-0.3085E-15		
		0.8714E+01	-0.1756E-15		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8790E-03		
		0.1211E+01	-0.5762E-03		
		0.1505E+01	-0.3585E-03		
		0.1800E+01	-0.2112E-03		
		0.3820E+01	-0.1138E-05		
		0.5840E+01	-0.3123E-09		
		0.7860E+01	-0.1166E-14		
		0.8145E+01	-0.4381E-15		
		0.8429E+01	-0.1728E-15		
		0.8714E+01	-0.1077E-15		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1200E-03		
		0.9159E+00	-0.8423E-04		
		0.1211E+01	-0.5652E-04		
		0.1505E+01	-0.3582E-04		
		0.1800E+01	-0.2142E-04		

		0.3820E+01	-0.1211E-06		
		0.5840E+01	-0.3377E-10		
		0.7860E+01	-0.2076E-15		
		0.8145E+01	-0.1128E-15		
		0.8429E+01	-0.6465E-16		
		0.8714E+01	-0.5091E-16		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7209E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3658E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1599E-02		
		0.1800E+01	-0.9863E-03		
		0.3820E+01	-0.8885E-05		
		0.5840E+01	-0.5817E-08		
		0.7860E+01	-0.8480E-13		
		0.8145E+01	-0.3575E-13		
		0.8429E+01	-0.1635E-13		
		0.8714E+01	-0.1126E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2987E-02		
		0.9159E+00	-0.2085E-02		
		0.1211E+01	-0.1411E-02		
		0.1505E+01	-0.9130E-03		
		0.1800E+01	-0.5633E-03		
		0.3820E+01	-0.5083E-05		
		0.5840E+01	-0.3330E-08		
		0.7860E+01	-0.4938E-13		
		0.8145E+01	-0.2118E-13		
		0.8429E+01	-0.9846E-14		
		0.8714E+01	-0.6843E-14		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1349E-02		
		0.9159E+00	-0.9437E-03		
		0.1211E+01	-0.6397E-03		
		0.1505E+01	-0.4144E-03		
		0.1800E+01	-0.2559E-03		
		0.3820E+01	-0.2318E-05		
		0.5840E+01	-0.1521E-08		
		0.7860E+01	-0.2344E-13		
		0.8145E+01	-0.1044E-13		
		0.8429E+01	-0.5014E-14		
		0.8714E+01	-0.3547E-14		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1263E-03		

		0.9159E+00	-0.9143E-04		
		0.1211E+01	-0.6360E-04		
		0.1505E+01	-0.4205E-04		
		0.1800E+01	-0.2640E-04		
		0.3820E+01	-0.2529E-06		
		0.5840E+01	-0.1689E-09		
		0.7860E+01	-0.3930E-14		
		0.8145E+01	-0.2302E-14		
		0.8429E+01	-0.1330E-14		
		0.8714E+01	-0.1023E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5427E-02		
		0.9159E+00	-0.3871E-02		
		0.1211E+01	-0.2689E-02		
		0.1505E+01	-0.1795E-02		
		0.1800E+01	-0.1149E-02		
		0.3820E+01	-0.1569E-04		
		0.5840E+01	-0.2062E-07		
		0.7860E+01	-0.7945E-12		
		0.8145E+01	-0.3615E-12		
		0.8429E+01	-0.1822E-12		
		0.8714E+01	-0.1338E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2207E-02		
		0.1211E+01	-0.1535E-02		
		0.1505E+01	-0.1025E-02		
		0.1800E+01	-0.6568E-03		
		0.3820E+01	-0.8983E-05		
		0.5840E+01	-0.1181E-07		
		0.7860E+01	-0.4654E-12		
		0.8145E+01	-0.2163E-12		
		0.8429E+01	-0.1114E-12		
		0.8714E+01	-0.8277E-13		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.9995E-03		
		0.1211E+01	-0.6961E-03		
		0.1505E+01	-0.4657E-03		
		0.1800E+01	-0.2987E-03		
		0.3820E+01	-0.4104E-05		
		0.5840E+01	-0.5406E-08		
		0.7860E+01	-0.2237E-12		
		0.8145E+01	-0.1086E-12		
		0.8429E+01	-0.5828E-13		
		0.8714E+01	-0.4426E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1695E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9784E-04		
		0.1211E+01	-0.7006E-04		
		0.1505E+01	-0.4794E-04		
		0.1800E+01	-0.3131E-04		
		0.3820E+01	-0.4580E-06		
		0.5840E+01	-0.6159E-09		
		0.7860E+01	-0.4154E-13		
		0.8145E+01	-0.2674E-13		
		0.8429E+01	-0.1748E-13		
		0.8714E+01	-0.1449E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.4056E-02		
		0.1211E+01	-0.2879E-02		
		0.1505E+01	-0.1974E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.2500E-04		
		0.5840E+01	-0.5814E-07		
		0.7860E+01	-0.4827E-11		
		0.8145E+01	-0.2293E-11		
		0.8429E+01	-0.1211E-11		
		0.8714E+01	-0.9136E-12		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4236E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1644E-02		
		0.1505E+01	-0.1128E-02		
		0.1800E+01	-0.7451E-03		
		0.3820E+01	-0.1432E-04		
		0.5840E+01	-0.3333E-07		
		0.7860E+01	-0.2839E-11		
		0.8145E+01	-0.1380E-11		
		0.8429E+01	-0.7458E-12		
		0.8714E+01	-0.5697E-12		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7463E-03		
		0.1505E+01	-0.5127E-03		
		0.1800E+01	-0.3392E-03		
		0.3820E+01	-0.6554E-05		
		0.5840E+01	-0.1528E-07		
		0.7860E+01	-0.1375E-11		

		0.8145E+01	-0.6997E-12		
		0.8429E+01	-0.3945E-12		
		0.8714E+01	-0.3079E-12		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1367E-03		
		0.9159E+00	-0.1036E-03		
		0.1211E+01	-0.7599E-04		
		0.1505E+01	-0.5348E-04		
		0.1800E+01	-0.3609E-04		
		0.3820E+01	-0.7474E-06		
		0.5840E+01	-0.1784E-08		
		0.7860E+01	-0.2699E-12		
		0.8145E+01	-0.1810E-12		
		0.8429E+01	-0.1237E-12		
		0.8714E+01	-0.1049E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5718E-02		
		0.9159E+00	-0.4217E-02		
		0.1211E+01	-0.3049E-02		
		0.1505E+01	-0.2136E-02		
		0.1800E+01	-0.1448E-02		
		0.3820E+01	-0.3686E-04		
		0.5840E+01	-0.1379E-06		
		0.7860E+01	-0.2163E-10		
		0.8145E+01	-0.1065E-10		
		0.8429E+01	-0.5835E-11		
		0.8714E+01	-0.4494E-11		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2406E-02		
		0.1211E+01	-0.1741E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.8279E-03		
		0.3820E+01	-0.2113E-04		
		0.5840E+01	-0.7914E-07		
		0.7860E+01	-0.1277E-10		
		0.8145E+01	-0.6435E-11		
		0.8429E+01	-0.3613E-11		
		0.8714E+01	-0.2818E-11		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.7911E-03		
		0.1505E+01	-0.5556E-03		

		0.1800E+01	-0.3773E-03		
		0.3820E+01	-0.9686E-05		
		0.5840E+01	-0.3634E-07		
		0.7860E+01	-0.6226E-11		
		0.8145E+01	-0.3289E-11		
		0.8429E+01	-0.1928E-11		
		0.8714E+01	-0.1536E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1410E-03		
		0.9159E+00	-0.1087E-03		
		0.1211E+01	-0.8142E-04		
		0.1505E+01	-0.5869E-04		
		0.1800E+01	-0.4071E-04		
		0.3820E+01	-0.1127E-05		
		0.5840E+01	-0.4342E-08		
		0.7860E+01	-0.1280E-11		
		0.8145E+01	-0.8849E-12		
		0.8429E+01	-0.6248E-12		
		0.8714E+01	-0.5386E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9707E-02		
		0.3063E+00	-0.7613E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4359E-02		
		0.1211E+01	-0.3201E-02		
		0.1505E+01	-0.2284E-02		
		0.1800E+01	-0.1582E-02		
		0.3820E+01	-0.5119E-04		
		0.5840E+01	-0.2864E-06		
		0.7860E+01	-0.7667E-10		
		0.8145E+01	-0.3884E-10		
		0.8429E+01	-0.2196E-10		
		0.8714E+01	-0.1720E-10		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4334E-02		
		0.6111E+00	-0.3326E-02		
		0.9159E+00	-0.2488E-02		
		0.1211E+01	-0.1828E-02		
		0.1505E+01	-0.1306E-02		
		0.1800E+01	-0.9051E-03		
		0.3820E+01	-0.2937E-04		
		0.5840E+01	-0.1645E-06		
		0.7860E+01	-0.4539E-10		
		0.8145E+01	-0.2357E-10		
		0.8429E+01	-0.1366E-10		
		0.8714E+01	-0.1083E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2478E-02		
		0.3063E+00	-0.1954E-02		

		0.6111E+00	-0.1505E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.8312E-03		
		0.1505E+01	-0.5948E-03		
		0.1800E+01	-0.4129E-03		
		0.3820E+01	-0.1348E-04		
		0.5840E+01	-0.7566E-07		
		0.7860E+01	-0.2228E-10		
		0.8145E+01	-0.1214E-10		
		0.8429E+01	-0.7344E-11		
		0.8714E+01	-0.5950E-11		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1784E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.8641E-04		
		0.1505E+01	-0.6357E-04		
		0.1800E+01	-0.4514E-04		
		0.3820E+01	-0.1600E-05		
		0.5840E+01	-0.9244E-08		
		0.7860E+01	-0.4773E-11		
		0.8145E+01	-0.3382E-11		
		0.8429E+01	-0.2451E-11		
		0.8714E+01	-0.2140E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7681E-02		
		0.6111E+00	-0.5938E-02		
		0.9159E+00	-0.4484E-02		
		0.1211E+01	-0.3337E-02		
		0.1505E+01	-0.2419E-02		
		0.1800E+01	-0.1707E-02		
		0.3820E+01	-0.6780E-04		
		0.5840E+01	-0.5354E-06		
		0.7860E+01	-0.2257E-09		
		0.8145E+01	-0.1171E-09		
		0.8429E+01	-0.6788E-10		
		0.8714E+01	-0.5388E-10		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2560E-02		
		0.1211E+01	-0.1907E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.9769E-03		
		0.3820E+01	-0.3892E-04		
		0.5840E+01	-0.3078E-06		
		0.7860E+01	-0.1340E-09		
		0.8145E+01	-0.7135E-10		
		0.8429E+01	-0.4241E-10		
		0.8714E+01	-0.3410E-10		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1972E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1162E-02		
		0.1211E+01	-0.8673E-03		
		0.1505E+01	-0.6307E-03		
		0.1800E+01	-0.4460E-03		
		0.3820E+01	-0.1789E-04		
		0.5840E+01	-0.1418E-06		
		0.7860E+01	-0.6616E-10		
		0.8145E+01	-0.3699E-10		
		0.8429E+01	-0.2297E-10		
		0.8714E+01	-0.1886E-10		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1807E-03		
		0.6111E+00	-0.1484E-03		
		0.9159E+00	-0.1177E-03		
		0.1211E+01	-0.9102E-04		
		0.1505E+01	-0.6815E-04		
		0.1800E+01	-0.4937E-04		
		0.3820E+01	-0.2164E-05		
		0.5840E+01	-0.1770E-07		
		0.7860E+01	-0.1471E-10		
		0.8145E+01	-0.1063E-10		
		0.8429E+01	-0.7865E-11		
		0.8714E+01	-0.6936E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6028E-02		
		0.9159E+00	-0.4596E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2542E-02		
		0.1800E+01	-0.1822E-02		
		0.3820E+01	-0.8645E-04		
		0.5840E+01	-0.9204E-06		
		0.7860E+01	-0.5724E-09		
		0.8145E+01	-0.3030E-09		
		0.8429E+01	-0.1793E-09		
		0.8714E+01	-0.1439E-09		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2624E-02		
		0.1211E+01	-0.1977E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.1044E-02		
		0.3820E+01	-0.4966E-04		
		0.5840E+01	-0.5294E-06		

		0.7860E+01	-0.3409E-09		
		0.8145E+01	-0.1853E-09		
		0.8429E+01	-0.1125E-09		
		0.8714E+01	-0.9141E-10		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1556E-02		
		0.9159E+00	-0.1191E-02		
		0.1211E+01	-0.8998E-03		
		0.1505E+01	-0.6635E-03		
		0.1800E+01	-0.4769E-03		
		0.3820E+01	-0.2286E-04		
		0.5840E+01	-0.2444E-06		
		0.7860E+01	-0.1692E-09		
		0.8145E+01	-0.9664E-10		
		0.8429E+01	-0.6131E-10		
		0.8714E+01	-0.5087E-10		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1515E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9528E-04		
		0.1505E+01	-0.7243E-04		
		0.1800E+01	-0.5341E-04		
		0.3820E+01	-0.2814E-05		
		0.5840E+01	-0.3114E-07		
		0.7860E+01	-0.3889E-10		
		0.8145E+01	-0.2853E-10		
		0.8429E+01	-0.2147E-10		
		0.8714E+01	-0.1908E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.1211E+01	-0.3569E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1930E-02		
		0.3820E+01	-0.1069E-03		
		0.5840E+01	-0.1477E-05		
		0.7860E+01	-0.1286E-08		
		0.8145E+01	-0.6922E-09		
		0.8429E+01	-0.4167E-09		
		0.8714E+01	-0.3373E-09		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2681E-02		
		0.1211E+01	-0.2040E-02		

		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1105E-02		
		0.3820E+01	-0.6143E-04		
		0.5840E+01	-0.8505E-06		
		0.7860E+01	-0.7683E-09		
		0.8145E+01	-0.4248E-09		
		0.8429E+01	-0.2624E-09		
		0.8714E+01	-0.2152E-09		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1218E-02		
		0.1211E+01	-0.9292E-03		
		0.1505E+01	-0.6935E-03		
		0.1800E+01	-0.5055E-03		
		0.3820E+01	-0.2832E-04		
		0.5840E+01	-0.3933E-06		
		0.7860E+01	-0.3833E-09		
		0.8145E+01	-0.2228E-09		
		0.8429E+01	-0.1439E-09		
		0.8714E+01	-0.1204E-09		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1544E-03		
		0.9159E+00	-0.1251E-03		
		0.1211E+01	-0.9922E-04		
		0.1505E+01	-0.7646E-04		
		0.1800E+01	-0.5725E-04		
		0.3820E+01	-0.3545E-05		
		0.5840E+01	-0.5109E-07		
		0.7860E+01	-0.9072E-10		
		0.8145E+01	-0.6736E-10		
		0.8429E+01	-0.5137E-10		
		0.8714E+01	-0.4596E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4785E-02		
		0.1211E+01	-0.3668E-02		
		0.1505E+01	-0.2757E-02		
		0.1800E+01	-0.2029E-02		
		0.3820E+01	-0.1288E-03		
		0.5840E+01	-0.2241E-05		
		0.7860E+01	-0.2616E-08		
		0.8145E+01	-0.1428E-08		
		0.8429E+01	-0.8720E-09		
		0.8714E+01	-0.7110E-09		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3524E-02		
		0.9159E+00	-0.2733E-02		
		0.1211E+01	-0.2098E-02		
		0.1505E+01	-0.1578E-02		
		0.1800E+01	-0.1163E-02		
		0.3820E+01	-0.7406E-04		
		0.5840E+01	-0.1291E-05		
		0.7860E+01	-0.1567E-08		
		0.8145E+01	-0.8790E-09		
		0.8429E+01	-0.5511E-09		
		0.8714E+01	-0.4552E-09		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1242E-02		
		0.1211E+01	-0.9559E-03		
		0.1505E+01	-0.7210E-03		
		0.1800E+01	-0.5322E-03		
		0.3820E+01	-0.3419E-04		
		0.5840E+01	-0.5980E-06		
		0.7860E+01	-0.7855E-09		
		0.8145E+01	-0.4635E-09		
		0.8429E+01	-0.3037E-09		
		0.8714E+01	-0.2560E-09		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1864E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1029E-03		
		0.1505E+01	-0.8023E-04		
		0.1800E+01	-0.6090E-04		
		0.3820E+01	-0.4350E-05		
		0.5840E+01	-0.7916E-07		
		0.7860E+01	-0.1909E-09		
		0.8145E+01	-0.1431E-09		
		0.8429E+01	-0.1103E-09		
		0.8714E+01	-0.9920E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7882E-02		
		0.6111E+00	-0.6243E-02		
		0.9159E+00	-0.4865E-02		
		0.1211E+01	-0.3759E-02		
		0.1505E+01	-0.2851E-02		
		0.1800E+01	-0.2121E-02		
		0.3820E+01	-0.1519E-03		
		0.5840E+01	-0.3242E-05		
		0.7860E+01	-0.4898E-08		
		0.8145E+01	-0.2705E-08		
		0.8429E+01	-0.1672E-08		

		0.8714E+01	-0.1372E-08		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4489E-02		
		0.6111E+00	-0.3561E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.2150E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.1216E-02		
		0.3820E+01	-0.8740E-04		
		0.5840E+01	-0.1869E-05		
		0.7860E+01	-0.2941E-08		
		0.8145E+01	-0.1670E-08		
		0.8429E+01	-0.1060E-08		
		0.8714E+01	-0.8810E-09		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1263E-02		
		0.1211E+01	-0.9802E-03		
		0.1505E+01	-0.7463E-03		
		0.1800E+01	-0.5569E-03		
		0.3820E+01	-0.4040E-04		
		0.5840E+01	-0.8673E-06		
		0.7860E+01	-0.1481E-08		
		0.8145E+01	-0.8848E-09		
		0.8429E+01	-0.5870E-09		
		0.8714E+01	-0.4978E-09		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1879E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1314E-03		
		0.1211E+01	-0.1063E-03		
		0.1505E+01	-0.8377E-04		
		0.1800E+01	-0.6436E-04		
		0.3820E+01	-0.5220E-05		
		0.5840E+01	-0.1169E-06		
		0.7860E+01	-0.3684E-09		
		0.8145E+01	-0.2784E-09		
		0.8429E+01	-0.2165E-09		
		0.8714E+01	-0.1955E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7919E-02		
		0.6111E+00	-0.6300E-02		
		0.9159E+00	-0.4937E-02		
		0.1211E+01	-0.3841E-02		
		0.1505E+01	-0.2938E-02		
		0.1800E+01	-0.2206E-02		
		0.3820E+01	-0.1759E-03		

		0.5840E+01	-0.4508E-05		
		0.7860E+01	-0.8551E-08		
		0.8145E+01	-0.4771E-08		
		0.8429E+01	-0.2979E-08		
		0.8714E+01	-0.2456E-08		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2821E-02		
		0.1211E+01	-0.2197E-02		
		0.1505E+01	-0.1683E-02		
		0.1800E+01	-0.1265E-02		
		0.3820E+01	-0.1013E-03		
		0.5840E+01	-0.2601E-05		
		0.7860E+01	-0.5145E-08		
		0.8145E+01	-0.2953E-08		
		0.8429E+01	-0.1895E-08		
		0.8714E+01	-0.1583E-08		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1629E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7695E-03		
		0.1800E+01	-0.5799E-03		
		0.3820E+01	-0.4688E-04		
		0.5840E+01	-0.1209E-05		
		0.7860E+01	-0.2602E-08		
		0.8145E+01	-0.1572E-08		
		0.8429E+01	-0.1054E-08		
		0.8714E+01	-0.8980E-09		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1616E-03		
		0.9159E+00	-0.1342E-03		
		0.1211E+01	-0.1094E-03		
		0.1505E+01	-0.8710E-04		
		0.1800E+01	-0.6766E-04		
		0.3820E+01	-0.6148E-05		
		0.5840E+01	-0.1658E-06		
		0.7860E+01	-0.6612E-09		
		0.8145E+01	-0.5028E-09		
		0.8429E+01	-0.3939E-09		
		0.8714E+01	-0.3569E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7953E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.5003E-02		

		0.1211E+01	-0.3915E-02		
		0.1505E+01	-0.3017E-02		
		0.1800E+01	-0.2285E-02		
		0.3820E+01	-0.2006E-03		
		0.5840E+01	-0.6058E-05		
		0.7860E+01	-0.1407E-07		
		0.8145E+01	-0.7918E-08		
		0.8429E+01	-0.4987E-08		
		0.8714E+01	-0.4130E-08		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5594E-02		
		0.3063E+00	-0.4530E-02		
		0.6111E+00	-0.3624E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2241E-02		
		0.1505E+01	-0.1728E-02		
		0.1800E+01	-0.1311E-02		
		0.3820E+01	-0.1156E-03		
		0.5840E+01	-0.3498E-05		
		0.7860E+01	-0.8483E-08		
		0.8145E+01	-0.4914E-08		
		0.8429E+01	-0.3181E-08		
		0.8714E+01	-0.2669E-08		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2514E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1643E-02		
		0.9159E+00	-0.1301E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.7910E-03		
		0.1800E+01	-0.6013E-03		
		0.3820E+01	-0.5357E-04		
		0.5840E+01	-0.1628E-05		
		0.7860E+01	-0.4306E-08		
		0.8145E+01	-0.2625E-08		
		0.8429E+01	-0.1776E-08		
		0.8714E+01	-0.1520E-08		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1636E-03		
		0.9159E+00	-0.1368E-03		
		0.1211E+01	-0.1124E-03		
		0.1505E+01	-0.9023E-04		
		0.1800E+01	-0.7078E-04		
		0.3820E+01	-0.7126E-05		
		0.5840E+01	-0.2271E-06		
		0.7860E+01	-0.1116E-08		
		0.8145E+01	-0.8528E-09		
		0.8429E+01	-0.6720E-09		
		0.8714E+01	-0.6105E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02		
		0.3063E+00	-0.7983E-02		
		0.6111E+00	-0.6398E-02		
		0.9159E+00	-0.5063E-02		
		0.1211E+01	-0.3984E-02		
		0.1505E+01	-0.3089E-02		
		0.1800E+01	-0.2359E-02		
		0.3820E+01	-0.2258E-03		
		0.5840E+01	-0.7908E-05		
		0.7860E+01	-0.2199E-07		
		0.8145E+01	-0.1247E-07		
		0.8429E+01	-0.7916E-08		
		0.8714E+01	-0.6580E-08		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.5600E-02		
		0.3063E+00	-0.4547E-02		
		0.6111E+00	-0.3651E-02		
		0.9159E+00	-0.2894E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1771E-02		
		0.1800E+01	-0.1353E-02		
		0.3820E+01	-0.1302E-03		
		0.5840E+01	-0.4570E-05		
		0.7860E+01	-0.1329E-07		
		0.8145E+01	-0.7760E-08		
		0.8429E+01	-0.5062E-08		
		0.8714E+01	-0.4263E-08		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2053E-02		
		0.6111E+00	-0.1655E-02		
		0.9159E+00	-0.1317E-02		
		0.1211E+01	-0.1041E-02		
		0.1505E+01	-0.8107E-03		
		0.1800E+01	-0.6212E-03		
		0.3820E+01	-0.6041E-04		
		0.5840E+01	-0.2130E-05		
		0.7860E+01	-0.6770E-08		
		0.8145E+01	-0.4161E-08		
		0.8429E+01	-0.2837E-08		
		0.8714E+01	-0.2437E-08		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1919E-03		
		0.6111E+00	-0.1655E-03		
		0.9159E+00	-0.1392E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9317E-04		
		0.1800E+01	-0.7375E-04		
		0.3820E+01	-0.8146E-05		
		0.5840E+01	-0.3020E-06		
		0.7860E+01	-0.1785E-08		
		0.8145E+01	-0.1370E-08		
		0.8429E+01	-0.1085E-08		
		0.8714E+01	-0.9882E-09		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8010E-02		
		0.6111E+00	-0.6440E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.4046E-02		
		0.1505E+01	-0.3157E-02		
		0.1800E+01	-0.2427E-02		
		0.3820E+01	-0.2513E-03		
		0.5840E+01	-0.1007E-04		
		0.7860E+01	-0.3291E-07		
		0.8145E+01	-0.1879E-07		
		0.8429E+01	-0.1200E-07		
		0.8714E+01	-0.1001E-07		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4563E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1393E-02		
		0.3820E+01	-0.1450E-03		
		0.5840E+01	-0.5821E-05		
		0.7860E+01	-0.1993E-07		
		0.8145E+01	-0.1172E-07		
		0.8429E+01	-0.7693E-08		
		0.8714E+01	-0.6500E-08		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1332E-02		
		0.1211E+01	-0.1058E-02		
		0.1505E+01	-0.8290E-03		
		0.1800E+01	-0.6397E-03		
		0.3820E+01	-0.6734E-04		
		0.5840E+01	-0.2718E-05		
		0.7860E+01	-0.1018E-07		
		0.8145E+01	-0.6304E-08		
		0.8429E+01	-0.4326E-08		
		0.8714E+01	-0.3728E-08		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1930E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9595E-04		
		0.1800E+01	-0.7657E-04		
		0.3820E+01	-0.9200E-05		
		0.5840E+01	-0.3914E-06		
		0.7860E+01	-0.2730E-08		
		0.8145E+01	-0.2102E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	-0.1671E-08		
		0.8714E+01	-0.1525E-08		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8035E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5166E-02		
		0.1211E+01	-0.4103E-02		
		0.1505E+01	-0.3218E-02		
		0.1800E+01	-0.2490E-02		
		0.3820E+01	-0.2769E-03		
		0.5840E+01	-0.1253E-04		
		0.7860E+01	-0.4741E-07		
		0.8145E+01	-0.2722E-07		
		0.8429E+01	-0.1748E-07		
		0.8714E+01	-0.1462E-07		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3697E-02		
		0.9159E+00	-0.2954E-02		
		0.1211E+01	-0.2350E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.1598E-03		
		0.5840E+01	-0.7254E-05		
		0.7860E+01	-0.2876E-07		
		0.8145E+01	-0.1701E-07		
		0.8429E+01	-0.1124E-07		
		0.8714E+01	-0.9519E-08		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1345E-02		
		0.1211E+01	-0.1074E-02		
		0.1505E+01	-0.8459E-03		
		0.1800E+01	-0.6570E-03		
		0.3820E+01	-0.7433E-04		
		0.5840E+01	-0.3392E-05		
		0.7860E+01	-0.1474E-07		
		0.8145E+01	-0.9181E-08		
		0.8429E+01	-0.6337E-08		
		0.8714E+01	-0.5475E-08		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1436E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7924E-04		

		0.3820E+01	-0.1028E-04		
		0.5840E+01	-0.4959E-06		
		0.7860E+01	-0.4011E-08		
		0.8145E+01	-0.3096E-08		
		0.8429E+01	-0.2470E-08		
		0.8714E+01	-0.2258E-08		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9881E-02		
		0.3063E+00	-0.8057E-02		
		0.6111E+00	-0.6513E-02		
		0.9159E+00	-0.5212E-02		
		0.1211E+01	-0.4156E-02		
		0.1505E+01	-0.3276E-02		
		0.1800E+01	-0.2549E-02		
		0.3820E+01	-0.3024E-03		
		0.5840E+01	-0.1531E-04		
		0.7860E+01	-0.6605E-07		
		0.8145E+01	-0.3811E-07		
		0.8429E+01	-0.2459E-07		
		0.8714E+01	-0.2061E-07		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2980E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1879E-02		
		0.1800E+01	-0.1464E-02		
		0.3820E+01	-0.1747E-03		
		0.5840E+01	-0.8868E-05		
		0.7860E+01	-0.4015E-07		
		0.8145E+01	-0.2387E-07		
		0.8429E+01	-0.1585E-07		
		0.8714E+01	-0.1346E-07		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1687E-02		
		0.9159E+00	-0.1358E-02		
		0.1211E+01	-0.1088E-02		
		0.1505E+01	-0.8615E-03		
		0.1800E+01	-0.6731E-03		
		0.3820E+01	-0.8132E-04		
		0.5840E+01	-0.4152E-05		
		0.7860E+01	-0.2064E-07		
		0.8145E+01	-0.1292E-07		
		0.8429E+01	-0.8964E-08		
		0.8714E+01	-0.7763E-08		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		

