millennium
BULK TERMINALS
LONGVIEW, LLC

August 31, 2011

Mr. Garin Schrieve
Industrial Section
Washington Department of Ecology
P.O. Box 47600
Olympia, WA 98504

Re: NPDES Permit WA000008-6 Renewal Application

Dear Mr. Schrieve:

Millennium Bulk Terminals—Longview, LLC (MBTL) operates a multi-modal bulk materials handling facility in Longview, Washington. The facility currently discharges stormwater and other wastewater from the facility pursuant to NPDES permit number WA 000008-6. Enclosed please find MBTL's NPDES permit renewal application, which consists of EPA Forms 1, 2C, 2F, and associated attachments. MBTL intends to supplement the application with an engineering report by mid-September 2011.

If you have any questions or concerns regarding the application, please let me know.

Sincerely,

Kristin Gaines
Manager, Environment and Health

cc (w/encl.): Ms. Kim Wigfield, Ecology

4029 Industrial Way ■ PO Box 2098 ■ Longview, WA 98632 ■ (360) 425-2800 ■ (360) 636-8340 Fax

NPDES APPLICATION

MILLENNIUM BULK TERMINALS – LONGVIEW, LLC

Prepared for

Millennium Bulk Terminals-Longview, LLC
PO Box 2098
Longview, Washington 98632

Submitted to

Washington Department of Ecology
300 Desmond Drive
Lacey, Washington 98503

Prepared by

Anchor QEA, LLC
6650 SW Redwood Lane, Suite 333
Portland, OR 97224

August 2011

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Figure 1 USGS Topographic Map
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TABLE

Table 1 NPDES Sampling Results June 2011

Please print or type in the unshaded areas only
(fill-in areas are spaced for elite type, i.e., 12 characters/inch).

For Approved. OMB No. 2040-0086. Approval expires 5-31-92

FORM 1 GENERAL

U.S. ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

S		T/A	C
F	WAD057068561		D
1	2 13	14	15

LABEL ITEMS

- **I. EPA I.D. NUMBER**
- **III. FACILITY NAME**
- **V. FACILITY MAILING LIST**
- **VI. FACILITY LOCATION**

PLEASE PLACE LABEL IN THIS SPACE

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill-in area*(s)* below. If the label is complete and correct, you need not complete Items I, III, V, and VI*(except VI-B which must be completed regardless)*. Complete all items if no label has been proved. Refer to the instructions for detailed item descriptions and for the legal authorization under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental from listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold-faced terms**.

SPECIFIC QUESTIONS	MARK "X" YES	NO	FORM ATTACHED	SPECIFIC QUESTIONS	MARK "X" YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge** to **waters of the U.S.?** (FORM 2A)	☐ 16	☒ 17	☐ 18	B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge** to **waters of the U.S.?** (FORM 2B)	☐ 19	☒ 20	☐ 21
C. Is this facility which currently results in **discharges** to **waters of the U.S.** other than those described in A or B above? (FORM 2C)	☒ 22	☐ 23	☒ 24	D. Is this proposal facility *(other than those described in A or B above)* which will result in a **discharge** to **waters of the U.S.?** (FORM 2D)	☐ 25	☒ 26	☐ 27
E. Does or will this facility treat, store, or dispose of **hazardous wastes?** (FORM 3)	☐ 28	☒ 29	☐ 30	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)	☐ 31	☒ 32	☐ 33
G. Do you or will you inject at this facility any produced water other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	☐ 34	☒ 35	☐ 36	H. Do you or will you inject at this facility fluids for special processes such as mining of sulfer by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	☐ 37	☒ 38	☐ 39
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area?** (FORM 5)	☐ 40	☒ 41	☐ 42	J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment are?** (FORM 5)	☐ 43	☒ 44	☐ 45

III. NAME OF FACILITY

C 1 | SKIP | Millennium Bulk Terminals - Longview, LLC
15 | 16-29 | 30 ... 69

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*		
C 2: Gaines, Kristin Manager, Environment and Health (15–45)	360 (46–48)	425 (49–51)	2800 (52–55)

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

C 3: PO Box 2098 (15–45)

B. CITY OR TOWN	C. STATE	D. ZIP CODE
C 4: Longview (15–40)	WA (41–42)	98632 (47–51)

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

C 5: 4029 Industrial Way (15–45)

B. COUNTY NAME

Cowlitz (46–70)

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE
C 6: Longview (15–40)	WA (41–42)	98632 (47–51)	(52–54)

