US EPA ARCHIVE DOCUMENT

Table B-1. Analytical Data Summary, Sample by Sample

FACILITY ID: OG
Sample Date: 04-22-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		OG-01		OG-02		OG-03
Acetone	67641	<	20	J	3.5	J	16
Allyl chloride	107051		17	<	5	J	2.1
Bromodichloromethane	75274	<	5	J	1.1	<	5
Bromoform	75252	J	1.6		17	<	5
Carbon disulfide	75150	J	2.2	<	5	<	5
Chloroform	67663		91	<	5		63
Dibromochloromethane	124481	J	1.3	J	4.1	<	5
1,2-Dichloroethane	107062		82	<	5	J	2.4

Semivolatile Organics - Method 8270B µg/L

	CAS No		OG-01		OG-02		OG-03
Benzoic acid	65850		20		20		20
Bis(2-chloroethyl)ether	111444	<	10	<	10		260
Pentachlorophenol	87865		30	<	20	<	20
2,4,5-Trichlorophenol	95954		20	<	10	<	10
2,4,6-Trichlorophenol	88062		22	<	10	<	10

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		OG-01		OG-02		OG-03
Aluminum	7429905	<	0.20		16.4		0.33
Arsenic	7440382	<	0.01		0.05		0.01
Beryllium	7440417	<	0.005		0.006	<	0.005
Calcium	7440702		81.3		25,500		10.4
Chromium	7440473		0.03		0.05		0.08
Copper	7440508		0.20		0.13		0.10
Iron	7439896		9.2		28.1		136
Lead	7439921	<	0.003		0.02		0.02
Magnesium	7439954		8.6		85.1	<	5
Manganese	7439965		0.10		1.6		0.55
Molybdenum	7439987	<	0.02		0.04	<	0.02
Nickel	7440020		0.15		0.11		0.07
Potassium	7440097		53.0		24.9		27.2
Sodium	7440235		7,210		2,530		2,860
Vanadium	7440622	<	0.05		0.25	<	0.05
Zinc	7440666		0.10		0.20		0.21

FACILITY ID: OG (cont)

General Chemistry mg/L	CAS No.		OG-01		OG-02		OG-03
TDS	NA		18,400		105,000		6,420
TSS	NA		48		835		280
TOC	NA		790		8.2		34

Dioxins/Furans - Method 1613 ng/L	CAS No.		OG-01		OG-02		OG-03
Total TCDF	55722275		0.049		0.012	<	0.033
Total PeCDF	30402154		0.300		0.056		0.15
1,2,3,4,7,8-HxCDF	70648269	<	0.140		0.420	<	0.056
1,2,3,6,7,8-HxCDF	57117449		0.110		0.440	<	0.056
2,3,4,6,7,8-HxCDF	60851345		0.100		0.430	<	0.056
1,2,3,7,8,9-HxCDF	72918219		0.098		0.210	<	0.056
Total HxCDF	55684941		1.20		3.10		0.44
Total HxCDD	34465468	<	0.050		0.100	<	0.056
1,2,3,4,6,7,8-HpCDF	67562394		1.90		15.0	<	0.056
1,2,3,4,7,8,9-HpCDF	55673897		0.240		4.60	<	0.056
Total HpCDF	38998753		3.00		28.0		0.85
1,2,3,4,6,7,8-HpCDD	35822469		0.069		1.90	<	0.056
Total HpCDD	37871004		0.069		3.10	<	0.056
OCDF	39001020		4.60		86.0		0.75
OCDD	3268879		0.600		22.0		0.19

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

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FACILITY ID: OG
Sample Date: 04-22-97
Matrix: Wastewater Sludge

Volatile Organics - Method 8260A µg/kg

	CAS No.		OG-04**		OG-05**		OG-06**		OG-04		OG-05		OG-06
Acetone	67641		3,340		41	<	52		2000		23	<	20
Allyl chloride	107051		13		61	J	9.2		8		34	J	3.5
Bromoform	75252	<	8		68	<	13	<	5		38	<	5
2-Butanone	78933		200		10	<	13		120		6	<	5
Carbon disulfide	75150	<	8	J	7.8	<	13	<	5	J	4.4	<	5
Chloroform	67663	J	4.2	J	7.8	J	9.2	J	2.5	J	4.4	J	3.5
Dibromochloromethane	124481	<	8		20	<	13	<	5		11	<	5
1,2-Dichloroethane	107062		15		61	J	7.1		9		34	J	2.7
2-Hexanone	591786	J	4.2	<	9	<	13	J	2.5	<	5	<	5
Trichloroethene	79016	J	4.7	J	5.5	<	13	J	2.8	J	3.1	<	5
Vinyl acetate	108054	J	8	<	9		19	J	4.8	<	5		7

TCLP Volatile Organics - Methods 1311, 8260A µg/L

	CAS No.		OG-04		OG-05		OG-06
Acetone	67641	B	670	B	220	B	330
Bromoform	75252	<	5	J	3.6	<	5
2-Butanone	78933		28	J	3.1	<	5
1,2-Dichloroethane	107062	<	5		26	J	2.6
cis-1,3-Dichloropropene	10061015	J	3.8		9	<	5
Methylene chloride	75092		44		18		23

Semivolatile Organics - Method 8270B µg/kg

	CAS No		OG-04**		OG-05**		OG-06**		OG-04		OG-05		OG-06
Benzoic acid	65850	J	320	<	2,300	<	3,400	J	190	<	1,300	<	1,300
Bis(2-chloroethyl)ether	111444	<	1,100	<	1,200		2,100	<	660	<	670		800
Bis(2-ethylhexyl)phthalate	117817	J	230	J	180		4,900	J	140	J	100		1,870
Hexachlorobenzene	118741	J	180	<	1,200	<	1,700	J	110	<	670	<	650

.P Semivolatile Organics - Methods 1311, 8270B µg/L

	CAS No		OG-04		OG-05		OG-06
Benzoic acid	65850		108		31	<	20
Bis(2-chloroethyl)ether	111444	<	10	<	10		12

FACILITY ID: OG (cont)

Total Metals - Methods 6010, 7471 mg/kg

	CAS No.		OG-04**		OG-05**		OG-06**		OG-04		OG-05		OG-06
Aluminum	7429905		486		6,400		549		291		3,590		209
Arsenic	7440382		9.7		25.0		18.6		5.8		14.0		7.1
Barium	7440393	<	33	<	36		112	<	20	<	20		42.5
Cadmium	7440439	<	0.8	<	0.9		1.65	<	0.5	<	0.5		0.63
Calcium	7440702		357,000		273,000		34,600		214,000		153,000		13,200
Chromium	7440473		20.4		40.6		184		12.2		22.8		70.2
Cobalt	7440484	<	8		3.9		27.3	<	5		2.2		10.4
Copper	7440508		91.0		69.2		370		54.5		38.8		141
Iron	7439896		11,600		23,000		415,000		6,940		12,900		158,000
Lead	7439921		2.7		15.5		34.1		1.6		8.7		13.0
Magnesium	7439954	<	830		8,880		7,170	<	500		4,980		2,730
Manganese	7439965		222		1,280		1,740		133		719		663
Molybdenum	7439987	<	3		16.2	<	5	<	2		9.1	<	2
Nickel	7440020		52.6		75.0		210		31.5		42.1		80.2
Potassium	7440097	<	830		1,100	<	1,300	<	500		616	<	500
Sodium	7440235		4,570		3,460		7,430		2,740		1,940		2,830
Vanadium	7440622		24.4		137		23.9		14.6		77.0		9.1
Zinc	7440666		92.8		178		1,810		55.6		99.6		688

TCLP Metals - Methods 1311, 6010, 7470 mg/L

	CAS No.		OG-04		OG-05		OG-06
Calcium	7440702		848		1,270		588
Cobalt	7440484	<	0.05	<	0.05		0.07
Copper	7440508		0.43	<	0.25	<	0.25
Magnesium	7439954		3.2		168		136
Manganese	7439965		1.7		5.1		12.9
Molybdenum	7439987	<	0.20		0.24		0.22
Nickel	7440020		0.34		0.22		0.67
Potassium	7440097		9.3	<	1		5.2
Zinc	7440666	<	2	<	2		4.0

General Chemistry mg/kg

	CAS No.		OG-04**		OG-05**		OG-06**		OG-04		OG-05		OG-06
TOC	NA		NA		NA		NA		NA		NA		NA
Oil & Grease	NA		NA		NA		NA		NA		NA		NA
BTU	NA		NA		NA		NA	<	213		361		362
Percent Solids	NA		NA		NA		NA		59.9		56.1		38.1

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FACILITY ID: OG (cont)

Dioxins/Furans - Method 1613 ng/kg

	CAS No.	OG-04**	OG-05**	OG-06**	OG-04	OG-05	OG-06
2,3,7,8-TCDF	51207319	1.9	2.8	< 16.0	1.1	1.6	< 6.1
Total TCDF	55722275	47.0	54.0	580	28.2	30.3	221
Total TCDD	41903575	2.0	< 0.9	< 3.1	1.2	< 0.5	< 1.2
1,2,3,7,8-PeCDF	57117416	14.0	26.0	55.0	8.4	14.6	21.0
2,3,4,7,8-PeCDF	57117314	18.0	44.0	59.0	10.8	24.7	22.5
Total PeCDF	30402154	240	310	1,400	144	174	533
1,2,3,7,8-PeCDD	40321764	< 4.7	12.0	< 15.0	< 2.8	6.7	< 5.7
Total PeCDD	36088229	17.0	190	< 15.0	10.2	107	< 5.7
1,2,3,4,7,8-HxCDF	70648269	180	550	280	108	309	107
1,2,3,6,7,8-HxCDF	57117449	140	500	< 42.0	83.9	281	< 16.0
2,3,4,6,7,8-HxCDF	60851345	120	520	86.0	71.9	292	32.8
1,2,3,7,8,9-HxCDF	72918219	65.0	250	< 210	38.9	140	< 80.0
Total HxCDF	55684941	1,200	3,900	3,600	719	2,190	1,370
1,2,3,4,7,8-HxCDD	39227286	14.0	43.0	< 15.0	8.4	24.1	< 5.7
1,2,3,6,7,8-HxCDD	57653857	13.0	37.0	< 15.0	7.8	20.8	< 5.7
1,2,3,7,8,9-HxCDD	19408743	9.4	34.0	< 15.0	5.6	19.1	< 5.7
Total HxCDD	34465468	71.0	310	< 15.0	42.5	174	< 5.7
1,2,3,4,6,7,8-HpCDF	67562394	3,500	14,000	120	2,100	7,850	45.7
1,2,3,4,7,8,9-HpCDF	55673897	690	4,000	130	413	2,240	49.5
Total HpCDF	38998753	5,700	25,000	5,700	3,400	14,000	2,170
1,2,3,4,6,7,8-HpCDD	35822469	390	2,200	38.0	234	1,230	14.5
Total HpCDD	37871004	390	3,600	38.0	234	2,020	14.5
OCDF	39001020	18,000	86,000	1,700	10,800	48,300	648
OCDD	3268879	3,700	23,000	780	2,220	12,900	297

