KPDES FORM C

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

A complete application consists of this form and Form 1.
For additional information, contact Surface Water Permits Branch, (502) 564-3410.

Name of Facility:Sidney Coal Company, Inc. 898-0573 A4 and R5	County: Pike County
I. OUTFALL LOCATION	AGENCY USE

For each outfall list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

Outfall No. (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
Dugout 22	37	39	51	82	23	44	UT of Elkins Fork
Dugout 23	37	40	10	82	23	14	In series with Pond TBE-1
Dugout 24	37	40	06	82	23	05	In series with Pond BS-3
Dugout 25	37	40	14	82	23	10	In series with Pond BC-E2
Dugout 26	37	40	20	82	23	52	In series with Pond 1
Dugout 27	37	40	24	82	23	51	In series with Pond TBE-2
Dugout 28	37	40	35	82	23	57	In series with Pond TBE-2
Dugout 29	37	40	43	82	23	55	In series with Pond TBE-2
Dugout 30	37	40	49	82	23	47	In series with Pond 2
Dugout 31	37	40	55	82	23	44	In series with Pond 2
Dugout 32	37	41	06	82	23	43	In series with Pond 2
Dugout 33	37	41	07	82	23	34	In series with Pond 2
Dugout 34	37	40	28	82	23	11	In series with BC-D3
Dugout 35	37	40	40	82	23	12	In series with BS-15
Dugout 36	37	40	46	82	23	04	In series with BS-14

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfall. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) the average flow contributed by each operation; and (3) the treatment received by the wastewater. Continue on additional sheets if necessary.

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	Description	List Codes from Table C-1
Dugout 22	Surface Runoff	31.60 25 yr. –24 hr.	Sedimentation	1-U
			Discharge to surface water	4-A
Dugout 23	Surface Runoff	13.25 25 yr. –24 hr.	Sedimentation	1-U
			Discharge to surface water	4-A
Dugout 24	Surface Runoff	3.70 25 yr. –24 hr.	Discharge to surface water	4-A
			Sedimentation	1-U
Dugout 25	Surface Runoff	18.56 25 yr. –24 hr.	Sedimentation	1-U
			Discharge to surface water	4-A
Dugout 26	Surface Runoff	22.65 25 yr. –24 hr.	Discharge to surface water	4-A
			Sedimentation	1-U
Dugout 27	Surface Runoff	35.04 25 yr. –24 hr.	Sedimentation	1-U
			Discharge to surface water	4-A
Dugout 28	Surface Runoff	32.71 25 yr. –24 hr.	Discharge to surface water	4-A
			Sedimentation	1-U
Dugout 29	Surface Runoff	25.96 25 yr. –24 hr.	Sedimentation	1-U
			Discharge to surface water	4-A
Dugout 30	Surface Runoff	31.55 25 yr. –24 hr.	Discharge to surface water	4-A
			Sedimentation	1-U
Dugout 31	Surface Runoff	24.33 25 yr. –24 hr.	Sedimentation	1-U
			Discharge to surface water	4-A
Dugout 32	Surface Runoff	31.71 25 yr. –24 hr.	Discharge to surface water	4-A
			Sedimentation	1-U
Dugout 33	Surface Runoff	18.61 25 yr. –24 hr.	Sedimentation	1-U
			Discharge to surface water	4-A
Dugout 34	Surface Runoff	46.02 25 yr. –24 hr.	Discharge to surface water	4-A
			Sedimentation	1-U
Dugout 35	Surface Runoff	34.17 25 yr. –24 hr.	Sedimentation	1-U
			Discharge to surface water	4-A
Dugout 36	Surface Runoff	29.78 25 yr. –24 hr.	Discharge to surface water	4-A
			Sedimentation	1-U

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES (Continued)

C. Except for storm water runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☐ Yes (Complete the following table.) ☒ No (Go to Section III.)

OUTFALL NUMBER (list)	OPERATIONS CONTRIBUTING FLOW (list)	FREQUENCY		FLOW				
		Days Per Week (specify average)	Months Per Year (specify average)	Flow Rate (in mgd)		Total volume (specify with units)		Duration (in days)
				Long-Term Average	Maximum Daily	Long-Term Average	Maximum Daily	

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☐ Yes (Complete Item III-B) List effluent guideline category:

☒ No (Go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measures of operation)?

☐ Yes (Complete Item III-C) ☒ No (Go to Section IV)

C. If you answered "Yes" to Item III-B, list the quantity which represents the actual measurement of your maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

AVERAGE DAILY PRODUCTION			Affected Outfalls (list outfall numbers)
Quantity Per Day	Units of Measure	Operation, Product, Material, Etc. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any federal, state or local authority to meet any implementation schedule for the construction, upgrading, or operation of wastewater equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders and grant or loan conditions.