CONTINUED ON REVERSE

CONTINUED FROM THE FRONT

VII. SIC CODES *(4-digit, in order of priority)*

A. FIRST		B. SECOND	
4491	(specify) Marine Cargo Handling	4426	(specify) Special Warehousing and Storage
C. THIRD		**D. FOURTH**	
	(specify)		(specify)

VIII. OPERATOR INFORMATION

A. NAME: Millennium Bulk Terminals - Longview, LLC

B. Is the name listed in Item VIII-A also the owner? ☒ YES ☐ NO

C. STATUS OF OPERATOR *(Enter the appropriate letter into the answer box; if "Other," specify.)*

F = FEDERAL
S = STATE
P = PRIVATE
M = PUBLIC *(other than federal or state)*
O = OTHER *(specify)*

P (specify)

D. PHONE *(area code & no.)*: A 360 425 2800

E. STREET OR PO BOX: 4029 Industrial Way

F. CITY OR TOWN	G. STATE	H. ZIP CODE
Longview	WA	98632

IX. INDIAN LAND

Is the facility located on Indian lands? ☐ YES ☒ NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES *(Discharges to Surface Water)*	WA000008-6	D. PSD *(Air Emissions from Proposed Sources)*	
B. UIC *(Underground Injection of Fluids)*		E. OTHER *(specify)*	10-2929ADP — (Specify) Air Discharge Permit: SW Clean Air Agency
C. RCRA *(Hazardous Wastes)*	WAD057068561	E. OTHER *(specify)*	(Specify)

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS *(provide a brief description)*

Millennium operates the site as a multi-modal bulk materials handling facility with a focus on the import, storage, and export of materials. These materials include but are not necessarily limited to materials used by Alcoa in its aluminum smelter operations, such as alumina, calcined coke, coal tar pitch, as well as other materials such as fly ash, sand and gravel, cementitious materials, and sodium hydroxide. Presently, the adjacent Weyerhaeuser operation stores coal on the Millennium site. Materials are transported to and from the site by ship, barge, train, and truck, and are handled at the site using marine vessel loading and unloading equipment, conveyors, and mobile equipment such as front end loaders and trucks. The materials may be either directly transferred to another mode of transportation (e.g., from ship to train or truck) or temporarily stored at the site. No manufacturing or processing of materials is conducted onsite.

Millennium contemplates seeking approvals for the future construction of new dock(s) in the berthing areas adjacent to the existing facility dock to facilitate the transshipment of bulk commodities, including coal exports. No coal exports will occur on the existing dock. Millennium will submit an NPDES permit modification application to the Department of Ecology before using the site for the marine import or export of coal.

XIII. CERTIFICATION *(see instructions)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE *(type or print)*	B. SIGNATURE	C. DATE SIGNED
Kristin Gaines, Manager Environment	Kristin	8/31/2011

COMMENTS FOR OFFICIAL USE ONLY

C

Please type or print in the unshaded areas only	EPA ID Number *(Copy from Item 1 of Form 1)* WAD057068561	*Form Approved* *OMB No. 2040-0086* *Approval expires 8-31-98*

Form **2C** NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER

EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS

Consolidated Permits Program

I. Outfall Location

For this outfall, list the latitude and longitude, (degrees, min.xxxx) and name of the receiving water(s)

Outfall Number *(list)*	Latitude		Longitude		Receiving Water *(name)*
	Deg	Min	Deg	Min	
001	46	08' 7.6" N	123	00' 0.7" W	Columbia River
002A	46	08' 14.2" N	123	00' 27.7" W	Columbia River
002B	46	08' 23.77" N	123	00' 12.64" W	Columbia River via Outfall 002A
003	46	08' 49.59" N	123	00' 10.57" W	Cowlitz County CDID Ditch #10

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 description in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (*e.g., for certain mining activities*), provide a pictoral 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.

1. Outfall No. (list)	2. Operations Contributing Flow		3. Treatment		
	a. OPERATION *(list)*	b. AVERAGE FLOW (*include units*)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001	Sanitary sewer including kitchen/bathroom sinks, toilets, showers, and water fountains.	0.059 MGD calculated from flow meter data at 001 (Jan 2006–June 2011)	Primary & secondary treatment	1-U, 2-F, 3-C, 3-H, 4-A, 5-H, 5-Q	
002A	Flows from Outfall 002B, stormwater runoff (addressed in form 2F), groundwater, water system operations, contact water from cleaning and maintenance activities and dust suppression.	2.81 MGD calculated from flow meter data at 002A (Jan 2006–June 2011)	Settling pond with oil skimmer, multimedia filtration, chlorination/ dechlorination of filter backwash water.	1-Q, 1-U, 5-Q, 4-A	
002B	Internal Outfall from industrial wastewater treatment plant (Facility 71) effluent. WWTP plant influent includes leachate from the closed western black mud pond and cryolite ditches and water from remediation activities such as monitoring well purge water.	0.153 MGD calculated from flow meter data at 002B (Jan 2006–June 2011)	Treatment consists of pH adjustment, chemical precipitation, flocculation, and sedimentation/ settling. Sludge is gravity thickened and landfilled. Effluent from 002B is discharged through Outfall 002A	4-A, 1-U, 2-C, 5-L, 5-Q, 1-G	