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

** Results reported on a dry-weight basis.

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FACILITY ID: VT
Sample Date: 05-20-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		VT-01		VT-02		VT-03		VT-04
Bromodichloromethane	75274		24		110	<	5		7
Bromoform	75252		31		45	<	5	<	5
Carbon disulfide	75150	<	5		140	<	5		8
Carbon tetrachloride	56235		14		8	<	5		160
Chloroform	67663		25		380		5		13
Dibromochloromethane	124481		56		88	<	5		6
Trichloroethene	79016	<	5	<	5	<	5	<	5
Tertachloroethene	127184	<	5	<	5	<	5		18

Semivolatile Organics - Method 8270B µg/L

	CAS No		VT-01		VT-02		VT-03		VT-04
Benzoic acid	65850		82	<	20	<	20		28
Benzyl alcohol	100516	<	10	<	10	<	10		180
1,2-Dichlorobenzene	95501	<	10	J	8.8	<	10	<	10
1,3-Dichlorobenzene	541731	<	10	J	6.9	<	10	<	10
Hexachlorobenzene	118741		20	<	10	<	10	J	9.1
Hexachlorocyclopentadiene	77474		430		24	<	10		100

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		VT-01		VT-02		VT-03		VT-04
Aluminum	7429905	<	0.20	<	0.20	<	0.20		0.35
Beryllium	7440417		0.006	<	0.005	<	0.005	<	0.005
Calcium	7440702		5.6	<	5.0		15.3		15.4
Chromium	7440473		0.08		0.03		0.32		0.01
Copper	7440508	<	0.03	<	0.03	<	0.03		0.06
Iron	7439896		0.8		0.8		3.0		1.8
Lead	7439921	<	0.003		0.003		0.003		0.007
Magnesium	7439954	<	5.0	<	5.0		6.7		5.9
Manganese	7439965	<	0.02	<	0.02		0.07		0.08
Molybdenum	7439987	<	0.02	<	0.02		0.06	<	0.02
Nickel	7440020		12.0		0.11		1.1		0.13
Potassium	7440097		226		6.1	<	5.0	<	5.0
Sodium	7440235		52,400		31,100		22.3		1,660
Zinc	7440666		0.08		0.06		0.07		0.13

FACILITY ID: VT (cont)

General Chemistry mg/L

	CAS No.	VT-01		VT-02		VT-03		VT-04
TSS	NA		38	<	20	<	20	20
Oil & Grease	NA	<	2	<	2	<	2	< 2
TOC	NA	<	1		4	<	1	4

Dioxins/Furans - Method 1613 ng/L

	CAS No.	*VT-01 ng/kg		VT-02		VT-03	VT-04
2,3,7,8-TCDF	51207319		1.2	<	0.010	< 0.009	0.091
Total TCDF	55722275		2.2	<	0.010	< 0.009	1.40
Total TCDD	41903575	<	1.0	<	0.010	< 0.009	0.099
1,2,3,7,8-PeCDF	57117416	<	4.8	<	0.051	< 0.045	0.950
2,3,4,7,8-PeCDF	57117314	<	4.8	<	0.051	< 0.045	0.079
Total PeCDF	30402154	<	4.8	<	0.051	< 0.045	4.30
1,2,3,4,7,8-HxCDF	70648269	<	4.8	<	0.051	< 0.045	1.20
1,2,3,6,7,8-HxCDF	57117449	<	4.8	<	0.051	< 0.045	1.20
2,3,4,6,7,8-HxCDF	60851345	<	4.8	<	0.051	< 0.045	0.430
1,2,3,7,8,9-HxCDF	72918219	<	6.1	<	0.051	< 0.045	0.680
Total HxCDF	55684941	<	4.8	<	0.051	< 0.045	6.80
Total HxCDD	34465468	<	4.8	<	0.051	< 0.045	0.067
1,2,3,4,6,7,8-HpCDF	67562394	<	4.8		0.200	0.580	2.60
1,2,3,4,7,8,9-HpCDF	55673897	<	4.8		0.065	0.220	2.30
Total HpCDF	38998753	<	4.8		0.330	1.10	6.30
1,2,3,4,6,7,8-HpCDD	35822469		6.2	<	0.051	0.170	0.050
Total HpCDD	37871004		6.2	<	0.051	0.220	0.050
OCDF	39001020		18.0		0.860	7.00	6.500
OCDD	3268879		53.0	<	0.100	1.40	0.240

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

* Sample was originally analyzed as a solid matrix due to the amount of precipitate present. Sample will be reanalyzed as a liquid matrix.

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FACILITY ID: DC
Sample Date: 05-21-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		DC-02		DC-03		DC-04		DC-05
Acetone	67641	<	20		240	J	15		190
Benzene	71432	<	5	<	5	<	5	J	3.9
Bromomethane	74839	J	3.3		190	<	10	<	10
2-Butanone	78933		8		470	<	5		60
Carbon disulfide	75150		21	J	17	J	4.6	<	5
2-Chloro-1,3-butadiene	126998		8	<	5	<	5	<	5
Chloromethane	74873		24		33,000	<	10		55
1,2-Dichloroethane	107062	<	5	J	7.1	<	5		22
Tetrachloroethene	127184	<	5	<	5	<	5		6
1,1,1-Trichloroethane	71556	<	5	J	2.7	<	5		8

Semivolatile Organics - Method 8270B µg/L

	CAS No		DC-02		DC-03		DC-04		DC-05
Benzoic acid	65850	J	19	<	20	<	20	<	50

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		DC-02		DC-03		DC-04		DC-05
Aluminum	7429905		2.9	<	0.20		13.1		1.53
Arsenic	7440382		0.01	<	0.01	<	0.01		0.01
Barium	7440393	<	0.20	<	0.20	<	0.20		0.21
Calcium	7440702	<	5.0		81.3	<	5.0		2,600
Chromium	7440473		0.01	<	0.01		0.02	<	0.01
Copper	7440508	<	0.03	<	0.03	<	0.03		0.7
Iron	7439896		1.1		0.7		2.3		1.9
Lead	7439921	<	0.003	<	0.003		0.006		0.008
Magnesium	7439954	<	5.0		15.7	<	5.0		12.2
Manganese	7439965	<	0.02	<	0.02	<	0.02		0.17
Potassium	7440097	<	5.0	<	5.0		7.8		7.9
Sodium	7440235	<	5.0		13.4	<	5.0		73.4
Zinc	7440666		0.04	<	0.02		0.07		0.37

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FACILITY ID: DC (cont)

General Chemistry mg/L

	CAS No.		DC-02		DC-03	DC-04	DC-05
TSS	NA	<	20	<	20	29	73
Oil & Grease	NA	<	2	<	2	166	42
TOC	NA		90		751	471	113

Dioxins/Furans-Method 1613 ng/L

	CAS No.	DC-02	DC-03	DC-04	DC-05
Not Detected	NA	ND	ND	ND	ND

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: DC
Sample Date: 05-21-97
Matrix: Wastewater Sludge

Volatile Organics - Method 8260A µg/kg

	CAS No.		DC-01**	DC-01
Acetone	67641		4,100	2,200
Methylene chloride	75092		22,400	12,000

TCLP Volatile Organics - Methods 1311, 8260A µg/L

	CAS No.		DC-01
Acetone	67641		150
Carbon disulfide	75150		6
Methylene chloride	75092	J	9.1

Semivolatile Organics - Method 8270B µg/kg

	CAS No		DC-01**	DC-01
Not Detected	NA		ND	ND

.P Semivolatile Organics - Methods 1311, 8270B µg/L

	CAS No		DC-01
Benzoic acid	65850	J	13

Total Metals - Methods 6010, 7471 mg/kg

	CAS No.		DC-01**	DC-01
Aluminum	7429905		3,600	1,930
Arsenic	7440382		3.54	1.90
Calcium	7440702		144,000	77,200
Chromium	7440473		13	7.0
Copper	7440508		1,200	643
Iron	7439896		10,600	5,680
Lead	7439921		13	7.0
Magnesium	7439954		43,500	23,300
Manganese	7439965		203	109
Nickel	7440020		17	9.1
Zinc	7440666		1,070	574

FACILITY ID: DC (cont)

TCLP Metals - Methods 1311, 6010, 7470 mg/L

	CAS No.	DC-01
Aluminum	7429905	2.4
Calcium	7440702	1,470
Copper	7440508	5.3
Magnesium	7439954	81
Manganese	7439965	4.1

General Chemistry mg/kg

	CAS No.	DC-01**	DC-01
TOC	NA	78,500	42,100
Oil & Grease	NA	122,000	65,400
BTU	NA	NA	3,199
Percent Solids	NA	NA	53.6

Dioxins/Furans - Method 1613 ng/kg

	CAS No.	DC-01**	DC-01
1,2,3,4,6,7,8-HpCDF	67562394	5.8	3.1
Total HpCDF	38998753	5.8	3.1
1,2,3,4,6,7,8-HpCDD	35822469	13.0	7.0
Total HpCDD	37871004	24.0	12.9
OCDF	39001020	18.0	9.6
OCDD	3268879	82.0	44.0