☐ Yes (Complete the following table) ☒ No (Go to Item IV-B)

IDENTIFICATION OF CONDITION AGREEMENT, ETC.	AFFECTED OUTFALLS		BRIEF DESCRIPTION OF PROJECT	FINAL COMPLIANCE DATE	
	No.	Source of Discharge		Required	Projected

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered 5-18.

D. Use the space below to list any of the pollutants (refer to SARA Title III, Section 313) listed in Table C-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

POLLUTANT	SOURCE	POLLUTANT	SOURCE

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

A. Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ Yes (List all such pollutants below) ☒ No (Go to Item VI-B)

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge of or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ Yes (Identify the test(s) and describe their purposes below) ☒ No (Go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☒ Yes (list the name, address, and telephone number of, and pollutants analyzed by each such laboratory or firm below) ☐ No (Go to Section IX)

NAME	ADDRESS	TELEPHONE (Area code & number)	POLLUTANTS ANALYZED (list)
McCoy & McCoy Laboratories, Inc.	P.O. Box 907 Madisonville, KY 42431	(270) 821-7375	Total Suspended Solids Flow pH Hardness (as mg/l $CaCO_3$) Sulfate (as SO_4) Total Recoverable Aluminum Total Recoverable Iron Total Recoverable Manganese Total Recoverable Antimony Total Recoverable Arsenic Total Recoverable Beryllium Total Recoverable Cadmium Total Recoverable Chromium Total Recoverable Copper Total Recoverable Lead Total Recoverable Mercury Total Recoverable Nickel Total Recoverable Selenium Total Recoverable Silver Total Recoverable Thallium Total Recoverable Zinc Free Cyanide Total Phenols Conductivity

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
Kevin Vaney - Vice President	(606) 353-7201
SIGNATURE	DATE
	June 8, 2011

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C) | **OUTFALL NO. TBE-1 (898-4029 A1)**

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No of Analyses
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Biochemical Oxygen Demand (BOD)	WAVIER REQUESTED											
b. Chemical Oxygen Demand (COD)	WAVIER REQUESTED											
c. Total Organic Carbon (TOC)	WAVIER REQUESTED											
d. Total Suspended Solids (TSS)	9						1	mg/L				
e. Ammonia (as N)	WAVIER REQUESTED											
f. Flow (in units of MGD)	VALUE	0.0054	VALUE		VALUE			MGD		VALUE		
g. Temperature (winter)	VALUE		VALUE		VALUE			°c		VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE			°c		VALUE		
i. pH	MINIMUM 7.75	MAXIMUM 7.75	MINIMUM	MAXIMUM			1	STANDARD UNITS				

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		6. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) Concentration	a. Maximum Daily Value (2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	b. Maximum 30-Day Value (if available) (2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	c. Long-Term Avg. Value (if available) (2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1) Concentration	a. Long-Term Avg Value (2) Mass	b. No. of Analyses
a. Bromide (24959-67-9)		X												
b. Chloride		X							1	mg/L				
c. Chlorine, Total Residual		X												
d. Color		X												
e. Fecal ☐ Coliform Or E.coli ☐		X												
f. Fluoride (16984-48-8)		X												
g. Hardness (as $CaCO_3$)	X		430						1	mg/L				
h. Nitrate – Nitrite (as N)		X												
i. Nitrogen, Total Organic (as N)		X												
j. Oil and Grease		X												
k. Phosphorous (as P), Total 7723-14-0		X												
l. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												
(5) Strontium-90, Total		X												
(6 Uranium		X												

Part B - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) Concentration	a. Maximum Daily Value (2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	b. Maximum 30-Day Value (if available) (2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	c. Long-Term Avg. Value (if available) (2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value (1) Concentration	a. Long-Term Avg. Value (2) Mass	b. No. of Analyses
m. Sulfate (as SO_4) (14808-79-8)	X		543						1	mg/L				
n. Sulfide (as S)		X												
o. Sulfite (as SO_4) (14286-46-3)		X												
p. Surfactants		X												
q. Aluminum, Total (7429-90)	X		0.24											
r. Barium, Total (7440-39-3)		X												
s. Boron, Total (7440-42-8)		X												
t. Cobalt, Total (7440-48-4)		X												
u. Iron, Total (7439-89-6)	X		0.54						1	mg/L				
v. Magnesium Total (7439-96-4)		X							1	mg/L				
w. Molybdenum Total (7439-98-7)		X												
x. Manganese, Total (7439-96-6)	X		0.211						1	mg/L				
y. Tin, Total (7440-31-5)		X												
z. Titanium, Total (7440-32-6)		X												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the **Testing Required** column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the **Believed Present** column for each pollutant you know or have reason to believe is present. Mark "X: in the **Believed Absent** column for each pollutant you believe to be absent. If you mark either the **Testing Required** or **Believed Present** columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS															
1M. Antimony Total (7440-36-0)	X			0.001						1	mg/L				
2M. Arsenic, Total (7440-38-2)	X			0.0005 U						1	mg/L				
3M. Beryllium Total (7440-41-7)	X			0.0005 U						1	mg/L				
4M. Cadmium Total (7440-43-9)	X			0.0005 U						1	mg/L				
5M. Chromium Total (7440-43-9)	X			0.002 U						1	mg/L				
6M. Copper Total (7550-50-8)	X			0.001 U						1	mg/L				
7M. Lead Total (7439-92-1)	X			0.0005 U						1	mg/L				
8M. Mercury Total (7439-97-6)	X			0.0002 U						1	mg/L				
9M. Nickel, Total (7440-02-0)	X			0.0033						1	mg/L				
10M. Selenium, Total (7782-49-2)	X			0.001 U						1	mg/L				
11M. Silver, Total (7440-28-0)	X			0.0005 U						1	mg/L				