003	Non-contact cooling water from heat exchanger (planned for elimination) for lab and administrative building, lab sinks, main office basement dewatering, wash pad, stormwater (addressed in Form 2F), and groundwater.	1.56 MGD Estimated	Vegetated ditches	1-U, 4-A	

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C. Except for storm 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)*

1. OUTFALL NUMBER (list)	2. OPERATION(s) CONTRIBUTING FLOW *(list)*	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK *(specify average)*	b. MONTHS PER YEAR *(specify average)*	a. FLOW RATE *(in mgd)*		b. TOTAL VOLUME *(specify with units*		c. DURATION *(in days)*
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
001	Groundwater	7	10					
002A	Groundwater	7	10					
003	Groundwater	7	10					

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)* ☒ **NO** *(go to Section IV)*

B. Are the limitations in the applicable effluent guideline expressed in terms of production *(or other measure 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 an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS *(list outfall numbers)*
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. 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 treatment 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)*

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. No	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
Repairs to industrial WWTP	002B and 002A	Leachate from the closed black mud pond and cryolite ditches.	The existing WWTP was damaged by a fire in June 2011. A temporary WWTP will be put in place while the facility is repaired. In the interim leachate is being collected and stored on-site.		10/31/2011 (temp. WWTP)
Administrative Order 8027	002A, 005, 006	Closed black mud pond and surrounding area	Evaluation of stormwater discharges		10/31/2011

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 underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

☐ **MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAM IS ATTACHED**

 CONTINUED ON PAGE 3

EPA ID Number *(Copy from Item 1 of Form 1)*
WAD057068561

CONTINUED FROM PAGE 2

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding - Complete one set of tables or each outfall - Annotate the outfall number in the space provided.
NOTE: Tables V-A, V-B, and V-C are included on separate sheets number V-1 through V-9.

D: Use the space below t list any of the pollutants listed in Tables 2c-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.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

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 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 purpose below)* ☐ **NO** *(go to Section VIII)*

Administrative order NO. DE 90-I057 (first amendment – January 1992) modified the existing 1990 NPDES permit WA-000008-6 to require quarterly and semiannual toxicity testing at Outfall 002A.

- Quarterly acute toxicity testing is performed using Daphnia (Daphnia pulex) at effluent concentrations of 100% effluent for 48 hours.
- Semi-annual acute toxicity testing is performed using Rainbow Trout (Oncorhynchus mykiss) at effluent concentration of 100% effluent for 96 hours.

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)*

A. NAME	B. ADDRESS	C. TELEPHONE *(area code & no.)*	D. POLLUTANTS ANALYZED *(list)*
Specialty Analytical	11711 SE Capps Rd Clackamas, OR 97015	(503) 607-1331	All pollutants listed in Section V of this application sampled after January 2011, except for pH and chlorine which are analyzed on-site.
Test America	9405 SW Nimbus Avenue Beaverton, OR 97008	(503) 906-9200	BOD, TSS, residual chlorine, Oil & grease, fluoride, cyanide, aluminum, antimony, nickel prior to January 2011.
		( )	

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.

A. NAME & OFFICIAL TITLE *(type or print)*	B. PHONE NO. *(area code & no.)*
Kristin Gaines, Manager Environment and Health	(360) 425-2800
C. SIGNATURE Kristin Gaines	D. DATE SIGNED 8/31/2011

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.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	**OUTFALL NUMBER**
WAD057068561	001