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

** Results reported on a dry-weight basis.

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FACILITY ID: DK
Sample Date: 05-22-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		DK-01		DK-02		DK-03		DK-04
Acetone	67641		150		45		14,000		1,200
Benzene	71432	J	4.9	J	3.2	<	5	<	5
2-Butanone	78933		110		50		150		18
Carbon disulfide	75150		270		81		10		580
Carbon tetrachloride	56235	<	5		11	<	5	<	5
2-Chloro-1,3-butadiene	126998		1,000		62		110		140
Chloroform	67663		17		22	<	5		6
1,1-Dichloroethene	75354		8	<	5		6	<	5
1,2-Dichloropropane	78875		6	<	5	<	5	<	5
2-Hexanone	591786	<	5	<	5		29,000	<	5
Toluene	108883		86		150		1,200		210
1,1,2-Trichloroethane	79005		7		200	<	5	<	5

Semivolatile Organics - Method 8270B µg/L

	CAS No		DK-01		DK-02		DK-03		DK-04
Not Detected	NA		ND		ND		ND		ND

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		DK-01		DK-02		DK-03		DK-04
Aluminum	7429905	<	0.20	<	0.20	<	0.20		0.79
Arsenic	7440382		0.01	<	0.01		0.01	<	0.01
Calcium	7440702		121		6.35		21.3		133
Chromium	7440473		0.55	<	0.01		0.04	<	0.01
Copper	7440508		0.05	<	0.03		0.26	<	0.03
Iron	7439896		2.3	<	0.10		0.96		2.2
Magnesium	7439954		34.6	<	5.0		8.2		10.8
Manganese	7439965		0.89		0.05		0.23		0.12
Molybdenum	7439987		0.10	<	0.02	<	0.02	<	0.02
Nickel	7440020		0.09	<	0.04		0.54		0.09
Potassium	7440097	<	5.0	<	5.0		10.8		11.5
Sodium	7440235		35.8		6.1		8,680		682
Zinc	7440666		0.02	<	0.02	<	0.02		0.07

|::

FACILITY ID: DK (cont)

General Chemistry mg/L

	CAS No.		DK-01		DK-02		DK-03		DK-04
TSS	NA	<	20	<	20		174		85
Oil & Grease	NA	<	2	<	2		318		5
TOC	NA		443		29		939		136

Dioxins/Furans - Method 1613 ng/L

	CAS No.		DK-01		DK-02		DK-03		DK-04
Total TCDF	55722275		0.040		0.094	<	6.70		0.055
Total TCDD	41903575	<	0.010		0.048		1.70		0.040
Total PeCDF	30402154	<	0.050	<	0.051		1.50	<	0.050
Total PeCDD	36088229	<	0.050	<	0.051		0.500	<	0.050
Total HxCDF	55684941	<	0.050	<	0.051		1.30	<	0.050
Total HxCDD	34465468	<	0.050	<	0.051		0.740	<	0.050
Total HpCDD	37871004	<	0.050	<	0.051		0.300	<	0.050

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: BG
Sample Date: 06-04-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		BG-01		BG-05
Acetone	67641	<	20		4,200
Benzene	71432	<	5		85
2-Butanone	78933		6		67
Carbon disulfide	75150	<	5	J	2.6
Chlorobenzene	108907	<	5		16
Chloroethane	75003	J	98		12
Chloroform	67663		7,100	<	5
1,2-Dichlorobenzene	95501	<	5		5
1,4-Dichlorobenzene	106467	<	5	J	2.9
1,1-Dichloroethane	75343	<	5		810
1,2-Dichloroethane	107062		120		40
1,1-Dichloroethene	75354	<	5	J	2.6
trans-1,2-Dichloroethene	156605	<	5	J	39
1,2-Dichloropropane	78875	<	5		9.9
Ethylbenzene	100414	<	5		5.2
4-Methyl-2-pentanone	108101	<	5	J	2.8
Toluene	108883	<	5	J	4.6
1,1,2-Trichloroethane	79005	<	5		47
Vinyl chloride	75014	<	10	J	680

Semivolatile Organics - Method 8270B µg/L

	CAS No		BG-01		BG-05
Benzoic acid	65850		77		67
Benzyl alcohol	100516	<	10	J	13
Di-n-butyl phthalate	84742	<	10		290
2,4-Dimethylphenol	105679	<	10		18
Bis(2-ethylhexyl)phthalate	117817	<	10		52

FACILITY ID: BG (cont)

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		BG-01		BG-05
Aluminum	7429905		2.28		2.08
Calcium	7440702		40.7		56.0
Chromium	7440473		7.93		0.35
Cobalt	7440484		0.07	<	0.05
Copper	7440508		0.80		0.39
Iron	7439896		96.1		139
Lead	7439921		0.008		0.070
Magnesium	7439954		12.6		7.60
Manganese	7439965		1.97		1.21
Mercury	7439976		0.008		8.60
Molybdenum	7439987		0.04		0.10
Nickel	7440020		3.66		0.70
Potassium	7440097		5.8		11.6
Sodium	7440235		9,760		196
Zinc	7440666		0.27		3.58

General Chemistry mg/L

	CAS No.		BG-01	BG-05
TSS	NA	<	20	540
Oil & Grease	NA	<	2	111
TOC	NA		1,510	302

Dioxins/Furans - Method 1613 ng/L

	CAS No.		BG-01	BG-05
Total TCDF	55722275	<	0.010	0.010
Total TCDD	41903575	<	0.010	0.027
Total HxCDD	34465468	<	0.048	0.050
1,2,3,4,6,7,8-HpCDF	67562394		0.160	0.048
Total HpCDF	38998573		0.160	0.048
1,2,3,4,6,7,8-HpCDD	35822469	<	0.048	0.170
Total HpCDD	37871004	<	0.048	0.340
OCDF	39001020		1.50	0.098
OCDD	3268879	<	0.095	1.300

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: BG
Sample Date: 06-04-97
Matrix: Wastewater Sludge

Volatile Organics - Method 8260A µg/kg

	CAS No.	BG-04**	BG-06**
Not Detected	67641	ND	ND

TCLP Volatile Organics - Methods 1311, 8260A µg/L

	CAS No.		BG-04		BG-06
Acetone	67641	B	570	B	130
Benzene	71432	<	5	J	4.9
Bromodichloromethane	75274		6	<	5
2-Butanone	78933		18		9
Carbon disulfide	75150	<	5		14
Chloroform	67663		18	<	5
Dibromochloromethane	124481		5	<	5
1,1-Dichloroethane	75343	<	5		43
1,2-Dichloroethane	107062		17		7
trans-1,2-Dichloroethene	156605	<	5	J	3.2
Methylene chloride	75092	J	5.7	J	6.6
1,1,2-Trichloroethane	79005	<	5		10
Vinyl chloride	75014	<	5	J	7.1

Semivolatile Organics - Method 8270B µg/kg

	CAS No		BG-04**		BG-06**		BG-04		BG-06
Benzo(g,h,i)perylene	191242		51,600	<	15,100		13,000	<	6,600
Di-n-butyl phthalate	84742	<	32,700		45,800	<	8,250		20,000
1,2-Dichlorobenzene	95501	<	32,700	J	4,600	<	8,250	J	2,010
1,3-Dichlorobenzene	541731	<	32,700	J	1,600	<	8,250	J	700
1,4-Dichlorobenzene	106467	<	32,700	J	2,200	<	8,250	J	960
Bis(2-ethylhexyl)phthalate	117817	<	32,700	J	7,800	<	8,250	J	3,400
Fluoranthene	206440	J	17,100	J	1,500	J	4,300	J	670
Pyrene	129000		63,500	J	5,300		16,000	J	2,320
1,2,4-Trichlorobenzene	120821	<	32,700	J	5,400	<	8,250	J	2,340

FACILITY ID: BG (cont)

.P Semivolatile Organics - Methods 1311, 8270B µg/L

	CAS No		BG-04		BG-06
Benzoic acid	65850	J	17	J	14
Butyl benzyl phthalate	85687	<	10	J	7.9
Phenol	108952	J	6.3	<	10

Total Metals - Methods 6010, 7471 mg/kg

	CAS No.		BG-04**	BG-06**		BG-04	BG-06
Aluminum	7429905		3,200	1,430		805	626
Arsenic	7440382		4.37	8.24		1.10	3.60
Barium	7440393		164	98.4		41.4	43.0
Cadmium	7440439	<	2	2.3	<	0.5	1.0
Calcium	7440702		13,100	2,500		3,290	1,090
Chromium	7440473		65.1	35.0		16.4	15.3
Copper	7440508		687	99.5		173	43.5
Iron	7439896		25,600	5,510		6,440	2,410
Lead	7439921		16.3	34.8		4.1	15.2
Magnesium	7439954	J	1,950	483	J	492	211
Manganese	7439965		235	32.7		59.3	14.3
Mercury	7439976		78.6	21,100		19.8	9,200
Nickel	7440020		81.0	61.8		20.4	27.0
Sodium	7440235		7,540	1,800		1,900	785
Vanadium	7440622	<	20	15.3	<	5	6.7
Zinc	7440666		738	1,020		186	446

TCLP Metals - Methods 1311, 6010, 7470 mg/L

	CAS No.		BG-04	BG-06
Calcium	7440702		128	417
Chromium	7440473	<	0.05	0.10
Copper	7440508		0.52	0.64
Magnesium	7439954		18	2.7
Manganese	7439965		1.3	0.3
Mercury	7439976	<	0.01	0.26
Nickel	7440020		0.24	1.0
Potassium	7440097		2.9	1.6
Zinc	7440666		3.2	9.5

FACILITY ID: BG (cont)

General Chemistry mg/kg	CAS No.		BG-04**	BG-06**		BG-04	BG-06
TOC	NA		265,000	52,000		66,900	22,600
Oil & Grease	NA		6,900	95,000		1,740	41,600
BTU	NA		NA	NA	<	216	1,085
Percent Solids	NA		NA	NA		25.2	43.7