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)	X			0.0005 U						1	mg/L				
13M. Zinc, Total (7440-66-6)	X			0.016 B						1	mg/L				
14M. Cyanide, Total (57-12-5)	X			0.005 U						1	mg/L				
15M. Phenols, Total	X			0.05 U						1	mg/L				
DIOXIN															
2,3,7,8 Tetra-chlorodibenzo, P, Dioxin (1784-01-6)			X	DESCRIBE RESULTS:											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chloro-benzene (108-90-7)			X												
8V. Chlorodibro-momethane (124-48-1)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro-ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro-bromomethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X												
15V. 1,2-Dichloroethane (107-06-2)			X												
16V. 1,1-Dichlorethylene (75-35-4)			X												
17V. 1,2-Di-chloropropane (78-87-5)			X												
18V. 1,3-Dichloropro-pylene (452-75-6)			X												
19V. Ethyl-benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2-Tetrachloro-ethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloro-ethylene (156-60-5)			X												
27V. 1,1,1-Tri-chloroethane (71-55-6)			X												
28V. 1,1,2-Tri-chloroethane (79-00-5)			X												
29V. Trichloro-ethylene (79-01-6)			X												
30V. Vinyl Chloride (75-01-4)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chloro-phenol (95-57-8)			X												
2A. 2,4-Dichlor-Orophenol (120-83-2)			X												
3A. 2,4-Dimeth-ylphenol (105-67-9)			X												
4A. 4,6-Dinitro-o-cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)			X												
6A. 2-Nitro-phenol (88-75-5)			X												
7A. 4-Nitro-phenol (100-02-7)			X												
8A. P-chloro-m-cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-88-5)			X												
10A. Phenol (108-05-2)			X												
11A. 2,4,6-Tri-chlorophenol (88-06-2)			X												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acena-phthene (83-32-9)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
2B. Acena-phtylene (208-96-8)			X												
3B. Anthra-cene (120-12-7)			X												
4B. Benzidine (92-87-5)			X												
5B. Benzo(a)-anthracene (56-55-3)			X												
6B. Benzo(a)-pyrene (50-32-8)			X												
7B. 3,4-Benzo-fluoranthene (205-99-2)			X												
8B. Benzo(ghl) perylene (191-24-2)			X												
9B. Benzo(k)-fluoranthene (207-08-9)			X												
10B. Bis(2-chlor-oethoxy)-methane (111-91-1)			X												
11B. Bis (2-chlor-oisopropyl)-Ether			X												
12B. Bis (2-ethyl-hexyl)-phthalate (117-81-7)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X												
14B. Butyl-benzyl phthalate (85-68-7)			X												
15B. 2-Chloro-naphthalene (7005-72-3)			X												
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X												
17B. Chrysene (218-01-9)			X												
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X												
19B. 1,2-Dichloro-benzene (95-50-1)			X												
20B. 1,3-Dichloro-Benzene (541-73-1)			X												
21B. 1,4-Dichloro-benzene (106-46-7)			X												
22B. 3,3-Dichloro-benzidene (91-94-1)			X												
23B. Diethyl Phthalate (84-66-2)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)			X												
25B. Di-N-butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitro-toluene (121-14-2)			X												
27B. 2,6-Dinitro-toluene (606-20-2)			X												
28B. Di-n-octyl Phthalate (117-84-0)			X												
29B. 1,2-diphenyl-hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (208-44-0)			X												
31B. Fluorene (86-73-7)			X												
32B. Hexachloro-benzene (118-71-1)			X												
33B. Hexachloro-butadiene (87-68-3)			X												
34B. Hexachloro-cyclopenta-diene (77-47-4)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indneo-(1,2,3-oc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Napthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Trichlorobenzene (120-82-1)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (58-89-9)			X												
4P. gamma-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptaclor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												