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

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 AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE 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)*	6.95	2.66	6.95	2.66	3.85	1.59	7	mg/L	lbs/day			
b. Chemical Oxygen Demand *(COD)*	23.6	12.95					1	mg/L	lbs/day			
c. Total Organic Carbon *(TOC)*	7.08	3.89					1	mg/L	lbs/day			
d. Total Suspended Solids *(TSS)*	33.6	24.13	23.50	15.31	11.88	5.57	24	mg/L	lbs/day			
e. Ammonia *(as N)*	0.145	0.080					1	mg/L	lbs/day			
f. Flow	Value 0.122		Value 0.075		Value 0.054		363	MGD		Value		
g. Temperature *(winter)*	Value		Value		Value			°C		Value		
h. Temperature *(summer)*	Value 13.3		Value		Value			°C		Value		
i. pH	Minimum 7.06	Maximum 7.82	Minimum 7.23	Maximum 7.62			42	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitation guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. 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 *(specify if blank)*		5. INTAKE *(optional)*		
	a. BELIEVED PRESENT	B. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)	☐	☒	< 0.500	<0.274					1	mg/L	lbs/day			
b. Chlorine, Total Residual	☒	☐	1.00	0.50	0.61	0.30	0.49	0.21	54	mg/L	lbs/day			
c. Color	☒	☐	14.0						1					
d. Fecal Coliform	☒	☐	500		87.50		40.20		14	#col / 100 ml				
e. Fluoride (16984-48-8)	☒	☐	12.8	7.02					1	mg/L	lbs/day			
f. Nitrate-Nitrite *(as N)*	☒	☐	1.46	0.801					1	mg/L	lbs/day			

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'		3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. BELIEVED PRESENT	B. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic *(as N)*	☒	☐	0.353	0.194					1	mg/l	lbs/day			
h. Oil and Grease	☐	☒	< 4.80	< 2.63					1	mg/l	lbs/day			
i. Phosphorus *(as P)*, Total (7723-14-0)	☒	☐	0.379	0.208					1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total	☐	☒												
(2) Bets, Total	☐	☒												
(3) Radium, Total	☐	☒												
(4) Radium 226, Total	☐	☒												
k. Sulfate *(as SO_4) (14808-79-8)*	☒	☐	4.63	2.54					1	mg/l	lbs/day			
l. Sulfide (as S)	☐	☒	< 1.00	< 0.549					1	mg/l	lbs/day			
m. Sulfite *(as SO_3)(14265-45-3)*	☐	☒	< 3.00	< 1.646					1	mg/l	lbs/day			
n. Surfactants	☐	☒	< 0.025	< 0.014					1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)	☒	☐	146	0.0801					1	ug/l	lbs/day			
p. Barium, Total (7440-39-3)	☒	☐	16.10	0.0088					1	ug/l	lbs/day			
q. Boron, Total (7440-42-8)	☒	☐	0.035	0.0192					1	mg/l	lbs/day			
r. Cobalt, Total (7440-48-4)	☒	☐	0.641	0.0004					1	ug/l	lbs/day			
s. Iron, Total (7439-89-4)	☒	☐	4440	2.437					1	ug/l	lbs/day			
t. Magnesium, Total (7439-95-4)	☒	☐	15400	8.45					1	ug/l	lbs/day			
u. Molybdenum, Total (7439-98-7)	☒	☐	2.65	0.0015					1	ug/l	lbs/day			
v. Manganese, Total (7439-96-5)	☒	☐	433	0.238					1	ug/l	lbs/day			
w. Tin, Total (7440-31-5)	☐	☒	< 0.02	< 0.01					1	mg/l	lbs/day			
x. Titanium, Total (7440-32-6)	☐	☒	< 0.005	< 0.003					1	mg/l	lbs/day			

 CONTINUE ON PAGE V-3

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	001

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a 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 column 2-a *(secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant. If you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 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 *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE 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)	☐	☐	☒	< 0.500	< 0.003					1	ug/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	☐	☒	☐	4.62	0.0025					1	ug/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	☐	☒	☐	0.173	0.0001					1	ug/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	☐	☐	☒	< 0.100	<0.0001					1	ug/l	lbs/day			
5M Chromium, Total (7440-47-3)	☐	☒	☐	0.212	0.0001					1	ug/l	lbs/day			
6M Copper, Total (7440-50-8)	☐	☒	☐	3.300	0.0018					1	ug/l	lbs/day			
7M lead, Total (7439-92-1)	☐	☒	☐	0.731	0.0004					1	ug/l	lbs/day			
8M Mercury, Total (7439-97-6)	☐	☐	☒	< 0.0001	<0.0001					1	mg/l	lbs/day			
9M Nickel, Total (7440-02-0)	☐	☒	☐	1.12	0.0006					1	ug/l	lbs/day			
10M Selenium, Total (7782-49-2)	☐	☐	☒	< 1.00	<0.0005					1	ug/l	lbs/day			
11M Silver, Total (7440-22-4)	☐	☐	☒	< 0.100	<0.0001					1	ug/l	lbs/day			
12M Thallium, Total (7440-28-0)	☐	☐	☒	< 0.500	<0.0003					1	ug/l	lbs/day			
13M Zinc, Total (7440-66-6)	☐	☒	☐	12.4	0.0068					1	ug/l	lbs/day			
14M Cyanide, Total (57-12-5)	☐	☒	☐	0.0467	0.0256					1	mg/l	lbs/day			
15M Phenols, Total	☐	☐	☒	< 0.05	<0.0274					1	mg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764--01-6)	☐	☐	☒	DESCRIBE RESULTS											

 CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	☐	☐	☒	<10.0	<0.0055					1	ug/l	lbs/day			
2V. Acrylonitrille (107-13-1)	☐	☐	☒	<5.00	<0.0027					1	ug/l	lbs/day			
3V. Benzene (71-43-2)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
4V. Bis (Chloromethyl) Ether (542-88-1)	☐	☐	☒	<10.0	<0.0055					1	ug/l	lbs/day			
5V. Bromoform (75-25-2)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
7V. Chlorobenzene (108-90-7)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
8V. Chlorodibromomethane (124-48-1)	☐	☐	☒	1.49	0.0008					1	ug/l	lbs/day			
9V. Chloroethane (75-00-3)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
10V. 2-Chloroethylvinyl Ether (110-75-8)	☐	☐	☒	<10.0	<0.0055					1	ug/l	lbs/day			
11V. Chloroform (67-66-3)	☐	☐	☒	6.77	0.0037					1	ug/l	lbs/day			
12V. Dichlorobromoethane (75-27-4)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
13V. Dichlorodifluoromethane (75-71-8)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
14V. 1,1-Dichloroethane (75-27-3)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
15V. 1,2-Dichloroethane (107-06-2)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
16V. 1,1-Dichloroethylene (7535-4)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
17V. 1,2-Dichloropropane (78-87-5)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
18V. 1,3-Dichloropropylene (542-75-6)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
19V. Ethylbenzene (100-41-4)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
20V. Methyl Bromide (74-83-9)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
21V. Methyl Chloride (74-87-3)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	001

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - VOLATILE COMPOUNDS *(continued)*															
22 V. Methylene Chloride (75-09-2)	☐	☐	☒	<5.00	<0.0027					1	ug/l	lbs/day			
23V. 1,1,2,2-Tetra-Chloroethane (79-34-5)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
24V. Tetrachloro-ethylene (127-18-4)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
25V. Toluene (108-88-3)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
27V. 1,1,1-Tri-chloroethane (71-55-6)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
28V. 1,1,2-Tri-chloroethane (79-00-5)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
29V. Trichloro-ethylene (79-01-6)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
30V. Trichloro-fluoromethane (75-69-4)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	☐	☐	☒	<1.00	<0.0005					1	ug/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
2A. 2,4-Dichloro-phenol (120-83-2)	☐	☐	☒	<9.51	<0.0052					1	ug/l	lbs/day			
3A. 2,4-Dimethyl-phenol (105-67-9)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
4A. 4,6-Dinitro-O-cresol (534-52-1)	☐	☐	☒	<9.51	<0.0052					1	ug/l	lbs/day			
5A. 2,4-Dinitro-phenol (51-28-5)	☐	☐	☒	<9.51	<0.0052					1	ug/l	lbs/day			
6A. 2-Nitro-phenol (88-75-5)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
7A. 4-Ntro-phenol (100-02-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
8A. P-Chloro-M-Cresol (59-50-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
9A. Penta-chlorophenol (87-86-5)	☐	☐	☒	<9.51	<0.0052					1	ug/l	lbs/day			
10A. Phenol (108-95-2)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
11A. 2,4,6-Tri-chlorophenol (88-06-2)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			

 CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE 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															
1B. Acenphthene (83-32-9)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
2B. Acenaphtylene (208-96-8)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
3B. Anthracene (120-12-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
4B. Benzidine (92-87-5)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	☐	☒	<9.51	<0.0052					1	ug/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
12B. Bis (2-Chloroisopropyl) Ether (108-60-1	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
13B. Bis(2-Ethyl-hexyl) Phthalate (117-81-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
15B Butyl Benzyl Phthalate (85-68-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
16B. 2-Chloro-naphthalene (91-58-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
18B. Chrysene (218-01-9)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
20B. 1,2-Dichloro-benzene (95-50-1)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
21B. 1,3-Dichloro-benzene (541-73-1)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	001

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify *if blank*)		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
23B. 3,3'-Dichlorobenzidine (91-94-1)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
27B. 2,4-Dinitrotoluene (121-14-2)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
28B. 2,6-Dinitrotoluene (606-20-2)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
31B. Fluoranthene (206-44-0)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
32B. Fluorene (86-73-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
33B. Hexachlorobenzene (118-74-1)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
34B. Hexachlorobutadiene (87-68-3)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
35B. Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
36B. Hexachloroethane (67-72-1)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
38B. Isophorone (78-59-1)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
39B. Napthalene (91-20-3)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
40B. Nitrobenzene (98-95-3)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
41B. N-Nitrosodimethylamine (62-75-9)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
42B. N-Nitrosdi-N-Propylamine (621-64-7)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			

 CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE 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)*															
43B. N-Nitro-sodiphenylamine (86-30-6)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
44B. Phenanthrene (85-01-/	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
45B. Pyrene (129-00-0)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	☐	☐	☒	<4.76	<0.0026					1	ug/l	lbs/day			
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
2P. α-BHC (319-84-6	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
3P. β-Bhc (319-85-7)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
4P. γ-BHC (58-89-9)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
5P. δ-BHC (319-86-8)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
6P. Chlordane (57-74-9)	☐	☐	☒	<0.190	<0.0001					1	ug/l	lbs/day			
7P. 4,4'-DDT (50-29-3)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
8P. 4,4'-DDE (72-55-9)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
9P. 4,4'-DDD (72-54-8)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
10P. Dieldrin (60-57-1)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
11P. α-Endo-sulfan (115-29-7)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
12P. β-Endo-sulfan (115-29-7	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
13P. Endosulfan Sulfate (1031-07-8)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
14P. Endrin (72-20-8)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
15P. Endrin Aldehyde (7421-93-4)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
16P. Heptachlor (76-44-8)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			

 CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	001

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - PESTICIDES *(continued)*															
17P. Heptachlor Expxide (1024-57-3)	☐	☐	☒	<0.0190	<0.00001					1	ug/l	lbs/day			
18P. PCB-1242 (53469-21-9)	☐	☐	☒	<0.0381	<0.00002					1	ug/l	lbs/day			
19P. PCB-1254 (11097-69-1)	☐	☐	☒	<0.0381	<0.00002					1	ug/l	lbs/day			
20P. PCB-1221 (11104-28-2)	☐	☐	☒	<0.0381	<0.00002					1	ug/l	lbs/day			
21P. PCB-1232 (11141-16-5)	☐	☐	☒	<0.0381	<0.00002					1	ug/l	lbs/day			
22P. PCB-1248 (12672-29-6)	☐	☐	☒	<0.0381	<0.00002					1	ug/l	lbs/day			
23P. PCB-1260 (11096-82-5)	☐	☐	☒	<0.0381	<0.00002					1	ug/l	lbs/day			
24P. PCB-1016 (12674-11-2)	☐	☐	☒	<0.0381	<0.00002					1	ug/l	lbs/day			
25P. Toxa-phene (8001-35-2)	☐	☐	☒	<0.190	<0.0001					1	ug/l	lbs/day			

 CONTINUE ON REVERSE

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.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	**OUTFALL NUMBER**
WAD057068561	002A

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

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 AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE 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)*	<2.00	<18.7					1	mg/l	lbs/day			
b. Chemical Oxygen Demand *(COD)*	17.0	159					1	mg/l	lbs/day			
c. Total Organic Carbon *(TOC)*	5.32	49.7					1	mg/l	lbs/day			
d. Total Suspended Solids *(TSS)*	78.0	743.8	25.3	312.0	8.9	165.2	100	mg/l	lbs/day			
e. Ammonia *(as N)*	0.164	1.53					1	mg/l	lbs/day			
f. Flow	Value 5.89		Value 4.76		Value 2.57		365	MGD		Value		
g. Temperature *(winter)*	Value 11.5		Value 10.5		Value 10.5		23	°C		Value		
h. Temperature *(summer)*	Value 21.3		Value 17.9		Value 16.2		65	°C		Value		
i. pH	Minimum 7.14	Maximum 8.45	Minimum 7.48	Maximum 7.89			44	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitation guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. 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 *(specify if blank)*		5. INTAKE *(optional)*		
	a. BELIEVED PRESENT	B. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)	☐	☒	<0.500	<4.67					1	mg/l	lbs/day			
b. Chlorine, Total Residual	☒	☐	0.05	0.467					1	mg/l	lbs/day			
c. Color	☒	☐	>70						1					
d. Fecal Coliform	☒	☐	20.0						1	MPN/ 100ml				
e. Fluoride (16984-48-8)	☒	☐	19.7	514.7	10.6	205.7	6.3	130.2	100	mg/l	lbs/day			
f. Nitrate-Nitrite *(as N)*	☐	☒	<1.00	9.34					1	mg/l	lbs/day			