Dioxins/Furans - Method 1613 ng/kg	CAS No.		BG-04**	BG-06**		BG-04	BG-06
2,3,7,8-TCDF	51207319		5.9	23.0		1.5	10.1
Total TCDF	55722275		5.9	110		1.5	48.1
Total TCDD	41903575	<	1.0	8.8	<	0.3	3.8
1,2,3,7,8-PeCDF	57117416	<	18.0	66.0	<	4.5	28.8
2,3,4,7,8-PeCDF	57117314	<	14.0	45.0	<	3.5	19.7
Total PeCDF	30402154		75.0	390		18.9	170
1,2,3,4,7,8-HxCDF	70648269		140	190		35.3	83.0
1,2,3,6,7,8-HxCDF	57117449		84.0	110		21.2	48.1
2,3,4,6,7,8-HxCDF	60851345		63.0	73.0		15.9	31.9
1,2,3,7,8,9-HxCDF	72918219		38.0	44.0		9.6	19.2
Total HxCDF	55684941		740	860		186	376
Total HxCDD	34465468		22.0	150		5.5	65.6
1,2,3,4,6,7,8-HpCDF	67562394		1,000	250		252	109
1,2,3,4,7,8,9-HpCDF	55673897		240	68.0		60.5	29.7
Total HpCDF	38998753		1,800	320		454	140
1,2,3,4,6,7,8-HpCDD	35822469		300	400		75.6	175
Total HpCDD	37871004		580	800		146	350
OCDF	39001020		5,400	230		1,360	101
OCDD	3268879		2,600	3,300		655	1,440

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

** Results reported on a dry-weight basis.

FACILITY ID: VG
Sample Date: 06-05-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		VG-01		VG-03		VG-05		VG-06
Acetone	67641	<	20	<	20		25		29
Bromodichloromethane	75274	<	5	<	5		12	J	4.8
Bromoform	75252	<	5	<	5		19	<	5
2-Butanone	78933	J	2.9	<	5		5	J	3.8
Carbon tetrachloride	56235	<	5	<	5		13	<	5
Chloroethane	75003	<	10	<	10		20	<	10
Chloroform	67663		17		24		58		23
Chloromethane	74873	<	10		740		23	<	10
Dibromochloromethane	124481	<	5	<	5		17	J	3.1
1,1-Dichloroethane	75343	<	5	<	5		21	<	5
1,2-Dichloroethane	107062	<	5	<	5		75	<	5
1,1-Dichloroethene	75354	<	5		5	<	5	<	5
cis-1,2-Dichloroethene	156592	<	5	<	5		38	<	5
Methylene chloride	75092	<	10		150		59	<	10
Tetrachloroethene	127184	<	5	<	5		12	<	5
1,1,1-Trichloroethane	71556	<	5		98	<	5	<	5
1,1,2-Trichloroethane	79005	<	5	<	5		21	<	5
Trichloroethene	79016	<	5	<	5	J	4.3	<	5
Vinyl chloride	75014		120	<	10	<	10	<	10

Semivolatile Organics - Method 8270B µg/L

	CAS No		VG-01		VG-03		VG-05		VG-06
Benzoic acid	65850	<	20	<	20	J	10	<	20
Benzyl alcohol	100516	J	5.6	<	10	<	10	<	10
Butyl benzyl phthalate	85687	J	8.4	<	10	<	10	<	10
Hexachlorobutadiene	87683	<	10	<	10	J	6.1	<	10
Pentachlorophenol	87865		54	<	20	<	20	<	20
2,4,6-Trichlorophenol	88062	J	7.8	<	10	<	10	<	10

FACILITY ID: VG (cont)

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		VG-01		VG-03		VG-05		VG-06
Aluminum	7429905		2.53		0.37		0.69		0.38
Arsenic	7440382		0.014	<	0.010		0.05		0.03
Barium	7440393	<	0.20	<	0.20		3.59		1.18
Beryllium	7440417		0.006	<	0.005	<	0.005	<	0.005
Calcium	7440702	<	5.0		22.6		2,050		928
Chromium	7440473		0.10	<	0.010		0.02		0.01
Cobalt	7440484	<	0.05	<	0.05	<	0.05	<	0.05
Copper	7440508		0.46		0.03		0.13		0.12
Iron	7439896		7.11		6.41		26.1		8.46
Lead	7439921	<	0.003	<	0.003		0.022		0.010
Magnesium	7439954	<	5.0		7.63		151		37.7
Manganese	7439965		0.13		0.02		0.97		0.34
Nickel	7440020		1.48	<	0.04		0.21		0.08
Potassium	7440097		76.9		10.2		21.8		28.4
Selenium	7782492		0.02	<	0.005	<	0.005	<	0.005
Sodium	7440235		42,400		21.8		10,800		23,000
Thallium	7440280		0.02	<	0.01	<	0.01	<	0.01
Zinc	7440666		0.03		0.28		0.25		0.10

General Chemistry mg/L

	CAS No.		VG-01		VG-03		VG-05		VG-06
TSS	NA		48	<	20	<	20	<	20
Oil & Grease	NA	<	2	<	2		6	<	2
TOC	NA		4,060		60		46		23

FACILITY ID: VG (cont)

Dioxins/Furans - Method 1613 ng/L

	CAS No.		VG-01		VG-03		VG-05		VG-06
2,3,7,8-TCDF	51207319	<	0.009	<	0.010		0.016	<	0.009
Total TCDF	55722275		0.160	<	0.010		0.016	<	0.009
1,2,3,7,8-PeCDF	57117416		0.600	<	0.048	<	0.050	<	0.047
Total PeCDF	30402154		2.300	<	0.048	<	0.050	<	0.047
1,2,3,4,7,8-HxCDF	70648269		2.500	<	0.048		0.120	<	0.047
1,2,3,6,7,8-HxCDF	57117449		2.700	<	0.048		0.120	<	0.047
2,3,4,6,7,8-HxCDF	60851345		0.140	<	0.048	<	0.050	<	0.047
1,2,3,7,8,9-HxCDF	72918219		0.072	<	0.048	<	0.050	<	0.047
Total HxCDF	55684941		13.000	<	0.048		0.470		0.095
1,2,3,4,7,8-HxCDD	39227286		0.120	<	0.048	<	0.050	<	0.047
1,2,3,6,7,8-HxCDD	57653857		0.110	<	0.048	<	0.050	<	0.047
Total HxCDD	34465468		0.550	<	0.048	<	0.050	<	0.047
1,2,3,4,6,7,8-HpCDF	67562394		6.600	<	0.048		0.540		0.310
1,2,3,4,7,8,9-HpCDF	55673897		0.890	<	0.048		0.130	<	0.049
Total HpCDF	38998753		8.000	<	0.048		0.770		0.310
1,2,3,4,6,7,8-HpCDD	35822469		0.410	<	0.048	<	0.050	<	0.047
Total HpCDD	37871004		0.580	<	0.048	<	0.050	<	0.047
OCDF	39001020		23.000	<	0.095		9.700		3.100
OCDD	3268879		0.078	<	0.095		0.230		0.120

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: DD
Sample Date: 07-10-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		DD-03		DD-04		DD-05
Acetone	67641		560		130		290
Benzene	71432		8	<	5	<	5
2-Butanone	78933	<	5	<	5		7
2-Chloro-1,3-butadiene	126998		200,000		74		3,800
Chlorobenzene	108907	<	5		20		12
Chloroethane	75003		150	<	10	<	10
Chloroform	67663		24	<	5	<	5
Chloromethane	74873		64	<	10	<	10
Ethylbenzene	100414		49		11		7
Methylene chloride	75092		24	<	10	<	10
Styrene	100425		102		13	J	2.9
Tetrachloroethene	127184	<	5	<	5	<	5
Toluene	108883		770	<	5		41
Xylenes	108383/106423		60	J	4.5	<	5

Semivolatile Organics - Method 8270B µg/L

	CAS No		DD-03		DD-04		DD-05
Benzoic acid	65850	<	20	J	11	<	500
Benzyl alcohol	100516	<	10	<	10		5,600
2-Methylphenol	95487	<	10	<	10		3,900
N-Nitrosodiphenylamine	86306	<	10	<	10		2,700

FACILITY ID: DD (cont)

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		DD-03		DD-04		DD-05
Aluminum	7429905		0.42	<	0.20	<	0.20
Arsenic	7440382	<	0.010	<	0.010		0.009
Barium	7440393	<	0.20	<	0.20		0.29
Beryllium	7440417	<	0.005	<	0.005		0.007
Calcium	7440702		13.7	<	5.0	<	5.0
Chromium	7440473		0.012		0.16	<	0.01
Copper	7440508		0.16		0.05	<	0.03
Iron	7439896		0.79		3.04		0.10
Manganese	7439965		0.03		0.04	<	0.02
Molybdenum	7439987	<	0.02		0.11		0.08
Nickel	7440020		0.27		1.06		0.04
Potassium	7440097		8.9	<	5.0		132
Sodium	7440235		4,780		3,840		74,700
Zinc	7440666		0.32	<	0.02		0.02

General Chemistry mg/L

	CAS No.		DD-03		DD-04		DD-05
TSS	NA	<	20	<	20	<	20
Oil & Grease	NA	<	2	<	2		291
TOC	NA		5		4		132

Dioxins/Furans - Method 1613 ng/L

	CAS No.		DD-03		DD-04		DD-05
2,3,7,8-TCDF	51207319	<	0.010		0.098		0.0095
Total TCDF	55722275	<	0.010		0.580		0.034
Total TCDD	41903575	<	0.010		0.026	<	0.0085
2,3,4,7,8-PeCDF	57117314	<	0.049		0.095	<	0.042
Total PeCDF	30402154	<	0.049		1.10	<	0.042
1,2,3,4,7,8-HxCDF	70648269	<	0.049		0.100	<	0.042
1,2,3,6,7,8-HxCDF	57117449	<	0.049		0.062	<	0.042
2,3,4,6,7,8-HxCDF	60851345	<	0.049		0.088	<	0.042
Total HxCDF	55684941	<	0.049		0.760		0.092
1,2,3,4,6,7,8-HpCDF	67562394	<	0.049		0.140		0.075
Total HpCDF	38998753	<	0.049		0.140		0.075

Notes: J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: OC
Sample Date: 07-11-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		OC-01
2-Chloro-1,3-butadiene	126998		16
Chlorobenzene	108907		9
Chloroform	67663		59
1,2-Dichloroethane	107062		113
Ethylbenzene	100414	J	4.4
Styrene	100425		9

Semivolatile Organics - Method 8270B µg/L

	CAS No		OC-01
Benzoic acid	65850	J	18

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		OC-01
Aluminum	7429905		0.43
Calcium	7440702		19.5
Chromium	7440473		0.025
Copper	7440508		0.07
Iron	7439896		62.6
Manganese	7439965		5.68
Manganese	7439965		0.40
Molybdenum	7439987		0.04
Nickel	7440020		0.04
Potassium	7440097		27.0
Sodium	7440235		11,400
Zinc	7440666		0.17