		0.9159E+00	-0.1455E-03		
		0.1211E+01	-0.1224E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8178E-04		
		0.3820E+01	-0.1139E-04		
		0.5840E+01	-0.6160E-06		
		0.7860E+01	-0.5692E-08		
		0.8145E+01	-0.4403E-08		
		0.8429E+01	-0.3523E-08		
		0.8714E+01	-0.3224E-08		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8078E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4204E-02		
		0.1505E+01	-0.3328E-02		
		0.1800E+01	-0.2603E-02		
		0.3820E+01	-0.3277E-03		
		0.5840E+01	-0.1839E-04		
		0.7860E+01	-0.8937E-07		
		0.8145E+01	-0.5177E-07		
		0.8429E+01	-0.3355E-07		
		0.8714E+01	-0.2817E-07		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4602E-02		
		0.6111E+00	-0.3736E-02		
		0.9159E+00	-0.3004E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1909E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.1894E-03		
		0.5840E+01	-0.1066E-04		
		0.7860E+01	-0.5442E-07		
		0.8145E+01	-0.3250E-07		
		0.8429E+01	-0.2168E-07		
		0.8714E+01	-0.1845E-07		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1101E-02		
		0.1505E+01	-0.8760E-03		
		0.1800E+01	-0.6881E-03		
		0.3820E+01	-0.8828E-04		
		0.5840E+01	-0.4998E-05		
		0.7860E+01	-0.2806E-07		
		0.8145E+01	-0.1765E-07		
		0.8429E+01	-0.1229E-07		
		0.8714E+01	-0.1067E-07		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1474E-03		
		0.1211E+01	-0.1246E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8419E-04		
		0.3820E+01	-0.1251E-04		
		0.5840E+01	-0.7519E-06		
		0.7860E+01	-0.7836E-08		
		0.8145E+01	-0.6070E-08		
		0.8429E+01	-0.4869E-08		
		0.8714E+01	-0.4461E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8097E-02		
		0.6111E+00	-0.6574E-02		
		0.9159E+00	-0.5291E-02		
		0.1211E+01	-0.4249E-02		
		0.1505E+01	-0.3377E-02		
		0.1800E+01	-0.2654E-02		
		0.3820E+01	-0.3528E-03		
		0.5840E+01	-0.2176E-04		
		0.7860E+01	-0.1178E-06		
		0.8145E+01	-0.6849E-07		
		0.8429E+01	-0.4454E-07		
		0.8714E+01	-0.3746E-07		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5626E-02		
		0.3063E+00	-0.4613E-02		
		0.6111E+00	-0.3753E-02		
		0.9159E+00	-0.3026E-02		
		0.1211E+01	-0.2434E-02		
		0.1505E+01	-0.1938E-02		
		0.1800E+01	-0.1525E-02		
		0.3820E+01	-0.2040E-03		
		0.5840E+01	-0.1262E-04		
		0.7860E+01	-0.7188E-07		
		0.8145E+01	-0.4311E-07		
		0.8429E+01	-0.2886E-07		
		0.8714E+01	-0.2461E-07		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2529E-02		
		0.3063E+00	-0.2084E-02		
		0.6111E+00	-0.1704E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1114E-02		
		0.1505E+01	-0.8895E-03		
		0.1800E+01	-0.7021E-03		
		0.3820E+01	-0.9519E-04		
		0.5840E+01	-0.5925E-05		
		0.7860E+01	-0.3716E-07		

		0.8145E+01	-0.2346E-07		
		0.8429E+01	-0.1641E-07		
		0.8714E+01	-0.1427E-07		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1731E-03		
		0.9159E+00	-0.1491E-03		
		0.1211E+01	-0.1266E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8648E-04		
		0.3820E+01	-0.1364E-04		
		0.5840E+01	-0.9037E-06		
		0.7860E+01	-0.1050E-07		
		0.8145E+01	-0.8144E-08		
		0.8429E+01	-0.6545E-08		
		0.8714E+01	-0.6003E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6596E-02		
		0.9159E+00	-0.5319E-02		
		0.1211E+01	-0.4282E-02		
		0.1505E+01	-0.3414E-02		
		0.1800E+01	-0.2692E-02		
		0.3820E+01	-0.3726E-03		
		0.5840E+01	-0.2465E-04		
		0.7860E+01	-0.1445E-06		
		0.8145E+01	-0.8422E-07		
		0.8429E+01	-0.5488E-07		
		0.8714E+01	-0.4620E-07		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3766E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2454E-02		
		0.1505E+01	-0.1959E-02		
		0.1800E+01	-0.1547E-02		
		0.3820E+01	-0.2155E-03		
		0.5840E+01	-0.1430E-04		
		0.7860E+01	-0.8832E-07		
		0.8145E+01	-0.5312E-07		
		0.8429E+01	-0.3567E-07		
		0.8714E+01	-0.3045E-07		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1710E-02		
		0.9159E+00	-0.1387E-02		
		0.1211E+01	-0.1123E-02		
		0.1505E+01	-0.8996E-03		

		0.1800E+01	-0.7126E-03		
		0.3820E+01	-0.1007E-03		
		0.5840E+01	-0.6725E-05		
		0.7860E+01	-0.4575E-07		
		0.8145E+01	-0.2897E-07		
		0.8429E+01	-0.2032E-07		
		0.8714E+01	-0.1769E-07		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1974E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1281E-03		
		0.1505E+01	-0.1072E-03		
		0.1800E+01	-0.8824E-04		
		0.3820E+01	-0.1454E-04		
		0.5840E+01	-0.1037E-05		
		0.7860E+01	-0.1304E-07		
		0.8145E+01	-0.1012E-07		
		0.8429E+01	-0.8145E-08		
		0.8714E+01	-0.7476E-08		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*             ANALYSIS      COMPLETED            *
*                                                *
*           TIME     -       10:47: 1            *
*           EXECUTION TIME    0: 2: 0            *
*                                                *
*                                                *
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CLR23

Lower Radnor Till Sand
Thickness = 0.061 m
(Site Minimum)

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*************************************************************
*                                                           *
*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                  RUN DATE -   17-11- 8                    *
*                  TIME     -   11: 5:23                    *
*                                                           *
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****
Clinton LF No. 3 (CWU) CLR23 (LRTS 0.061 m)
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SURFACE BOUNDARY

SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY

BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX

LAYER	DISPERSION COEFF. VERT.	HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0003	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0003	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.20E-01
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.20E-01
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0003	0.20E-01

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1738E+02	0.0000E+00
		0.1500E-02	-0.7499E-02		
		0.3063E+00	-0.2824E-02		
		0.6111E+00	-0.6838E-03		
		0.9159E+00	-0.1017E-03		
		0.1211E+01	-0.9857E-05		
		0.1505E+01	-0.5794E-06		
		0.1800E+01	-0.2041E-07		
		0.3820E+01	-0.3180E-18		
		0.5840E+01	-0.2230E-23		
		0.7860E+01	-0.2841E-32		
		0.7880E+01	-0.2840E-32		
		0.7900E+01	-0.2839E-32		
		0.7921E+01	-0.2839E-32		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.4259E-02		
		0.3063E+00	-0.1604E-02		
		0.6111E+00	-0.3885E-03		
		0.9159E+00	-0.5777E-04		
		0.1211E+01	-0.5601E-05		

		0.1505E+01	-0.3293E-06		
		0.1800E+01	-0.1160E-07		
		0.3820E+01	-0.1711E-18		
		0.5840E+01	-0.1270E-23		
		0.7860E+01	-0.2018E-32		
		0.7880E+01	-0.2017E-32		
		0.7900E+01	-0.2017E-32		
		0.7921E+01	-0.2016E-32		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1910E-02		
		0.3063E+00	-0.7200E-03		
		0.6111E+00	-0.1744E-03		
		0.9159E+00	-0.2594E-04		
		0.1211E+01	-0.2515E-05		
		0.1505E+01	-0.1479E-06		
		0.1800E+01	-0.5209E-08		
		0.3820E+01	-0.6657E-19		
		0.5840E+01	-0.5735E-24		
		0.7860E+01	-0.1298E-32		
		0.7880E+01	-0.1298E-32		
		0.7900E+01	-0.1297E-32		
		0.7921E+01	-0.1297E-32		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1738E+02	0.0000E+00
		0.1500E-02	-0.1577E-03		
		0.3063E+00	-0.6032E-04		
		0.6111E+00	-0.1473E-04		
		0.9159E+00	-0.2199E-05		
		0.1211E+01	-0.2138E-06		
		0.1505E+01	-0.1259E-07		
		0.1800E+01	-0.4439E-09		
		0.3820E+01	0.1047E-19		
		0.5840E+01	-0.5363E-25		
		0.7860E+01	-0.6923E-33		
		0.7880E+01	-0.6917E-33		
		0.7900E+01	-0.6913E-33		
		0.7921E+01	-0.6911E-33		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2799E+02	0.0000E+00
		0.1500E-02	-0.8352E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.1920E-02		
		0.9159E+00	-0.6566E-03		
		0.1211E+01	-0.1841E-03		
		0.1505E+01	-0.4058E-04		
		0.1800E+01	-0.6986E-05		
		0.3820E+01	-0.3643E-13		
		0.5840E+01	0.1296E-17		
		0.7860E+01	-0.5148E-23		
		0.7880E+01	-0.5127E-23		
		0.7900E+01	-0.5115E-23		
		0.7921E+01	-0.5111E-23		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.4743E-02		

		0.3063E+00	-0.2529E-02		
		0.6111E+00	-0.1091E-02		
		0.9159E+00	-0.3733E-03		
		0.1211E+01	-0.1047E-03		
		0.1505E+01	-0.2308E-04		
		0.1800E+01	-0.3973E-05		
		0.3820E+01	-0.2073E-13		
		0.5840E+01	0.7364E-18		
		0.7860E+01	-0.3301E-23		
		0.7880E+01	-0.3289E-23		
		0.7900E+01	-0.3282E-23		
		0.7921E+01	-0.3280E-23		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2799E+02	0.0000E+00
		0.1500E-02	-0.2127E-02		
		0.3063E+00	-0.1136E-02		
		0.6111E+00	-0.4904E-03		
		0.9159E+00	-0.1679E-03		
		0.1211E+01	-0.4708E-04		
		0.1505E+01	-0.1038E-04		
		0.1800E+01	-0.1788E-05		
		0.3820E+01	-0.9337E-14		
		0.5840E+01	0.3306E-18		
		0.7860E+01	-0.1806E-23		
		0.7880E+01	-0.1801E-23		
		0.7900E+01	-0.1798E-23		
		0.7921E+01	-0.1797E-23		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2799E+02	0.0000E+00
		0.1500E-02	-0.1766E-03		
		0.3063E+00	-0.9651E-04		
		0.6111E+00	-0.4229E-04		
		0.9159E+00	-0.1461E-04		
		0.1211E+01	-0.4121E-05		
		0.1505E+01	-0.9126E-06		
		0.1800E+01	-0.1576E-06		
		0.3820E+01	-0.8377E-15		
		0.5840E+01	0.2801E-19		
		0.7860E+01	-0.6373E-24		
		0.7880E+01	-0.6368E-24		
		0.7900E+01	-0.6366E-24		
		0.7921E+01	-0.6365E-24		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3655E+02	0.0000E+00
		0.1500E-02	-0.8764E-02		
		0.3063E+00	-0.5347E-02		
		0.6111E+00	-0.2847E-02		
		0.9159E+00	-0.1306E-02		
		0.1211E+01	-0.5285E-03		
		0.1505E+01	-0.1831E-03		
		0.1800E+01	-0.5399E-04		
		0.3820E+01	-0.1311E-09		
		0.5840E+01	0.1274E-15		
		0.7860E+01	-0.2465E-19		
		0.7880E+01	-0.2456E-19		
		0.7900E+01	-0.2451E-19		

		0.7921E+01	-0.2450E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.4978E-02		
		0.3063E+00	-0.3039E-02		
		0.6111E+00	-0.1619E-02		
		0.9159E+00	-0.7430E-03		
		0.1211E+01	-0.3007E-03		
		0.1505E+01	-0.1042E-03		
		0.1800E+01	-0.3073E-04		
		0.3820E+01	-0.7464E-10		
		0.5840E+01	0.7225E-16		
		0.7860E+01	-0.1363E-19		
		0.7880E+01	-0.1358E-19		
		0.7900E+01	-0.1355E-19		
		0.7921E+01	-0.1354E-19		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3655E+02	0.0000E+00
		0.1500E-02	-0.2233E-02		
		0.3063E+00	-0.1366E-02		
		0.6111E+00	-0.7284E-03		
		0.9159E+00	-0.3345E-03		
		0.1211E+01	-0.1355E-03		
		0.1505E+01	-0.4694E-04		
		0.1800E+01	-0.1385E-04		
		0.3820E+01	-0.3367E-10		
		0.5840E+01	0.3231E-16		
		0.7860E+01	-0.7759E-20		
		0.7880E+01	-0.7737E-20		
		0.7900E+01	-0.7723E-20		
		0.7921E+01	-0.7719E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3655E+02	0.0000E+00
		0.1500E-02	-0.1862E-03		
		0.3063E+00	-0.1174E-03		
		0.6111E+00	-0.6388E-04		
		0.9159E+00	-0.2974E-04		
		0.1211E+01	-0.1216E-04		
		0.1505E+01	-0.4241E-05		
		0.1800E+01	-0.1258E-05		
		0.3820E+01	-0.3099E-11		
		0.5840E+01	0.2545E-17		
		0.7860E+01	-0.2798E-20		
		0.7880E+01	-0.2796E-20		
		0.7900E+01	-0.2794E-20		
		0.7921E+01	-0.2794E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4394E+02	0.0000E+00
		0.1500E-02	-0.9016E-02		
		0.3063E+00	-0.5924E-02		
		0.6111E+00	-0.3527E-02		
		0.9159E+00	-0.1884E-02		
		0.1211E+01	-0.9206E-03		
		0.1505E+01	-0.4014E-03		
		0.1800E+01	-0.1555E-03		
		0.3820E+01	-0.8083E-08		

		0.5840E+01	-0.2385E-14		
		0.7860E+01	0.1344E-17		
		0.7880E+01	0.1347E-17		
		0.7900E+01	0.1348E-17		
		0.7921E+01	0.1349E-17		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.5122E-02		
		0.3063E+00	-0.3368E-02		
		0.6111E+00	-0.2007E-02		
		0.9159E+00	-0.1072E-02		
		0.1211E+01	-0.5241E-03		
		0.1505E+01	-0.2285E-03		
		0.1800E+01	-0.8859E-04		
		0.3820E+01	-0.4606E-08		
		0.5840E+01	-0.1361E-14		
		0.7860E+01	-0.2852E-18		
		0.7880E+01	-0.2841E-18		
		0.7900E+01	-0.2835E-18		
		0.7921E+01	-0.2832E-18		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4394E+02	0.0000E+00
		0.1500E-02	-0.2298E-02		
		0.3063E+00	-0.1514E-02		
		0.6111E+00	-0.9034E-03		
		0.9159E+00	-0.4833E-03		
		0.1211E+01	-0.2364E-03		
		0.1505E+01	-0.1031E-03		
		0.1800E+01	-0.3999E-04		
		0.3820E+01	-0.2082E-08		
		0.5840E+01	-0.6169E-15		
		0.7860E+01	-0.1823E-18		
		0.7880E+01	-0.1819E-18		
		0.7900E+01	-0.1816E-18		
		0.7921E+01	-0.1816E-18		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4394E+02	0.0000E+00
		0.1500E-02	-0.1923E-03		
		0.3063E+00	-0.1314E-03		
		0.6111E+00	-0.8038E-04		
		0.9159E+00	-0.4378E-04		
		0.1211E+01	-0.2168E-04		
		0.1505E+01	-0.9548E-05		
		0.1800E+01	-0.3728E-05		
		0.3820E+01	-0.1981E-09		
		0.5840E+01	-0.6161E-16		
		0.7860E+01	-0.3744E-19		
		0.7880E+01	-0.3748E-19		
		0.7900E+01	-0.3751E-19		
		0.7921E+01	-0.3752E-19		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5056E+02	0.0000E+00
		0.1500E-02	-0.9188E-02		
		0.3063E+00	-0.6331E-02		
		0.6111E+00	-0.4042E-02		
		0.9159E+00	-0.2372E-02		

		0.1211E+01	-0.1300E-02		
		0.1505E+01	-0.6521E-03		
		0.1800E+01	-0.2982E-03		
		0.3820E+01	-0.9831E-07		
		0.5840E+01	-0.2421E-12		
		0.7860E+01	-0.4064E-16		
		0.7880E+01	-0.4070E-16		
		0.7900E+01	-0.4074E-16		
		0.7921E+01	-0.4075E-16		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.5220E-02		
		0.3063E+00	-0.3600E-02		
		0.6111E+00	-0.2300E-02		
		0.9159E+00	-0.1350E-02		
		0.1211E+01	-0.7405E-03		
		0.1505E+01	-0.3715E-03		
		0.1800E+01	-0.1700E-03		
		0.3820E+01	-0.5607E-07		
		0.5840E+01	-0.1381E-12		
		0.7860E+01	0.6732E-17		
		0.7880E+01	0.6704E-17		
		0.7900E+01	0.6687E-17		
		0.7921E+01	0.6681E-17		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5056E+02	0.0000E+00
		0.1500E-02	-0.2342E-02		
		0.3063E+00	-0.1619E-02		
		0.6111E+00	-0.1036E-02		
		0.9159E+00	-0.6091E-03		
		0.1211E+01	-0.3344E-03		
		0.1505E+01	-0.1679E-03		
		0.1800E+01	-0.7684E-04		
		0.3820E+01	-0.2539E-07		
		0.5840E+01	-0.6257E-13		
		0.7860E+01	0.6030E-17		
		0.7880E+01	0.6020E-17		
		0.7900E+01	0.6014E-17		
		0.7921E+01	0.6012E-17		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5056E+02	0.0000E+00
		0.1500E-02	-0.1967E-03		
		0.3063E+00	-0.1416E-03		
		0.6111E+00	-0.9336E-04		
		0.9159E+00	-0.5608E-04		
		0.1211E+01	-0.3127E-04		
		0.1505E+01	-0.1588E-04		
		0.1800E+01	-0.7336E-05		
		0.3820E+01	-0.2492E-08		
		0.5840E+01	-0.6187E-14		
		0.7860E+01	0.1627E-17		
		0.7880E+01	0.1627E-17		
		0.7900E+01	0.1627E-17		
		0.7921E+01	0.1627E-17		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5662E+02	0.0000E+00

		0.1500E-02	-0.9313E-02		
		0.3063E+00	-0.6634E-02		
		0.6111E+00	-0.4443E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.9079E-03		
		0.1800E+01	-0.4641E-03		
		0.3820E+01	-0.5269E-06		
		0.5840E+01	-0.1066E-10		
		0.7860E+01	0.3105E-15		
		0.7880E+01	0.3108E-15		
		0.7900E+01	0.3110E-15		
		0.7921E+01	0.3111E-15		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.5291E-02		
		0.3063E+00	-0.3773E-02		
		0.6111E+00	-0.2529E-02		
		0.9159E+00	-0.1583E-02		
		0.1211E+01	-0.9385E-03		
		0.1505E+01	-0.5175E-03		
		0.1800E+01	-0.2647E-03		
		0.3820E+01	-0.3007E-06		
		0.5840E+01	-0.6088E-11		
		0.7860E+01	-0.7747E-16		
		0.7880E+01	-0.7738E-16		
		0.7900E+01	-0.7732E-16		
		0.7921E+01	-0.7730E-16		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1698E-02		
		0.6111E+00	-0.1140E-02		
		0.9159E+00	-0.7146E-03		
		0.1211E+01	-0.4242E-03		
		0.1505E+01	-0.2341E-03		
		0.1800E+01	-0.1198E-03		
		0.3820E+01	-0.1364E-06		
		0.5840E+01	-0.2764E-11		
		0.7860E+01	-0.4474E-16		
		0.7880E+01	-0.4472E-16		
		0.7900E+01	-0.4471E-16		
		0.7921E+01	-0.4470E-16		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5662E+02	0.0000E+00
		0.1500E-02	-0.2000E-03		
		0.3063E+00	-0.1496E-03		
		0.6111E+00	-0.1039E-03		
		0.9159E+00	-0.6677E-04		
		0.1211E+01	-0.4036E-04		
		0.1505E+01	-0.2260E-04		
		0.1800E+01	-0.1169E-04		
		0.3820E+01	-0.1378E-07		
		0.5840E+01	-0.2820E-12		
		0.7860E+01	-0.6891E-17		
		0.7880E+01	-0.6896E-17		
		0.7900E+01	-0.6899E-17		
		0.7921E+01	-0.6900E-17		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6224E+02	0.0000E+00
		0.1500E-02	-0.9409E-02		
		0.3063E+00	-0.6869E-02		
		0.6111E+00	-0.4763E-02		
		0.9159E+00	-0.3121E-02		
		0.1211E+01	-0.1957E-02		
		0.1505E+01	-0.1155E-02		
		0.1800E+01	-0.6395E-03		
		0.3820E+01	-0.1761E-05		
		0.5840E+01	-0.1578E-09		
		0.7860E+01	0.2069E-15		
		0.7880E+01	0.2071E-15		
		0.7900E+01	0.2072E-15		
		0.7921E+01	0.2072E-15		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.5346E-02		
		0.3063E+00	-0.3907E-02		
		0.6111E+00	-0.2712E-02		
		0.9159E+00	-0.1778E-02		
		0.1211E+01	-0.1115E-02		
		0.1505E+01	-0.6585E-03		
		0.1800E+01	-0.3648E-03		
		0.3820E+01	-0.1006E-05		
		0.5840E+01	-0.9018E-10		
		0.7860E+01	0.5881E-15		
		0.7880E+01	0.5887E-15		
		0.7900E+01	0.5890E-15		
		0.7921E+01	0.5891E-15		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2400E-02		
		0.3063E+00	-0.1759E-02		
		0.6111E+00	-0.1223E-02		
		0.9159E+00	-0.8035E-03		
		0.1211E+01	-0.5047E-03		
		0.1505E+01	-0.2982E-03		
		0.1800E+01	-0.1654E-03		
		0.3820E+01	-0.4572E-06		
		0.5840E+01	-0.4102E-10		
		0.7860E+01	0.6105E-16		
		0.7880E+01	0.6135E-16		
		0.7900E+01	0.6153E-16		
		0.7921E+01	0.6159E-16		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6224E+02	0.0000E+00
		0.1500E-02	-0.2026E-03		
		0.3063E+00	-0.1560E-03		
		0.6111E+00	-0.1126E-03		
		0.9159E+00	-0.7607E-04		
		0.1211E+01	-0.4879E-04		
		0.1505E+01	-0.2931E-04		
		0.1800E+01	-0.1646E-04		
		0.3820E+01	-0.4745E-07		
		0.5840E+01	-0.4312E-11		
		0.7860E+01	-0.5219E-16		
		0.7880E+01	-0.5215E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.7900E+01	-0.5212E-16		
		0.7921E+01	-0.5212E-16		
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6751E+02	0.0000E+00
		0.1500E-02	-0.9485E-02		
		0.3063E+00	-0.7056E-02		
		0.6111E+00	-0.5026E-02		
		0.9159E+00	-0.3411E-02		
		0.1211E+01	-0.2231E-02		
		0.1505E+01	-0.1386E-02		
		0.1800E+01	-0.8153E-03		
		0.3820E+01	-0.4371E-05		
		0.5840E+01	-0.1198E-08		
		0.7860E+01	-0.1112E-13		
		0.7880E+01	-0.1111E-13		
		0.7900E+01	-0.1110E-13		
		0.7921E+01	-0.1110E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.5390E-02		
		0.3063E+00	-0.4014E-02		
		0.6111E+00	-0.2862E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1272E-02		
		0.1505E+01	-0.7908E-03		
		0.1800E+01	-0.4654E-03		
		0.3820E+01	-0.2498E-05		
		0.5840E+01	-0.6852E-09		
		0.7860E+01	-0.3307E-14		
		0.7880E+01	-0.3300E-14		
		0.7900E+01	-0.3297E-14		
		0.7921E+01	-0.3295E-14		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2420E-02		
		0.3063E+00	-0.1808E-02		
		0.6111E+00	-0.1292E-02		
		0.9159E+00	-0.8790E-03		
		0.1211E+01	-0.5762E-03		
		0.1505E+01	-0.3585E-03		
		0.1800E+01	-0.2112E-03		
		0.3820E+01	-0.1138E-05		
		0.5840E+01	-0.3123E-09		
		0.7860E+01	-0.5448E-15		
		0.7880E+01	-0.5418E-15		
		0.7900E+01	-0.5399E-15		
		0.7921E+01	-0.5393E-15		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6751E+02	0.0000E+00
		0.1500E-02	-0.2047E-03		
		0.3063E+00	-0.1612E-03		
		0.6111E+00	-0.1200E-03		
		0.9159E+00	-0.8423E-04		
		0.1211E+01	-0.5652E-04		
		0.1505E+01	-0.3582E-04		
		0.1800E+01	-0.2142E-04		

		0.3820E+01	-0.1211E-06		
		0.5840E+01	-0.3377E-10		
		0.7860E+01	-0.5862E-16		
		0.7880E+01	-0.5835E-16		
		0.7900E+01	-0.5820E-16		
		0.7921E+01	-0.5814E-16		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7250E+02	0.0000E+00
		0.1500E-02	-0.9547E-02		
		0.3063E+00	-0.7209E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3658E-02		
		0.1211E+01	-0.2474E-02		
		0.1505E+01	-0.1599E-02		
		0.1800E+01	-0.9863E-03		
		0.3820E+01	-0.8885E-05		
		0.5840E+01	-0.5817E-08		
		0.7860E+01	-0.4514E-13		
		0.7880E+01	-0.4491E-13		
		0.7900E+01	-0.4477E-13		
		0.7921E+01	-0.4472E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.5425E-02		
		0.3063E+00	-0.4102E-02		
		0.6111E+00	-0.2987E-02		
		0.9159E+00	-0.2085E-02		
		0.1211E+01	-0.1411E-02		
		0.1505E+01	-0.9130E-03		
		0.1800E+01	-0.5633E-03		
		0.3820E+01	-0.5083E-05		
		0.5840E+01	-0.3330E-08		
		0.7860E+01	-0.3879E-13		
		0.7880E+01	-0.3866E-13		
		0.7900E+01	-0.3859E-13		
		0.7921E+01	-0.3856E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2436E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1349E-02		
		0.9159E+00	-0.9437E-03		
		0.1211E+01	-0.6397E-03		
		0.1505E+01	-0.4144E-03		
		0.1800E+01	-0.2559E-03		
		0.3820E+01	-0.2318E-05		
		0.5840E+01	-0.1521E-08		
		0.7860E+01	-0.2012E-13		
		0.7880E+01	-0.2007E-13		
		0.7900E+01	-0.2003E-13		
		0.7921E+01	-0.2002E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7250E+02	0.0000E+00
		0.1500E-02	-0.2065E-03		
		0.3063E+00	-0.1657E-03		
		0.6111E+00	-0.1263E-03		

		0.9159E+00	-0.9143E-04		
		0.1211E+01	-0.6360E-04		
		0.1505E+01	-0.4205E-04		
		0.1800E+01	-0.2640E-04		
		0.3820E+01	-0.2529E-06		
		0.5840E+01	-0.1689E-09		
		0.7860E+01	-0.6040E-14		
		0.7880E+01	-0.6036E-14		
		0.7900E+01	-0.6034E-14		
		0.7921E+01	-0.6033E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7724E+02	0.0000E+00
		0.1500E-02	-0.9597E-02		
		0.3063E+00	-0.7336E-02		
		0.6111E+00	-0.5427E-02		
		0.9159E+00	-0.3871E-02		
		0.1211E+01	-0.2689E-02		
		0.1505E+01	-0.1795E-02		
		0.1800E+01	-0.1149E-02		
		0.3820E+01	-0.1569E-04		
		0.5840E+01	-0.2062E-07		
		0.7860E+01	-0.3495E-12		
		0.7880E+01	-0.3476E-12		
		0.7900E+01	-0.3464E-12		
		0.7921E+01	-0.3460E-12		
5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.5454E-02		
		0.3063E+00	-0.4175E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2207E-02		
		0.1211E+01	-0.1535E-02		
		0.1505E+01	-0.1025E-02		
		0.1800E+01	-0.6568E-03		
		0.3820E+01	-0.8983E-05		
		0.5840E+01	-0.1181E-07		
		0.7860E+01	-0.2772E-12		
		0.7880E+01	-0.2761E-12		
		0.7900E+01	-0.2755E-12		
		0.7921E+01	-0.2753E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2449E-02		
		0.3063E+00	-0.1881E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.9995E-03		
		0.1211E+01	-0.6961E-03		
		0.1505E+01	-0.4657E-03		
		0.1800E+01	-0.2987E-03		
		0.3820E+01	-0.4104E-05		
		0.5840E+01	-0.5406E-08		
		0.7860E+01	-0.1606E-12		
		0.7880E+01	-0.1601E-12		
		0.7900E+01	-0.1598E-12		
		0.7921E+01	-0.1597E-12		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7724E+02	0.0000E+00
		0.1500E-02	-0.2080E-03		
		0.3063E+00	-0.1695E-03		
		0.6111E+00	-0.1319E-03		
		0.9159E+00	-0.9784E-04		
		0.1211E+01	-0.7006E-04		
		0.1505E+01	-0.4794E-04		
		0.1800E+01	-0.3131E-04		
		0.3820E+01	-0.4580E-06		
		0.5840E+01	-0.6159E-09		
		0.7860E+01	-0.5606E-13		
		0.7880E+01	-0.5602E-13		
		0.7900E+01	-0.5599E-13		
		0.7921E+01	-0.5599E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8177E+02	0.0000E+00
		0.1500E-02	-0.9640E-02		
		0.3063E+00	-0.7443E-02		
		0.6111E+00	-0.5584E-02		
		0.9159E+00	-0.4056E-02		
		0.1211E+01	-0.2879E-02		
		0.1505E+01	-0.1974E-02		
		0.1800E+01	-0.1303E-02		
		0.3820E+01	-0.2500E-04		
		0.5840E+01	-0.5814E-07		
		0.7860E+01	-0.1843E-11		
		0.7880E+01	-0.1831E-11		
		0.7900E+01	-0.1824E-11		
		0.7921E+01	-0.1822E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.5478E-02		
		0.3063E+00	-0.4236E-02		
		0.6111E+00	-0.3182E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1644E-02		
		0.1505E+01	-0.1128E-02		
		0.1800E+01	-0.7451E-03		
		0.3820E+01	-0.1432E-04		
		0.5840E+01	-0.3333E-07		
		0.7860E+01	-0.1580E-11		
		0.7880E+01	-0.1574E-11		
		0.7900E+01	-0.1570E-11		
		0.7921E+01	-0.1569E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2460E-02		
		0.3063E+00	-0.1909E-02		
		0.6111E+00	-0.1438E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7463E-03		
		0.1505E+01	-0.5127E-03		
		0.1800E+01	-0.3392E-03		
		0.3820E+01	-0.6554E-05		
		0.5840E+01	-0.1528E-07		
		0.7860E+01	-0.9060E-12		