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'		3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. BELIEVED PRESENT	B. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic *(as N)*	☒	☐	0.425	3.97					1	mg/l	lbs/day			
h. Oil and Grease	☒	☐	9.12	273.5	6.16	203.1	3.44	79.5	51	mg/l	lbs/day			
i. Phosphorus *(as P)*, Total (7723-14-0)	☒	☐	0.306	2.86					1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total	☐	☒												
(2) Bets, Total	☐	☒												
(3) Radium, Total	☐	☒												
(4) Radium 226, Total	☐	☒												
k. Sulfate *(as SO_4) (14808-79-8)*	☒	☐	3.36	31.4					1	mg/l	lbs/day			
l. Sulfide (as S)	☐	☒	<1.00	<9.34					1	mg/l	lbs/day			
m. Sulfite *(as SO_3)(14265-45-3)*	☐	☒	<3.00	<28.0					1	mg/l	lbs/day			
n. Surfactants	☐	☒	<0.100	<0.934					1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)	☒	☐	6.47	147.4	2.67	50.5	0.83	15.6	100	mg/l	lbs/day			
p. Barium, Total (7440-39-3)	☒	☐	18.0	0.168					1	ug/l	lbs/day			
q. Boron, Total (7440-42-8)	☒	☐	0.028	0.262					1	mg/l	lbs/day			
r. Cobalt, Total (7440-48-4)	☐	☒	<0.500	<0.0047					1	ug/l	lbs/day			
s. Iron, Total (7439-89-4)	☒	☐	1320	12.33					1	ug/l	lbs/day			
t. Magnesium, Total (7439-95-4)	☒	☐	12400	115.83					1	ug/l	lbs/day			
u. Molybdenum, Total (7439-98-7)	☒	☐	2.24	0.0209					1	ug/l	lbs/day			
v. Manganese, Total (7439-96-5)	☒	☐	369	3.45					1	ug/l	lbs/day			
w. Tin, Total (7440-31-5)	☐	☒	<0.02	<0.19					1	mg/l	lbs/day			
x. Titanium, Total (7440-32-6)	☐	☒	<0.005	<0.047					1	mg/l	lbs/day			

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CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	002A

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a 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 column 2-a *(secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant. If you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 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 *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE 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)	☐	☒	☐	0.001	0.045	0.001	0.039	0.0008	0.017	51	ug/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	☐	☒	☐	5.53	0.0517					1	ug/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	☐	☐	☒	<0.100	<0.0009					1	ug/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	☐	☐	☒	<0.100	<0.0009					1	ug/l	lbs/day			
5M Chromium, Total (7440-47-3)	☐	☒	☐	0.184	0.0017					1	ug/l	lbs/day			
6M Copper, Total (7440-50-8)	☐	☒	☐	2.610	0.0244					1	ug/l	lbs/day			
7M lead, Total (7439-92-1)	☐	☒	☐	0.146	0.0014					1	ug/l	lbs/day			
8M Mercury, Total (7439-97-6)	☐	☐	☒	<0.0001	<0.0009					1	mg/l	lbs/day			
9M Nickel, Total (7440-02-0)	☐	☒	☐	0.024	0.580	0.017	0.343	0.0056	0.111	51	mg/l	lbs/day			
10M Selenium, Total (7782-49-2)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
11M Silver, Total (7440-22-4)	☐	☐	☒	<0.100	<0.0009					1	ug/l	lbs/day			
12M Thallium, Total (7440-28-0)	☐	☐	☒	<0.500	<0.0047					1	ug/l	lbs/day			
13M Zinc, Total (7440-66-6)	☐	☒	☐	6.16	0.0575					1	mg/l	lbs/day			
14M Cyanide, Total (57-12-5)	☐	☒	☐	0.132	3.64	0.068	1.74	0.040	0.82	50	mg/l	lbs/day			
15M Phenols, Total	☐	☐	☒	<0.500	<4.67					1	mg/l	lbs/day			
DIOXIN															☒
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764--01-6)	☐	☐	☒	DESCRIBE RESULTS											

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1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	☐	☐	☒	<10.0	<0.0934					1	ug/l	lbs/day			
2V. Acrylonitrille (107-13-1)	☐	☐	☒	<5.00	<0.0467					1	ug/l	lbs/day			
3V. Benzene (71-43-2)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
4V. Bis (Chloromethyl) Ether (542-88-1)	☐	☐	☒	<10.0	<0.0934					1	ug/l	lbs/day			
5V. Bromoform (75-25-2)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
7V. Chlorobenzene (108-90-7)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
8V. Chlorodibromomethane (124-48-1)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
9V. Chloroethane (75-00-3)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
10V. 2-Chloroethylvinyl Ether (110-75-8)	☐	☐	☒	<10.0	<0.0934					1	ug/l	lbs/day			
11V. Chloroform (67-66-3)	☐	☐	☒	1.11	0.0104					1	ug/l	lbs/day			
12V. Dichlorobromoethane (75-27-4)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
13V. Dichlorodifluoromethane (75-71-8)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
14V. 1,1-Dichloro-ethane (75-27-3)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
15V. 1,2-Dichloro-ethane (107-06-2)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
16V. 1,1-Dichloro-ethylene (7535-4)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
17V. 1,2-Dichloro-propane (78-87-5)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
18V. 1,3-Dichloro-propylene (542-75-6)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
19V. Ethylbenzene (100-41-4)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
20V. Methyl Bromide (74-83-9)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
21V. Methyl Chloride (74-87-3)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	002A