FACILITY ID: OC (cont)

General Chemistry mg/L

	CAS No.		OC-01
TSS	NA		230
Oil & Grease	NA	<	2
TOC	NA		75

Dioxins/Furans - Method 1613 ng/L

	CAS No.	OC-01
Not Detected	NA	ND

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: OC
Sample Date: 07-11-97
Matrix: Wastewater Sludge

Volatile Organics - Method 8260A µg/kg

	CAS No.		OC-02**		OC-02
Not Detected	NA		ND		ND

TCLP Volatile Organics - Methods 1311, 8260A µg/L

	CAS No.		OC-02
Acetone	67641	B	23
1,2-Dichloroethane	107062	J	4.8
4-Methyl-2-pentanone	108101	JB	3.6
Methylene chloride	75092	JB	7.8

Semivolatile Organics - Method 8270B µg/kg

	CAS No		OC-02**		OC-02
Bis(2-ethylhexyl)phthalate	117817	J	1,200	J	400

.P Semivolatile Organics - Methods 1311, 8270B µg/L

	CAS No	OC-02
Benzoic acid	65850	40

Total Metals - Methods 6010, 7471 mg/kg

	CAS No.	OC-02**	OC-02
Aluminum	7429905	1,700	579
Barium	7440393	285	98
Calcium	7440702	50,300	17,300
Chromium	7440473	72.7	25.0
Copper	7440508	375	129
Iron	7439896	117,000	40,200
Lead	7439921	5.5	1.9
Magnesium	7439954	11,700	4,040
Manganese	7439965	942	324
Nickel	7440020	99.1	34.1
Sodium	7440235	27,500	9,460
Zinc	7440666	259	89

FACILITY ID: OC (cont)

TCLP Metals - Methods 1311, 6010, 7470 mg/L

	CAS No.	OC-02
Calcium	7440702	413
Magnesium	7439954	154
Manganese	7439965	0.81
Potassium	7440097	4.1

General Chemistry mg/kg

	CAS No.	OC-02**		OC-02
TOC	NA	10,800		3,700
Oil & Grease	NA	1,980		680
BTU	NA	NA	<	380
Percent Solids	NA	NA		34.4

Dioxins/Furans - Method 1613 ng/kg

	CAS No.	OC-02**	OC-02
2,3,7,8-TCDF	51207319	23.0	7.9
Total TCDF	55722275	130	44.7
Total TCDD	41903575	2.0	0.7
1,2,3,7,8-PeCDF	57117416	80.0	27.5
2,3,4,7,8-PeCDF	57117314	36.0	12.4
Total PeCDF	30402154	240	82.6
1,2,3,4,7,8-HxCDF	70648269	190	65.4
1,2,3,6,7,8-HxCDF	57117449	40.0	13.8
2,3,4,6,7,8-HxCDF	60851345	21.0	7.2
1,2,3,7,8,9-HxCDF	72918219	45.0	15.5
Total HxCDF	55684941	400	138
1,2,3,4,6,7,8-HpCDF	67562394	110	37.8
1,2,3,4,7,8,9-HpCDF	55673897	71.0	24.4
Total HpCDF	38998753	320	110
1,2,3,4,6,7,8-HpCDD	35822469	9.3	3.2
Total HpCDD	37871004	20.0	6.9
OCDF	39001020	180	61.9
OCDD	3268879	120	41.3

Notes:

** Results reported on a dry-weight basis.

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

B Compound also detected in the associated method blank.

FACILITY ID: PL
Sample Date: 07-14-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		PL-01		PL-02		PL-03
Acetone	67641		120	J	13		85
2-Butanone	78933		35	<	5	J	2.9
Carbon disulfide	75150		12	J	3.2	<	5
2-Chloro-1,3-butadiene	126998		10		8		16
Chlorobenzene	108907		10		8.0		7
Chloroethane	75003	<	10		16	<	10
Chloroform	67663		9		320		24
1,2-Dichloroethane	107062		6		11	<	5
cis-1,2-Dichloroethene	156592	<	5		7	<	5
trans-1,2-Dichloroethene	156605	<	5	J	3.0	<	5
Ethylbenzene	100414	<	5	J	2.9	J	2.8
Methylene chloride	75092	J	5.3	<	10	<	10
Styrene	100425		7	<	5		6
Tetrachloroethene	127184	<	5		9	<	5
Trichloroethene	79016	<	5		11	<	5

Semivolatile Organics - Method 8270B µg/L

	CAS No		PL-01		PL-02		PL-03
Benzoic acid	65850		23		140	<	10
Benzyl alcohol	100516	<	10	<	10		13
Bis(2-chloroethyl)ether	111444	<	10	<	10		59
Bis(2-chloroisopropyl)ether	39638329		24	<	10	<	10
Diethyl phthalate	84662		90	<	10	<	10
Dimethyl phthalate	131113	<	10	J	8.7	<	10
Bis(2-ethylhexyl)phthalate	117817	<	10	<	10	J	7.4
Hexachlorobenzene	118741	<	10	J	5.0	<	10
2-Methylphenol	95487		14	<	10	<	10
4-Methylphenol	106445		24	<	10	<	10
Di-n-octyl phthalate	117840	<	10	<	10	J	5.7
Pentachlorophenol	87865		60	<	20	<	20
Phenol	108952	<	10		110		160
2,4,6-Trichlorophenol	88062		93	<	10	<	10

FACILITY ID: PL (cont)

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		PL-01		PL-02		PL-03
Aluminum	7429905		11.5		5.68		1.18
Arsenic	7440382		0.018	<	0.010	<	0.010
Barium	7440393	<	0.20		0.31	<	0.20
Beryllium	7440417		0.006	<	0.005	<	0.005
Calcium	7440702		10.7		82.7		40.5
Chromium	7440473		0.67		2.86		0.05
Cobalt	7440484	<	0.05		0.06	<	0.05
Copper	7440508		33.5		16.3		0.08
Iron	7439896		24.3		658		7.23
Lead	7439921		0.010		0.12		0.003
Magnesium	7439954		10.7		22.9		20.1
Manganese	7439965		0.24		3.69		0.52
Mercury	7439976	<	0.0005	<	0.0005		0.0008
Molybdenum	7439987	<	0.02		0.24	<	0.02
Nickel	7440020		10.3		40.6		0.09
Potassium	7440097		20.2		16.8		6.0
Sodium	7440235		26,400		181		11,200
Zinc	7440666		0.66		3.90		0.33

General Chemistry mg/L

	CAS No.		PL-01		PL-02		PL-03
TSS	NA		1,440	<	20	<	20
Oil & Grease	NA	<	2	<	2	<	2
TOC	NA		1,570		85		19

FACILITY ID: PL (cont)

Dioxins/Furans - Method 1613 ng/L

	CAS No.		PL-01		PL-02		PL-03
2,3,7,8-TCDF	51207319	<	0.009		0.021	<	0.010
Total TCDF	55722275	<	0.009		0.970	<	0.010
2,3,4,7,8-PeCDF	57117314	<	0.045		0.230	<	0.048
Total PeCDF	30402154	<	0.045		2.70	<	0.048
1,2,3,4,7,8-HxCDF	70648269		0.610		2.10	<	0.048
1,2,3,6,7,8-HxCDF	57117449		0.280		1.10	<	0.048
2,3,4,6,7,8-HxCDF	60851345		0.120		0.630	<	0.048
1,2,3,7,8,9-HxCDF	72918219		0.076		0.370	<	0.048
Total HxCDF	55684941		1.70		9.30	<	0.048
1,2,3,4,6,7,8-HpCDF	67562394		4.60		7.90	<	0.048
1,2,3,4,7,8,9-HpCDF	55673897		0.830		1.70	<	0.048
Total HpCDF	38998753		7.00		9.60	<	0.048
1,2,3,4,6,7,8-HpCDD	35822469		0.310	<	1.00	<	0.048
Total HpCDD	37871004		0.510		0.590	<	0.048
OCDF	39001020		140		24.0		0.110
OCDD	3268879		6.50		4.90	<	0.096

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: PL
Sample Date: 07-14-97
Matrix: Wastewater Sludge

Volatile Organics - Method 8260A µg/kg

	CAS No.		PL-04**		PL-04
Carbon disulfide	75150		370		110
Chloroform	67663		270		81
1,2-Dichloroethane	107062	J	50	J	15
Tetrachloroethene	127184		84		25

TCLP Volatile Organics - Methods 1311, 8260A µg/L

	CAS No.		PL-04
Acetone	67641	JB	11
Carbon disulfide	75150		9.3
Chloroform	67663		11
1,2-Dichloroethane	107062	J	3.2
4-Methyl-2-pentanone	108101	JB	3.7
Methylene chloride	75092	JB	7.2

Semivolatile Organics - Method 8270B µg/kg

	CAS No		PL-04**		PL-04
Bis(2-ethylhexyl)phthalate	117817	J	1,400	J	420

.P Semivolatile Organics - Methods 1311, 8270B µg/L

	CAS No		PL-04
Benzoic acid	65850		44
Di-n-butyl phthalate	84742		22
Bis(2-ethylhexyl)phthalate	117817		180

FACILITY ID: PL (cont)

Total Metals - Methods 6010, 7471 mg/kg

	CAS No.	PL-04**	PL-04
Aluminum	7429905	14,400	4,310
Barium	7440393	235	70
Cadmium	7440439	2.0	0.6
Calcium	7440702	32,000	9,560
Chromium	7440473	1,130	338
Cobalt	7440484	22.7	6.8
Copper	7440508	41,800	12,500
Iron	7439896	183,000	54,800
Lead	7439921	27.4	8.2
Magnesium	7439954	15,100	4,510
Manganese	7439965	1,140	342
Mercury	7439976	2.00	0.60
Molybdenum	7439987	14.4	4.3
Nickel	7440020	11,600	3,470
Sodium	7440235	66,900	20,000
Vanadium	7440622	26.4	7.9
Zinc	7440666	2,820	843

TCLP Metals - Methods 1311, 6010, 7470 mg/L

	CAS No.	PL-04
Calcium	7440702	459
Magnesium	7439954	56.2
Manganese	7439965	1.2
Nickel	7440020	1.3
Potassium	7440097	3.1