		0.7880E+01	-0.9032E-12		
		0.7900E+01	-0.9015E-12		
		0.7921E+01	-0.9009E-12		
5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8177E+02	0.0000E+00
		0.1500E-02	-0.2093E-03		
		0.3063E+00	-0.1728E-03		
		0.6111E+00	-0.1367E-03		
		0.9159E+00	-0.1036E-03		
		0.1211E+01	-0.7599E-04		
		0.1505E+01	-0.5348E-04		
		0.1800E+01	-0.3609E-04		
		0.3820E+01	-0.7474E-06		
		0.5840E+01	-0.1784E-08		
		0.7860E+01	-0.3199E-12		
		0.7880E+01	-0.3197E-12		
		0.7900E+01	-0.3195E-12		
		0.7921E+01	-0.3195E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8613E+02	0.0000E+00
		0.1500E-02	-0.9676E-02		
		0.3063E+00	-0.7534E-02		
		0.6111E+00	-0.5718E-02		
		0.9159E+00	-0.4217E-02		
		0.1211E+01	-0.3049E-02		
		0.1505E+01	-0.2136E-02		
		0.1800E+01	-0.1448E-02		
		0.3820E+01	-0.3686E-04		
		0.5840E+01	-0.1379E-06		
		0.7860E+01	-0.5148E-11		
		0.7880E+01	-0.5097E-11		
		0.7900E+01	-0.5067E-11		
		0.7921E+01	-0.5057E-11		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.5499E-02		
		0.3063E+00	-0.4288E-02		
		0.6111E+00	-0.3259E-02		
		0.9159E+00	-0.2406E-02		
		0.1211E+01	-0.1741E-02		
		0.1505E+01	-0.1221E-02		
		0.1800E+01	-0.8279E-03		
		0.3820E+01	-0.2113E-04		
		0.5840E+01	-0.7914E-07		
		0.7860E+01	-0.6547E-11		
		0.7880E+01	-0.6520E-11		
		0.7900E+01	-0.6504E-11		
		0.7921E+01	-0.6498E-11		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2470E-02		
		0.3063E+00	-0.1933E-02		
		0.6111E+00	-0.1474E-02		
		0.9159E+00	-0.1091E-02		
		0.1211E+01	-0.7911E-03		
		0.1505E+01	-0.5556E-03		

		0.1800E+01	-0.3773E-03		
		0.3820E+01	-0.9686E-05		
		0.5840E+01	-0.3634E-07		
		0.7860E+01	-0.3886E-11		
		0.7880E+01	-0.3874E-11		
		0.7900E+01	-0.3867E-11		
		0.7921E+01	-0.3864E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8613E+02	0.0000E+00
		0.1500E-02	-0.2105E-03		
		0.3063E+00	-0.1758E-03		
		0.6111E+00	-0.1410E-03		
		0.9159E+00	-0.1087E-03		
		0.1211E+01	-0.8142E-04		
		0.1505E+01	-0.5869E-04		
		0.1800E+01	-0.4071E-04		
		0.3820E+01	-0.1127E-05		
		0.5840E+01	-0.4342E-08		
		0.7860E+01	-0.1380E-11		
		0.7880E+01	-0.1379E-11		
		0.7900E+01	-0.1378E-11		
		0.7921E+01	-0.1378E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9032E+02	0.0000E+00
		0.1500E-02	-0.9707E-02		
		0.3063E+00	-0.7613E-02		
		0.6111E+00	-0.5835E-02		
		0.9159E+00	-0.4359E-02		
		0.1211E+01	-0.3201E-02		
		0.1505E+01	-0.2284E-02		
		0.1800E+01	-0.1582E-02		
		0.3820E+01	-0.5119E-04		
		0.5840E+01	-0.2864E-06		
		0.7860E+01	-0.1794E-11		
		0.7880E+01	-0.1617E-11		
		0.7900E+01	-0.1511E-11		
		0.7921E+01	-0.1476E-11		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.5517E-02		
		0.3063E+00	-0.4334E-02		
		0.6111E+00	-0.3326E-02		
		0.9159E+00	-0.2488E-02		
		0.1211E+01	-0.1828E-02		
		0.1505E+01	-0.1306E-02		
		0.1800E+01	-0.9051E-03		
		0.3820E+01	-0.2937E-04		
		0.5840E+01	-0.1645E-06		
		0.7860E+01	-0.2019E-10		
		0.7880E+01	-0.2009E-10		
		0.7900E+01	-0.2004E-10		
		0.7921E+01	-0.2002E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2478E-02		
		0.3063E+00	-0.1954E-02		

		0.6111E+00	-0.1505E-02		
		0.9159E+00	-0.1128E-02		
		0.1211E+01	-0.8312E-03		
		0.1505E+01	-0.5948E-03		
		0.1800E+01	-0.4129E-03		
		0.3820E+01	-0.1348E-04		
		0.5840E+01	-0.7566E-07		
		0.7860E+01	-0.1309E-10		
		0.7880E+01	-0.1305E-10		
		0.7900E+01	-0.1302E-10		
		0.7921E+01	-0.1301E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9032E+02	0.0000E+00
		0.1500E-02	-0.2115E-03		
		0.3063E+00	-0.1784E-03		
		0.6111E+00	-0.1449E-03		
		0.9159E+00	-0.1134E-03		
		0.1211E+01	-0.8641E-04		
		0.1505E+01	-0.6357E-04		
		0.1800E+01	-0.4514E-04		
		0.3820E+01	-0.1600E-05		
		0.5840E+01	-0.9244E-08		
		0.7860E+01	-0.4746E-11		
		0.7880E+01	-0.4742E-11		
		0.7900E+01	-0.4739E-11		
		0.7921E+01	-0.4739E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9437E+02	0.0000E+00
		0.1500E-02	-0.9734E-02		
		0.3063E+00	-0.7681E-02		
		0.6111E+00	-0.5938E-02		
		0.9159E+00	-0.4484E-02		
		0.1211E+01	-0.3337E-02		
		0.1505E+01	-0.2419E-02		
		0.1800E+01	-0.1707E-02		
		0.3820E+01	-0.6780E-04		
		0.5840E+01	-0.5354E-06		
		0.7860E+01	0.6037E-10		
		0.7880E+01	0.6090E-10		
		0.7900E+01	0.6121E-10		
		0.7921E+01	0.6132E-10		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.5532E-02		
		0.3063E+00	-0.4373E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2560E-02		
		0.1211E+01	-0.1907E-02		
		0.1505E+01	-0.1384E-02		
		0.1800E+01	-0.9769E-03		
		0.3820E+01	-0.3892E-04		
		0.5840E+01	-0.3078E-06		
		0.7860E+01	-0.4671E-10		
		0.7880E+01	-0.4643E-10		
		0.7900E+01	-0.4627E-10		
		0.7921E+01	-0.4622E-10		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1972E-02		
		0.6111E+00	-0.1532E-02		
		0.9159E+00	-0.1162E-02		
		0.1211E+01	-0.8673E-03		
		0.1505E+01	-0.6307E-03		
		0.1800E+01	-0.4460E-03		
		0.3820E+01	-0.1789E-04		
		0.5840E+01	-0.1418E-06		
		0.7860E+01	-0.3586E-10		
		0.7880E+01	-0.3574E-10		
		0.7900E+01	-0.3567E-10		
		0.7921E+01	-0.3564E-10		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9437E+02	0.0000E+00
		0.1500E-02	-0.2124E-03		
		0.3063E+00	-0.1807E-03		
		0.6111E+00	-0.1484E-03		
		0.9159E+00	-0.1177E-03		
		0.1211E+01	-0.9102E-04		
		0.1505E+01	-0.6815E-04		
		0.1800E+01	-0.4937E-04		
		0.3820E+01	-0.2164E-05		
		0.5840E+01	-0.1770E-07		
		0.7860E+01	-0.1349E-10		
		0.7880E+01	-0.1347E-10		
		0.7900E+01	-0.1347E-10		
		0.7921E+01	-0.1346E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9829E+02	0.0000E+00
		0.1500E-02	-0.9758E-02		
		0.3063E+00	-0.7741E-02		
		0.6111E+00	-0.6028E-02		
		0.9159E+00	-0.4596E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2542E-02		
		0.1800E+01	-0.1822E-02		
		0.3820E+01	-0.8645E-04		
		0.5840E+01	-0.9204E-06		
		0.7860E+01	0.3728E-09		
		0.7880E+01	0.3742E-09		
		0.7900E+01	0.3750E-09		
		0.7921E+01	0.3753E-09		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.5546E-02		
		0.3063E+00	-0.4407E-02		
		0.6111E+00	-0.3437E-02		
		0.9159E+00	-0.2624E-02		
		0.1211E+01	-0.1977E-02		
		0.1505E+01	-0.1455E-02		
		0.1800E+01	-0.1044E-02		
		0.3820E+01	-0.4966E-04		
		0.5840E+01	-0.5294E-06		

		0.7860E+01	-0.7381E-10		
		0.7880E+01	-0.7312E-10		
		0.7900E+01	-0.7271E-10		
		0.7921E+01	-0.7258E-10		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2491E-02		
		0.3063E+00	-0.1988E-02		
		0.6111E+00	-0.1556E-02		
		0.9159E+00	-0.1191E-02		
		0.1211E+01	-0.8998E-03		
		0.1505E+01	-0.6635E-03		
		0.1800E+01	-0.4769E-03		
		0.3820E+01	-0.2286E-04		
		0.5840E+01	-0.2444E-06		
		0.7860E+01	-0.8172E-10		
		0.7880E+01	-0.8142E-10		
		0.7900E+01	-0.8124E-10		
		0.7921E+01	-0.8118E-10		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9829E+02	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1828E-03		
		0.6111E+00	-0.1515E-03		
		0.9159E+00	-0.1216E-03		
		0.1211E+01	-0.9528E-04		
		0.1505E+01	-0.7243E-04		
		0.1800E+01	-0.5341E-04		
		0.3820E+01	-0.2814E-05		
		0.5840E+01	-0.3114E-07		
		0.7860E+01	-0.3254E-10		
		0.7880E+01	-0.3251E-10		
		0.7900E+01	-0.3249E-10		
		0.7921E+01	-0.3248E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1021E+03	0.0000E+00
		0.1500E-02	-0.9778E-02		
		0.3063E+00	-0.7794E-02		
		0.6111E+00	-0.6108E-02		
		0.9159E+00	-0.4695E-02		
		0.1211E+01	-0.3569E-02		
		0.1505E+01	-0.2655E-02		
		0.1800E+01	-0.1930E-02		
		0.3820E+01	-0.1069E-03		
		0.5840E+01	-0.1477E-05		
		0.7860E+01	0.1476E-08		
		0.7880E+01	0.1479E-08		
		0.7900E+01	0.1481E-08		
		0.7921E+01	0.1482E-08		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.5558E-02		
		0.3063E+00	-0.4438E-02		
		0.6111E+00	-0.3483E-02		
		0.9159E+00	-0.2681E-02		
		0.1211E+01	-0.2040E-02		

		0.1505E+01	-0.1519E-02		
		0.1800E+01	-0.1105E-02		
		0.3820E+01	-0.6143E-04		
		0.5840E+01	-0.8505E-06		
		0.7860E+01	-0.2903E-10		
		0.7880E+01	-0.2748E-10		
		0.7900E+01	-0.2656E-10		
		0.7921E+01	-0.2625E-10		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2002E-02		
		0.6111E+00	-0.1577E-02		
		0.9159E+00	-0.1218E-02		
		0.1211E+01	-0.9292E-03		
		0.1505E+01	-0.6935E-03		
		0.1800E+01	-0.5055E-03		
		0.3820E+01	-0.2832E-04		
		0.5840E+01	-0.3933E-06		
		0.7860E+01	-0.1549E-09		
		0.7880E+01	-0.1542E-09		
		0.7900E+01	-0.1538E-09		
		0.7921E+01	-0.1537E-09		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1021E+03	0.0000E+00
		0.1500E-02	-0.2140E-03		
		0.3063E+00	-0.1846E-03		
		0.6111E+00	-0.1544E-03		
		0.9159E+00	-0.1251E-03		
		0.1211E+01	-0.9922E-04		
		0.1505E+01	-0.7646E-04		
		0.1800E+01	-0.5725E-04		
		0.3820E+01	-0.3545E-05		
		0.5840E+01	-0.5109E-07		
		0.7860E+01	-0.6775E-10		
		0.7880E+01	-0.6767E-10		
		0.7900E+01	-0.6763E-10		
		0.7921E+01	-0.6761E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1058E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7841E-02		
		0.6111E+00	-0.6179E-02		
		0.9159E+00	-0.4785E-02		
		0.1211E+01	-0.3668E-02		
		0.1505E+01	-0.2757E-02		
		0.1800E+01	-0.2029E-02		
		0.3820E+01	-0.1288E-03		
		0.5840E+01	-0.2241E-05		
		0.7860E+01	0.4646E-08		
		0.7880E+01	0.4653E-08		
		0.7900E+01	0.4657E-08		
		0.7921E+01	0.4658E-08		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.5568E-02		

		0.3063E+00	-0.4465E-02		
		0.6111E+00	-0.3524E-02		
		0.9159E+00	-0.2733E-02		
		0.1211E+01	-0.2098E-02		
		0.1505E+01	-0.1578E-02		
		0.1800E+01	-0.1163E-02		
		0.3820E+01	-0.7406E-04		
		0.5840E+01	-0.1291E-05		
		0.7860E+01	0.3141E-09		
		0.7880E+01	0.3173E-09		
		0.7900E+01	0.3192E-09		
		0.7921E+01	0.3199E-09		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2502E-02		
		0.3063E+00	-0.2015E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1242E-02		
		0.1211E+01	-0.9559E-03		
		0.1505E+01	-0.7210E-03		
		0.1800E+01	-0.5322E-03		
		0.3820E+01	-0.3419E-04		
		0.5840E+01	-0.5980E-06		
		0.7860E+01	-0.2339E-09		
		0.7880E+01	-0.2325E-09		
		0.7900E+01	-0.2317E-09		
		0.7921E+01	-0.2315E-09		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1058E+03	0.0000E+00
		0.1500E-02	-0.2147E-03		
		0.3063E+00	-0.1864E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1284E-03		
		0.1211E+01	-0.1029E-03		
		0.1505E+01	-0.8023E-04		
		0.1800E+01	-0.6090E-04		
		0.3820E+01	-0.4350E-05		
		0.5840E+01	-0.7916E-07		
		0.7860E+01	-0.1218E-09		
		0.7880E+01	-0.1217E-09		
		0.7900E+01	-0.1216E-09		
		0.7921E+01	-0.1215E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1094E+03	0.0000E+00
		0.1500E-02	-0.9813E-02		
		0.3063E+00	-0.7882E-02		
		0.6111E+00	-0.6243E-02		
		0.9159E+00	-0.4865E-02		
		0.1211E+01	-0.3759E-02		
		0.1505E+01	-0.2851E-02		
		0.1800E+01	-0.2121E-02		
		0.3820E+01	-0.1519E-03		
		0.5840E+01	-0.3242E-05		
		0.7860E+01	0.1252E-07		
		0.7880E+01	0.1254E-07		
		0.7900E+01	0.1254E-07		

		0.7921E+01	0.1255E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.5578E-02		
		0.3063E+00	-0.4489E-02		
		0.6111E+00	-0.3561E-02		
		0.9159E+00	-0.2779E-02		
		0.1211E+01	-0.2150E-02		
		0.1505E+01	-0.1633E-02		
		0.1800E+01	-0.1216E-02		
		0.3820E+01	-0.8740E-04		
		0.5840E+01	-0.1869E-05		
		0.7860E+01	0.1507E-08		
		0.7880E+01	0.1513E-08		
		0.7900E+01	0.1517E-08		
		0.7921E+01	0.1518E-08		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2506E-02		
		0.3063E+00	-0.2026E-02		
		0.6111E+00	-0.1613E-02		
		0.9159E+00	-0.1263E-02		
		0.1211E+01	-0.9802E-03		
		0.1505E+01	-0.7463E-03		
		0.1800E+01	-0.5569E-03		
		0.3820E+01	-0.4040E-04		
		0.5840E+01	-0.8673E-06		
		0.7860E+01	-0.2289E-09		
		0.7880E+01	-0.2263E-09		
		0.7900E+01	-0.2248E-09		
		0.7921E+01	-0.2243E-09		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1094E+03	0.0000E+00
		0.1500E-02	-0.2153E-03		
		0.3063E+00	-0.1879E-03		
		0.6111E+00	-0.1594E-03		
		0.9159E+00	-0.1314E-03		
		0.1211E+01	-0.1063E-03		
		0.1505E+01	-0.8377E-04		
		0.1800E+01	-0.6436E-04		
		0.3820E+01	-0.5220E-05		
		0.5840E+01	-0.1169E-06		
		0.7860E+01	-0.1845E-09		
		0.7880E+01	-0.1842E-09		
		0.7900E+01	-0.1840E-09		
		0.7921E+01	-0.1840E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1129E+03	0.0000E+00
		0.1500E-02	-0.9827E-02		
		0.3063E+00	-0.7919E-02		
		0.6111E+00	-0.6300E-02		
		0.9159E+00	-0.4937E-02		
		0.1211E+01	-0.3841E-02		
		0.1505E+01	-0.2938E-02		
		0.1800E+01	-0.2206E-02		
		0.3820E+01	-0.1759E-03		

		0.5840E+01	-0.4508E-05		
		0.7860E+01	0.3002E-07		
		0.7880E+01	0.3004E-07		
		0.7900E+01	0.3006E-07		
		0.7921E+01	0.3006E-07		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.5586E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2821E-02		
		0.1211E+01	-0.2197E-02		
		0.1505E+01	-0.1683E-02		
		0.1800E+01	-0.1265E-02		
		0.3820E+01	-0.1013E-03		
		0.5840E+01	-0.2601E-05		
		0.7860E+01	0.4700E-08		
		0.7880E+01	0.4711E-08		
		0.7900E+01	0.4717E-08		
		0.7921E+01	0.4720E-08		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2036E-02		
		0.6111E+00	-0.1629E-02		
		0.9159E+00	-0.1283E-02		
		0.1211E+01	-0.1002E-02		
		0.1505E+01	-0.7695E-03		
		0.1800E+01	-0.5799E-03		
		0.3820E+01	-0.4688E-04		
		0.5840E+01	-0.1209E-05		
		0.7860E+01	0.9438E-10		
		0.7880E+01	0.9892E-10		
		0.7900E+01	0.1016E-09		
		0.7921E+01	0.1026E-09		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1129E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1894E-03		
		0.6111E+00	-0.1616E-03		
		0.9159E+00	-0.1342E-03		
		0.1211E+01	-0.1094E-03		
		0.1505E+01	-0.8710E-04		
		0.1800E+01	-0.6766E-04		
		0.3820E+01	-0.6148E-05		
		0.5840E+01	-0.1658E-06		
		0.7860E+01	-0.2133E-09		
		0.7880E+01	-0.2127E-09		
		0.7900E+01	-0.2123E-09		
		0.7921E+01	-0.2122E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1164E+03	0.0000E+00
		0.1500E-02	-0.9840E-02		
		0.3063E+00	-0.7953E-02		
		0.6111E+00	-0.6351E-02		
		0.9159E+00	-0.5003E-02		

		0.1211E+01	-0.3915E-02		
		0.1505E+01	-0.3017E-02		
		0.1800E+01	-0.2285E-02		
		0.3820E+01	-0.2006E-03		
		0.5840E+01	-0.6058E-05		
		0.7860E+01	0.6555E-07		
		0.7880E+01	0.6559E-07		
		0.7900E+01	0.6562E-07		
		0.7921E+01	0.6563E-07		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.5594E-02		
		0.3063E+00	-0.4530E-02		
		0.6111E+00	-0.3624E-02		
		0.9159E+00	-0.2859E-02		
		0.1211E+01	-0.2241E-02		
		0.1505E+01	-0.1728E-02		
		0.1800E+01	-0.1311E-02		
		0.3820E+01	-0.1156E-03		
		0.5840E+01	-0.3498E-05		
		0.7860E+01	0.1204E-07		
		0.7880E+01	0.1206E-07		
		0.7900E+01	0.1207E-07		
		0.7921E+01	0.1208E-07		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2514E-02		
		0.3063E+00	-0.2045E-02		
		0.6111E+00	-0.1643E-02		
		0.9159E+00	-0.1301E-02		
		0.1211E+01	-0.1023E-02		
		0.1505E+01	-0.7910E-03		
		0.1800E+01	-0.6013E-03		
		0.3820E+01	-0.5357E-04		
		0.5840E+01	-0.1628E-05		
		0.7860E+01	0.1236E-08		
		0.7880E+01	0.1244E-08		
		0.7900E+01	0.1248E-08		
		0.7921E+01	0.1250E-08		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1164E+03	0.0000E+00
		0.1500E-02	-0.2163E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1636E-03		
		0.9159E+00	-0.1368E-03		
		0.1211E+01	-0.1124E-03		
		0.1505E+01	-0.9023E-04		
		0.1800E+01	-0.7078E-04		
		0.3820E+01	-0.7126E-05		
		0.5840E+01	-0.2271E-06		
		0.7860E+01	-0.9906E-10		
		0.7880E+01	-0.9801E-10		
		0.7900E+01	-0.9738E-10		
		0.7921E+01	-0.9717E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1197E+03	0.0000E+00

		0.1500E-02	-0.9852E-02		
		0.3063E+00	-0.7983E-02		
		0.6111E+00	-0.6398E-02		
		0.9159E+00	-0.5063E-02		
		0.1211E+01	-0.3984E-02		
		0.1505E+01	-0.3089E-02		
		0.1800E+01	-0.2359E-02		
		0.3820E+01	-0.2258E-03		
		0.5840E+01	-0.7908E-05		
		0.7860E+01	0.1325E-06		
		0.7880E+01	0.1326E-06		
		0.7900E+01	0.1327E-06		
		0.7921E+01	0.1327E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.5600E-02		
		0.3063E+00	-0.4547E-02		
		0.6111E+00	-0.3651E-02		
		0.9159E+00	-0.2894E-02		
		0.1211E+01	-0.2280E-02		
		0.1505E+01	-0.1771E-02		
		0.1800E+01	-0.1353E-02		
		0.3820E+01	-0.1302E-03		
		0.5840E+01	-0.4570E-05		
		0.7860E+01	0.2723E-07		
		0.7880E+01	0.2727E-07		
		0.7900E+01	0.2728E-07		
		0.7921E+01	0.2729E-07		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2517E-02		
		0.3063E+00	-0.2053E-02		
		0.6111E+00	-0.1655E-02		
		0.9159E+00	-0.1317E-02		
		0.1211E+01	-0.1041E-02		
		0.1505E+01	-0.8107E-03		
		0.1800E+01	-0.6212E-03		
		0.3820E+01	-0.6041E-04		
		0.5840E+01	-0.2130E-05		
		0.7860E+01	0.4140E-08		
		0.7880E+01	0.4152E-08		
		0.7900E+01	0.4160E-08		
		0.7921E+01	0.4162E-08		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1197E+03	0.0000E+00
		0.1500E-02	-0.2168E-03		
		0.3063E+00	-0.1919E-03		
		0.6111E+00	-0.1655E-03		
		0.9159E+00	-0.1392E-03		
		0.1211E+01	-0.1152E-03		
		0.1505E+01	-0.9317E-04		
		0.1800E+01	-0.7375E-04		
		0.3820E+01	-0.8146E-05		
		0.5840E+01	-0.3020E-06		
		0.7860E+01	0.3867E-09		
		0.7880E+01	0.3885E-09		
		0.7900E+01	0.3896E-09		
		0.7921E+01	0.3899E-09		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1230E+03	0.0000E+00
		0.1500E-02	-0.9862E-02		
		0.3063E+00	-0.8010E-02		
		0.6111E+00	-0.6440E-02		
		0.9159E+00	-0.5117E-02		
		0.1211E+01	-0.4046E-02		
		0.1505E+01	-0.3157E-02		
		0.1800E+01	-0.2427E-02		
		0.3820E+01	-0.2513E-03		
		0.5840E+01	-0.1007E-04		
		0.7860E+01	0.2512E-06		
		0.7880E+01	0.2513E-06		
		0.7900E+01	0.2514E-06		
		0.7921E+01	0.2514E-06		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.5606E-02		
		0.3063E+00	-0.4563E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2925E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1809E-02		
		0.1800E+01	-0.1393E-02		
		0.3820E+01	-0.1450E-03		
		0.5840E+01	-0.5821E-05		
		0.7860E+01	0.5620E-07		
		0.7880E+01	0.5625E-07		
		0.7900E+01	0.5628E-07		
		0.7921E+01	0.5629E-07		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2520E-02		
		0.3063E+00	-0.2061E-02		
		0.6111E+00	-0.1667E-02		
		0.9159E+00	-0.1332E-02		
		0.1211E+01	-0.1058E-02		
		0.1505E+01	-0.8290E-03		
		0.1800E+01	-0.6397E-03		
		0.3820E+01	-0.6734E-04		
		0.5840E+01	-0.2718E-05		
		0.7860E+01	0.1043E-07		
		0.7880E+01	0.1045E-07		
		0.7900E+01	0.1047E-07		
		0.7921E+01	0.1047E-07		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1230E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1930E-03		
		0.6111E+00	-0.1672E-03		
		0.9159E+00	-0.1415E-03		
		0.1211E+01	-0.1177E-03		
		0.1505E+01	-0.9595E-04		
		0.1800E+01	-0.7657E-04		
		0.3820E+01	-0.9200E-05		
		0.5840E+01	-0.3914E-06		
		0.7860E+01	0.1671E-08		
		0.7880E+01	0.1674E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.7900E+01	0.1675E-08		
		0.7921E+01	0.1676E-08		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1262E+03	0.0000E+00
		0.1500E-02	-0.9872E-02		
		0.3063E+00	-0.8035E-02		
		0.6111E+00	-0.6478E-02		
		0.9159E+00	-0.5166E-02		
		0.1211E+01	-0.4103E-02		
		0.1505E+01	-0.3218E-02		
		0.1800E+01	-0.2490E-02		
		0.3820E+01	-0.2769E-03		
		0.5840E+01	-0.1253E-04		
		0.7860E+01	0.4504E-06		
		0.7880E+01	0.4506E-06		
		0.7900E+01	0.4507E-06		
		0.7921E+01	0.4507E-06		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.5612E-02		
		0.3063E+00	-0.4577E-02		
		0.6111E+00	-0.3697E-02		
		0.9159E+00	-0.2954E-02		
		0.1211E+01	-0.2350E-02		
		0.1505E+01	-0.1845E-02		
		0.1800E+01	-0.1430E-02		
		0.3820E+01	-0.1598E-03		
		0.5840E+01	-0.7254E-05		
		0.7860E+01	0.1079E-06		
		0.7880E+01	0.1080E-06		
		0.7900E+01	0.1080E-06		
		0.7921E+01	0.1080E-06		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2522E-02		
		0.3063E+00	-0.2067E-02		
		0.6111E+00	-0.1677E-02		
		0.9159E+00	-0.1345E-02		
		0.1211E+01	-0.1074E-02		
		0.1505E+01	-0.8459E-03		
		0.1800E+01	-0.6570E-03		
		0.3820E+01	-0.7433E-04		
		0.5840E+01	-0.3392E-05		
		0.7860E+01	0.2274E-07		
		0.7880E+01	0.2277E-07		
		0.7900E+01	0.2279E-07		
		0.7921E+01	0.2280E-07		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1262E+03	0.0000E+00
		0.1500E-02	-0.2177E-03		
		0.3063E+00	-0.1941E-03		
		0.6111E+00	-0.1689E-03		
		0.9159E+00	-0.1436E-03		
		0.1211E+01	-0.1202E-03		
		0.1505E+01	-0.9857E-04		
		0.1800E+01	-0.7924E-04		

		0.3820E+01	-0.1028E-04		
		0.5840E+01	-0.4959E-06		
		0.7860E+01	0.4485E-08		
		0.7880E+01	0.4490E-08		
		0.7900E+01	0.4493E-08		
		0.7921E+01	0.4494E-08		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1294E+03	0.0000E+00
		0.1500E-02	-0.9881E-02		
		0.3063E+00	-0.8057E-02		
		0.6111E+00	-0.6513E-02		
		0.9159E+00	-0.5212E-02		
		0.1211E+01	-0.4156E-02		
		0.1505E+01	-0.3276E-02		
		0.1800E+01	-0.2549E-02		
		0.3820E+01	-0.3024E-03		
		0.5840E+01	-0.1531E-04		
		0.7860E+01	0.7698E-06		
		0.7880E+01	0.7701E-06		
		0.7900E+01	0.7703E-06		
		0.7921E+01	0.7703E-06		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.5617E-02		
		0.3063E+00	-0.4590E-02		
		0.6111E+00	-0.3718E-02		
		0.9159E+00	-0.2980E-02		
		0.1211E+01	-0.2380E-02		
		0.1505E+01	-0.1879E-02		
		0.1800E+01	-0.1464E-02		
		0.3820E+01	-0.1747E-03		
		0.5840E+01	-0.8867E-05		
		0.7860E+01	0.1953E-06		
		0.7880E+01	0.1954E-06		
		0.7900E+01	0.1955E-06		
		0.7921E+01	0.1955E-06		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2525E-02		
		0.3063E+00	-0.2073E-02		
		0.6111E+00	-0.1687E-02		
		0.9159E+00	-0.1358E-02		
		0.1211E+01	-0.1088E-02		
		0.1505E+01	-0.8615E-03		
		0.1800E+01	-0.6731E-03		
		0.3820E+01	-0.8132E-04		
		0.5840E+01	-0.4152E-05		
		0.7860E+01	0.4507E-07		
		0.7880E+01	0.4511E-07		
		0.7900E+01	0.4514E-07		
		0.7921E+01	0.4515E-07		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1294E+03	0.0000E+00
		0.1500E-02	-0.2180E-03		
		0.3063E+00	-0.1951E-03		
		0.6111E+00	-0.1704E-03		

