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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: **Laurel Mountain Resources, LLC**	Permit: **836-5572 A2**	County: Floyd
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	
New Ponds							
Fireclay FSC-1: Outlet 5	37	26	28	82	41	59	Hoods Fork of Frasure Creek
FSC-1: Outlet 6	37	26	25	82	41	59	Hoods Fork of Frasure Creek
FSC-1: Outlet 7	37	26	21	82	42	02	Hoods Fork of Frasure Creek
FSC-1: Outlet 8	37	26	18	82	42	06	Hoods Fork of Frasure Creek
FSC-2: Outlet 9	37	26	21	82	42	16	Hoods Fork of Frasure Creek
FSC-3 Outlet 10	37	26	21	82	42	28	Hoods Fork of Frasure Creek
FSC-3 Outlet 11	37	26	19	82	42	31	Hoods Fork of Frasure Creek
Whitesburg WSC-1 Outlet 18	37	26	25	82	41	58	Hoods Fork of Frasure Creek
WSC-1: Outlet 17	37	26	19	82	42	02	Hoods Fork of Frasure Creek
WSC-1: Outlet 16	37	26	17	82	42	06	Hoods Fork of Frasure Creek
WSC-1: Outlet 15	37	26	17	82	42	15	Hoods Fork of Frasure Creek
WSC-2: Outlet 14	37	26	20	82	42	28	Hoods Fork of Frasure Creek

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WSC-2: Outlet 13	37	26	16	82	42	34	Hoods Fork of Frasure Creek
WSC-2: Outlet 12	37	26	20	82	42	28	Hoods Fork of Frasure Creek
Amburgy ASC-1 Outlet 19	37	26	17	82	42	00	Hoods Fork of Frasure Creek
ASC-1: Outlet 20	37	26	15	82	42	05	Hoods Fork of Frasure Creek
ASC-1: Outlet 21	37	26	14	82	42	12	Hoods Fork of Frasure Creek
ASC-1: Outlet 22	37	26	15	82	42	17	Hoods Fork of Frasure Creek
ASC-2: Outlet 23	37	26	19	82	42	26	Hoods Fork of Frasure Creek
ASC-2: Outlet 24	37	26	15	82	42	30	Hoods Fork of Frasure Creek
ASC-2: Outlet 25	37	26	14	82	42	34	Hoods Fork of Frasure Creek
Elkhorn ESC-1: Outlet 28	37	26	11	82	42	18	Hoods Fork of Frasure Creek
ESC-1: Outlet 29	37	26	09	82	42	11	Hoods Fork of Frasure Creek
ESC-2: Outlet 26	37	26	10	82	42	34	Hoods Fork of Frasure Creek
ESC-2: Outlet 27	37	26	11	82	42	28	Hoods Fork of Frasure Creek
Original Ponds							
P-1	37	26	09	82	42	09	Hoods Fork of Frasure Creek
D-1	37	26	04	82	42	42	Hoods Fork of Frasure Creek
D-2	37	26	11	82	42	22	Hoods Fork of Frasure Creek
D-3 (Deleted by A2)	37	26	12	82	42	31	Hoods Fork of Frasure Creek

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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
New Ponds				
Fireclay FSC-1: Outlet 5	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
FSC-1: Outlet 6	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
FSC-1: Outlet 7	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
FSC-1: Outlet 8	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
FSC-2: Outlet 9	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
FSC-3 Outlet 10	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
FSC-3 Outlet 11	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
Whitesburg WSC-1 Outlet 18	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
WSC-1: Outlet 17	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
WSC-1: Outlet 16	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
WSC-1: Outlet 15	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
WSC-2: Outlet 14	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
WSC-2: Outlet 13	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
WSC-2: Outlet 12	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
Amburgy ASC-1 Outlet 19	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
ASC-1: Outlet 20	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A

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ASC-1: Outlet 21	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
ASC-1: Outlet 22	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
ASC-2: Outlet 23	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
ASC-2: Outlet 24	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
ASC-2: Outlet 25	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
Elkhorn ESC-1: Outlet 28	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
ESC-1: Outlet 29	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
ESC-2: Outlet 26	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
ESC-2: Outlet 27	Surface Mining	See table below	Sedimentation	1-U
			Discharge to Surface Water	4-A
Original Ponds				
P-1	Surface Mining	1,646.43 cfs (25-yr 24-hr)	Sedimentation	1-U
			Discharge to Surface Water	4-A
D-1	Surface Mining	149.27 (25-yr 24-hr)	Sedimentation	1-U
			Discharge to Surface Water	4-A
D-2	Surface Mining	160.30 (25-yr 24-hr)	Sedimentation	1-U
			Discharge to Surface Water	4-A

Please note that these are not additional outfalls. This chart gives the 25-yr 24-hr design flow and drainage associated with each sediment channel structure proposed. They are not listed in the table above because the table above is broken down for each outlet within a sediment channel; however, discharge from a given outlet may not always occur. Therefore, the design flow was calculated for each entire sediment channel instead of each outlet.

Sediment Channel	Average Design Flow (25-yr 24-hr)	Drainage (acres)	Receiving Water
ASC-1	107.15	47.82	Hoods Fork of Frasure Creek
ASC-2	56.32	24.97	Hoods Fork of Frasure Creek
ESC-1	83.09	38.42	Hoods Fork of Frasure Creek
ESC-2	68.49	29.19	Hoods Fork of Frasure Creek
FSC-1	66.22	29.49	Hoods Fork of Frasure Creek
FSC-2	31.45	14.18	Hoods Fork of Frasure Creek
FSC-3	46.95	21.06	Hoods Fork of Frasure Creek
FSC-4	6.82	2.51	Hoods Fork of Frasure Creek
WSC-1	70.92	30.83	Hoods Fork of Frasure Creek
WSC-2	34.57	16.44	Hoods Fork of Frasure Creek

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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.

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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)

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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)

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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):
Gene Campbell; Chief Engineer	606-874-7725
SIGNATURE	DATE
	10-29-10

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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. P-1**

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)	10.0						1	mg/L				
e. Ammonia (as N)	WAVIER REQUESTED											
f. Flow (in units of MGD)	VALUE	1.2	VALUE		VALUE			GPM		VALUE		
g. Temperature (winter)	VALUE		VALUE		VALUE			°c		VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE			°c		VALUE		
i. pH	MINIMUM	MAXIMUM 7.4	MINIMUM	MAXIMUM			1	STANDARD UNITS				

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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		3.0						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		576						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		342						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		0.13						1	mg/L				
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		1.26						1	mg/L				
v. Magnesium Total (7439-96-4)		X												
w. Molybdenum Total (7439-98-7)		X												
x. Manganese, Total (7439-96-6)	X		2.22						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 U						1	mg/L				
2M. Arsenic, Total (7440-38-2)	X			0.0010						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			0.0338						1	mg/L				
10M. Selenium, Total (7782-49-2)	X			0.001						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			0.038 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												