General Chemistry mg/kg

	CAS No.	PL-04**	PL-04
TOC	NA	25,600	7,660
Oil & Grease	NA	3,550	1,060
BTU	NA	NA	ND
Percent Solids	NA	NA	29.9

FACILITY ID: PL (cont)

Dioxins/Furans - Method 1613 ng/kg

	CAS No.	PL-04**	PL-04
2,3,7,8-TCDF	51207319	22.0	6.6
Total TCDF	55722275	880	263.1
2,3,7,8-TCDD	41903575	12.0	3.6
Total TCDD	41903575	12.0	3.6
1,2,3,7,8-PeCDF	57117416	260	77.7
Total PeCDF	30402154	2,800	837
1,2,3,7,8-PeCDD	40321764	36.0	10.8
Total PeCDD	36088229	69.0	20.6
1,2,3,4,7,8-HxCDF	70648269	2,000	598
2,3,4,6,7,8-HxCDF	60851345	560	167
Total HxCDF	55684941	9,300	2,780
1,2,3,4,7,8-HxCDD	39227286	53.0	15.8
1,2,3,6,7,8-HxCDD	57653857	58.0	17.3
1,2,3,7,8,9-HxCDD	19408743	46.0	13.8
Total HxCDD	34465468	460	138
1,2,3,4,6,7,8-HpCDF	67562394	11,000	3,290
1,2,3,4,7,8,9-HpCDF	55673897	1,800	538
Total HpCDF	38998753	15,000	4,490
1,2,3,4,6,7,8-HpCDD	35822469	720	215
Total HpCDD	37871004	1,100	329
OCDF	39001020	97,000	29,000
OCDD	3268879	5,200	1,560

Notes:

** Results reported on a dry-weight basis.

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

B Compound also detected in the associated method blank.

|::

FACILITY ID: SN
Sample Date: 07-15-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		SN-01		SN-02		SN-03		SN-04
Acetone	67641		54,000		1,900	J	2,800	J	1,500
Allyl chloride	107051	<	5		14	<	5	<	5
Benzene	71432	<	5	<	5		11	<	5
2-Butanone	78933	<	5	<	5		37,000		6,200
Carbon disulfide	75150	<	5	<	5	<	5	J	4.1
2-Chloro-1,3-butadiene	126998	J	4.3	J	3.3	J	2.9	J	2.5
Chlorobenzene	108907	J	3.5		6		190		55
Chloroform	67663	<	5	<	5	<	10	J	3.3
Chloromethane	74873		100		580		19	J	180
1,2-Dichloroethane	107062	<	5	<	5		10	J	3.7
1,2-Dichloropropane	78875		110	<	5	<	5	<	5
cis-1,3-Dichloropropene	10061015		7	<	5	<	5	<	5
trans-1,3-Dichloropropene	10061026		14	<	5	<	5	<	5
Ethylbenzene	100414	J	3.3	<	5	<	5		35
2-Hexanone	591786	<	5	<	5	<	5		7
4-Methyl-2-pentanone	108101	<	5	<	5		190		150
Styrene	100425		6	J	4.8	J	4.9		110
Toluene	108883	<	5	<	5		9	<	5
Vinyl chloride	75014	<	10		600	<	10	<	10
Xylenes	108383/106423	<	5	<	5	<	5		140

Semivolatile Organics - Method 8270B µg/L

	CAS No		SN-01		SN-02		SN-03		SN-04
Benzoic acid	65850	<	20	<	20		86		260
Benzyl alcohol	100516	<	10	<	10	<	10		76
Diethyl phthalate	84662	<	10		57	<	10	<	50
2,4-Dimethylphenol	105679	<	10	<	10		220		350
2-Methylnaphthalene	91576	<	10	<	10	<	10	J	47
2-Methylphenol	95487	<	10	<	10		140		830
4-Methylphenol	106445	<	10	<	10		110		1,500
Naphthalene	91203	<	10	<	10	<	10		250
Phenol	108952	<	10	<	10		470		7,700
Pyridine	110861	<	10	<	10		68	<	50

FACILITY ID: SN (cont)

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		SN-01		SN-02	SN-03		SN-04
Aluminum	7429905	<	0.20	<	0.20	9.85		0.48
Arsenic	7440382	<	0.010	<	0.010	0.027		0.019
Calcium	7440702		17.8	<	5.0	1,510		545
Chromium	7440473	<	0.01	<	0.01	0.03	<	0.01
Iron	7439896	<	0.10	<	0.10	3.46		0.97
Lead	7439921	<	0.003	<	0.003	0.008	<	0.003
Magnesium	7439954		7.75	<	5.0	16.4		10.2
Manganese	7439965	<	0.02	<	0.02	0.36		0.15
Nickel	7440020	<	0.04	<	0.04	0.04	<	0.04
Potassium	7440097	<	5.0	<	5.0	5.5		6.3
Selenium	7782492	<	0.005	<	0.005	0.017		0.027
Sodium	7440235		21.5		871	1,810		6,190
Zinc	7440666	<	0.02		0.02	0.17		0.06

General Chemistry mg/L

	CAS No.		SN-01		SN-02	SN-03		SN-04
TSS	NA	<	20	<	20	215		155
Oil & Grease	NA	<	2	<	2	7		23
TOC	NA		1.6		15	162		387

Dioxins/Furans - Method 1613 ng/L

	CAS No.		SN-01		SN-02	SN-03		SN-04
OCDF	39001020	<	0.097	<	0.100	0.110	<	0.095
OCDD	3268879	<	0.097	<	0.100	0.120	<	0.095

FACILITY ID: SN
Sample Date: 07-15-97
Matrix: Wastewater Sludge

Volatile Organics - Method 8260A µg/kg

	CAS No.		SN-05**		SN-05
Acetone	67641		708		230
2-Butanone	78933		191		62
Carbon disulfide	75150		80		26
Chlorobenzene	108907	J	46	J	15
2-Hexanone	591786	J	102	J	33
4-Methyl-2-pentanone	108101	J	62	J	20

TCLP Volatile Organics - Methods 1311, 8260A µg/L

	CAS No.		SN-05
Acetone	67641	B	270
2-Butanone	78933		26
4-Methyl-2-pentanone	108101	JB	4.9
Methylene chloride	75092	JB	7.1

Semivolatile Organics - Method 8270B µg/kg

	CAS No	SN-05**	SN-05
Not Detected	NA	ND	ND

.P Semivolatile Organics - Methods 1311, 8270B µg/L

	CAS No	SN-05
Benzoic acid	65850	47

FACILITY ID: SN (cont)

Total Metals - Methods 6010, 7471 mg/kg

	CAS No.	SN-05**		SN-05
Aluminum	7429905	25,900		8,410
Arsenic	7440382	36.0		11.7
Barium	7440393	131		42.5
Cadmium	7440439	13.5		4.4
Calcium	7440702	166,000		53,800
Chromium	7440473	165		54
Copper	7440508	113		37
Iron	7439896	20,800		6,760
Lead	7439921	32.9		10.7
Magnesium	7439954	5,940		1,930
Manganese	7439965	283		92
Nickel	7440020	122		40
Selenium	7782492	27.7		9.0
Sodium	7440235	16,300		5,300
Vanadium	7440622	57.5		18.7
Zinc	7440666	588		191

TCLP Metals - Methods 1311, 6010, 7470 mg/L

	CAS No.	SN-05
Calcium	7440702	1,350
Magnesium	7439954	16.1
Manganese	7439965	1.35
Nickel	7440020	0.28
Potassium	7440097	3.2

General Chemistry mg/kg

	CAS No.	SN-05**		SN-05
TOC	NA	134,000		43,500
Oil & Grease	NA	26,600		8,650
BTU	NA	NA	<	335
Percent Solids	NA	NA		32.5

FACILITY ID: SN (cont)

Dioxins/Furans - Method 1613 ng/kg

	CAS No.	SN-05**	SN-05
1,2,3,7,8-PeCDF	57117416	9.9	3.2
2,3,4,7,8-PeCDF	57117314	6.8	2.2
Total PeCDF	30402154	51.0	16.6
1,2,3,4,7,8-HxCDF	70648269	85.0	27.6
1,2,3,6,7,8-HxCDF	57117449	37.0	12.0
2,3,4,6,7,8-HxCDF	60851345	28.0	9.1
1,2,3,7,8,9-HxCDF	72918219	19.0	6.2
Total HxCDF	55684941	350	114
1,2,3,6,7,8-HxCDD	57653857	12.0	3.9
1,2,3,7,8,9-HxCDD	19408743	21.0	6.8
Total HxCDD	34465468	74.0	24.1
1,2,3,4,6,7,8-HpCDF	67562394	520	169
1,2,3,4,7,8,9-HpCDF	55673897	170	55.3
Total HpCDF	38998753	1,000	325
1,2,3,4,6,7,8-HpCDD	35822469	190	61.8
Total HpCDD	37871004	390	127
OCDF	39001020	1,800	585
OCDD	3268879	1,600	520

Notes:

** Results reported on a dry-weight basis.

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

B Compound also detected in the associated method blank.

|::