		0.9159E+00	-0.1455E-03		
		0.1211E+01	-0.1224E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8178E-04		
		0.3820E+01	-0.1139E-04		
		0.5840E+01	-0.6159E-06		
		0.7860E+01	0.1001E-07		
		0.7880E+01	0.1002E-07		
		0.7900E+01	0.1002E-07		
		0.7921E+01	0.1002E-07		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1325E+03	0.0000E+00
		0.1500E-02	-0.9889E-02		
		0.3063E+00	-0.8078E-02		
		0.6111E+00	-0.6545E-02		
		0.9159E+00	-0.5253E-02		
		0.1211E+01	-0.4204E-02		
		0.1505E+01	-0.3328E-02		
		0.1800E+01	-0.2603E-02		
		0.3820E+01	-0.3277E-03		
		0.5840E+01	-0.1838E-04		
		0.7860E+01	0.1262E-05		
		0.7880E+01	0.1262E-05		
		0.7900E+01	0.1263E-05		
		0.7921E+01	0.1263E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.5622E-02		
		0.3063E+00	-0.4602E-02		
		0.6111E+00	-0.3736E-02		
		0.9159E+00	-0.3004E-02		
		0.1211E+01	-0.2408E-02		
		0.1505E+01	-0.1909E-02		
		0.1800E+01	-0.1495E-02		
		0.3820E+01	-0.1894E-03		
		0.5840E+01	-0.1066E-04		
		0.7860E+01	0.3363E-06		
		0.7880E+01	0.3365E-06		
		0.7900E+01	0.3366E-06		
		0.7921E+01	0.3366E-06		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2527E-02		
		0.3063E+00	-0.2079E-02		
		0.6111E+00	-0.1696E-02		
		0.9159E+00	-0.1369E-02		
		0.1211E+01	-0.1101E-02		
		0.1505E+01	-0.8760E-03		
		0.1800E+01	-0.6881E-03		
		0.3820E+01	-0.8828E-04		
		0.5840E+01	-0.4997E-05		
		0.7860E+01	0.8323E-07		
		0.7880E+01	0.8329E-07		
		0.7900E+01	0.8333E-07		
		0.7921E+01	0.8334E-07		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1325E+03	0.0000E+00
		0.1500E-02	-0.2184E-03		
		0.3063E+00	-0.1960E-03		
		0.6111E+00	-0.1718E-03		
		0.9159E+00	-0.1474E-03		
		0.1211E+01	-0.1246E-03		
		0.1505E+01	-0.1034E-03		
		0.1800E+01	-0.8419E-04		
		0.3820E+01	-0.1251E-04		
		0.5840E+01	-0.7518E-06		
		0.7860E+01	0.2004E-07		
		0.7880E+01	0.2005E-07		
		0.7900E+01	0.2006E-07		
		0.7921E+01	0.2006E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1355E+03	0.0000E+00
		0.1500E-02	-0.9896E-02		
		0.3063E+00	-0.8097E-02		
		0.6111E+00	-0.6574E-02		
		0.9159E+00	-0.5291E-02		
		0.1211E+01	-0.4249E-02		
		0.1505E+01	-0.3377E-02		
		0.1800E+01	-0.2654E-02		
		0.3820E+01	-0.3528E-03		
		0.5840E+01	-0.2175E-04		
		0.7860E+01	0.1994E-05		
		0.7880E+01	0.1994E-05		
		0.7900E+01	0.1995E-05		
		0.7921E+01	0.1995E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.5626E-02		
		0.3063E+00	-0.4613E-02		
		0.6111E+00	-0.3753E-02		
		0.9159E+00	-0.3026E-02		
		0.1211E+01	-0.2434E-02		
		0.1505E+01	-0.1938E-02		
		0.1800E+01	-0.1525E-02		
		0.3820E+01	-0.2040E-03		
		0.5840E+01	-0.1262E-04		
		0.7860E+01	0.5550E-06		
		0.7880E+01	0.5553E-06		
		0.7900E+01	0.5554E-06		
		0.7921E+01	0.5555E-06		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2529E-02		
		0.3063E+00	-0.2084E-02		
		0.6111E+00	-0.1704E-02		
		0.9159E+00	-0.1380E-02		
		0.1211E+01	-0.1114E-02		
		0.1505E+01	-0.8895E-03		
		0.1800E+01	-0.7021E-03		
		0.3820E+01	-0.9519E-04		
		0.5840E+01	-0.5925E-05		
		0.7860E+01	0.1454E-06		

		0.7880E+01	0.1454E-06		
		0.7900E+01	0.1455E-06		
		0.7921E+01	0.1455E-06		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1355E+03	0.0000E+00
		0.1500E-02	-0.2187E-03		
		0.3063E+00	-0.1968E-03		
		0.6111E+00	-0.1731E-03		
		0.9159E+00	-0.1491E-03		
		0.1211E+01	-0.1266E-03		
		0.1505E+01	-0.1056E-03		
		0.1800E+01	-0.8648E-04		
		0.3820E+01	-0.1364E-04		
		0.5840E+01	-0.9036E-06		
		0.7860E+01	0.3720E-07		
		0.7880E+01	0.3722E-07		
		0.7900E+01	0.3723E-07		
		0.7921E+01	0.3724E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1379E+03	0.0000E+00
		0.1500E-02	-0.9901E-02		
		0.3063E+00	-0.8111E-02		
		0.6111E+00	-0.6596E-02		
		0.9159E+00	-0.5319E-02		
		0.1211E+01	-0.4282E-02		
		0.1505E+01	-0.3414E-02		
		0.1800E+01	-0.2692E-02		
		0.3820E+01	-0.3726E-03		
		0.5840E+01	-0.2463E-04		
		0.7860E+01	0.2808E-05		
		0.7880E+01	0.2808E-05		
		0.7900E+01	0.2809E-05		
		0.7921E+01	0.2809E-05		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.5629E-02		
		0.3063E+00	-0.4621E-02		
		0.6111E+00	-0.3766E-02		
		0.9159E+00	-0.3043E-02		
		0.1211E+01	-0.2454E-02		
		0.1505E+01	-0.1959E-02		
		0.1800E+01	-0.1547E-02		
		0.3820E+01	-0.2155E-03		
		0.5840E+01	-0.1430E-04		
		0.7860E+01	0.8065E-06		
		0.7880E+01	0.8068E-06		
		0.7900E+01	0.8070E-06		
		0.7921E+01	0.8071E-06		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2530E-02		
		0.3063E+00	-0.2088E-02		
		0.6111E+00	-0.1710E-02		
		0.9159E+00	-0.1387E-02		
		0.1211E+01	-0.1123E-02		
		0.1505E+01	-0.8996E-03		

		0.1800E+01	-0.7126E-03		
		0.3820E+01	-0.1007E-03		
		0.5840E+01	-0.6724E-05		
		0.7860E+01	0.2196E-06		
		0.7880E+01	0.2197E-06		
		0.7900E+01	0.2198E-06		
		0.7921E+01	0.2198E-06		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1379E+03	0.0000E+00
		0.1500E-02	-0.2190E-03		
		0.3063E+00	-0.1974E-03		
		0.6111E+00	-0.1741E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1281E-03		
		0.1505E+01	-0.1072E-03		
		0.1800E+01	-0.8824E-04		
		0.3820E+01	-0.1454E-04		
		0.5840E+01	-0.1036E-05		
		0.7860E+01	0.5851E-07		
		0.7880E+01	0.5854E-07		
		0.7900E+01	0.5855E-07		
		0.7921E+01	0.5856E-07		

N O T I C E

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*                                                *
*      M I G R A T E   S I M U L A T I O N       *
*                                                *
*             ANALYSIS      COMPLETED            *
*                                                *
*           TIME     -       11: 7:24            *
*           EXECUTION TIME    0: 2: 1            *
*                                                *
*                                                *
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CLR24

All Layers
Darcy Velocity = 3.08E-3 m/yr
(Increased by Order of Magnitude)

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*                                                       *
*                                                       *
*                    M I G R A T E v 9                  *
*                                                       *
*                      VERSION 9.0.7                    *
*                                                       *
*                   REVISION - 4/16/1996                *
*                                                       *
*     COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996     *
*                                                       *
*                                                       *
*                                                       *
*                                                       *
*                 RUN DATE -   17-11- 8                 *
*                 TIME     -   11:14:17                 *
*                                                       *
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 Clinton LF No. 3 (CWU) CLR24 (All Layers 3.08E-3)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
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LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0031	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0031	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0031	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0031	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0031	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0031	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0031	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0031	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0031	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0031	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0031	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0031	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0031	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.2010E+02	0.0000E+00
		0.1500E-02	-0.8000E-02		
		0.3063E+00	-0.3354E-02		
		0.6111E+00	-0.9059E-03		
		0.9159E+00	-0.1504E-03		
		0.1211E+01	-0.1623E-04		
		0.1505E+01	-0.1062E-05		
		0.1800E+01	-0.4164E-07		
		0.3820E+01	-0.2335E-17		
		0.5840E+01	-0.1933E-22		
		0.7860E+01	0.1390E-32		
		0.8145E+01	-0.2915E-33		
		0.8429E+01	-0.8816E-33		
		0.8714E+01	-0.1019E-32		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.2010E+02	0.0000E+00
		0.1500E-02	-0.4543E-02		
		0.3063E+00	-0.1905E-02		
		0.6111E+00	-0.5147E-03		
		0.9159E+00	-0.8545E-04		
		0.1211E+01	-0.9221E-05		

		0.1505E+01	-0.6034E-06		
		0.1800E+01	-0.2366E-07		
		0.3820E+01	-0.1287E-17		
		0.5840E+01	-0.1101E-22		
		0.7860E+01	-0.4009E-34		
		0.8145E+01	-0.9376E-33		
		0.8429E+01	-0.1244E-32		
		0.8714E+01	-0.1313E-32		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.2010E+02	0.0000E+00
		0.1500E-02	-0.2037E-02		
		0.3063E+00	-0.8550E-03		
		0.6111E+00	-0.2310E-03		
		0.9159E+00	-0.3837E-04		
		0.1211E+01	-0.4141E-05		
		0.1505E+01	-0.2710E-06		
		0.1800E+01	-0.1063E-07		
		0.3820E+01	-0.5349E-18		
		0.5840E+01	-0.4972E-23		
		0.7860E+01	-0.3375E-33		
		0.8145E+01	-0.7129E-33		
		0.8429E+01	-0.8402E-33		
		0.8714E+01	-0.8684E-33		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.2010E+02	0.0000E+00
		0.1500E-02	-0.1682E-03		
		0.3063E+00	-0.7163E-04		
		0.6111E+00	-0.1951E-04		
		0.9159E+00	-0.3253E-05		
		0.1211E+01	-0.3520E-06		
		0.1505E+01	-0.2307E-07		
		0.1800E+01	-0.9057E-09		
		0.3820E+01	0.2206E-19		
		0.5840E+01	-0.4650E-24		
		0.7860E+01	-0.5285E-33		
		0.8145E+01	-0.5144E-33		
		0.8429E+01	-0.5078E-33		
		0.8714E+01	-0.5053E-33		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3351E+02	0.0000E+00
		0.1500E-02	-0.8894E-02		
		0.3063E+00	-0.5261E-02		
		0.6111E+00	-0.2526E-02		
		0.9159E+00	-0.9631E-03		
		0.1211E+01	-0.3002E-03		
		0.1505E+01	-0.7361E-04		
		0.1800E+01	-0.1410E-04		
		0.3820E+01	-0.1530E-12		
		0.5840E+01	0.1158E-16		
		0.7860E+01	-0.5439E-24		
		0.8145E+01	0.4078E-23		
		0.8429E+01	0.6417E-23		
		0.8714E+01	0.7134E-23		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3351E+02	0.0000E+00
		0.1500E-02	-0.5051E-02		

		0.3063E+00	-0.2990E-02		
		0.6111E+00	-0.1436E-02		
		0.9159E+00	-0.5476E-03		
		0.1211E+01	-0.1707E-03		
		0.1505E+01	-0.4186E-04		
		0.1800E+01	-0.8020E-05		
		0.3820E+01	-0.8708E-13		
		0.5840E+01	0.6584E-17		
		0.7860E+01	-0.5957E-23		
		0.8145E+01	-0.3301E-23		
		0.8429E+01	-0.1936E-23		
		0.8714E+01	-0.1518E-23		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3351E+02	0.0000E+00
		0.1500E-02	-0.2266E-02		
		0.3063E+00	-0.1343E-02		
		0.6111E+00	-0.6453E-03		
		0.9159E+00	-0.2462E-03		
		0.1211E+01	-0.7678E-04		
		0.1505E+01	-0.1883E-04		
		0.1800E+01	-0.3609E-05		
		0.3820E+01	-0.3922E-13		
		0.5840E+01	0.2958E-17		
		0.7860E+01	-0.4150E-23		
		0.8145E+01	-0.2915E-23		
		0.8429E+01	-0.2255E-23		
		0.8714E+01	-0.2050E-23		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3351E+02	0.0000E+00
		0.1500E-02	-0.1881E-03		
		0.3063E+00	-0.1141E-03		
		0.6111E+00	-0.5564E-04		
		0.9159E+00	-0.2143E-04		
		0.1211E+01	-0.6721E-05		
		0.1505E+01	-0.1655E-05		
		0.1800E+01	-0.3181E-06		
		0.3820E+01	-0.3519E-14		
		0.5840E+01	0.2540E-18		
		0.7860E+01	-0.1067E-23		
		0.8145E+01	-0.8768E-24		
		0.8429E+01	-0.7359E-24		
		0.8714E+01	-0.6863E-24		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4492E+02	0.0000E+00
		0.1500E-02	-0.9320E-02		
		0.3063E+00	-0.6299E-02		
		0.6111E+00	-0.3727E-02		
		0.9159E+00	-0.1903E-02		
		0.1211E+01	-0.8549E-03		
		0.1505E+01	-0.3291E-03		
		0.1800E+01	-0.1079E-03		
		0.3820E+01	-0.5460E-09		
		0.5840E+01	0.1161E-14		
		0.7860E+01	-0.3925E-18		
		0.8145E+01	-0.3784E-18		
		0.8429E+01	-0.3721E-18		

		0.8714E+01	-0.3706E-18		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4492E+02	0.0000E+00
		0.1500E-02	-0.5294E-02		
		0.3063E+00	-0.3580E-02		
		0.6111E+00	-0.2119E-02		
		0.9159E+00	-0.1082E-02		
		0.1211E+01	-0.4864E-03		
		0.1505E+01	-0.1873E-03		
		0.1800E+01	-0.6142E-04		
		0.3820E+01	-0.3108E-09		
		0.5840E+01	0.6589E-15		
		0.7860E+01	0.1086E-18		
		0.8145E+01	0.1199E-18		
		0.8429E+01	0.1258E-18		
		0.8714E+01	0.1277E-18		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4492E+02	0.0000E+00
		0.1500E-02	-0.2375E-02		
		0.3063E+00	-0.1609E-02		
		0.6111E+00	-0.9533E-03		
		0.9159E+00	-0.4872E-03		
		0.1211E+01	-0.2191E-03		
		0.1505E+01	-0.8438E-04		
		0.1800E+01	-0.2769E-04		
		0.3820E+01	-0.1402E-09		
		0.5840E+01	0.2952E-15		
		0.7860E+01	0.8379E-19		
		0.8145E+01	0.8965E-19		
		0.8429E+01	0.9288E-19		
		0.8714E+01	0.9397E-19		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4492E+02	0.0000E+00
		0.1500E-02	-0.1980E-03		
		0.3063E+00	-0.1382E-03		
		0.6111E+00	-0.8358E-04		
		0.9159E+00	-0.4332E-04		
		0.1211E+01	-0.1966E-04		
		0.1505E+01	-0.7623E-05		
		0.1800E+01	-0.2514E-05		
		0.3820E+01	-0.1291E-10		
		0.5840E+01	0.2393E-16		
		0.7860E+01	0.3300E-19		
		0.8145E+01	0.3407E-19		
		0.8429E+01	0.3485E-19		
		0.8714E+01	0.3515E-19		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5522E+02	0.0000E+00
		0.1500E-02	-0.9577E-02		
		0.3063E+00	-0.6959E-02		
		0.6111E+00	-0.4595E-02		
		0.9159E+00	-0.2728E-02		
		0.1211E+01	-0.1478E-02		
		0.1505E+01	-0.7156E-03		
		0.1800E+01	-0.3081E-03		
		0.3820E+01	-0.3328E-07		

		0.5840E+01	-0.2015E-13		
		0.7860E+01	0.1967E-15		
		0.8145E+01	0.1986E-15		
		0.8429E+01	0.1998E-15		
		0.8714E+01	0.2004E-15		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5522E+02	0.0000E+00
		0.1500E-02	-0.5440E-02		
		0.3063E+00	-0.3956E-02		
		0.6111E+00	-0.2614E-02		
		0.9159E+00	-0.1553E-02		
		0.1211E+01	-0.8415E-03		
		0.1505E+01	-0.4075E-03		
		0.1800E+01	-0.1755E-03		
		0.3820E+01	-0.1896E-07		
		0.5840E+01	-0.1150E-13		
		0.7860E+01	0.3215E-16		
		0.8145E+01	0.3304E-16		
		0.8429E+01	0.3356E-16		
		0.8714E+01	0.3376E-16		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5522E+02	0.0000E+00
		0.1500E-02	-0.2441E-02		
		0.3063E+00	-0.1779E-02		
		0.6111E+00	-0.1177E-02		
		0.9159E+00	-0.6997E-03		
		0.1211E+01	-0.3795E-03		
		0.1505E+01	-0.1839E-03		
		0.1800E+01	-0.7922E-04		
		0.3820E+01	-0.8572E-08		
		0.5840E+01	-0.5218E-14		
		0.7860E+01	-0.2283E-16		
		0.8145E+01	-0.2265E-16		
		0.8429E+01	-0.2256E-16		
		0.8714E+01	-0.2255E-16		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5522E+02	0.0000E+00
		0.1500E-02	-0.2042E-03		
		0.3063E+00	-0.1542E-03		
		0.6111E+00	-0.1047E-03		
		0.9159E+00	-0.6335E-04		
		0.1211E+01	-0.3480E-04		
		0.1505E+01	-0.1702E-04		
		0.1800E+01	-0.7384E-05		
		0.3820E+01	-0.8155E-09		
		0.5840E+01	-0.5288E-15		
		0.7860E+01	-0.1934E-16		
		0.8145E+01	-0.1942E-16		
		0.8429E+01	-0.1947E-16		
		0.8714E+01	-0.1950E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6479E+02	0.0000E+00
		0.1500E-02	-0.9750E-02		
		0.3063E+00	-0.7417E-02		
		0.6111E+00	-0.5243E-02		
		0.9159E+00	-0.3415E-02		

		0.1211E+01	-0.2074E-02		
		0.1505E+01	-0.1154E-02		
		0.1800E+01	-0.5859E-03		
		0.3820E+01	-0.4003E-06		
		0.5840E+01	-0.2057E-11		
		0.7860E+01	-0.5467E-14		
		0.8145E+01	-0.5505E-14		
		0.8429E+01	-0.5529E-14		
		0.8714E+01	-0.5541E-14		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6479E+02	0.0000E+00
		0.1500E-02	-0.5539E-02		
		0.3063E+00	-0.4218E-02		
		0.6111E+00	-0.2983E-02		
		0.9159E+00	-0.1944E-02		
		0.1211E+01	-0.1181E-02		
		0.1505E+01	-0.6574E-03		
		0.1800E+01	-0.3339E-03		
		0.3820E+01	-0.2283E-06		
		0.5840E+01	-0.1174E-11		
		0.7860E+01	-0.1624E-14		
		0.8145E+01	-0.1649E-14		
		0.8429E+01	-0.1665E-14		
		0.8714E+01	-0.1671E-14		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6479E+02	0.0000E+00
		0.1500E-02	-0.2486E-02		
		0.3063E+00	-0.1897E-02		
		0.6111E+00	-0.1344E-02		
		0.9159E+00	-0.8770E-03		
		0.1211E+01	-0.5334E-03		
		0.1505E+01	-0.2970E-03		
		0.1800E+01	-0.1509E-03		
		0.3820E+01	-0.1034E-06		
		0.5840E+01	-0.5317E-12		
		0.7860E+01	0.6247E-15		
		0.8145E+01	0.6179E-15		
		0.8429E+01	0.6142E-15		
		0.8714E+01	0.6136E-15		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6479E+02	0.0000E+00
		0.1500E-02	-0.2086E-03		
		0.3063E+00	-0.1658E-03		
		0.6111E+00	-0.1210E-03		
		0.9159E+00	-0.8069E-04		
		0.1211E+01	-0.4985E-04		
		0.1505E+01	-0.2809E-04		
		0.1800E+01	-0.1441E-04		
		0.3820E+01	-0.1014E-07		
		0.5840E+01	-0.5253E-13		
		0.7860E+01	0.9018E-15		
		0.8145E+01	0.9043E-15		
		0.8429E+01	0.9062E-15		
		0.8714E+01	0.9075E-15		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7383E+02	0.0000E+00

		0.1500E-02	-0.9875E-02		
		0.3063E+00	-0.7754E-02		
		0.6111E+00	-0.5742E-02		
		0.9159E+00	-0.3982E-02		
		0.1211E+01	-0.2611E-02		
		0.1505E+01	-0.1595E-02		
		0.1800E+01	-0.9047E-03		
		0.3820E+01	-0.2122E-05		
		0.5840E+01	-0.8955E-10		
		0.7860E+01	0.4430E-13		
		0.8145E+01	0.4460E-13		
		0.8429E+01	0.4480E-13		
		0.8714E+01	0.4490E-13		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7383E+02	0.0000E+00
		0.1500E-02	-0.5610E-02		
		0.3063E+00	-0.4410E-02		
		0.6111E+00	-0.3268E-02		
		0.9159E+00	-0.2268E-02		
		0.1211E+01	-0.1488E-02		
		0.1505E+01	-0.9093E-03		
		0.1800E+01	-0.5159E-03		
		0.3820E+01	-0.1211E-05		
		0.5840E+01	-0.5113E-10		
		0.7860E+01	0.5774E-14		
		0.8145E+01	0.5951E-14		
		0.8429E+01	0.6059E-14		
		0.8714E+01	0.6099E-14		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7383E+02	0.0000E+00
		0.1500E-02	-0.2518E-02		
		0.3063E+00	-0.1984E-02		
		0.6111E+00	-0.1473E-02		
		0.9159E+00	-0.1024E-02		
		0.1211E+01	-0.6725E-03		
		0.1505E+01	-0.4114E-03		
		0.1800E+01	-0.2335E-03		
		0.3820E+01	-0.5495E-06		
		0.5840E+01	-0.2321E-10		
		0.7860E+01	-0.1403E-13		
		0.8145E+01	-0.1401E-13		
		0.8429E+01	-0.1401E-13		
		0.8714E+01	-0.1402E-13		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7383E+02	0.0000E+00
		0.1500E-02	-0.2119E-03		
		0.3063E+00	-0.1746E-03		
		0.6111E+00	-0.1341E-03		
		0.9159E+00	-0.9556E-04		
		0.1211E+01	-0.6394E-04		
		0.1505E+01	-0.3968E-04		
		0.1800E+01	-0.2278E-04		
		0.3820E+01	-0.5550E-07		
		0.5840E+01	-0.2368E-11		
		0.7860E+01	-0.1338E-13		
		0.8145E+01	-0.1343E-13		
		0.8429E+01	-0.1347E-13		
		0.8714E+01	-0.1349E-13		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8247E+02	0.0000E+00
		0.1500E-02	-0.9969E-02		
		0.3063E+00	-0.8012E-02		
		0.6111E+00	-0.6136E-02		
		0.9159E+00	-0.4451E-02		
		0.1211E+01	-0.3085E-02		
		0.1505E+01	-0.2015E-02		
		0.1800E+01	-0.1237E-02		
		0.3820E+01	-0.7017E-05		
		0.5840E+01	-0.1310E-08		
		0.7860E+01	-0.5710E-13		
		0.8145E+01	-0.5807E-13		
		0.8429E+01	-0.5869E-13		
		0.8714E+01	-0.5895E-13		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8247E+02	0.0000E+00
		0.1500E-02	-0.5664E-02		
		0.3063E+00	-0.4557E-02		
		0.6111E+00	-0.3493E-02		
		0.9159E+00	-0.2536E-02		
		0.1211E+01	-0.1759E-02		
		0.1505E+01	-0.1149E-02		
		0.1800E+01	-0.7059E-03		
		0.3820E+01	-0.4008E-05		
		0.5840E+01	-0.7483E-09		
		0.7860E+01	0.1074E-12		
		0.8145E+01	0.1073E-12		
		0.8429E+01	0.1072E-12		
		0.8714E+01	0.1073E-12		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8247E+02	0.0000E+00
		0.1500E-02	-0.2543E-02		
		0.3063E+00	-0.2051E-02		
		0.6111E+00	-0.1576E-02		
		0.9159E+00	-0.1146E-02		
		0.1211E+01	-0.7957E-03		
		0.1505E+01	-0.5206E-03		
		0.1800E+01	-0.3200E-03		
		0.3820E+01	-0.1822E-05		
		0.5840E+01	-0.3404E-09		
		0.7860E+01	0.1272E-12		
		0.8145E+01	0.1276E-12		
		0.8429E+01	0.1279E-12		
		0.8714E+01	0.1282E-12		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8247E+02	0.0000E+00
		0.1500E-02	-0.2144E-03		
		0.3063E+00	-0.1816E-03		
		0.6111E+00	-0.1448E-03		
		0.9159E+00	-0.1083E-03		
		0.1211E+01	-0.7683E-04		
		0.1505E+01	-0.5111E-04		
		0.1800E+01	-0.3183E-04		
		0.3820E+01	-0.1891E-06		
		0.5840E+01	-0.3578E-10		
		0.7860E+01	0.6200E-13		
		0.8145E+01	0.6246E-13		

		0.8429E+01	0.6277E-13		
		0.8714E+01	0.6293E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9080E+02	0.0000E+00
		0.1500E-02	-0.1004E-01		
		0.3063E+00	-0.8215E-02		
		0.6111E+00	-0.6454E-02		
		0.9159E+00	-0.4844E-02		
		0.1211E+01	-0.3500E-02		
		0.1505E+01	-0.2404E-02		
		0.1800E+01	-0.1567E-02		
		0.3820E+01	-0.1724E-04		
		0.5840E+01	-0.9829E-08		
		0.7860E+01	-0.6553E-12		
		0.8145E+01	-0.6523E-12		
		0.8429E+01	-0.6511E-12		
		0.8714E+01	-0.6513E-12		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9080E+02	0.0000E+00
		0.1500E-02	-0.5706E-02		
		0.3063E+00	-0.4674E-02		
		0.6111E+00	-0.3675E-02		
		0.9159E+00	-0.2761E-02		
		0.1211E+01	-0.1996E-02		
		0.1505E+01	-0.1372E-02		
		0.1800E+01	-0.8942E-03		
		0.3820E+01	-0.9855E-05		
		0.5840E+01	-0.5621E-08		
		0.7860E+01	-0.6106E-12		
		0.8145E+01	-0.6112E-12		
		0.8429E+01	-0.6121E-12		
		0.8714E+01	-0.6129E-12		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9080E+02	0.0000E+00
		0.1500E-02	-0.2562E-02		
		0.3063E+00	-0.2104E-02		
		0.6111E+00	-0.1659E-02		
		0.9159E+00	-0.1248E-02		
		0.1211E+01	-0.9037E-03		
		0.1505E+01	-0.6219E-03		
		0.1800E+01	-0.4058E-03		
		0.3820E+01	-0.4487E-05		
		0.5840E+01	-0.2562E-08		
		0.7860E+01	-0.2227E-12		
		0.8145E+01	-0.2242E-12		
		0.8429E+01	-0.2252E-12		
		0.8714E+01	-0.2258E-12		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9080E+02	0.0000E+00
		0.1500E-02	-0.2165E-03		
		0.3063E+00	-0.1874E-03		
		0.6111E+00	-0.1538E-03		
		0.9159E+00	-0.1194E-03		
		0.1211E+01	-0.8851E-04		
		0.1505E+01	-0.6207E-04		
		0.1800E+01	-0.4110E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.4777E-06		
		0.5840E+01	-0.2770E-09		
		0.7860E+01	0.1297E-12		
		0.8145E+01	0.1290E-12		
		0.8429E+01	0.1286E-12		
		0.8714E+01	0.1286E-12		
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9886E+02	0.0000E+00
		0.1500E-02	-0.1010E-01		
		0.3063E+00	-0.8379E-02		
		0.6111E+00	-0.6715E-02		
		0.9159E+00	-0.5175E-02		
		0.1211E+01	-0.3861E-02		
		0.1505E+01	-0.2759E-02		
		0.1800E+01	-0.1883E-02		
		0.3820E+01	-0.3470E-04		
		0.5840E+01	-0.4718E-07		
		0.7860E+01	0.1481E-11		
		0.8145E+01	0.1546E-11		
		0.8429E+01	0.1580E-11		
		0.8714E+01	0.1591E-11		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9886E+02	0.0000E+00
		0.1500E-02	-0.5740E-02		
		0.3063E+00	-0.4767E-02		
		0.6111E+00	-0.3825E-02		
		0.9159E+00	-0.2950E-02		
		0.1211E+01	-0.2203E-02		
		0.1505E+01	-0.1575E-02		
		0.1800E+01	-0.1075E-02		
		0.3820E+01	-0.1985E-04		
		0.5840E+01	-0.2700E-07		
		0.7860E+01	-0.2561E-12		
		0.8145E+01	-0.2199E-12		
		0.8429E+01	-0.2012E-12		
		0.8714E+01	-0.1955E-12		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9886E+02	0.0000E+00
		0.1500E-02	-0.2577E-02		
		0.3063E+00	-0.2147E-02		
		0.6111E+00	-0.1727E-02		
		0.9159E+00	-0.1335E-02		
		0.1211E+01	-0.9983E-03		
		0.1505E+01	-0.7147E-03		
		0.1800E+01	-0.4885E-03		
		0.3820E+01	-0.9053E-05		
		0.5840E+01	-0.1233E-07		
		0.7860E+01	-0.1164E-11		
		0.8145E+01	-0.1151E-11		
		0.8429E+01	-0.1144E-11		
		0.8714E+01	-0.1143E-11		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9886E+02	0.0000E+00
		0.1500E-02	-0.2182E-03		
		0.3063E+00	-0.1921E-03		
		0.6111E+00	-0.1614E-03		

		0.9159E+00	-0.1290E-03		
		0.1211E+01	-0.9905E-04		
		0.1505E+01	-0.7240E-04		
		0.1800E+01	-0.5032E-04		
		0.3820E+01	-0.9872E-06		
		0.5840E+01	-0.1369E-08		
		0.7860E+01	-0.1114E-11		
		0.8145E+01	-0.1116E-11		
		0.8429E+01	-0.1117E-11		
		0.8714E+01	-0.1118E-11		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1067E+03	0.0000E+00
		0.1500E-02	-0.1015E-01		
		0.3063E+00	-0.8513E-02		
		0.6111E+00	-0.6932E-02		
		0.9159E+00	-0.5456E-02		
		0.1211E+01	-0.4177E-02		
		0.1505E+01	-0.3080E-02		
		0.1800E+01	-0.2181E-02		
		0.3820E+01	-0.6068E-04		
		0.5840E+01	-0.1654E-06		
		0.7860E+01	0.9681E-11		
		0.8145E+01	0.1018E-10		
		0.8429E+01	0.1044E-10		
		0.8714E+01	0.1053E-10		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1067E+03	0.0000E+00
		0.1500E-02	-0.5767E-02		
		0.3063E+00	-0.4844E-02		
		0.6111E+00	-0.3949E-02		
		0.9159E+00	-0.3111E-02		
		0.1211E+01	-0.2384E-02		
		0.1505E+01	-0.1759E-02		
		0.1800E+01	-0.1246E-02		
		0.3820E+01	-0.3474E-04		
		0.5840E+01	-0.9476E-07		
		0.7860E+01	0.4568E-11		
		0.8145E+01	0.4849E-11		
		0.8429E+01	0.4995E-11		
		0.8714E+01	0.5044E-11		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1067E+03	0.0000E+00
		0.1500E-02	-0.2590E-02		
		0.3063E+00	-0.2182E-02		
		0.6111E+00	-0.1784E-02		
		0.9159E+00	-0.1408E-02		
		0.1211E+01	-0.1081E-02		
		0.1505E+01	-0.7988E-03		
		0.1800E+01	-0.5666E-03		
		0.3820E+01	-0.1587E-04		
		0.5840E+01	-0.4336E-07		
		0.7860E+01	0.1651E-11		
		0.8145E+01	0.1787E-11		
		0.8429E+01	0.1861E-11		
		0.8714E+01	0.1886E-11		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1067E+03	0.0000E+00
		0.1500E-02	-0.2196E-03		
		0.3063E+00	-0.1962E-03		
		0.6111E+00	-0.1679E-03		
		0.9159E+00	-0.1375E-03		
		0.1211E+01	-0.1086E-03		
		0.1505E+01	-0.8205E-04		
		0.1800E+01	-0.5928E-04		
		0.3820E+01	-0.1770E-05		
		0.5840E+01	-0.4939E-08		
		0.7860E+01	-0.6678E-12		
		0.8145E+01	-0.6418E-12		
		0.8429E+01	-0.6240E-12		
		0.8714E+01	-0.6183E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1144E+03	0.0000E+00
		0.1500E-02	-0.1019E-01		
		0.3063E+00	-0.8625E-02		
		0.6111E+00	-0.7114E-02		
		0.9159E+00	-0.5697E-02		
		0.1211E+01	-0.4454E-02		
		0.1505E+01	-0.3368E-02		
		0.1800E+01	-0.2458E-02		
		0.3820E+01	-0.9578E-04		
		0.5840E+01	-0.4612E-06		
		0.7860E+01	0.7426E-10		
		0.8145E+01	0.7733E-10		
		0.8429E+01	0.7895E-10		
		0.8714E+01	0.7951E-10		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1144E+03	0.0000E+00
		0.1500E-02	-0.5790E-02		
		0.3063E+00	-0.4908E-02		
		0.6111E+00	-0.4054E-02		
		0.9159E+00	-0.3249E-02		
		0.1211E+01	-0.2543E-02		
		0.1505E+01	-0.1924E-02		
		0.1800E+01	-0.1405E-02		
		0.3820E+01	-0.5487E-04		
		0.5840E+01	-0.2644E-06		
		0.7860E+01	0.2208E-10		
		0.8145E+01	0.2368E-10		
		0.8429E+01	0.2452E-10		
		0.8714E+01	0.2480E-10		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1144E+03	0.0000E+00
		0.1500E-02	-0.2600E-02		
		0.3063E+00	-0.2212E-02		
		0.6111E+00	-0.1832E-02		
		0.9159E+00	-0.1472E-02		
		0.1211E+01	-0.1154E-02		
		0.1505E+01	-0.8748E-03		
		0.1800E+01	-0.6396E-03		
		0.3820E+01	-0.2511E-04		
		0.5840E+01	-0.1212E-06		
		0.7860E+01	0.9891E-11		

		0.8145E+01	0.1062E-10		
		0.8429E+01	0.1102E-10		
		0.8714E+01	0.1115E-10		
.5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1144E+03	0.0000E+00
		0.1500E-02	-0.2209E-03		
		0.3063E+00	-0.1996E-03		
		0.6111E+00	-0.1736E-03		
		0.9159E+00	-0.1450E-03		
		0.1211E+01	-0.1172E-03		
		0.1505E+01	-0.9102E-04		
		0.1800E+01	-0.6790E-04		
		0.3820E+01	-0.2861E-05		
		0.5840E+01	-0.1415E-07		
		0.7860E+01	0.5901E-11		
		0.8145E+01	0.6036E-11		
		0.8429E+01	0.6133E-11		
		0.8714E+01	0.6173E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1219E+03	0.0000E+00
		0.1500E-02	-0.1022E-01		
		0.3063E+00	-0.8719E-02		
		0.6111E+00	-0.7269E-02		
		0.9159E+00	-0.5905E-02		
		0.1211E+01	-0.4698E-02		
		0.1505E+01	-0.3628E-02		
		0.1800E+01	-0.2714E-02		
		0.3820E+01	-0.1399E-03		
		0.5840E+01	-0.1082E-05		
		0.7860E+01	0.5910E-09		
		0.8145E+01	0.6058E-09		
		0.8429E+01	0.6138E-09		
		0.8714E+01	0.6169E-09		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1219E+03	0.0000E+00
		0.1500E-02	-0.5809E-02		
		0.3063E+00	-0.4962E-02		
		0.6111E+00	-0.4143E-02		
		0.9159E+00	-0.3369E-02		
		0.1211E+01	-0.2682E-02		
		0.1505E+01	-0.2073E-02		
		0.1800E+01	-0.1552E-02		
		0.3820E+01	-0.8021E-04		
		0.5840E+01	-0.6209E-06		
		0.7860E+01	0.1708E-09		
		0.8145E+01	0.1782E-09		
		0.8429E+01	0.1822E-09		
		0.8714E+01	0.1836E-09		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1219E+03	0.0000E+00
		0.1500E-02	-0.2609E-02		
		0.3063E+00	-0.2236E-02		
		0.6111E+00	-0.1873E-02		
		0.9159E+00	-0.1527E-02		
		0.1211E+01	-0.1218E-02		
		0.1505E+01	-0.9433E-03		

		0.1800E+01	-0.7072E-03		
		0.3820E+01	-0.3676E-04		
		0.5840E+01	-0.2851E-06		
		0.7860E+01	0.5018E-10		
		0.8145E+01	0.5342E-10		
		0.8429E+01	0.5518E-10		
		0.8714E+01	0.5578E-10		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1219E+03	0.0000E+00
		0.1500E-02	-0.2219E-03		
		0.3063E+00	-0.2026E-03		
		0.6111E+00	-0.1785E-03		
		0.9159E+00	-0.1516E-03		
		0.1211E+01	-0.1250E-03		
		0.1505E+01	-0.9933E-04		
		0.1800E+01	-0.7610E-04		
		0.3820E+01	-0.4275E-05		
		0.5840E+01	-0.3406E-07		
		0.7860E+01	0.2148E-10		
		0.8145E+01	0.2203E-10		
		0.8429E+01	0.2244E-10		
		0.8714E+01	0.2260E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1293E+03	0.0000E+00
		0.1500E-02	-0.1025E-01		
		0.3063E+00	-0.8799E-02		
		0.6111E+00	-0.7402E-02		
		0.9159E+00	-0.6085E-02		
		0.1211E+01	-0.4912E-02		
		0.1505E+01	-0.3862E-02		
		0.1800E+01	-0.2950E-02		
		0.3820E+01	-0.1925E-03		
		0.5840E+01	-0.2223E-05		
		0.7860E+01	0.3451E-08		
		0.8145E+01	0.3508E-08		
		0.8429E+01	0.3541E-08		
		0.8714E+01	0.3555E-08		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1293E+03	0.0000E+00
		0.1500E-02	-0.5826E-02		
		0.3063E+00	-0.5008E-02		
		0.6111E+00	-0.4219E-02		
		0.9159E+00	-0.3472E-02		
		0.1211E+01	-0.2806E-02		
		0.1505E+01	-0.2207E-02		
		0.1800E+01	-0.1688E-02		
		0.3820E+01	-0.1105E-03		
		0.5840E+01	-0.1277E-05		
		0.7860E+01	0.1141E-08		
		0.8145E+01	0.1170E-08		
		0.8429E+01	0.1185E-08		
		0.8714E+01	0.1191E-08		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1293E+03	0.0000E+00
		0.1500E-02	-0.2616E-02		
		0.3063E+00	-0.2258E-02		

		0.6111E+00	-0.1908E-02		
		0.9159E+00	-0.1574E-02		
		0.1211E+01	-0.1275E-02		
		0.1505E+01	-0.1005E-02		
		0.1800E+01	-0.7697E-03		
		0.3820E+01	-0.5070E-04		
		0.5840E+01	-0.5873E-06		
		0.7860E+01	0.3571E-09		
		0.8145E+01	0.3693E-09		
		0.8429E+01	0.3762E-09		
		0.8714E+01	0.3786E-09		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1293E+03	0.0000E+00
		0.1500E-02	-0.2229E-03		
		0.3063E+00	-0.2053E-03		
		0.6111E+00	-0.1829E-03		
		0.9159E+00	-0.1576E-03		
		0.1211E+01	-0.1320E-03		
		0.1505E+01	-0.1070E-03		
		0.1800E+01	-0.8388E-04		
		0.3820E+01	-0.6011E-05		
		0.5840E+01	-0.7173E-07		
		0.7860E+01	0.1146E-09		
		0.8145E+01	0.1169E-09		
		0.8429E+01	0.1186E-09		
		0.8714E+01	0.1192E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1365E+03	0.0000E+00
		0.1500E-02	-0.1027E-01		
		0.3063E+00	-0.8867E-02		
		0.6111E+00	-0.7517E-02		
		0.9159E+00	-0.6242E-02		
		0.1211E+01	-0.5102E-02		
		0.1505E+01	-0.4071E-02		
		0.1800E+01	-0.3166E-02		
		0.3820E+01	-0.2528E-03		
		0.5840E+01	-0.4113E-05		
		0.7860E+01	0.1552E-07		
		0.8145E+01	0.1571E-07		
		0.8429E+01	0.1582E-07		
		0.8714E+01	0.1587E-07		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1365E+03	0.0000E+00
		0.1500E-02	-0.5839E-02		
		0.3063E+00	-0.5048E-02		
		0.6111E+00	-0.4285E-02		
		0.9159E+00	-0.3563E-02		
		0.1211E+01	-0.2915E-02		
		0.1505E+01	-0.2328E-02		
		0.1800E+01	-0.1812E-02		
		0.3820E+01	-0.1451E-03		
		0.5840E+01	-0.2364E-05		
		0.7860E+01	0.5724E-08		
		0.8145E+01	0.5817E-08		
		0.8429E+01	0.5871E-08		
		0.8714E+01	0.5893E-08		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1365E+03	0.0000E+00
		0.1500E-02	-0.2623E-02		
		0.3063E+00	-0.2276E-02		
		0.6111E+00	-0.1938E-02		
		0.9159E+00	-0.1616E-02		
		0.1211E+01	-0.1326E-02		
		0.1505E+01	-0.1061E-02		
		0.1800E+01	-0.8271E-03		
		0.3820E+01	-0.6670E-04		
		0.5840E+01	-0.1089E-05		
		0.7860E+01	0.2022E-08		
		0.8145E+01	0.2063E-08		
		0.8429E+01	0.2086E-08		
		0.8714E+01	0.2095E-08		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1365E+03	0.0000E+00
		0.1500E-02	-0.2237E-03		
		0.3063E+00	-0.2076E-03		
		0.6111E+00	-0.1868E-03		
		0.9159E+00	-0.1629E-03		
		0.1211E+01	-0.1385E-03		
		0.1505E+01	-0.1141E-03		
		0.1800E+01	-0.9121E-04		
		0.3820E+01	-0.8055E-05		
		0.5840E+01	-0.1359E-06		
		0.7860E+01	0.6943E-09		
		0.8145E+01	0.7033E-09		
		0.8429E+01	0.7096E-09		
		0.8714E+01	0.7123E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1437E+03	0.0000E+00
		0.1500E-02	-0.1030E-01		
		0.3063E+00	-0.8927E-02		
		0.6111E+00	-0.7617E-02		
		0.9159E+00	-0.6380E-02		
		0.1211E+01	-0.5270E-02		
		0.1505E+01	-0.4260E-02		
		0.1800E+01	-0.3364E-02		
		0.3820E+01	-0.3195E-03		
		0.5840E+01	-0.6996E-05		
		0.7860E+01	0.5706E-07		
		0.8145E+01	0.5762E-07		
		0.8429E+01	0.5797E-07		
		0.8714E+01	0.5812E-07		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1437E+03	0.0000E+00
		0.1500E-02	-0.5851E-02		
		0.3063E+00	-0.5082E-02		
		0.6111E+00	-0.4343E-02		
		0.9159E+00	-0.3642E-02		
		0.1211E+01	-0.3012E-02		
		0.1505E+01	-0.2437E-02		
		0.1800E+01	-0.1926E-02		
		0.3820E+01	-0.1836E-03		
		0.5840E+01	-0.4024E-05		

		0.7860E+01	0.2291E-07		
		0.8145E+01	0.2319E-07		
		0.8429E+01	0.2335E-07		
		0.8714E+01	0.2342E-07		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1437E+03	0.0000E+00
		0.1500E-02	-0.2628E-02		
		0.3063E+00	-0.2292E-02		
		0.6111E+00	-0.1965E-02		
		0.9159E+00	-0.1653E-02		
		0.1211E+01	-0.1370E-02		
		0.1505E+01	-0.1111E-02		
		0.1800E+01	-0.8799E-03		
		0.3820E+01	-0.8449E-04		
		0.5840E+01	-0.1858E-05		
		0.7860E+01	0.8896E-08		
		0.8145E+01	0.9016E-08		
		0.8429E+01	0.9087E-08		
		0.8714E+01	0.9118E-08		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1437E+03	0.0000E+00
		0.1500E-02	-0.2244E-03		
		0.3063E+00	-0.2097E-03		
		0.6111E+00	-0.1903E-03		
		0.9159E+00	-0.1677E-03		
		0.1211E+01	-0.1443E-03		
		0.1505E+01	-0.1207E-03		
		0.1800E+01	-0.9812E-04		
		0.3820E+01	-0.1038E-04		
		0.5840E+01	-0.2365E-06		
		0.7860E+01	0.3359E-08		
		0.8145E+01	0.3391E-08		
		0.8429E+01	0.3412E-08		
		0.8714E+01	0.3423E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1507E+03	0.0000E+00
		0.1500E-02	-0.1031E-01		
		0.3063E+00	-0.8978E-02		
		0.6111E+00	-0.7705E-02		
		0.9159E+00	-0.6502E-02		
		0.1211E+01	-0.5420E-02		
		0.1505E+01	-0.4431E-02		
		0.1800E+01	-0.3546E-02		
		0.3820E+01	-0.3917E-03		
		0.5840E+01	-0.1111E-04		
		0.7860E+01	0.1787E-06		
		0.8145E+01	0.1802E-06		
		0.8429E+01	0.1811E-06		
		0.8714E+01	0.1816E-06		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1507E+03	0.0000E+00
		0.1500E-02	-0.5862E-02		
		0.3063E+00	-0.5111E-02		
		0.6111E+00	-0.4393E-02		
		0.9159E+00	-0.3712E-02		
		0.1211E+01	-0.3098E-02		

		0.1505E+01	-0.2535E-02		
		0.1800E+01	-0.2031E-02		
		0.3820E+01	-0.2251E-03		
		0.5840E+01	-0.6398E-05		
		0.7860E+01	0.7701E-07		
		0.8145E+01	0.7774E-07		
		0.8429E+01	0.7818E-07		
		0.8714E+01	0.7839E-07		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1507E+03	0.0000E+00
		0.1500E-02	-0.2633E-02		
		0.3063E+00	-0.2305E-02		
		0.6111E+00	-0.1988E-02		
		0.9159E+00	-0.1686E-02		
		0.1211E+01	-0.1410E-02		
		0.1505E+01	-0.1157E-02		
		0.1800E+01	-0.9283E-03		
		0.3820E+01	-0.1038E-03		
		0.5840E+01	-0.2958E-05		
		0.7860E+01	0.3222E-07		
		0.8145E+01	0.3255E-07		
		0.8429E+01	0.3275E-07		
		0.8714E+01	0.3284E-07		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1507E+03	0.0000E+00
		0.1500E-02	-0.2251E-03		
		0.3063E+00	-0.2115E-03		
		0.6111E+00	-0.1934E-03		
		0.9159E+00	-0.1721E-03		
		0.1211E+01	-0.1497E-03		
		0.1505E+01	-0.1268E-03		
		0.1800E+01	-0.1046E-03		
		0.3820E+01	-0.1297E-04		
		0.5840E+01	-0.3841E-06		
		0.7860E+01	0.1314E-07		
		0.8145E+01	0.1324E-07		
		0.8429E+01	0.1331E-07		
		0.8714E+01	0.1335E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1577E+03	0.0000E+00
		0.1500E-02	-0.1033E-01		
		0.3063E+00	-0.9023E-02		
		0.6111E+00	-0.7781E-02		
		0.9159E+00	-0.6610E-02		
		0.1211E+01	-0.5554E-02		
		0.1505E+01	-0.4584E-02		
		0.1800E+01	-0.3711E-02		
		0.3820E+01	-0.4681E-03		
		0.5840E+01	-0.1669E-04		
		0.7860E+01	0.4910E-06		
		0.8145E+01	0.4946E-06		
		0.8429E+01	0.4968E-06		
		0.8714E+01	0.4979E-06		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1577E+03	0.0000E+00
		0.1500E-02	-0.5871E-02		

		0.3063E+00	-0.5137E-02		
		0.6111E+00	-0.4437E-02		
		0.9159E+00	-0.3775E-02		
		0.1211E+01	-0.3175E-02		
		0.1505E+01	-0.2624E-02		
		0.1800E+01	-0.2126E-02		
		0.3820E+01	-0.2692E-03		
		0.5840E+01	-0.9613E-05		
		0.7860E+01	0.2248E-06		
		0.8145E+01	0.2265E-06		
		0.8429E+01	0.2276E-06		
		0.8714E+01	0.2282E-06		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1577E+03	0.0000E+00
		0.1500E-02	-0.2637E-02		
		0.3063E+00	-0.2317E-02		
		0.6111E+00	-0.2009E-02		
		0.9159E+00	-0.1714E-02		
		0.1211E+01	-0.1446E-02		
		0.1505E+01	-0.1198E-02		
		0.1800E+01	-0.9728E-03		
		0.3820E+01	-0.1242E-03		
		0.5840E+01	-0.4453E-05		
		0.7860E+01	0.1001E-06		
		0.8145E+01	0.1010E-06		
		0.8429E+01	0.1015E-06		
		0.8714E+01	0.1017E-06		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1577E+03	0.0000E+00
		0.1500E-02	-0.2256E-03		
		0.3063E+00	-0.2132E-03		
		0.6111E+00	-0.1962E-03		
		0.9159E+00	-0.1760E-03		
		0.1211E+01	-0.1546E-03		
		0.1505E+01	-0.1325E-03		
		0.1800E+01	-0.1107E-03		
		0.3820E+01	-0.1577E-04		
		0.5840E+01	-0.5890E-06		
		0.7860E+01	0.4356E-07		
		0.8145E+01	0.4385E-07		
		0.8429E+01	0.4405E-07		
		0.8714E+01	0.4415E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1646E+03	0.0000E+00
		0.1500E-02	-0.1034E-01		
		0.3063E+00	-0.9063E-02		
		0.6111E+00	-0.7849E-02		
		0.9159E+00	-0.6705E-02		
		0.1211E+01	-0.5674E-02		
		0.1505E+01	-0.4723E-02		
		0.1800E+01	-0.3863E-02		
		0.3820E+01	-0.5476E-03		
		0.5840E+01	-0.2390E-04		
		0.7860E+01	0.1209E-05		
		0.8145E+01	0.1217E-05		
		0.8429E+01	0.1222E-05		

		0.8714E+01	0.1224E-05		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1646E+03	0.0000E+00
		0.1500E-02	-0.5879E-02		
		0.3063E+00	-0.5160E-02		
		0.6111E+00	-0.4476E-02		
		0.9159E+00	-0.3830E-02		
		0.1211E+01	-0.3245E-02		
		0.1505E+01	-0.2704E-02		
		0.1800E+01	-0.2214E-02		
		0.3820E+01	-0.3152E-03		
		0.5840E+01	-0.1378E-04		
		0.7860E+01	0.5836E-06		
		0.8145E+01	0.5876E-06		
		0.8429E+01	0.5902E-06		
		0.8714E+01	0.5915E-06		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1646E+03	0.0000E+00
		0.1500E-02	-0.2641E-02		
		0.3063E+00	-0.2328E-02		
		0.6111E+00	-0.2027E-02		
		0.9159E+00	-0.1740E-02		
		0.1211E+01	-0.1478E-02		
		0.1505E+01	-0.1235E-02		
		0.1800E+01	-0.1013E-02		
		0.3820E+01	-0.1456E-03		
		0.5840E+01	-0.6393E-05		
		0.7860E+01	0.2747E-06		
		0.8145E+01	0.2766E-06		
		0.8429E+01	0.2779E-06		
		0.8714E+01	0.2785E-06		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1646E+03	0.0000E+00
		0.1500E-02	-0.2262E-03		
		0.3063E+00	-0.2147E-03		
		0.6111E+00	-0.1988E-03		
		0.9159E+00	-0.1796E-03		
		0.1211E+01	-0.1591E-03		
		0.1505E+01	-0.1377E-03		
		0.1800E+01	-0.1164E-03		
		0.3820E+01	-0.1877E-04		
		0.5840E+01	-0.8610E-06		
		0.7860E+01	0.1263E-06		
		0.8145E+01	0.1271E-06		
		0.8429E+01	0.1276E-06		
		0.8714E+01	0.1279E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1714E+03	0.0000E+00
		0.1500E-02	-0.1036E-01		
		0.3063E+00	-0.9098E-02		
		0.6111E+00	-0.7909E-02		
		0.9159E+00	-0.6791E-02		
		0.1211E+01	-0.5781E-02		
		0.1505E+01	-0.4849E-02		
		0.1800E+01	-0.4001E-02		
		0.3820E+01	-0.6293E-03		

		0.5840E+01	-0.3290E-04		
		0.7860E+01	0.2714E-05		
		0.8145E+01	0.2730E-05		
		0.8429E+01	0.2741E-05		
		0.8714E+01	0.2746E-05		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1714E+03	0.0000E+00
		0.1500E-02	-0.5886E-02		
		0.3063E+00	-0.5181E-02		
		0.6111E+00	-0.4511E-02		
		0.9159E+00	-0.3879E-02		
		0.1211E+01	-0.3307E-02		
		0.1505E+01	-0.2777E-02		
		0.1800E+01	-0.2294E-02		
		0.3820E+01	-0.3624E-03		
		0.5840E+01	-0.1899E-04		
		0.7860E+01	0.1374E-05		
		0.8145E+01	0.1382E-05		
		0.8429E+01	0.1387E-05		
		0.8714E+01	0.1390E-05		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1714E+03	0.0000E+00
		0.1500E-02	-0.2644E-02		
		0.3063E+00	-0.2338E-02		
		0.6111E+00	-0.2043E-02		
		0.9159E+00	-0.1763E-02		
		0.1211E+01	-0.1507E-02		
		0.1505E+01	-0.1269E-02		
		0.1800E+01	-0.1051E-02		
		0.3820E+01	-0.1677E-03		
		0.5840E+01	-0.8821E-05		
		0.7860E+01	0.6788E-06		
		0.8145E+01	0.6830E-06		
		0.8429E+01	0.6858E-06		
		0.8714E+01	0.6873E-06		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1714E+03	0.0000E+00
		0.1500E-02	-0.2266E-03		
		0.3063E+00	-0.2160E-03		
		0.6111E+00	-0.2011E-03		
		0.9159E+00	-0.1829E-03		
		0.1211E+01	-0.1633E-03		
		0.1505E+01	-0.1426E-03		
		0.1800E+01	-0.1217E-03		
		0.3820E+01	-0.2193E-04		
		0.5840E+01	-0.1209E-05		
		0.7860E+01	0.3280E-06		
		0.8145E+01	0.3298E-06		
		0.8429E+01	0.3310E-06		
		0.8714E+01	0.3317E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1782E+03	0.0000E+00
		0.1500E-02	-0.1037E-01		
		0.3063E+00	-0.9129E-02		
		0.6111E+00	-0.7962E-02		
		0.9159E+00	-0.6867E-02		

		0.1211E+01	-0.5878E-02		
		0.1505E+01	-0.4963E-02		
		0.1800E+01	-0.4128E-02		
		0.3820E+01	-0.7123E-03		
		0.5840E+01	-0.4379E-04		
		0.7860E+01	0.5633E-05		
		0.8145E+01	0.5663E-05		
		0.8429E+01	0.5683E-05		
		0.8714E+01	0.5695E-05		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1782E+03	0.0000E+00
		0.1500E-02	-0.5892E-02		
		0.3063E+00	-0.5199E-02		
		0.6111E+00	-0.4542E-02		
		0.9159E+00	-0.3923E-02		
		0.1211E+01	-0.3363E-02		
		0.1505E+01	-0.2843E-02		
		0.1800E+01	-0.2367E-02		
		0.3820E+01	-0.4104E-03		
		0.5840E+01	-0.2529E-04		
		0.7860E+01	0.2973E-05		
		0.8145E+01	0.2990E-05		
		0.8429E+01	0.3001E-05		
		0.8714E+01	0.3007E-05		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1782E+03	0.0000E+00
		0.1500E-02	-0.2647E-02		
		0.3063E+00	-0.2346E-02		
		0.6111E+00	-0.2058E-02		
		0.9159E+00	-0.1784E-02		
		0.1211E+01	-0.1534E-02		
		0.1505E+01	-0.1300E-02		
		0.1800E+01	-0.1085E-02		
		0.3820E+01	-0.1901E-03		
		0.5840E+01	-0.1177E-04		
		0.7860E+01	0.1535E-05		
		0.8145E+01	0.1543E-05		
		0.8429E+01	0.1549E-05		
		0.8714E+01	0.1552E-05		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1782E+03	0.0000E+00
		0.1500E-02	-0.2271E-03		
		0.3063E+00	-0.2172E-03		
		0.6111E+00	-0.2032E-03		
		0.9159E+00	-0.1859E-03		
		0.1211E+01	-0.1671E-03		
		0.1505E+01	-0.1471E-03		
		0.1800E+01	-0.1268E-03		
		0.3820E+01	-0.2521E-04		
		0.5840E+01	-0.1639E-05		
		0.7860E+01	0.7752E-06		
		0.8145E+01	0.7792E-06		
		0.8429E+01	0.7820E-06		
		0.8714E+01	0.7835E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1849E+03	0.0000E+00