FACILITY ID: DF
Sample Date: 07-17-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		DF-01		DF-03		DF-04		DF-05		DF-06
Acetone	67641		90		96	<	20	J	4,400		830
Allyl chloride	107051	<	5	<	5	<	5	<	5		11
Bromodichloromethane	75274	<	5	<	5	<	5		7		7
Bromoform	75252	<	5	<	5	<	5	<	5		5
Bromomethane	74839	<	10	<	10	<	10	J	3.2	<	10
2-Butanone	78933		39		20	<	5	J	2,200		6
Carbon tetrachloride	56235	<	5	<	5	<	5	J	3.0	<	5
Chlorobenzene	108907		5	J	4.3	<	5	<	5	<	5
Chloroform	67663	<	5	<	5	J	4.9		49		46
Chloromethane	74873	<	10	<	10	<	10	J	700	<	10
Dibromochloromethane	124481	<	5	<	5	<	5	<	5		11
1,2-Dichlorobenzene	95501	<	5	<	5	<	5	J	310	<	5
1,1-Dichloroethane	75343	<	5	<	5	<	5		7	<	5
1,2-Dichloroethane	107062		160	<	5	<	5		16	<	5
1,1-Dichloroethene	75354	<	5	<	5	<	5		6	<	5
cis-1,2-Dichloroethene	156592	<	5	<	5	<	5		5	<	5
1,2-Dichloropropane	78875	<	5	<	5	<	5		58		40
cis-1,3-Dichloropropene	10061015	<	5	<	5	<	5	<	5		8
trans-1,3-Dichloropropene	10061026	<	5	<	5	<	5	<	5		13
Epichlorohydrin	106898	<	40	<	40	<	40	<	40		19,300
Ethylbenzene	100414	<	5	<	5	<	5	J	230	<	5
4-Methyl-2-pentanone	108101	<	5	<	5	<	5		29	<	5
Methylene chloride	75092	<	10	<	10	<	10		32	<	10
Styrene	100425		5	J	4.4	J	2.9	J	600	<	5
1,1,1,2-Tetrachloroethane	630206	<	5	<	5	<	5		7	<	5
Tetrachloroethene	127184	<	5	<	5	<	5		37	<	5
Toluene	108883	<	5	<	5	<	5	J	1,400	J	3.9
1,1,1-Trichloroethane	71556	<	5	<	5	<	5		12	<	5
1,1,2-Trichloroethane	79005	<	5	<	5	<	5	J	4.0	<	5
Trichloroethene	79016	<	5	<	5		30		36	<	5
Xylenes	108383/106423	<	5	<	5	<	5		93	<	5

FACILITY ID: DF (cont)

Semivolatile Organics - Method 8270B µg/L

	CAS No		DF-01		DF-03		DF-04		DF-05		DF-06
Acenaphthene	83329	<	10	<	10	<	10		160	<	10
Acenaphthylene	208968	<	10	<	10	<	10	J	90	<	10
Benzoic acid	65850	<	20		70		38		730	<	20
Benzyl alcohol	100516	<	10	<	10	<	10	J	83	<	10
Bis(2-chloroisopropyl)ether	39638329	<	10	<	10	<	10	<	100		60
2-Chlorophenol	95578	<	10		23	<	10	<	100	<	10
1,2-Dichlorobenzene	95501	<	10	<	10	<	10		390	<	10
2,4-Dichlorophenol	120832	<	10		170	<	10	<	100	<	10
2,4-Dinitrophenol	51285	<	10	J	7.8	J	6.0	<	100	<	10
Fluorene	86737	<	10	<	10	<	10		100	<	10
Isophorone	78591	<	10	<	10	<	10		110	<	10
2-Methylnaphthalene	91576	<	10	<	10	<	10		2,400	<	10
4-Methylphenol	106445	<	10	<	10	<	10	J	71	<	10
Naphthalene	91203	<	10	<	10	<	10		1,600	<	10
4-Nitrophenol	100027	<	10	<	10	J	9.8	<	100	<	10
Pentachlorophenol	87865		45		470	<	20	<	200	<	20
Phenanthrene	85018	<	10	<	10	<	10	J	72	<	10
Phenol	108952	<	10	<	10	<	10		2,600	<	10
2,4,5-Trichlorophenol	95954	<	10		140	<	10	<	100	<	10
2,4,6-Trichlorophenol	88062		88		1,900	<	10		300	<	10

FACILITY ID: DF (cont)

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		DF-01		DF-03		DF-04		DF-05		DF-06
Aluminum	7429905	<	0.20		0.36	<	0.20		1.20	<	0.20
Arsenic	7440382		0.018	<	0.010	<	0.010		0.020	<	0.010
Beryllium	7440417		0.008		0.008	<	0.005	<	0.005	<	0.005
Calcium	7440702	<	5.0	<	5.0	<	5.0		26.2	<	5.0
Chromium	7440473	<	0.01	<	0.01	<	0.01		0.01	<	0.01
Copper	7440508		2.24		0.43		0.47		0.20		0.04
Iron	7439896	<	0.10		0.46		2.58		2.00		0.26
Lead	7439921		0.008	<	0.003	<	0.003	<	0.003	<	0.003
Magnesium	7439954	<	5.0	<	5.0	<	5.0		11.7		0.28
Manganese	7439965	<	0.02	<	0.02		0.04		0.09	<	0.02
Molybdenum	7439987	<	0.02	<	0.02	<	0.02		0.03	<	0.02
Nickel	7440020		0.14	<	0.04		0.67		0.14	<	0.008
Potassium	7440097		44		32.4	<	5.0		35.5		28.9
Selenium	7782492		0.024	<	0.005	<	0.005	<	0.005	<	0.005
Silver	7440224	<	0.01	<	0.01	<	0.01		0.07	<	0.01
Sodium	7440235		49,400		44,100	<	5.0		19,500		30,200
Thallium	7440280		0.03		0.01	<	0.01	<	0.01	<	0.01
Zinc	7440666		0.09		0.05		0.05		0.28		0.05

General Chemistry mg/L

	CAS No.		DF-01		DF-03		DF-04		DF-05		DF-06
TSS	NA	<	20	<	20	<	20		204	<	20
Oil & Grease	NA	<	2	<	2	<	2		35		3
TOC	NA		1,560		1,450		92		934		198

FACILITY ID: DF (cont)

Dioxins/Furans - Method 1613 ng/L

	CAS No.		DF-01		DF-03		DF-04		DF-05		DF-06
2,3,7,8-TCDF	51207319		0.023		0.050	<	0.010	<	0.009		0.074
Total TCDF	55722275		1.00		3.00	<	0.010		0.280		0.150
1,2,3,7,8-PeCDF	57117416	<	0.410		1.20	<	0.048		0.160		0.110
2,3,4,7,8-PeCDF	57117314	<	1.80		1.50	<	0.048	<	0.160		0.084
Total PeCDF	30402154		8.30		30.0	<	0.048		2.30		0.240
1,2,3,7,8-PeCDD	40321764	<	0.052		0.150	<	0.048	<	0.046	<	0.046
Total PeCDD	36088229	<	0.052		0.710	<	0.048	<	0.046	<	0.046
1,2,3,4,7,8-HxCDF	70648269		18.0		42.0	<	0.048		3.60		0.320
1,2,3,6,7,8-HxCDF	57117449	<	15.0		45.0	<	0.048		3.40		0.069
2,3,4,6,7,8-HxCDF	60851345		3.60		27.0	<	0.048	<	2.50		0.047
1,2,3,7,8,9-HxCDF	72918219	<	12.0		14.0	<	0.048	<	1.60		0.110
Total HxCDF	55684941		130		340	<	0.048		19.0		0.550
1,2,3,4,7,8-HxCDD	39227286	<	0.480	<	0.730	<	0.048		0.059	<	0.046
1,2,3,6,7,8-HxCDD	57653857	<	0.480		0.910	<	0.048		0.100	<	0.046
1,2,3,7,8,9-HxCDD	19408743	<	0.480		0.920	<	0.048		0.087	<	0.046
Total HxCDD	34465468	<	0.480		9.90	<	0.048		0.910	<	0.046
1,2,3,4,6,7,8-HpCDF	67562394		750		1,300	<	0.048		130		0.390
1,2,3,4,7,8,9-HpCDF	55673897		94.0		170	<	0.048		17.0		0.170
Total HpCDF	38998753		970		1,500	<	0.048		150		0.620
1,2,3,4,6,7,8-HpCDD	35822469		23.0		44.0	<	0.048		4.20	<	0.046
Total HpCDD	37871004		41.0		82.0	<	0.048		7.60	<	0.046
OCDF	39001020		3,100		2,400	<	0.096		280		1.00
OCDD	3268879		200		220	<	0.096		29.0		0.210

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: DF
Sample Date: 07-18-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		DF-07		DF-08		DF-09
Acetone	67641		1,000		1,500	J	14
Bromomethane	74839	<	10	<	10		15
2-Butanone	78933		14		270		9
Carbon disulfide	75150	<	5	<	5		7
Chlorobenzene	108907	<	5	J	4.5	J	2.8
Chloromethane	74873	<	10		32,000		270,000
1,3-Dichlorobenzene	541731	J	4.4	<	5	<	5
1,2-Dichloroethane	107062		103	<	5	<	5
1,1-Dichloroethene	75354		24,000		36		8
cis-1,2-Dichloroethene	156592		220	<	5	<	5
trans-1,2-Dichloroethene	156605		240	<	5	<	5
Methylene chloride	75092	<	10	J	2.6	<	10
Styrene	100425	J	3.2	J	3.5	<	5
Tetrachloroethene	127184		490		7	<	5
Trichloroethene	79016		180	<	5	<	5
Vinyl chloride	75014		710	<	10	<	10

Semivolatile Organics - Method 8270B µg/L

	CAS No		DF-07		DF-08		DF-09
Benzoic acid	65850	<	20		47	<	20
Butyl benzyl phthalate	85687	<	10	<	10	J	5.0

Total Metals - Methods 6010, 7470 mg/L

	CAS No.		DF-07		DF-08		DF-09
Aluminum	7429905	<	0.20		0.23		2.19
Arsenic	7440382	<	0.010		0.24	<	0.010
Beryllium	7440417		0.009		0.010	<	0.005
Chromium	7440473	<	0.01	<	0.01		0.01
Copper	7440508		0.13		0.04		0.45
Iron	7439896	<	0.10		1.11		0.44
Lead	7439921	<	0.003		0.004	<	0.003
Mercury	7439976	<	0.0005		0.0014		0.0005
Nickel	7440020		0.22		0.12		0.92
Potassium	7440097		98.2		103	<	5.0
Selenium	7782492	<	0.005		0.024	<	0.005
Sodium	7440235		77,400		87,500	<	5.0
Zinc	7440666		0.04		0.07		0.05

FACILITY ID: DF (cont)

General Chemistry mg/L	CAS No.		DF-07		DF-08		DF-09
TSS	NA	<	20		1,780	<	20
Oil & Grease	NA	<	2		9	<	2
TOC	NA		4		816		39

Dioxins/Furans - Method 1613 ng/L	CAS No.	DF-07		DF-08		DF-09
2,3,7,8-TCDF	51207319	0.230		0.17	<	0.009
Total TCDF	55722275	1.30		0.73	<	0.009
1,2,3,7,8-PeCDF	57117416	0.670		0.51	<	0.046
2,3,4,7,8-PeCDF	57117314	0.570		0.39	<	0.046
Total PeCDF	30402154	2.30		1.70	<	0.046
1,2,3,4,7,8-HxCDF	70648269	1.50		1.00	<	0.046
1,2,3,6,7,8-HxCDF	57117449	0.360		0.31	<	0.046
2,3,4,6,7,8-HxCDF	60851345	0.170		0.14	<	0.046
1,2,3,7,8,9-HxCDF	72918219	0.380		0.25	<	0.046
Total HxCDF	55684941	3.00		2.10	<	0.046
1,2,3,4,6,7,8-HpCDF	67562394	1.40		0.99	<	0.046
1,2,3,4,7,8,9-HpCDF	55673897	0.420		0.33	<	0.046
Total HpCDF	38998753	2.10		1.70	<	0.046
1,2,3,4,6,7,8-HpCDD	35822469	0.074	<	0.042	<	0.046
Total HpCDD	37871004	0.074	<	0.042	<	0.046
OCDF	39001020	1.90		1.50	<	0.092
OCDD	3268879	0.180	<	0.083	<	0.092

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: DF
Sample Date: 07-18-97
Matrix: Wastewater Sludge

Volatile Organics - Method 8260A µg/kg

	CAS No.		DF-02**		DF-02
Benzene	71432	J	89	J	15
Chloroform	67663	J	83	J	14
Ethylbenzene	100414	J	112	J	19

TCLP Volatile Organics - Methods 1311, 8260A µg/L

	CAS No.		DF-02
Acetone	67641	B	180
2-Butanone	78933		23
4-Methyl-2-pentanone	108101	JB	3.2
Methylene chloride	75092	JB	7.2

Semivolatile Organics - Method 8270B µg/kg

	CAS No		DF-02**		DF-02
Benzoic acid	65850	J	4,200	J	710

.P Semivolatile Organics - Methods 1311, 8270B µg/L

	CAS No		DF-02
Not Detected	NA		ND

Total Metals - Methods 6010, 7471 mg/kg

	CAS No.	DF-02**	DF-02
Aluminum	7429905	34,700	5,870
Chromium	7440473	30.8	5.2
Copper	7440508	92.9	15.7
Iron	7439896	1,300	220
Lead	7439921	2.4	0.4
Magnesium	7439954	1,340	227
Manganese	7439965	18.3	3.1
Nickel	7440020	32.5	5.5
Potassium	7440097	8,520	1,440
Sodium	7440235	119,000	20,100
Zinc	7440666	78.1	13.2

FACILITY ID: DF (cont)

TCLP Metals - Methods 1311, 6010, 7470 mg/L

	CAS No.	DF-02
Barium	7440393	2.0
Boron	7440428	0.5
Calcium	7440702	3.9
Iron	7439896	1.1
Magnesium	7439954	7.5
Manganese	7439965	0.07
Potassium	7440097	73.0

General Chemistry mg/kg

	CAS No.	DF-02**		DF-02
TOC	NA	444,000		75,000
Oil & Grease	NA	2,840		480
BTU	NA	NA	<	390
Percent Solids	NA	NA		16.9

FACILITY ID: DF (cont)

Dioxins/Furans - Method 1613 ng/kg

	CAS No.	DF-02**	DF-02
2,3,7,8-TCDF	51207319	49.0	8.3
Total TCDF	55722275	260	43.9
1,2,3,7,8-PeCDF	57117416	220	37.2
2,3,4,7,8-PeCDF	57117314	180	30.4
Total PeCDF	30402154	930	157
1,2,3,4,7,8-HxCDF	70648269	1,200	203
1,2,3,6,7,8-HxCDF	57117449	530	89.6
2,3,4,6,7,8-HxCDF	60851345	340	57.5
1,2,3,7,8,9-HxCDF	72918219	390	65.9
Total HxCDF	55684941	4,200	710
1,2,3,7,8,9-HxCDD	19408743	8.1	1.4
Total HxCDD	34465468	22.0	3.7
1,2,3,4,6,7,8-HpCDF	67562394	10,000	1,690
1,2,3,4,7,8,9-HpCDF	55673897	1,500	254
Total HpCDF	38998753	13,000	2,200
1,2,3,4,6,7,8-HpCDD	35822469	330	55.8
Total HpCDD	37871004	570	96.3
OCDF	39001020	17,000	2,870
OCDD	3268879	1,600	270

Notes:

** Results reported on a dry-weight basis.

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

B Compound also detected in the associated method blank.

FACILITY ID: GL
Sample Date: 07-21-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L	CAS No.		GL-02
Chloroform	67663		700
1,2-Dichloroethane	107062		57

Semivolatile Organics - Method 8270B µg/L	CAS No		GL-02
4-Aminobiphenyl	92671	J	20

Total Metals - Methods 6010, 7470 mg/L	CAS No.		GL-02
Aluminum	7429905		44.6
Arsenic	7440382		0.069
Calcium	7440702		14.4
Chromium	7440473		0.30
Copper	7440508		8.39
Iron	7439896		4.50
Lead	7439921		0.006
Magnesium	7439954		2.46
Manganese	7439965		0.08
Nickel	7440020		0.14
Potassium	7440097		7.2
Sodium	7440235		4,750
Zinc	7440666		0.21

General Chemistry mg/L	CAS No.		GL-02
TSS	NA		308
Oil & Grease	NA	<	2
TOC	NA		491

FACILITY ID: GL (cont)

Dioxins/Furans - Method 1613 ng/L

	CAS No.	GL-02
2,3,7,8-TCDF	51207319	0.082
Total TCDF	55722275	0.860
2,3,7,8-TCDD	41903575	0.017
Total TCDD	41903575	0.049
2,3,4,7,8-PeCDF	57117314	0.210
Total PeCDF	30402154	0.440
1,2,3,4,7,8-HxCDF	70648269	5.30
1,2,3,6,7,8-HxCDF	57117449	1.20
2,3,4,6,7,8-HxCDF	60851345	0.430
Total HxCDF	55684941	9.30
1,2,3,4,7,8-HxCDD	39227286	0.052
1,2,3,6,7,8-HxCDD	57653857	0.091
1,2,3,7,8,9-HxCDD	19408743	0.110
Total HxCDD	34465468	0.510
1,2,3,4,6,7,8-HpCDF	67562394	43.0
1,2,3,4,7,8,9-HpCDF	55673897	12.0
Total HpCDF	38998753	60.0
1,2,3,4,6,7,8-HpCDD	35822469	0.880
Total HpCDD	37871004	1.30
OCDF	39001020	6,000
OCDD	3268879	6.90

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

FACILITY ID: GL
Sample Date: 07-21-97
Matrix: Wastewater Sludge

Volatile Organics - Method 8260A µg/kg

	CAS No.		GL-01**		GL-01
Acetone	67641		1,390		360
Carbon disulfide	75150		131		34
Chloroform	67663		2,160		560
1,2-Dichloroethane	107062		2,050		530
Methylene chloride	75092		166		43
Tetrachloroethene	127184	J	70	J	18
Vinyl chloride	75014	J	58	J	15

TCLP Volatile Organics - Methods 1311, 8260A µg/L

	CAS No.		GL-01
Acetone	67641	B	91
2-Butanone	78933		6.8
Carbon disulfide	75150		7.2
Chloroform	67663		32
1,2-Dichloroethane	107062		36
4-Methyl-2-pentanone	108101	JB	3.7
Methylene chloride	75092	JB	9.5

Semivolatile Organics - Method 8270B µg/kg

	CAS No		GL-01**		GL-01
Bis(2-ethylhexyl)phthalate	117817	J	22,800	J	5,900

.P Semivolatile Organics - Methods 1311, 8270B µg/L

	CAS No		GL-01
Benzoic acid	65850		38
4-Methylphenol	106445		42

FACILITY ID: GL (cont)

Total Metals - Methods 6010, 7471 mg/kg

	CAS No.	GL-01**		GL-01
Aluminum	7429905	114,000		29,500
Arsenic	7440382	102		26.5
Barium	7440393	263		68.2
Calcium	7440702	16,900		4,380
Chromium	7440473	1,110		287
Copper	7440508	15,800		4,080
Iron	7439896	32,400		8,390
Lead	7439921	13.9		3.6
Magnesium	7439954	4,170		1,080
Manganese	7439965	288		74.7
Molybdenum	7439987	10.8		2.8
Nickel	7440020	463		120
Sodium	7440235	8,340		2,160
Zinc	7440666	575		149

TCLP Metals - Methods 1311, 6010, 7470 mg/L

	CAS No.	GL-01
Calcium	7440702	204
Copper	7440508	22.3
Magnesium	7439954	21.5
Manganese	7439965	2.0
Nickel	7440020	1.3
Potassium	7440097	3.6

General Chemistry mg/kg

	CAS No.	GL-01 **		GL-01
TOC	NA	262,000		67,900
Oil & Grease	NA	3,760		974
BTU	NA	NA	<	324
Percent Solids	NA	NA		25.9

FACILITY ID: GL (cont)

Dioxins/Furans - Method 1613 ng/kg

	CAS No.	GL-01**	GL-01
2,3,7,8-TCDF	51207319	560	145
Total TCDF	55722275	10,000	2,590
2,3,7,8-TCDD	41903575	150	39
Total TCDD	41903575	1,600	414
2,3,4,7,8-PeCDF	57117314	490	127
Total PeCDF	30402154	1,400	363
Total PeCDD	36088229	180	47
1,2,3,4,7,8-HxCDF	70648269	5,500	1425
2,3,4,6,7,8-HxCDF	60851345	2,500	648
Total HxCDF	55684941	32,000	8,290
1,2,3,6,7,8-HxCDD	57653857	320	83
1,2,3,7,8,9-HxCDD	19408743	240	62
Total HxCDD	34465468	1,200	311
1,2,3,4,6,7,8-HpCDF	67562394	80,000	20,700
1,2,3,4,7,8,9-HpCDF	55673897	52,000	13,500
Total HpCDF	38998753	150,000	38,900
1,2,3,4,6,7,8-HpCDD	35822469	3,000	777
Total HpCDD	37871004	4,400	1,140
OCDF	39001020	820,000	212,000
OCDD	3268879	25,000	6,480

Notes:

** Results reported on a dry-weight basis.

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.