		0.1500E-02	-0.1038E-01		
		0.3063E+00	-0.9157E-02		
		0.6111E+00	-0.8010E-02		
		0.9159E+00	-0.6935E-02		
		0.1211E+01	-0.5965E-02		
		0.1505E+01	-0.5067E-02		
		0.1800E+01	-0.4244E-02		
		0.3820E+01	-0.7958E-03		
		0.5840E+01	-0.5661E-04		
		0.7860E+01	0.1092E-04		
		0.8145E+01	0.1098E-04		
		0.8429E+01	0.1102E-04		
		0.8714E+01	0.1104E-04		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1849E+03	0.0000E+00
		0.1500E-02	-0.5898E-02		
		0.3063E+00	-0.5215E-02		
		0.6111E+00	-0.4570E-02		
		0.9159E+00	-0.3963E-02		
		0.1211E+01	-0.3413E-02		
		0.1505E+01	-0.2903E-02		
		0.1800E+01	-0.2434E-02		
		0.3820E+01	-0.4588E-03		
		0.5840E+01	-0.3271E-04		
		0.7860E+01	0.5990E-05		
		0.8145E+01	0.6021E-05		
		0.8429E+01	0.6042E-05		
		0.8714E+01	0.6054E-05		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1849E+03	0.0000E+00
		0.1500E-02	-0.2650E-02		
		0.3063E+00	-0.2353E-02		
		0.6111E+00	-0.2071E-02		
		0.9159E+00	-0.1802E-02		
		0.1211E+01	-0.1557E-02		
		0.1505E+01	-0.1328E-02		
		0.1800E+01	-0.1117E-02		
		0.3820E+01	-0.2128E-03		
		0.5840E+01	-0.1525E-04		
		0.7860E+01	0.3216E-05		
		0.8145E+01	0.3232E-05		
		0.8429E+01	0.3244E-05		
		0.8714E+01	0.3250E-05		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1849E+03	0.0000E+00
		0.1500E-02	-0.2274E-03		
		0.3063E+00	-0.2184E-03		
		0.6111E+00	-0.2051E-03		
		0.9159E+00	-0.1887E-03		
		0.1211E+01	-0.1706E-03		
		0.1505E+01	-0.1513E-03		
		0.1800E+01	-0.1315E-03		
		0.3820E+01	-0.2859E-04		
		0.5840E+01	-0.2158E-05		
		0.7860E+01	0.1691E-05		
		0.8145E+01	0.1699E-05		
		0.8429E+01	0.1705E-05		
		0.8714E+01	0.1708E-05		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1915E+03	0.0000E+00
		0.1500E-02	-0.1038E-01		
		0.3063E+00	-0.9181E-02		
		0.6111E+00	-0.8053E-02		
		0.9159E+00	-0.6996E-02		
		0.1211E+01	-0.6044E-02		
		0.1505E+01	-0.5161E-02		
		0.1800E+01	-0.4350E-02		
		0.3820E+01	-0.8791E-03		
		0.5840E+01	-0.7137E-04		
		0.7860E+01	0.1998E-04		
		0.8145E+01	0.2008E-04		
		0.8429E+01	0.2014E-04		
		0.8714E+01	0.2018E-04		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1915E+03	0.0000E+00
		0.1500E-02	-0.5903E-02		
		0.3063E+00	-0.5229E-02		
		0.6111E+00	-0.4594E-02		
		0.9159E+00	-0.3998E-02		
		0.1211E+01	-0.3459E-02		
		0.1505E+01	-0.2957E-02		
		0.1800E+01	-0.2496E-02		
		0.3820E+01	-0.5071E-03		
		0.5840E+01	-0.4127E-04		
		0.7860E+01	0.1134E-04		
		0.8145E+01	0.1139E-04		
		0.8429E+01	0.1143E-04		
		0.8714E+01	0.1145E-04		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1915E+03	0.0000E+00
		0.1500E-02	-0.2652E-02		
		0.3063E+00	-0.2360E-02		
		0.6111E+00	-0.2082E-02		
		0.9159E+00	-0.1819E-02		
		0.1211E+01	-0.1579E-02		
		0.1505E+01	-0.1354E-02		
		0.1800E+01	-0.1146E-02		
		0.3820E+01	-0.2355E-03		
		0.5840E+01	-0.1926E-04		
		0.7860E+01	0.6307E-05		
		0.8145E+01	0.6338E-05		
		0.8429E+01	0.6359E-05		
		0.8714E+01	0.6371E-05		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1915E+03	0.0000E+00
		0.1500E-02	-0.2278E-03		
		0.3063E+00	-0.2194E-03		
		0.6111E+00	-0.2069E-03		
		0.9159E+00	-0.1912E-03		
		0.1211E+01	-0.1739E-03		
		0.1505E+01	-0.1551E-03		
		0.1800E+01	-0.1359E-03		
		0.3820E+01	-0.3204E-04		
		0.5840E+01	-0.2768E-05		
		0.7860E+01	0.3440E-05		
		0.8145E+01	0.3455E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.3467E-05		
		0.8714E+01	0.3473E-05		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1981E+03	0.0000E+00
		0.1500E-02	-0.1039E-01		
		0.3063E+00	-0.9203E-02		
		0.6111E+00	-0.8091E-02		
		0.9159E+00	-0.7052E-02		
		0.1211E+01	-0.6115E-02		
		0.1505E+01	-0.5246E-02		
		0.1800E+01	-0.4448E-02		
		0.3820E+01	-0.9617E-03		
		0.5840E+01	-0.8802E-04		
		0.7860E+01	0.3474E-04		
		0.8145E+01	0.3490E-04		
		0.8429E+01	0.3500E-04		
		0.8714E+01	0.3507E-04		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1981E+03	0.0000E+00
		0.1500E-02	-0.5907E-02		
		0.3063E+00	-0.5242E-02		
		0.6111E+00	-0.4617E-02		
		0.9159E+00	-0.4030E-02		
		0.1211E+01	-0.3500E-02		
		0.1505E+01	-0.3007E-02		
		0.1800E+01	-0.2553E-02		
		0.3820E+01	-0.5550E-03		
		0.5840E+01	-0.5094E-04		
		0.7860E+01	0.2034E-04		
		0.8145E+01	0.2043E-04		
		0.8429E+01	0.2049E-04		
		0.8714E+01	0.2053E-04		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1981E+03	0.0000E+00
		0.1500E-02	-0.2654E-02		
		0.3063E+00	-0.2366E-02		
		0.6111E+00	-0.2093E-02		
		0.9159E+00	-0.1834E-02		
		0.1211E+01	-0.1598E-02		
		0.1505E+01	-0.1377E-02		
		0.1800E+01	-0.1172E-02		
		0.3820E+01	-0.2580E-03		
		0.5840E+01	-0.2381E-04		
		0.7860E+01	0.1168E-04		
		0.8145E+01	0.1174E-04		
		0.8429E+01	0.1177E-04		
		0.8714E+01	0.1180E-04		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1981E+03	0.0000E+00
		0.1500E-02	-0.2281E-03		
		0.3063E+00	-0.2203E-03		
		0.6111E+00	-0.2085E-03		
		0.9159E+00	-0.1936E-03		
		0.1211E+01	-0.1769E-03		
		0.1505E+01	-0.1588E-03		
		0.1800E+01	-0.1400E-03		

		0.3820E+01	-0.3553E-04		
		0.5840E+01	-0.3471E-05		
		0.7860E+01	0.6586E-05		
		0.8145E+01	0.6615E-05		
		0.8429E+01	0.6635E-05		
		0.8714E+01	0.6647E-05		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.2047E+03	0.0000E+00
		0.1500E-02	-0.1040E-01		
		0.3063E+00	-0.9223E-02		
		0.6111E+00	-0.8126E-02		
		0.9159E+00	-0.7101E-02		
		0.1211E+01	-0.6180E-02		
		0.1505E+01	-0.5324E-02		
		0.1800E+01	-0.4537E-02		
		0.3820E+01	-0.1043E-02		
		0.5840E+01	-0.1065E-03		
		0.7860E+01	0.5775E-04		
		0.8145E+01	0.5799E-04		
		0.8429E+01	0.5817E-04		
		0.8714E+01	0.5827E-04		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.2047E+03	0.0000E+00
		0.1500E-02	-0.5911E-02		
		0.3063E+00	-0.5253E-02		
		0.6111E+00	-0.4637E-02		
		0.9159E+00	-0.4059E-02		
		0.1211E+01	-0.3538E-02		
		0.1505E+01	-0.3052E-02		
		0.1800E+01	-0.2605E-02		
		0.3820E+01	-0.6023E-03		
		0.5840E+01	-0.6168E-04		
		0.7860E+01	0.3478E-04		
		0.8145E+01	0.3493E-04		
		0.8429E+01	0.3504E-04		
		0.8714E+01	0.3510E-04		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.2047E+03	0.0000E+00
		0.1500E-02	-0.2656E-02		
		0.3063E+00	-0.2372E-02		
		0.6111E+00	-0.2102E-02		
		0.9159E+00	-0.1848E-02		
		0.1211E+01	-0.1616E-02		
		0.1505E+01	-0.1399E-02		
		0.1800E+01	-0.1197E-02		
		0.3820E+01	-0.2803E-03		
		0.5840E+01	-0.2887E-04		
		0.7860E+01	0.2058E-04		
		0.8145E+01	0.2067E-04		
		0.8429E+01	0.2073E-04		
		0.8714E+01	0.2077E-04		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.2047E+03	0.0000E+00
		0.1500E-02	-0.2284E-03		
		0.3063E+00	-0.2212E-03		
		0.6111E+00	-0.2100E-03		

		0.9159E+00	-0.1957E-03		
		0.1211E+01	-0.1797E-03		
		0.1505E+01	-0.1622E-03		
		0.1800E+01	-0.1438E-03		
		0.3820E+01	-0.3905E-04		
		0.5840E+01	-0.4265E-05		
		0.7860E+01	0.1196E-04		
		0.8145E+01	0.1201E-04		
		0.8429E+01	0.1204E-04		
		0.8714E+01	0.1206E-04		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.2112E+03	0.0000E+00
		0.1500E-02	-0.1041E-01		
		0.3063E+00	-0.9241E-02		
		0.6111E+00	-0.8157E-02		
		0.9159E+00	-0.7147E-02		
		0.1211E+01	-0.6238E-02		
		0.1505E+01	-0.5396E-02		
		0.1800E+01	-0.4620E-02		
		0.3820E+01	-0.1123E-02		
		0.5840E+01	-0.1267E-03		
		0.7860E+01	0.9228E-04		
		0.8145E+01	0.9265E-04		
		0.8429E+01	0.9292E-04		
		0.8714E+01	0.9308E-04		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.2112E+03	0.0000E+00
		0.1500E-02	-0.5915E-02		
		0.3063E+00	-0.5264E-02		
		0.6111E+00	-0.4655E-02		
		0.9159E+00	-0.4086E-02		
		0.1211E+01	-0.3572E-02		
		0.1505E+01	-0.3094E-02		
		0.1800E+01	-0.2652E-02		
		0.3820E+01	-0.6487E-03		
		0.5840E+01	-0.7341E-04		
		0.7860E+01	0.5704E-04		
		0.8145E+01	0.5728E-04		
		0.8429E+01	0.5745E-04		
		0.8714E+01	0.5755E-04		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.2112E+03	0.0000E+00
		0.1500E-02	-0.2658E-02		
		0.3063E+00	-0.2377E-02		
		0.6111E+00	-0.2111E-02		
		0.9159E+00	-0.1860E-02		
		0.1211E+01	-0.1632E-02		
		0.1505E+01	-0.1418E-02		
		0.1800E+01	-0.1219E-02		
		0.3820E+01	-0.3022E-03		
		0.5840E+01	-0.3441E-04		
		0.7860E+01	0.3467E-04		
		0.8145E+01	0.3481E-04		
		0.8429E+01	0.3491E-04		
		0.8714E+01	0.3498E-04		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.2112E+03	0.0000E+00
		0.1500E-02	-0.2287E-03		
		0.3063E+00	-0.2220E-03		
		0.6111E+00	-0.2114E-03		
		0.9159E+00	-0.1977E-03		
		0.1211E+01	-0.1823E-03		
		0.1505E+01	-0.1653E-03		
		0.1800E+01	-0.1475E-03		
		0.3820E+01	-0.4257E-04		
		0.5840E+01	-0.5146E-05		
		0.7860E+01	0.2071E-04		
		0.8145E+01	0.2080E-04		
		0.8429E+01	0.2086E-04		
		0.8714E+01	0.2089E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.2177E+03	0.0000E+00
		0.1500E-02	-0.1041E-01		
		0.3063E+00	-0.9257E-02		
		0.6111E+00	-0.8185E-02		
		0.9159E+00	-0.7188E-02		
		0.1211E+01	-0.6292E-02		
		0.1505E+01	-0.5461E-02		
		0.1800E+01	-0.4695E-02		
		0.3820E+01	-0.1201E-02		
		0.5840E+01	-0.1484E-03		
		0.7860E+01	0.1424E-03		
		0.8145E+01	0.1429E-03		
		0.8429E+01	0.1433E-03		
		0.8714E+01	0.1436E-03		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.2177E+03	0.0000E+00
		0.1500E-02	-0.5918E-02		
		0.3063E+00	-0.5273E-02		
		0.6111E+00	-0.4671E-02		
		0.9159E+00	-0.4109E-02		
		0.1211E+01	-0.3603E-02		
		0.1505E+01	-0.3132E-02		
		0.1800E+01	-0.2696E-02		
		0.3820E+01	-0.6941E-03		
		0.5840E+01	-0.8607E-04		
		0.7860E+01	0.9014E-04		
		0.8145E+01	0.9050E-04		
		0.8429E+01	0.9076E-04		
		0.8714E+01	0.9092E-04		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.2177E+03	0.0000E+00
		0.1500E-02	-0.2659E-02		
		0.3063E+00	-0.2381E-02		
		0.6111E+00	-0.2119E-02		
		0.9159E+00	-0.1871E-02		
		0.1211E+01	-0.1647E-02		
		0.1505E+01	-0.1436E-02		
		0.1800E+01	-0.1240E-02		
		0.3820E+01	-0.3237E-03		
		0.5840E+01	-0.4039E-04		
		0.7860E+01	0.5616E-04		

		0.8145E+01	0.5638E-04		
		0.8429E+01	0.5654E-04		
		0.8714E+01	0.5664E-04		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.2177E+03	0.0000E+00
		0.1500E-02	-0.2289E-03		
		0.3063E+00	-0.2227E-03		
		0.6111E+00	-0.2127E-03		
		0.9159E+00	-0.1996E-03		
		0.1211E+01	-0.1847E-03		
		0.1505E+01	-0.1682E-03		
		0.1800E+01	-0.1509E-03		
		0.3820E+01	-0.4608E-04		
		0.5840E+01	-0.6105E-05		
		0.7860E+01	0.3442E-04		
		0.8145E+01	0.3455E-04		
		0.8429E+01	0.3465E-04		
		0.8714E+01	0.3471E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.2228E+03	0.0000E+00
		0.1500E-02	-0.1041E-01		
		0.3063E+00	-0.9269E-02		
		0.6111E+00	-0.8205E-02		
		0.9159E+00	-0.7218E-02		
		0.1211E+01	-0.6331E-02		
		0.1505E+01	-0.5509E-02		
		0.1800E+01	-0.4751E-02		
		0.3820E+01	-0.1262E-02		
		0.5840E+01	-0.1668E-03		
		0.7860E+01	0.1969E-03		
		0.8145E+01	0.1977E-03		
		0.8429E+01	0.1982E-03		
		0.8714E+01	0.1986E-03		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.2228E+03	0.0000E+00
		0.1500E-02	-0.5920E-02		
		0.3063E+00	-0.5280E-02		
		0.6111E+00	-0.4683E-02		
		0.9159E+00	-0.4127E-02		
		0.1211E+01	-0.3626E-02		
		0.1505E+01	-0.3160E-02		
		0.1800E+01	-0.2729E-02		
		0.3820E+01	-0.7295E-03		
		0.5840E+01	-0.9679E-04		
		0.7860E+01	0.1269E-03		
		0.8145E+01	0.1274E-03		
		0.8429E+01	0.1278E-03		
		0.8714E+01	0.1280E-03		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.2228E+03	0.0000E+00
		0.1500E-02	-0.2661E-02		
		0.3063E+00	-0.2384E-02		
		0.6111E+00	-0.2124E-02		
		0.9159E+00	-0.1880E-02		
		0.1211E+01	-0.1658E-02		
		0.1505E+01	-0.1449E-02		

		0.1800E+01	-0.1256E-02		
		0.3820E+01	-0.3405E-03		
		0.5840E+01	-0.4546E-04		
		0.7860E+01	0.8053E-04		
		0.8145E+01	0.8084E-04		
		0.8429E+01	0.8107E-04		
		0.8714E+01	0.8121E-04		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.2228E+03	0.0000E+00
		0.1500E-02	-0.2291E-03		
		0.3063E+00	-0.2232E-03		
		0.6111E+00	-0.2136E-03		
		0.9159E+00	-0.2009E-03		
		0.1211E+01	-0.1865E-03		
		0.1505E+01	-0.1704E-03		
		0.1800E+01	-0.1534E-03		
		0.3820E+01	-0.4887E-04		
		0.5840E+01	-0.6920E-05		
		0.7860E+01	0.5030E-04		
		0.8145E+01	0.5050E-04		
		0.8429E+01	0.5064E-04		
		0.8714E+01	0.5073E-04		

N O T I C E

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*     M I G R A T E   S I M U L A T I O N        *
*                                                *
*            ANALYSIS      COMPLETED             *
*                                                *
*          TIME     -       11:16:18             *
*          EXECUTION TIME    0: 2: 1             *
*                                                *
*                                                *
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CLR25

All Layers
Darcy Velocity = 3.08E-5 m/yr
(Decreased by Order of Magnitude)

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*                                                           *
*                     M I G R A T E v 9                     *
*                                                           *
*                       VERSION 9.0.7                       *
*                                                           *
*                    REVISION - 4/16/1996                   *
*                                                           *
*      COPYRIGHT  R.K. ROWE & J.R. BOOKER  1985-1996        *
*                                                           *
*                                                           *
*                                                           *
*                                                           *
*                   RUN DATE -   17-11- 8                   *
*                   TIME     -   11:33:11                   *
*                                                           *
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*************************************************************************
 Clinton LF No. 3 (CWU) CLR25 (All Layers 3.08E-5)
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SURFACE BOUNDARY
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SURFACE BOUNDARY CONDITION DEFINED BY A CONSTANT CONCENTRATION C0

OFFSET OF CENTER OF LANDFILL 1 IS 0.0000E+00

WIDTH OF BASE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300
WIDTH OF SURFACE OF LANDFILL IS BETWEEN -184.6300< X < 184.6300

THE INITIAL SOURCE CONCENTRATION = 0.1000E+01

BASE BOUNDARY
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BASE BOUNDARY CONDITION DEFINED BY
AN IMPERMEABLE BASE(I.E. ZERO FLUX)

PROPERTIES OF THE MATRIX
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LAYER	DISPERSION COEFF. VERT.	DISPERSION COEFF. HORZ.	POROSITY	ADSORPTION COEFF.	DENSITY	ADV. VELOCITY HORZ.	ADV. VELOCITY VERT.	THICKNESS
1	.300E-04	.300E-04	1.000	0.000E+00	940.000	0.0000	0.0000	0.15E-02
2	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0000	0.30
3	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0000	0.30
4	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0000	0.30
5	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0000	0.29
6	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0000	0.29

7	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0000	0.29
8	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0000	2.02
9	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0000	2.02
10	.158E-01	.158E-01	0.240	0.000E+00	1900.000	0.0000	0.0000	2.02
11	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0000	0.28
12	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0000	0.28
13	.191E+01	.191E+02	0.380	0.000E+00	1900.000	0.6200	0.0000	0.28

INTEGRATION PARAMETERS

THE PARAMETERS USED TO INVERT THE LAPLACE TRANSFORM ARE
TAU =0.700E+01 N = 11 SIG =0.000E+00 RNU =0.100E+01

A NORMAL INTEGRATION LEVEL HAS BEEN CHOSEN WITH THE
FOLLOWING GAUSS QUADRATURE PARAMETERS:

GAUSSIAN INTEGRATION SUBINTERVAL SIZE = 0.542E-01
NUMBER OF SUBINTERVALS = 12
NUMBER OF SAMPLE POINTS USED PER STEP = 20

RESULTS

CALCULATED CONCENTRATIONS AT SELECTED DEPTHS,
LATERAL DISTANCES AND TIMES:

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+01	0.2196E+03	0.0000E+00	-0.1110E-01	0.1713E+02	0.0000E+00
		0.1500E-02	-0.7448E-02		
		0.3063E+00	-0.2774E-02		
		0.6111E+00	-0.6642E-03		
		0.9159E+00	-0.9766E-04		
		0.1211E+01	-0.9367E-05		
		0.1505E+01	-0.5447E-06		
		0.1800E+01	-0.1898E-07		
		0.3820E+01	-0.2727E-18		
		0.5840E+01	-0.1790E-23		
		0.7860E+01	-0.1130E-34		
		0.8145E+01	-0.5294E-34		
		0.8429E+01	-0.6322E-34		
		0.8714E+01	-0.6457E-34		
0.5000E+01	0.2298E+03	0.0000E+00	-0.6303E-02	0.1713E+02	0.0000E+00
		0.1500E-02	-0.4230E-02		
		0.3063E+00	-0.1576E-02		
		0.6111E+00	-0.3774E-03		
		0.9159E+00	-0.5549E-04		
		0.1211E+01	-0.5323E-05		

		0.1505E+01	-0.3095E-06		
		0.1800E+01	-0.1079E-07		
		0.3820E+01	-0.1467E-18		
		0.5840E+01	-0.1019E-23		
		0.7860E+01	-0.4659E-34		
		0.8145E+01	-0.6759E-34		
		0.8429E+01	-0.7177E-34		
		0.8714E+01	-0.7198E-34		
0.5000E+01	0.2399E+03	0.0000E+00	-0.2825E-02	0.1713E+02	0.0000E+00
		0.1500E-02	-0.1896E-02		
		0.3063E+00	-0.7071E-03		
		0.6111E+00	-0.1694E-03		
		0.9159E+00	-0.2492E-04		
		0.1211E+01	-0.2390E-05		
		0.1505E+01	-0.1390E-06		
		0.1800E+01	-0.4844E-08		
		0.3820E+01	-0.5699E-19		
		0.5840E+01	-0.4603E-24		
		0.7860E+01	-0.3658E-34		
		0.8145E+01	-0.4484E-34		
		0.8429E+01	-0.4592E-34		
		0.8714E+01	-0.4575E-34		
0.5000E+01	0.2501E+03	0.0000E+00	-0.2313E-03	0.1713E+02	0.0000E+00
		0.1500E-02	-0.1566E-03		
		0.3063E+00	-0.5924E-04		
		0.6111E+00	-0.1430E-04		
		0.9159E+00	-0.2113E-05		
		0.1211E+01	-0.2032E-06		
		0.1505E+01	-0.1183E-07		
		0.1800E+01	-0.4128E-09		
		0.3820E+01	0.9092E-20		
		0.5840E+01	-0.4304E-25		
		0.7860E+01	-0.2894E-34		
		0.8145E+01	-0.2742E-34		
		0.8429E+01	-0.2606E-34		
		0.8714E+01	-0.2556E-34		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.2748E+02	0.0000E+00
		0.1500E-02	-0.8294E-02		
		0.3063E+00	-0.4371E-02		
		0.6111E+00	-0.1865E-02		
		0.9159E+00	-0.6307E-03		
		0.1211E+01	-0.1749E-03		
		0.1505E+01	-0.3815E-04		
		0.1800E+01	-0.6498E-05		
		0.3820E+01	-0.3148E-13		
		0.5840E+01	0.1040E-17		
		0.7860E+01	-0.6278E-25		
		0.8145E+01	0.1468E-24		
		0.8429E+01	0.2523E-24		
		0.8714E+01	0.2844E-24		
0.1000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.2748E+02	0.0000E+00
		0.1500E-02	-0.4711E-02		

		0.3063E+00	-0.2484E-02		
		0.6111E+00	-0.1060E-02		
		0.9159E+00	-0.3586E-03		
		0.1211E+01	-0.9948E-04		
		0.1505E+01	-0.2170E-04		
		0.1800E+01	-0.3695E-05		
		0.3820E+01	-0.1791E-13		
		0.5840E+01	0.5909E-18		
		0.7860E+01	-0.2772E-24		
		0.8145E+01	-0.1567E-24		
		0.8429E+01	-0.9482E-25		
		0.8714E+01	-0.7585E-25		
0.1000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.2748E+02	0.0000E+00
		0.1500E-02	-0.2113E-02		
		0.3063E+00	-0.1115E-02		
		0.6111E+00	-0.4764E-03		
		0.9159E+00	-0.1613E-03		
		0.1211E+01	-0.4474E-04		
		0.1505E+01	-0.9762E-05		
		0.1800E+01	-0.1663E-05		
		0.3820E+01	-0.8067E-14		
		0.5840E+01	0.2653E-18		
		0.7860E+01	-0.1857E-24		
		0.8145E+01	-0.1296E-24		
		0.8429E+01	-0.9967E-25		
		0.8714E+01	-0.9029E-25		
0.1000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.2748E+02	0.0000E+00
		0.1500E-02	-0.1754E-03		
		0.3063E+00	-0.9479E-04		
		0.6111E+00	-0.4108E-04		
		0.9159E+00	-0.1403E-04		
		0.1211E+01	-0.3917E-05		
		0.1505E+01	-0.8580E-06		
		0.1800E+01	-0.1466E-06		
		0.3820E+01	-0.7238E-15		
		0.5840E+01	0.2247E-19		
		0.7860E+01	-0.4799E-25		
		0.8145E+01	-0.3937E-25		
		0.8429E+01	-0.3299E-25		
		0.8714E+01	-0.3071E-25		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.3577E+02	0.0000E+00
		0.1500E-02	-0.8704E-02		
		0.3063E+00	-0.5252E-02		
		0.6111E+00	-0.2766E-02		
		0.9159E+00	-0.1255E-02		
		0.1211E+01	-0.5024E-03		
		0.1505E+01	-0.1721E-03		
		0.1800E+01	-0.5022E-04		
		0.3820E+01	-0.1133E-09		
		0.5840E+01	0.1022E-15		
		0.7860E+01	-0.1517E-19		
		0.8145E+01	-0.1451E-19		
		0.8429E+01	-0.1420E-19		

		0.8714E+01	-0.1411E-19		
0.1500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.3577E+02	0.0000E+00
		0.1500E-02	-0.4944E-02		
		0.3063E+00	-0.2985E-02		
		0.6111E+00	-0.1573E-02		
		0.9159E+00	-0.7138E-03		
		0.1211E+01	-0.2858E-03		
		0.1505E+01	-0.9796E-04		
		0.1800E+01	-0.2859E-04		
		0.3820E+01	-0.6449E-10		
		0.5840E+01	0.5795E-16		
		0.7860E+01	0.4984E-20		
		0.8145E+01	0.5491E-20		
		0.8429E+01	0.5750E-20		
		0.8714E+01	0.5830E-20		
0.1500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.3577E+02	0.0000E+00
		0.1500E-02	-0.2218E-02		
		0.3063E+00	-0.1341E-02		
		0.6111E+00	-0.7076E-03		
		0.9159E+00	-0.3214E-03		
		0.1211E+01	-0.1287E-03		
		0.1505E+01	-0.4414E-04		
		0.1800E+01	-0.1288E-04		
		0.3820E+01	-0.2909E-10		
		0.5840E+01	0.2592E-16		
		0.7860E+01	0.3568E-20		
		0.8145E+01	0.3827E-20		
		0.8429E+01	0.3966E-20		
		0.8714E+01	0.4010E-20		
0.1500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.3577E+02	0.0000E+00
		0.1500E-02	-0.1849E-03		
		0.3063E+00	-0.1153E-03		
		0.6111E+00	-0.6206E-04		
		0.9159E+00	-0.2857E-04		
		0.1211E+01	-0.1156E-04		
		0.1505E+01	-0.3988E-05		
		0.1800E+01	-0.1170E-05		
		0.3820E+01	-0.2677E-11		
		0.5840E+01	0.2041E-17		
		0.7860E+01	0.1375E-20		
		0.8145E+01	0.1420E-20		
		0.8429E+01	0.1453E-20		
		0.8714E+01	0.1465E-20		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.2000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4291E+02	0.0000E+00
		0.1500E-02	-0.8954E-02		
		0.3063E+00	-0.5820E-02		
		0.6111E+00	-0.3427E-02		
		0.9159E+00	-0.1810E-02		
		0.1211E+01	-0.8750E-03		
		0.1505E+01	-0.3774E-03		
		0.1800E+01	-0.1447E-03		
		0.3820E+01	-0.6985E-08		

		0.5840E+01	-0.1915E-14		
		0.7860E+01	0.8205E-17		
		0.8145E+01	0.8276E-17		
		0.8429E+01	0.8317E-17		
		0.8714E+01	0.8330E-17		
0.2000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4291E+02	0.0000E+00
		0.1500E-02	-0.5087E-02		
		0.3063E+00	-0.3309E-02		
		0.6111E+00	-0.1949E-02		
		0.9159E+00	-0.1030E-02		
		0.1211E+01	-0.4981E-03		
		0.1505E+01	-0.2149E-03		
		0.1800E+01	-0.8241E-04		
		0.3820E+01	-0.3980E-08		
		0.5840E+01	-0.1092E-14		
		0.7860E+01	0.1157E-17		
		0.8145E+01	0.1190E-17		
		0.8429E+01	0.1209E-17		
		0.8714E+01	0.1215E-17		
0.2000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4291E+02	0.0000E+00
		0.1500E-02	-0.2282E-02		
		0.3063E+00	-0.1487E-02		
		0.6111E+00	-0.8777E-03		
		0.9159E+00	-0.4643E-03		
		0.1211E+01	-0.2247E-03		
		0.1505E+01	-0.9698E-04		
		0.1800E+01	-0.3720E-04		
		0.3820E+01	-0.1799E-08		
		0.5840E+01	-0.4952E-15		
		0.7860E+01	-0.1034E-17		
		0.8145E+01	-0.1027E-17		
		0.8429E+01	-0.1024E-17		
		0.8714E+01	-0.1023E-17		
0.2000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4291E+02	0.0000E+00
		0.1500E-02	-0.1910E-03		
		0.3063E+00	-0.1291E-03		
		0.6111E+00	-0.7809E-04		
		0.9159E+00	-0.4206E-04		
		0.1211E+01	-0.2061E-04		
		0.1505E+01	-0.8979E-05		
		0.1800E+01	-0.3468E-05		
		0.3820E+01	-0.1712E-09		
		0.5840E+01	-0.4945E-16		
		0.7860E+01	-0.8165E-18		
		0.8145E+01	-0.8194E-18		
		0.8429E+01	-0.8209E-18		
		0.8714E+01	-0.8215E-18		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
2500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.4927E+02	0.0000E+00
		0.1500E-02	-0.9125E-02		
		0.3063E+00	-0.6219E-02		
		0.6111E+00	-0.3926E-02		
		0.9159E+00	-0.2279E-02		

		0.1211E+01	-0.1236E-02		
		0.1505E+01	-0.6133E-03		
		0.1800E+01	-0.2775E-03		
		0.3820E+01	-0.8497E-07		
		0.5840E+01	-0.1944E-12		
		0.7860E+01	-0.2305E-15		
		0.8145E+01	-0.2320E-15		
		0.8429E+01	-0.2328E-15		
		0.8714E+01	-0.2331E-15		
0.2500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.4927E+02	0.0000E+00
		0.1500E-02	-0.5184E-02		
		0.3063E+00	-0.3536E-02		
		0.6111E+00	-0.2234E-02		
		0.9159E+00	-0.1297E-02		
		0.1211E+01	-0.7039E-03		
		0.1505E+01	-0.3494E-03		
		0.1800E+01	-0.1581E-03		
		0.3820E+01	-0.4846E-07		
		0.5840E+01	-0.1109E-12		
		0.7860E+01	-0.6099E-16		
		0.8145E+01	-0.6196E-16		
		0.8429E+01	-0.6253E-16		
		0.8714E+01	-0.6271E-16		
0.2500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.4927E+02	0.0000E+00
		0.1500E-02	-0.2326E-02		
		0.3063E+00	-0.1591E-02		
		0.6111E+00	-0.1007E-02		
		0.9159E+00	-0.5853E-03		
		0.1211E+01	-0.3178E-03		
		0.1505E+01	-0.1579E-03		
		0.1800E+01	-0.7149E-04		
		0.3820E+01	-0.2194E-07		
		0.5840E+01	-0.5023E-13		
		0.7860E+01	0.3041E-16		
		0.8145E+01	0.3013E-16		
		0.8429E+01	0.2998E-16		
		0.8714E+01	0.2993E-16		
0.2500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.4927E+02	0.0000E+00
		0.1500E-02	-0.1953E-03		
		0.3063E+00	-0.1391E-03		
		0.6111E+00	-0.9070E-04		
		0.9159E+00	-0.5389E-04		
		0.1211E+01	-0.2972E-04		
		0.1505E+01	-0.1494E-04		
		0.1800E+01	-0.6826E-05		
		0.3820E+01	-0.2153E-08		
		0.5840E+01	-0.4966E-14		
		0.7860E+01	0.3845E-16		
		0.8145E+01	0.3854E-16		
		0.8429E+01	0.3859E-16		
		0.8714E+01	0.3860E-16		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.3000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.5507E+02	0.0000E+00

		0.1500E-02	-0.9250E-02		
		0.3063E+00	-0.6517E-02		
		0.6111E+00	-0.4316E-02		
		0.9159E+00	-0.2670E-02		
		0.1211E+01	-0.1566E-02		
		0.1505E+01	-0.8539E-03		
		0.1800E+01	-0.4319E-03		
		0.3820E+01	-0.4554E-06		
		0.5840E+01	-0.8562E-11		
		0.7860E+01	0.1795E-14		
		0.8145E+01	0.1806E-14		
		0.8429E+01	0.1813E-14		
		0.8714E+01	0.1815E-14		
0.3000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.5507E+02	0.0000E+00
		0.1500E-02	-0.5255E-02		
		0.3063E+00	-0.3706E-02		
		0.6111E+00	-0.2457E-02		
		0.9159E+00	-0.1521E-02		
		0.1211E+01	-0.8921E-03		
		0.1505E+01	-0.4867E-03		
		0.1800E+01	-0.2463E-03		
		0.3820E+01	-0.2599E-06		
		0.5840E+01	-0.4888E-11		
		0.7860E+01	0.1361E-15		
		0.8145E+01	0.1430E-15		
		0.8429E+01	0.1470E-15		
		0.8714E+01	0.1484E-15		
3000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.5507E+02	0.0000E+00
		0.1500E-02	-0.2359E-02		
		0.3063E+00	-0.1668E-02		
		0.6111E+00	-0.1108E-02		
		0.9159E+00	-0.6867E-03		
		0.1211E+01	-0.4032E-03		
		0.1505E+01	-0.2202E-03		
		0.1800E+01	-0.1115E-03		
		0.3820E+01	-0.1179E-06		
		0.5840E+01	-0.2219E-11		
		0.7860E+01	-0.6368E-15		
		0.8145E+01	-0.6359E-15		
		0.8429E+01	-0.6354E-15		
		0.8714E+01	-0.6352E-15		
0.3000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.5507E+02	0.0000E+00
		0.1500E-02	-0.1986E-03		
		0.3063E+00	-0.1469E-03		
		0.6111E+00	-0.1009E-03		
		0.9159E+00	-0.6416E-04		
		0.1211E+01	-0.3837E-04		
		0.1505E+01	-0.2125E-04		
		0.1800E+01	-0.1088E-04		
		0.3820E+01	-0.1191E-07		
		0.5840E+01	-0.2264E-12		
		0.7860E+01	-0.5587E-15		
		0.8145E+01	-0.5606E-15		
		0.8429E+01	-0.5618E-15		
		0.8714E+01	-0.5622E-15		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
0.3500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6043E+02	0.0000E+00
		0.1500E-02	-0.9345E-02		
		0.3063E+00	-0.6748E-02		
		0.6111E+00	-0.4628E-02		
		0.9159E+00	-0.2999E-02		
		0.1211E+01	-0.1860E-02		
		0.1505E+01	-0.1086E-02		
		0.1800E+01	-0.5950E-03		
		0.3820E+01	-0.1522E-05		
		0.5840E+01	-0.1267E-09		
		0.7860E+01	-0.1446E-14		
		0.8145E+01	-0.1482E-14		
		0.8429E+01	-0.1505E-14		
		0.8714E+01	-0.1513E-14		
0.3500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6043E+02	0.0000E+00
		0.1500E-02	-0.5310E-02		
		0.3063E+00	-0.3838E-02		
		0.6111E+00	-0.2635E-02		
		0.9159E+00	-0.1709E-02		
		0.1211E+01	-0.1060E-02		
		0.1505E+01	-0.6194E-03		
		0.1800E+01	-0.3395E-03		
		0.3820E+01	-0.8695E-06		
		0.5840E+01	-0.7241E-10		
		0.7860E+01	0.5058E-14		
		0.8145E+01	0.5054E-14		
		0.8429E+01	0.5051E-14		
		0.8714E+01	0.5050E-14		
0.3500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6043E+02	0.0000E+00
		0.1500E-02	-0.2384E-02		
		0.3063E+00	-0.1728E-02		
		0.6111E+00	-0.1189E-02		
		0.9159E+00	-0.7721E-03		
		0.1211E+01	-0.4798E-03		
		0.1505E+01	-0.2805E-03		
		0.1800E+01	-0.1539E-03		
		0.3820E+01	-0.3952E-06		
		0.5840E+01	-0.3294E-10		
		0.7860E+01	0.5361E-14		
		0.8145E+01	0.5379E-14		
		0.8429E+01	0.5389E-14		
		0.8714E+01	0.5392E-14		
0.3500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6043E+02	0.0000E+00
		0.1500E-02	-0.2012E-03		
		0.3063E+00	-0.1532E-03		
		0.6111E+00	-0.1094E-03		
		0.9159E+00	-0.7310E-04		
		0.1211E+01	-0.4639E-04		
		0.1505E+01	-0.2757E-04		
		0.1800E+01	-0.1532E-04		
		0.3820E+01	-0.4102E-07		
		0.5840E+01	-0.3463E-11		
		0.7860E+01	0.2402E-14		
		0.8145E+01	0.2420E-14		

		0.8429E+01	0.2431E-14		
		0.8714E+01	0.2434E-14		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.4000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.6544E+02	0.0000E+00
		0.1500E-02	-0.9421E-02		
		0.3063E+00	-0.6932E-02		
		0.6111E+00	-0.4883E-02		
		0.9159E+00	-0.3277E-02		
		0.1211E+01	-0.2121E-02		
		0.1505E+01	-0.1304E-02		
		0.1800E+01	-0.7587E-03		
		0.3820E+01	-0.3778E-05		
		0.5840E+01	-0.9622E-09		
		0.7860E+01	-0.2980E-13		
		0.8145E+01	-0.2966E-13		
		0.8429E+01	-0.2959E-13		
		0.8714E+01	-0.2957E-13		
0.4000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.6544E+02	0.0000E+00
		0.1500E-02	-0.5353E-02		
		0.3063E+00	-0.3944E-02		
		0.6111E+00	-0.2781E-02		
		0.9159E+00	-0.1868E-02		
		0.1211E+01	-0.1210E-02		
		0.1505E+01	-0.7438E-03		
		0.1800E+01	-0.4331E-03		
		0.3820E+01	-0.2160E-05		
		0.5840E+01	-0.5503E-09		
		0.7860E+01	-0.2511E-13		
		0.8145E+01	-0.2512E-13		
		0.8429E+01	-0.2514E-13		
		0.8714E+01	-0.2514E-13		
0.4000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.6544E+02	0.0000E+00
		0.1500E-02	-0.2403E-02		
		0.3063E+00	-0.1776E-02		
		0.6111E+00	-0.1255E-02		
		0.9159E+00	-0.8447E-03		
		0.1211E+01	-0.5479E-03		
		0.1505E+01	-0.3372E-03		
		0.1800E+01	-0.1965E-03		
		0.3820E+01	-0.9835E-06		
		0.5840E+01	-0.2508E-09		
		0.7860E+01	-0.7769E-14		
		0.8145E+01	-0.7822E-14		
		0.8429E+01	-0.7857E-14		
		0.8714E+01	-0.7870E-14		
0.4000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.6544E+02	0.0000E+00
		0.1500E-02	-0.2033E-03		
		0.3063E+00	-0.1584E-03		
		0.6111E+00	-0.1166E-03		
		0.9159E+00	-0.8094E-04		
		0.1211E+01	-0.5374E-04		
		0.1505E+01	-0.3370E-04		
		0.1800E+01	-0.1993E-04		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.3820E+01	-0.1047E-06		
		0.5840E+01	-0.2712E-10		
		0.7860E+01	0.6530E-14		
		0.8145E+01	0.6499E-14		
		0.8429E+01	0.6481E-14		
		0.8714E+01	0.6475E-14		
0.4500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7017E+02	0.0000E+00
		0.1500E-02	-0.9482E-02		
		0.3063E+00	-0.7082E-02		
		0.6111E+00	-0.5095E-02		
		0.9159E+00	-0.3515E-02		
		0.1211E+01	-0.2352E-02		
		0.1505E+01	-0.1505E-02		
		0.1800E+01	-0.9179E-03		
		0.3820E+01	-0.7682E-05		
		0.5840E+01	-0.4672E-08		
		0.7860E+01	0.5496E-13		
		0.8145E+01	0.5773E-13		
		0.8429E+01	0.5915E-13		
		0.8714E+01	0.5958E-13		
0.4500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7017E+02	0.0000E+00
		0.1500E-02	-0.5388E-02		
		0.3063E+00	-0.4030E-02		
		0.6111E+00	-0.2902E-02		
		0.9159E+00	-0.2004E-02		
		0.1211E+01	-0.1342E-02		
		0.1505E+01	-0.8589E-03		
		0.1800E+01	-0.5242E-03		
		0.3820E+01	-0.4395E-05		
		0.5840E+01	-0.2674E-08		
		0.7860E+01	-0.1824E-13		
		0.8145E+01	-0.1667E-13		
		0.8429E+01	-0.1585E-13		
		0.8714E+01	-0.1560E-13		
0.4500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7017E+02	0.0000E+00
		0.1500E-02	-0.2419E-02		
		0.3063E+00	-0.1815E-02		
		0.6111E+00	-0.1310E-02		
		0.9159E+00	-0.9069E-03		
		0.1211E+01	-0.6082E-03		
		0.1505E+01	-0.3898E-03		
		0.1800E+01	-0.2382E-03		
		0.3820E+01	-0.2004E-05		
		0.5840E+01	-0.1221E-08		
		0.7860E+01	-0.5205E-13		
		0.8145E+01	-0.5143E-13		
		0.8429E+01	-0.5110E-13		
		0.8714E+01	-0.5100E-13		
0.4500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7017E+02	0.0000E+00
		0.1500E-02	-0.2051E-03		
		0.3063E+00	-0.1628E-03		
		0.6111E+00	-0.1228E-03		

		0.9159E+00	-0.8787E-04		
		0.1211E+01	-0.6047E-04		
		0.1505E+01	-0.3956E-04		
		0.1800E+01	-0.2457E-04		
		0.3820E+01	-0.2186E-06		
		0.5840E+01	-0.1356E-09		
		0.7860E+01	-0.4575E-13		
		0.8145E+01	-0.4580E-13		
		0.8429E+01	-0.4582E-13		
		0.8714E+01	-0.4582E-13		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7465E+02	0.0000E+00
		0.1500E-02	-0.9532E-02		
		0.3063E+00	-0.7207E-02		
		0.6111E+00	-0.5273E-02		
		0.9159E+00	-0.3720E-02		
		0.1211E+01	-0.2557E-02		
		0.1505E+01	-0.1689E-02		
		0.1800E+01	-0.1070E-02		
		0.3820E+01	-0.1357E-04		
		0.5840E+01	-0.1657E-07		
		0.7860E+01	0.4203E-12		
		0.8145E+01	0.4422E-12		
		0.8429E+01	0.4533E-12		
		0.8714E+01	0.4567E-12		
0.5000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7465E+02	0.0000E+00
		0.1500E-02	-0.5417E-02		
		0.3063E+00	-0.4101E-02		
		0.6111E+00	-0.3004E-02		
		0.9159E+00	-0.2121E-02		
		0.1211E+01	-0.1459E-02		
		0.1505E+01	-0.9644E-03		
		0.1800E+01	-0.6113E-03		
		0.3820E+01	-0.7768E-05		
		0.5840E+01	-0.9490E-08		
		0.7860E+01	0.1868E-12		
		0.8145E+01	0.1991E-12		
		0.8429E+01	0.2054E-12		
		0.8714E+01	0.2074E-12		
0.5000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7465E+02	0.0000E+00
		0.1500E-02	-0.2432E-02		
		0.3063E+00	-0.1848E-02		
		0.6111E+00	-0.1357E-02		
		0.9159E+00	-0.9606E-03		
		0.1211E+01	-0.6619E-03		
		0.1505E+01	-0.4381E-03		
		0.1800E+01	-0.2780E-03		
		0.3820E+01	-0.3549E-05		
		0.5840E+01	-0.4342E-08		
		0.7860E+01	0.5680E-13		
		0.8145E+01	0.6278E-13		
		0.8429E+01	0.6598E-13		
		0.8714E+01	0.6699E-13		

0.5000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7465E+02	0.0000E+00
		0.1500E-02	-0.2066E-03		
		0.3063E+00	-0.1665E-03		
		0.6111E+00	-0.1281E-03		
		0.9159E+00	-0.9403E-04		
		0.1211E+01	-0.6662E-04		
		0.1505E+01	-0.4510E-04		
		0.1800E+01	-0.2914E-04		
		0.3820E+01	-0.3960E-06		
		0.5840E+01	-0.4947E-09		
		0.7860E+01	-0.3794E-13		
		0.8145E+01	-0.3681E-13		
		0.8429E+01	-0.3602E-13		
		0.8714E+01	-0.3575E-13		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.5500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.7892E+02	0.0000E+00
		0.1500E-02	-0.9575E-02		
		0.3063E+00	-0.7312E-02		
		0.6111E+00	-0.5425E-02		
		0.9159E+00	-0.3898E-02		
		0.1211E+01	-0.2738E-02		
		0.1505E+01	-0.1857E-02		
		0.1800E+01	-0.1213E-02		
		0.3820E+01	-0.2162E-04		
		0.5840E+01	-0.4670E-07		
		0.7860E+01	0.3212E-11		
		0.8145E+01	0.3347E-11		
		0.8429E+01	0.3416E-11		
		0.8714E+01	0.3437E-11		
0.5500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.7892E+02	0.0000E+00
		0.1500E-02	-0.5441E-02		
		0.3063E+00	-0.4162E-02		
		0.6111E+00	-0.3092E-02		
		0.9159E+00	-0.2223E-02		
		0.1211E+01	-0.1563E-02		
		0.1505E+01	-0.1061E-02		
		0.1800E+01	-0.6935E-03		
		0.3820E+01	-0.1239E-04		
		0.5840E+01	-0.2678E-07		
		0.7860E+01	0.9567E-12		
		0.8145E+01	0.1028E-11		
		0.8429E+01	0.1064E-11		
		0.8714E+01	0.1076E-11		
0.5500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.7892E+02	0.0000E+00
		0.1500E-02	-0.2444E-02		
		0.3063E+00	-0.1875E-02		
		0.6111E+00	-0.1397E-02		
		0.9159E+00	-0.1007E-02		
		0.1211E+01	-0.7096E-03		
		0.1505E+01	-0.4823E-03		
		0.1800E+01	-0.3158E-03		
		0.3820E+01	-0.5668E-05		
		0.5840E+01	-0.1227E-07		
		0.7860E+01	0.4171E-12		

		0.8145E+01	0.4497E-12		
		0.8429E+01	0.4671E-12		
		0.8714E+01	0.4725E-12		
5500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.7892E+02	0.0000E+00
		0.1500E-02	-0.2079E-03		
		0.3063E+00	-0.1698E-03		
		0.6111E+00	-0.1329E-03		
		0.9159E+00	-0.9955E-04		
		0.1211E+01	-0.7226E-04		
		0.1505E+01	-0.5032E-04		
		0.1800E+01	-0.3360E-04		
		0.3820E+01	-0.6464E-06		
		0.5840E+01	-0.1433E-08		
		0.7860E+01	0.2341E-12		
		0.8145E+01	0.2400E-12		
		0.8429E+01	0.2441E-12		
		0.8714E+01	0.2456E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8301E+02	0.0000E+00
		0.1500E-02	-0.9611E-02		
		0.3063E+00	-0.7402E-02		
		0.6111E+00	-0.5557E-02		
		0.9159E+00	-0.4053E-02		
		0.1211E+01	-0.2900E-02		
		0.1505E+01	-0.2010E-02		
		0.1800E+01	-0.1347E-02		
		0.3820E+01	-0.3188E-04		
		0.5840E+01	-0.1108E-06		
		0.7860E+01	0.2548E-10		
		0.8145E+01	0.2612E-10		
		0.8429E+01	0.2646E-10		
		0.8714E+01	0.2656E-10		
0.6000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8301E+02	0.0000E+00
		0.1500E-02	-0.5462E-02		
		0.3063E+00	-0.4213E-02		
		0.6111E+00	-0.3167E-02		
		0.9159E+00	-0.2313E-02		
		0.1211E+01	-0.1656E-02		
		0.1505E+01	-0.1149E-02		
		0.1800E+01	-0.7706E-03		
		0.3820E+01	-0.1828E-04		
		0.5840E+01	-0.6358E-07		
		0.7860E+01	0.7311E-11		
		0.8145E+01	0.7640E-11		
		0.8429E+01	0.7811E-11		
		0.8714E+01	0.7864E-11		
0.6000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8301E+02	0.0000E+00
		0.1500E-02	-0.2453E-02		
		0.3063E+00	-0.1899E-02		
		0.6111E+00	-0.1432E-02		
		0.9159E+00	-0.1048E-02		
		0.1211E+01	-0.7522E-03		
		0.1505E+01	-0.5228E-03		

		0.1800E+01	-0.3512E-03		
		0.3820E+01	-0.8377E-05		
		0.5840E+01	-0.2920E-07		
		0.7860E+01	0.2148E-11		
		0.8145E+01	0.2294E-11		
		0.8429E+01	0.2371E-11		
		0.8714E+01	0.2396E-11		
0.6000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8301E+02	0.0000E+00
		0.1500E-02	-0.2091E-03		
		0.3063E+00	-0.1727E-03		
		0.6111E+00	-0.1370E-03		
		0.9159E+00	-0.1045E-03		
		0.1211E+01	-0.7743E-04		
		0.1505E+01	-0.5522E-04		
		0.1800E+01	-0.3790E-04		
		0.3820E+01	-0.9751E-06		
		0.5840E+01	-0.3489E-08		
		0.7860E+01	0.9185E-12		
		0.8145E+01	0.9429E-12		
		0.8429E+01	0.9602E-12		
		0.8714E+01	0.9663E-12		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.6500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.8694E+02	0.0000E+00
		0.1500E-02	-0.9642E-02		
		0.3063E+00	-0.7479E-02		
		0.6111E+00	-0.5670E-02		
		0.9159E+00	-0.4190E-02		
		0.1211E+01	-0.3044E-02		
		0.1505E+01	-0.2149E-02		
		0.1800E+01	-0.1473E-02		
		0.3820E+01	-0.4428E-04		
		0.5840E+01	-0.2301E-06		
		0.7860E+01	0.1496E-09		
		0.8145E+01	0.1521E-09		
		0.8429E+01	0.1535E-09		
		0.8714E+01	0.1539E-09		
0.6500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.8694E+02	0.0000E+00
		0.1500E-02	-0.5480E-02		
		0.3063E+00	-0.4258E-02		
		0.6111E+00	-0.3232E-02		
		0.9159E+00	-0.2391E-02		
		0.1211E+01	-0.1739E-02		
		0.1505E+01	-0.1229E-02		
		0.1800E+01	-0.8425E-03		
		0.3820E+01	-0.2540E-04		
		0.5840E+01	-0.1321E-06		
		0.7860E+01	0.4893E-10		
		0.8145E+01	0.5018E-10		
		0.8429E+01	0.5084E-10		
		0.8714E+01	0.5104E-10		
0.6500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.8694E+02	0.0000E+00
		0.1500E-02	-0.2461E-02		
		0.3063E+00	-0.1920E-02		

		0.6111E+00	-0.1462E-02		
		0.9159E+00	-0.1084E-02		
		0.1211E+01	-0.7904E-03		
		0.1505E+01	-0.5597E-03		
		0.1800E+01	-0.3843E-03		
		0.3820E+01	-0.1166E-04		
		0.5840E+01	-0.6079E-07		
		0.7860E+01	0.1517E-10		
		0.8145E+01	0.1571E-10		
		0.8429E+01	0.1601E-10		
		0.8714E+01	0.1610E-10		
0.6500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.8694E+02	0.0000E+00
		0.1500E-02	-0.2101E-03		
		0.3063E+00	-0.1752E-03		
		0.6111E+00	-0.1408E-03		
		0.9159E+00	-0.1090E-03		
		0.1211E+01	-0.8218E-04		
		0.1505E+01	-0.5982E-04		
		0.1800E+01	-0.4202E-04		
		0.3820E+01	-0.1384E-05		
		0.5840E+01	-0.7428E-08		
		0.7860E+01	0.4876E-11		
		0.8145E+01	0.4976E-11		
		0.8429E+01	0.5045E-11		
		0.8714E+01	0.5070E-11		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9073E+02	0.0000E+00
		0.1500E-02	-0.9668E-02		
		0.3063E+00	-0.7547E-02		
		0.6111E+00	-0.5770E-02		
		0.9159E+00	-0.4310E-02		
		0.1211E+01	-0.3173E-02		
		0.1505E+01	-0.2276E-02		
		0.1800E+01	-0.1589E-02		
		0.3820E+01	-0.5865E-04		
		0.5840E+01	-0.4303E-06		
		0.7860E+01	0.6776E-09		
		0.8145E+01	0.6858E-09		
		0.8429E+01	0.6903E-09		
		0.8714E+01	0.6917E-09		
0.7000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9073E+02	0.0000E+00
		0.1500E-02	-0.5495E-02		
		0.3063E+00	-0.4296E-02		
		0.6111E+00	-0.3290E-02		
		0.9159E+00	-0.2460E-02		
		0.1211E+01	-0.1813E-02		
		0.1505E+01	-0.1302E-02		
		0.1800E+01	-0.9094E-03		
		0.3820E+01	-0.3367E-04		
		0.5840E+01	-0.2473E-06		
		0.7860E+01	0.2470E-09		
		0.8145E+01	0.2510E-09		
		0.8429E+01	0.2532E-09		
		0.8714E+01	0.2539E-09		

0.7000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9073E+02	0.0000E+00
		0.1500E-02	-0.2468E-02		
		0.3063E+00	-0.1938E-02		
		0.6111E+00	-0.1489E-02		
		0.9159E+00	-0.1117E-02		
		0.1211E+01	-0.8248E-03		
		0.1505E+01	-0.5934E-03		
		0.1800E+01	-0.4152E-03		
		0.3820E+01	-0.1548E-04		
		0.5840E+01	-0.1140E-06		
		0.7860E+01	0.8624E-10		
		0.8145E+01	0.8802E-10		
		0.8429E+01	0.8899E-10		
		0.8714E+01	0.8930E-10		
0.7000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9073E+02	0.0000E+00
		0.1500E-02	-0.2110E-03		
		0.3063E+00	-0.1775E-03		
		0.6111E+00	-0.1442E-03		
		0.9159E+00	-0.1131E-03		
		0.1211E+01	-0.8656E-04		
		0.1505E+01	-0.6412E-04		
		0.1800E+01	-0.4596E-04		
		0.3820E+01	-0.1872E-05		
		0.5840E+01	-0.1423E-07		
		0.7860E+01	0.2939E-10		
		0.8145E+01	0.2977E-10		
		0.8429E+01	0.3002E-10		
		0.8714E+01	0.3011E-10		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.7500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9439E+02	0.0000E+00
		0.1500E-02	-0.9692E-02		
		0.3063E+00	-0.7606E-02		
		0.6111E+00	-0.5858E-02		
		0.9159E+00	-0.4418E-02		
		0.1211E+01	-0.3289E-02		
		0.1505E+01	-0.2392E-02		
		0.1800E+01	-0.1697E-02		
		0.3820E+01	-0.7478E-04		
		0.5840E+01	-0.7397E-06		
		0.7860E+01	0.2508E-08		
		0.8145E+01	0.2532E-08		
		0.8429E+01	0.2546E-08		
		0.8714E+01	0.2550E-08		
0.7500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9439E+02	0.0000E+00
		0.1500E-02	-0.5508E-02		
		0.3063E+00	-0.4330E-02		
		0.6111E+00	-0.3340E-02		
		0.9159E+00	-0.2522E-02		
		0.1211E+01	-0.1880E-02		
		0.1505E+01	-0.1369E-02		
		0.1800E+01	-0.9715E-03		
		0.3820E+01	-0.4296E-04		
		0.5840E+01	-0.4255E-06		

		0.7860E+01	0.9952E-09		
		0.8145E+01	0.1007E-08		
		0.8429E+01	0.1013E-08		
		0.8714E+01	0.1015E-08		
0.7500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9439E+02	0.0000E+00
		0.1500E-02	-0.2475E-02		
		0.3063E+00	-0.1953E-02		
		0.6111E+00	-0.1512E-02		
		0.9159E+00	-0.1145E-02		
		0.1211E+01	-0.8557E-03		
		0.1505E+01	-0.6243E-03		
		0.1800E+01	-0.4440E-03		
		0.3820E+01	-0.1978E-04		
		0.5840E+01	-0.1964E-06		
		0.7860E+01	0.3818E-09		
		0.8145E+01	0.3870E-09		
		0.8429E+01	0.3899E-09		
		0.8714E+01	0.3908E-09		
0.7500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9439E+02	0.0000E+00
		0.1500E-02	-0.2118E-03		
		0.3063E+00	-0.1796E-03		
		0.6111E+00	-0.1472E-03		
		0.9159E+00	-0.1169E-03		
		0.1211E+01	-0.9062E-04		
		0.1505E+01	-0.6816E-04		
		0.1800E+01	-0.4972E-04		
		0.3820E+01	-0.2434E-05		
		0.5840E+01	-0.2502E-07		
		0.7860E+01	0.1427E-09		
		0.8145E+01	0.1440E-09		
		0.8429E+01	0.1448E-09		
		0.8714E+01	0.1451E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.9793E+02	0.0000E+00
		0.1500E-02	-0.9712E-02		
		0.3063E+00	-0.7657E-02		
		0.6111E+00	-0.5936E-02		
		0.9159E+00	-0.4513E-02		
		0.1211E+01	-0.3394E-02		
		0.1505E+01	-0.2498E-02		
		0.1800E+01	-0.1797E-02		
		0.3820E+01	-0.9245E-04		
		0.5840E+01	-0.1187E-05		
		0.7860E+01	0.7909E-08		
		0.8145E+01	0.7970E-08		
		0.8429E+01	0.8005E-08		
		0.8714E+01	0.8016E-08		
0.8000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.9793E+02	0.0000E+00
		0.1500E-02	-0.5520E-02		
		0.3063E+00	-0.4360E-02		
		0.6111E+00	-0.3385E-02		
		0.9159E+00	-0.2577E-02		
		0.1211E+01	-0.1940E-02		

		0.1505E+01	-0.1430E-02		
		0.1800E+01	-0.1029E-02		
		0.3820E+01	-0.5315E-04		
		0.5840E+01	-0.6836E-06		
		0.7860E+01	0.3365E-08		
		0.8145E+01	0.3396E-08		
		0.8429E+01	0.3413E-08		
		0.8714E+01	0.3419E-08		
0.8000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.9793E+02	0.0000E+00
		0.1500E-02	-0.2480E-02		
		0.3063E+00	-0.1967E-02		
		0.6111E+00	-0.1533E-02		
		0.9159E+00	-0.1171E-02		
		0.1211E+01	-0.8838E-03		
		0.1505E+01	-0.6526E-03		
		0.1800E+01	-0.4707E-03		
		0.3820E+01	-0.2450E-04		
		0.5840E+01	-0.3161E-06		
		0.7860E+01	0.1391E-08		
		0.8145E+01	0.1405E-08		
		0.8429E+01	0.1413E-08		
		0.8714E+01	0.1415E-08		
0.8000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.9793E+02	0.0000E+00
		0.1500E-02	-0.2126E-03		
		0.3063E+00	-0.1814E-03		
		0.6111E+00	-0.1500E-03		
		0.9159E+00	-0.1203E-03		
		0.1211E+01	-0.9437E-04		
		0.1505E+01	-0.7195E-04		
		0.1800E+01	-0.5330E-04		
		0.3820E+01	-0.3067E-05		
		0.5840E+01	-0.4106E-07		
		0.7860E+01	0.5614E-09		
		0.8145E+01	0.5654E-09		
		0.8429E+01	0.5679E-09		
		0.8714E+01	0.5688E-09		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.8500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1014E+03	0.0000E+00
		0.1500E-02	-0.9730E-02		
		0.3063E+00	-0.7703E-02		
		0.6111E+00	-0.6005E-02		
		0.9159E+00	-0.4599E-02		
		0.1211E+01	-0.3489E-02		
		0.1505E+01	-0.2595E-02		
		0.1800E+01	-0.1889E-02		
		0.3820E+01	-0.1114E-03		
		0.5840E+01	-0.1801E-05		
		0.7860E+01	0.2186E-07		
		0.8145E+01	0.2201E-07		
		0.8429E+01	0.2209E-07		
		0.8714E+01	0.2211E-07		
0.8500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1014E+03	0.0000E+00
		0.1500E-02	-0.5531E-02		

		0.3063E+00	-0.4387E-02		
		0.6111E+00	-0.3425E-02		
		0.9159E+00	-0.2627E-02		
		0.1211E+01	-0.1995E-02		
		0.1505E+01	-0.1485E-02		
		0.1800E+01	-0.1083E-02		
		0.3820E+01	-0.6408E-04		
		0.5840E+01	-0.1038E-05		
		0.7860E+01	0.9879E-08		
		0.8145E+01	0.9953E-08		
		0.8429E+01	0.9994E-08		
		0.8714E+01	0.1001E-07		
0.8500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1014E+03	0.0000E+00
		0.1500E-02	-0.2485E-02		
		0.3063E+00	-0.1979E-02		
		0.6111E+00	-0.1551E-02		
		0.9159E+00	-0.1194E-02		
		0.1211E+01	-0.9092E-03		
		0.1505E+01	-0.6785E-03		
		0.1800E+01	-0.4955E-03		
		0.3820E+01	-0.2958E-04		
		0.5840E+01	-0.4807E-06		
		0.7860E+01	0.4349E-08		
		0.8145E+01	0.4382E-08		
		0.8429E+01	0.4402E-08		
		0.8714E+01	0.4408E-08		
0.8500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1014E+03	0.0000E+00
		0.1500E-02	-0.2132E-03		
		0.3063E+00	-0.1831E-03		
		0.6111E+00	-0.1526E-03		
		0.9159E+00	-0.1234E-03		
		0.1211E+01	-0.9785E-04		
		0.1505E+01	-0.7550E-04		
		0.1800E+01	-0.5670E-04		
		0.3820E+01	-0.3764E-05		
		0.5840E+01	-0.6363E-07		
		0.7860E+01	0.1870E-08		
		0.8145E+01	0.1881E-08		
		0.8429E+01	0.1888E-08		
		0.8714E+01	0.1891E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9000E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1047E+03	0.0000E+00
		0.1500E-02	-0.9747E-02		
		0.3063E+00	-0.7744E-02		
		0.6111E+00	-0.6067E-02		
		0.9159E+00	-0.4676E-02		
		0.1211E+01	-0.3575E-02		
		0.1505E+01	-0.2683E-02		
		0.1800E+01	-0.1975E-02		
		0.3820E+01	-0.1314E-03		
		0.5840E+01	-0.2606E-05		
		0.7860E+01	0.5415E-07		
		0.8145E+01	0.5446E-07		
		0.8429E+01	0.5464E-07		

		0.8714E+01	0.5470E-07		
0.9000E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1047E+03	0.0000E+00
		0.1500E-02	-0.5540E-02		
		0.3063E+00	-0.4410E-02		
		0.6111E+00	-0.3461E-02		
		0.9159E+00	-0.2672E-02		
		0.1211E+01	-0.2045E-02		
		0.1505E+01	-0.1537E-02		
		0.1800E+01	-0.1132E-02		
		0.3820E+01	-0.7563E-04		
		0.5840E+01	-0.1503E-05		
		0.7860E+01	0.2580E-07		
		0.8145E+01	0.2596E-07		
		0.8429E+01	0.2605E-07		
		0.8714E+01	0.2608E-07		
0.9000E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1047E+03	0.0000E+00
		0.1500E-02	-0.2489E-02		
		0.3063E+00	-0.1990E-02		
		0.6111E+00	-0.1568E-02		
		0.9159E+00	-0.1215E-02		
		0.1211E+01	-0.9323E-03		
		0.1505E+01	-0.7023E-03		
		0.1800E+01	-0.5186E-03		
		0.3820E+01	-0.3496E-04		
		0.5840E+01	-0.6972E-06		
		0.7860E+01	0.1199E-07		
		0.8145E+01	0.1207E-07		
		0.8429E+01	0.1211E-07		
		0.8714E+01	0.1213E-07		
0.9000E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1047E+03	0.0000E+00
		0.1500E-02	-0.2138E-03		
		0.3063E+00	-0.1847E-03		
		0.6111E+00	-0.1549E-03		
		0.9159E+00	-0.1263E-03		
		0.1211E+01	-0.1011E-03		
		0.1505E+01	-0.7884E-04		
		0.1800E+01	-0.5993E-04		
		0.3820E+01	-0.4517E-05		
		0.5840E+01	-0.9399E-07		
		0.7860E+01	0.5450E-08		
		0.8145E+01	0.5479E-08		
		0.8429E+01	0.5496E-08		
		0.8714E+01	0.5502E-08		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.9500E+02	0.2196E+03	0.0000E+00	-0.1110E-01	0.1080E+03	0.0000E+00
		0.1500E-02	-0.9761E-02		
		0.3063E+00	-0.7781E-02		
		0.6111E+00	-0.6122E-02		
		0.9159E+00	-0.4746E-02		
		0.1211E+01	-0.3653E-02		
		0.1505E+01	-0.2765E-02		
		0.1800E+01	-0.2055E-02		
		0.3820E+01	-0.1522E-03		

		0.5840E+01	-0.3624E-05		
		0.7860E+01	0.1223E-06		
		0.8145E+01	0.1229E-06		
		0.8429E+01	0.1233E-06		
		0.8714E+01	0.1234E-06		
0.9500E+02	0.2298E+03	0.0000E+00	-0.6303E-02	0.1080E+03	0.0000E+00
		0.1500E-02	-0.5548E-02		
		0.3063E+00	-0.4431E-02		
		0.6111E+00	-0.3493E-02		
		0.9159E+00	-0.2712E-02		
		0.1211E+01	-0.2090E-02		
		0.1505E+01	-0.1584E-02		
		0.1800E+01	-0.1178E-02		
		0.3820E+01	-0.8766E-04		
		0.5840E+01	-0.2091E-05		
		0.7860E+01	0.6105E-07		
		0.8145E+01	0.6138E-07		
		0.8429E+01	0.6158E-07		
		0.8714E+01	0.6164E-07		
0.9500E+02	0.2399E+03	0.0000E+00	-0.2825E-02	0.1080E+03	0.0000E+00
		0.1500E-02	-0.2493E-02		
		0.3063E+00	-0.2000E-02		
		0.6111E+00	-0.1583E-02		
		0.9159E+00	-0.1233E-02		
		0.1211E+01	-0.9534E-03		
		0.1505E+01	-0.7242E-03		
		0.1800E+01	-0.5400E-03		
		0.3820E+01	-0.4057E-04		
		0.5840E+01	-0.9717E-06		
		0.7860E+01	0.2978E-07		
		0.8145E+01	0.2995E-07		
		0.8429E+01	0.3005E-07		
		0.8714E+01	0.3008E-07		
0.9500E+02	0.2501E+03	0.0000E+00	-0.2313E-03	0.1080E+03	0.0000E+00
		0.1500E-02	-0.2144E-03		
		0.3063E+00	-0.1861E-03		
		0.6111E+00	-0.1570E-03		
		0.9159E+00	-0.1290E-03		
		0.1211E+01	-0.1041E-03		
		0.1505E+01	-0.8197E-04		
		0.1800E+01	-0.6300E-04		
		0.3820E+01	-0.5321E-05		
		0.5840E+01	-0.1333E-06		
		0.7860E+01	0.1421E-07		
		0.8145E+01	0.1428E-07		
		0.8429E+01	0.1432E-07		
		0.8714E+01	0.1434E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
1000E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1111E+03	0.0000E+00
		0.1500E-02	-0.9774E-02		
		0.3063E+00	-0.7814E-02		
		0.6111E+00	-0.6172E-02		
		0.9159E+00	-0.4809E-02		

		0.1211E+01	-0.3724E-02		
		0.1505E+01	-0.2839E-02		
		0.1800E+01	-0.2128E-02		
		0.3820E+01	-0.1736E-03		
		0.5840E+01	-0.4871E-05		
		0.7860E+01	0.2552E-06		
		0.8145E+01	0.2564E-06		
		0.8429E+01	0.2571E-06		
		0.8714E+01	0.2573E-06		
0.1000E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1111E+03	0.0000E+00
		0.1500E-02	-0.5556E-02		
		0.3063E+00	-0.4450E-02		
		0.6111E+00	-0.3522E-02		
		0.9159E+00	-0.2748E-02		
		0.1211E+01	-0.2131E-02		
		0.1505E+01	-0.1627E-02		
		0.1800E+01	-0.1221E-02		
		0.3820E+01	-0.1001E-03		
		0.5840E+01	-0.2813E-05		
		0.7860E+01	0.1328E-06		
		0.8145E+01	0.1335E-06		
		0.8429E+01	0.1339E-06		
		0.8714E+01	0.1340E-06		
0.1000E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1111E+03	0.0000E+00
		0.1500E-02	-0.2497E-02		
		0.3063E+00	-0.2009E-02		
		0.6111E+00	-0.1596E-02		
		0.9159E+00	-0.1250E-02		
		0.1211E+01	-0.9726E-03		
		0.1505E+01	-0.7444E-03		
		0.1800E+01	-0.5599E-03		
		0.3820E+01	-0.4636E-04		
		0.5840E+01	-0.1309E-05		
		0.7860E+01	0.6766E-07		
		0.8145E+01	0.6800E-07		
		0.8429E+01	0.6820E-07		
		0.8714E+01	0.6827E-07		
0.1000E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1111E+03	0.0000E+00
		0.1500E-02	-0.2149E-03		
		0.3063E+00	-0.1874E-03		
		0.6111E+00	-0.1590E-03		
		0.9159E+00	-0.1315E-03		
		0.1211E+01	-0.1069E-03		
		0.1505E+01	-0.8492E-04		
		0.1800E+01	-0.6592E-04		
		0.3820E+01	-0.6167E-05		
		0.5840E+01	-0.1826E-06		
		0.7860E+01	0.3375E-07		
		0.8145E+01	0.3390E-07		
		0.8429E+01	0.3399E-07		
		0.8714E+01	0.3402E-07		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1050E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1142E+03	0.0000E+00

		0.1500E-02	-0.9786E-02		
		0.3063E+00	-0.7844E-02		
		0.6111E+00	-0.6218E-02		
		0.9159E+00	-0.4867E-02		
		0.1211E+01	-0.3789E-02		
		0.1505E+01	-0.2908E-02		
		0.1800E+01	-0.2197E-02		
		0.3820E+01	-0.1954E-03		
		0.5840E+01	-0.6358E-05		
		0.7860E+01	0.4977E-06		
		0.8145E+01	0.4999E-06		
		0.8429E+01	0.5012E-06		
		0.8714E+01	0.5016E-06		
0.1050E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1142E+03	0.0000E+00
		0.1500E-02	-0.5563E-02		
		0.3063E+00	-0.4468E-02		
		0.6111E+00	-0.3548E-02		
		0.9159E+00	-0.2782E-02		
		0.1211E+01	-0.2169E-02		
		0.1505E+01	-0.1666E-02		
		0.1800E+01	-0.1260E-02		
		0.3820E+01	-0.1127E-03		
		0.5840E+01	-0.3674E-05		
		0.7860E+01	0.2690E-06		
		0.8145E+01	0.2702E-06		
		0.8429E+01	0.2710E-06		
		0.8714E+01	0.2712E-06		
1050E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1142E+03	0.0000E+00
		0.1500E-02	-0.2500E-02		
		0.3063E+00	-0.2017E-02		
		0.6111E+00	-0.1609E-02		
		0.9159E+00	-0.1266E-02		
		0.1211E+01	-0.9903E-03		
		0.1505E+01	-0.7630E-03		
		0.1800E+01	-0.5785E-03		
		0.3820E+01	-0.5229E-04		
		0.5840E+01	-0.1713E-05		
		0.7860E+01	0.1424E-06		
		0.8145E+01	0.1431E-06		
		0.8429E+01	0.1435E-06		
		0.8714E+01	0.1436E-06		
0.1050E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1142E+03	0.0000E+00
		0.1500E-02	-0.2154E-03		
		0.3063E+00	-0.1886E-03		
		0.6111E+00	-0.1609E-03		
		0.9159E+00	-0.1339E-03		
		0.1211E+01	-0.1096E-03		
		0.1505E+01	-0.8770E-04		
		0.1800E+01	-0.6868E-04		
		0.3820E+01	-0.7051E-05		
		0.5840E+01	-0.2428E-06		
		0.7860E+01	0.7392E-07		
		0.8145E+01	0.7423E-07		
		0.8429E+01	0.7441E-07		
		0.8714E+01	0.7448E-07		

TIME	LATERAL	DEPTH	CONCENTRATION	TOTAL MASS	TOTAL MASS

	DISTANCE			INTO SOIL	INTO BASE
1100E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1173E+03	0.0000E+00
		0.1500E-02	-0.9796E-02		
		0.3063E+00	-0.7870E-02		
		0.6111E+00	-0.6259E-02		
		0.9159E+00	-0.4919E-02		
		0.1211E+01	-0.3849E-02		
		0.1505E+01	-0.2971E-02		
		0.1800E+01	-0.2260E-02		
		0.3820E+01	-0.2175E-03		
		0.5840E+01	-0.8093E-05		
		0.7860E+01	0.9156E-06		
		0.8145E+01	0.9193E-06		
		0.8429E+01	0.9214E-06		
		0.8714E+01	0.9222E-06		
0.1100E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1173E+03	0.0000E+00
		0.1500E-02	-0.5569E-02		
		0.3063E+00	-0.4483E-02		
		0.6111E+00	-0.3572E-02		
		0.9159E+00	-0.2812E-02		
		0.1211E+01	-0.2203E-02		
		0.1505E+01	-0.1703E-02		
		0.1800E+01	-0.1297E-02		
		0.3820E+01	-0.1255E-03		
		0.5840E+01	-0.4681E-05		
		0.7860E+01	0.5119E-06		
		0.8145E+01	0.5141E-06		
		0.8429E+01	0.5153E-06		
		0.8714E+01	0.5157E-06		
0.1100E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1173E+03	0.0000E+00
		0.1500E-02	-0.2503E-02		
		0.3063E+00	-0.2025E-02		
		0.6111E+00	-0.1620E-02		
		0.9159E+00	-0.1280E-02		
		0.1211E+01	-0.1006E-02		
		0.1505E+01	-0.7802E-03		
		0.1800E+01	-0.5958E-03		
		0.3820E+01	-0.5829E-04		
		0.5840E+01	-0.2185E-05		
		0.7860E+01	0.2807E-06		
		0.8145E+01	0.2819E-06		
		0.8429E+01	0.2826E-06		
		0.8714E+01	0.2828E-06		
0.1100E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1173E+03	0.0000E+00
		0.1500E-02	-0.2158E-03		
		0.3063E+00	-0.1897E-03		
		0.6111E+00	-0.1626E-03		
		0.9159E+00	-0.1360E-03		
		0.1211E+01	-0.1120E-03		
		0.1505E+01	-0.9032E-04		
		0.1800E+01	-0.7131E-04		
		0.3820E+01	-0.7964E-05		
		0.5840E+01	-0.3146E-06		
		0.7860E+01	0.1510E-06		
		0.8145E+01	0.1516E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
		0.8429E+01	0.1520E-06		
		0.8714E+01	0.1521E-06		
0.1150E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1202E+03	0.0000E+00
		0.1500E-02	-0.9806E-02		
		0.3063E+00	-0.7895E-02		
		0.6111E+00	-0.6296E-02		
		0.9159E+00	-0.4967E-02		
		0.1211E+01	-0.3903E-02		
		0.1505E+01	-0.3029E-02		
		0.1800E+01	-0.2319E-02		
		0.3820E+01	-0.2397E-03		
		0.5840E+01	-0.1008E-04		
		0.7860E+01	0.1600E-05		
		0.8145E+01	0.1606E-05		
		0.8429E+01	0.1610E-05		
		0.8714E+01	0.1611E-05		
0.1150E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1202E+03	0.0000E+00
		0.1500E-02	-0.5574E-02		
		0.3063E+00	-0.4497E-02		
		0.6111E+00	-0.3594E-02		
		0.9159E+00	-0.2840E-02		
		0.1211E+01	-0.2235E-02		
		0.1505E+01	-0.1737E-02		
		0.1800E+01	-0.1331E-02		
		0.3820E+01	-0.1383E-03		
		0.5840E+01	-0.5832E-05		
		0.7860E+01	0.9227E-06		
		0.8145E+01	0.9263E-06		
		0.8429E+01	0.9284E-06		
		0.8714E+01	0.9291E-06		
0.1150E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1202E+03	0.0000E+00
		0.1500E-02	-0.2505E-02		
		0.3063E+00	-0.2031E-02		
		0.6111E+00	-0.1630E-02		
		0.9159E+00	-0.1293E-02		
		0.1211E+01	-0.1021E-02		
		0.1505E+01	-0.7962E-03		
		0.1800E+01	-0.6119E-03		
		0.3820E+01	-0.6434E-04		
		0.5840E+01	-0.2727E-05		
		0.7860E+01	0.5224E-06		
		0.8145E+01	0.5244E-06		
		0.8429E+01	0.5256E-06		
		0.8714E+01	0.5260E-06		
0.1150E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1202E+03	0.0000E+00
		0.1500E-02	-0.2162E-03		
		0.3063E+00	-0.1907E-03		
		0.6111E+00	-0.1641E-03		
		0.9159E+00	-0.1380E-03		
		0.1211E+01	-0.1143E-03		
		0.1505E+01	-0.9278E-04		
		0.1800E+01	-0.7380E-04		

		0.3820E+01	-0.8901E-05		
		0.5840E+01	-0.3983E-06		
		0.7860E+01	0.2904E-06		
		0.8145E+01	0.2915E-06		
		0.8429E+01	0.2921E-06		
		0.8714E+01	0.2923E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1200E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1231E+03	0.0000E+00
		0.1500E-02	-0.9814E-02		
		0.3063E+00	-0.7917E-02		
		0.6111E+00	-0.6330E-02		
		0.9159E+00	-0.5010E-02		
		0.1211E+01	-0.3954E-02		
		0.1505E+01	-0.3083E-02		
		0.1800E+01	-0.2374E-02		
		0.3820E+01	-0.2618E-03		
		0.5840E+01	-0.1231E-04		
		0.7860E+01	0.2674E-05		
		0.8145E+01	0.2684E-05		
		0.8429E+01	0.2689E-05		
		0.8714E+01	0.2691E-05		
0.1200E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1231E+03	0.0000E+00
		0.1500E-02	-0.5579E-02		
		0.3063E+00	-0.4510E-02		
		0.6111E+00	-0.3613E-02		
		0.9159E+00	-0.2865E-02		
		0.1211E+01	-0.2264E-02		
		0.1505E+01	-0.1768E-02		
		0.1800E+01	-0.1363E-02		
		0.3820E+01	-0.1512E-03		
		0.5840E+01	-0.7128E-05		
		0.7860E+01	0.1586E-05		
		0.8145E+01	0.1592E-05		
		0.8429E+01	0.1595E-05		
		0.8714E+01	0.1596E-05		
0.1200E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1231E+03	0.0000E+00
		0.1500E-02	-0.2508E-02		
		0.3063E+00	-0.2037E-02		
		0.6111E+00	-0.1639E-02		
		0.9159E+00	-0.1305E-02		
		0.1211E+01	-0.1035E-02		
		0.1505E+01	-0.8109E-03		
		0.1800E+01	-0.6269E-03		
		0.3820E+01	-0.7040E-04		
		0.5840E+01	-0.3337E-05		
		0.7860E+01	0.9243E-06		
		0.8145E+01	0.9277E-06		
		0.8429E+01	0.9297E-06		
		0.8714E+01	0.9304E-06		
0.1200E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1231E+03	0.0000E+00
		0.1500E-02	-0.2166E-03		
		0.3063E+00	-0.1917E-03		
		0.6111E+00	-0.1656E-03		

		0.9159E+00	-0.1399E-03		
		0.1211E+01	-0.1165E-03		
		0.1505E+01	-0.9511E-04		
		0.1800E+01	-0.7617E-04		
		0.3820E+01	-0.9858E-05		
		0.5840E+01	-0.4942E-06		
		0.7860E+01	0.5294E-06		
		0.8145E+01	0.5313E-06		
		0.8429E+01	0.5324E-06		
		0.8714E+01	0.5328E-06		
TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1250E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1260E+03	0.0000E+00
		0.1500E-02	-0.9822E-02		
		0.3063E+00	-0.7937E-02		
		0.6111E+00	-0.6361E-02		
		0.9159E+00	-0.5050E-02		
		0.1211E+01	-0.4000E-02		
		0.1505E+01	-0.3133E-02		
		0.1800E+01	-0.2425E-02		
		0.3820E+01	-0.2837E-03		
		0.5840E+01	-0.1477E-04		
		0.7860E+01	0.4296E-05		
		0.8145E+01	0.4310E-05		
		0.8429E+01	0.4319E-05		
		0.8714E+01	0.4322E-05		
0.1250E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1260E+03	0.0000E+00
		0.1500E-02	-0.5584E-02		
		0.3063E+00	-0.4522E-02		
		0.6111E+00	-0.3631E-02		
		0.9159E+00	-0.2888E-02		
		0.1211E+01	-0.2291E-02		
		0.1505E+01	-0.1797E-02		
		0.1800E+01	-0.1393E-02		
		0.3820E+01	-0.1640E-03		
		0.5840E+01	-0.8564E-05		
		0.7860E+01	0.2614E-05		
		0.8145E+01	0.2623E-05		
		0.8429E+01	0.2628E-05		
		0.8714E+01	0.2630E-05		
0.1250E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1260E+03	0.0000E+00
		0.1500E-02	-0.2510E-02		
		0.3063E+00	-0.2043E-02		
		0.6111E+00	-0.1648E-02		
		0.9159E+00	-0.1316E-02		
		0.1211E+01	-0.1048E-02		
		0.1505E+01	-0.8246E-03		
		0.1800E+01	-0.6409E-03		
		0.3820E+01	-0.7643E-04		
		0.5840E+01	-0.4015E-05		
		0.7860E+01	0.1564E-05		
		0.8145E+01	0.1570E-05		
		0.8429E+01	0.1573E-05		
		0.8714E+01	0.1574E-05		

0.1250E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1260E+03	0.0000E+00
		0.1500E-02	-0.2169E-03		
		0.3063E+00	-0.1926E-03		
		0.6111E+00	-0.1670E-03		
		0.9159E+00	-0.1417E-03		
		0.1211E+01	-0.1185E-03		
		0.1505E+01	-0.9731E-04		
		0.1800E+01	-0.7842E-04		
		0.3820E+01	-0.1083E-04		
		0.5840E+01	-0.6022E-06		
		0.7860E+01	0.9209E-06		
		0.8145E+01	0.9240E-06		
		0.8429E+01	0.9259E-06		
		0.8714E+01	0.9265E-06		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1300E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1287E+03	0.0000E+00
		0.1500E-02	-0.9829E-02		
		0.3063E+00	-0.7956E-02		
		0.6111E+00	-0.6390E-02		
		0.9159E+00	-0.5087E-02		
		0.1211E+01	-0.4042E-02		
		0.1505E+01	-0.3179E-02		
		0.1800E+01	-0.2472E-02		
		0.3820E+01	-0.3055E-03		
		0.5840E+01	-0.1747E-04		
		0.7860E+01	0.6662E-05		
		0.8145E+01	0.6684E-05		
		0.8429E+01	0.6697E-05		
		0.8714E+01	0.6701E-05		
0.1300E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1287E+03	0.0000E+00
		0.1500E-02	-0.5588E-02		
		0.3063E+00	-0.4533E-02		
		0.6111E+00	-0.3648E-02		
		0.9159E+00	-0.2910E-02		
		0.1211E+01	-0.2316E-02		
		0.1505E+01	-0.1824E-02		
		0.1800E+01	-0.1420E-02		
		0.3820E+01	-0.1766E-03		
		0.5840E+01	-0.1013E-04		
		0.7860E+01	0.4151E-05		
		0.8145E+01	0.4164E-05		
		0.8429E+01	0.4172E-05		
		0.8714E+01	0.4175E-05		
0.1300E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1287E+03	0.0000E+00
		0.1500E-02	-0.2512E-02		
		0.3063E+00	-0.2048E-02		
		0.6111E+00	-0.1656E-02		
		0.9159E+00	-0.1326E-02		
		0.1211E+01	-0.1060E-02		
		0.1505E+01	-0.8373E-03		
		0.1800E+01	-0.6539E-03		
		0.3820E+01	-0.8242E-04		
		0.5840E+01	-0.4756E-05		
		0.7860E+01	0.2546E-05		

		0.8145E+01	0.2554E-05		
		0.8429E+01	0.2559E-05		
		0.8714E+01	0.2561E-05		
.1300E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1287E+03	0.0000E+00
		0.1500E-02	-0.2173E-03		
		0.3063E+00	-0.1934E-03		
		0.6111E+00	-0.1683E-03		
		0.9159E+00	-0.1433E-03		
		0.1211E+01	-0.1205E-03		
		0.1505E+01	-0.9939E-04		
		0.1800E+01	-0.8056E-04		
		0.3820E+01	-0.1181E-04		
		0.5840E+01	-0.7215E-06		
		0.7860E+01	0.1537E-05		
		0.8145E+01	0.1542E-05		
		0.8429E+01	0.1545E-05		
		0.8714E+01	0.1546E-05		

TIME	LATERAL DISTANCE	DEPTH	CONCENTRATION	TOTAL MASS INTO SOIL	TOTAL MASS INTO BASE
0.1340E+03	0.2196E+03	0.0000E+00	-0.1110E-01	0.1309E+03	0.0000E+00
		0.1500E-02	-0.9835E-02		
		0.3063E+00	-0.7969E-02		
		0.6111E+00	-0.6411E-02		
		0.9159E+00	-0.5114E-02		
		0.1211E+01	-0.4074E-02		
		0.1505E+01	-0.3214E-02		
		0.1800E+01	-0.2508E-02		
		0.3820E+01	-0.3226E-03		
		0.5840E+01	-0.1977E-04		
		0.7860E+01	0.9252E-05		
		0.8145E+01	0.9281E-05		
		0.8429E+01	0.9298E-05		
		0.8714E+01	0.9304E-05		
0.1340E+03	0.2298E+03	0.0000E+00	-0.6303E-02	0.1309E+03	0.0000E+00
		0.1500E-02	-0.5591E-02		
		0.3063E+00	-0.4541E-02		
		0.6111E+00	-0.3660E-02		
		0.9159E+00	-0.2926E-02		
		0.1211E+01	-0.2334E-02		
		0.1505E+01	-0.1844E-02		
		0.1800E+01	-0.1441E-02		
		0.3820E+01	-0.1866E-03		
		0.5840E+01	-0.1148E-04		
		0.7860E+01	0.5866E-05		
		0.8145E+01	0.5885E-05		
		0.8429E+01	0.5896E-05		
		0.8714E+01	0.5899E-05		
0.1340E+03	0.2399E+03	0.0000E+00	-0.2825E-02	0.1309E+03	0.0000E+00
		0.1500E-02	-0.2513E-02		
		0.3063E+00	-0.2052E-02		
		0.6111E+00	-0.1662E-02		
		0.9159E+00	-0.1334E-02		
		0.1211E+01	-0.1068E-02		
		0.1505E+01	-0.8468E-03		

		0.1800E+01	-0.6638E-03		
		0.3820E+01	-0.8716E-04		
		0.5840E+01	-0.5393E-05		
		0.7860E+01	0.3663E-05		
		0.8145E+01	0.3675E-05		
		0.8429E+01	0.3682E-05		
		0.8714E+01	0.3684E-05		
0.1340E+03	0.2501E+03	0.0000E+00	-0.2313E-03	0.1309E+03	0.0000E+00
		0.1500E-02	-0.2175E-03		
		0.3063E+00	-0.1940E-03		
		0.6111E+00	-0.1692E-03		
		0.9159E+00	-0.1446E-03		
		0.1211E+01	-0.1219E-03		
		0.1505E+01	-0.1010E-03		
		0.1800E+01	-0.8220E-04		
		0.3820E+01	-0.1259E-04		
		0.5840E+01	-0.8243E-06		
		0.7860E+01	0.2253E-05		
		0.8145E+01	0.2260E-05		
		0.8429E+01	0.2265E-05		
		0.8714E+01	0.2266E-05		

N O T I C E

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*      M I G R A T E   S I M U L A T I O N       *
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*              ANALYSIS      COMPLETED           *
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*           EXECUTION TIME    0: 2: 0            *
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