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - VOLATILE COMPOUNDS *(continued)*															
22 V. Methylene Chloride (75-09-2)	☐	☐	☒	9.04	0.0844					1	ug/l	lbs/day			
23V. 1,1,2,2-Tetra-Chloroethane (79-34-5)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
24V. Tetrachloro-ethylene (127-18-4)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
25V. Toluene (108-88-3)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
27V. 1,1,1-Tri-chloroethane (71-55-6)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
28V. 1,1,2-Tri-chloroethane (79-00-5)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
29V. Trichloro-ethylene (79-01-6)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
30V. Trichloro-fluoromethane (75-69-4)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	☐	☐	☒	<1.00	<0.0093					1	ug/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
2A. 2,4-Dichloro-phenol (120-83-2)	☐	☐	☒	<9.54	<0.0891					1	ug/l	lbs/day			
3A. 2,4-Dimethyl-phenol (105-67-9)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
4A. 4,6-Dinitro-O-cresol (534-52-1)	☐	☐	☒	<9.54	<0.0891					1	ug/l	lbs/day			
5A. 2,4-Dinitro-phenol (51-28-5)	☐	☐	☒	<9.54	<0.0891					1	ug/l	lbs/day			
6A. 2-Nitro-phenol (88-75-5)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
7A. 4-Ntro-phenol (100-02-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
8A. P-Chloro-M-Cresol (59-50-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
9A. Penta-chlorophenol (87-86-5)	☐	☐	☒	<9.54	<0.0891					1	ug/l	lbs/day			
10A. Phenol (108-95-2)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
11A. 2,4,6-Tri-chlorophenol (88-06-2)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			

 CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE 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															
1B. Acenphthene (83-32-9)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
2B. Acenaphtylene (208-96-8)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
3B. Anthracene (120-12-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
4B. Benzidine (92-87-5)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	☐	☒	<9.54	<0.0891					1	ug/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
12B. Bis (2-Chloroisopropyl) Ether (108-60-1	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
13B. Bis(2-Ethyl-hexyl) Phthalate (117-81-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
14 B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
15B Butyl Benzyl Phthalate (85-68-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
16B. 2-Chloro-naphthalene (91-58-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
18B. Chrysene (218-01-9)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
20B. 1,2-Dichloro-benzene (95-50-1)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
21B. 1,3-Dichloro-benzene (541-73-1)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			

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CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	002A

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4 *if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
23B. 3,3'-Dichlorobenzidine (91-94-1)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
27B. 2,4-Dinitrotoluene (121-14-2)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
28B. 2,6-Dinitrotoluene (606-20-2)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
31B. Fluoranthene (206-44-0)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
32B. Fluorene (86-73-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
33B. Hexachlorobenzene (118-74-1)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
34B. Hexachlorobutadiene (87-68-3)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
35B. Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
36B. Hexachloroethane (67-72-1)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
38B. Isophorone (78-59-1)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
39B. Napthalene (91-20-3)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
40B. Nitrobenzene (98-95-3)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
41B. N-Nitrosodimethylamine (62-75-9)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
42B. N-Nitrosdi-N-Propylamine (621-64-7)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			

 CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			2. EFFLUENT							3. UNITS *(specify if blank)*		4. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE 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)*															
43B. N-Nitrosodiphenylamine (86-30-6)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
44B. Phenanthrene (85-01-/	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
45B. Pyrene (129-00-0)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
46B. 1,2,4-Trichlorobenzene (120-82-1)	☐	☐	☒	<4.77	<0.0446					1	ug/l	lbs/day			
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
2P. α-BHC (319-84-6	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
3P. β-Bhc (319-85-7)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
4P. γ-BHC (58-89-9)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
5P. δ-BHC (319-86-8)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
6P. Chlordane (57-74-9)	☐	☐	☒	<0.192	<0.0018					1	ug/l	lbs/day			
7P. 4,4'-DDT (50-29-3)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
8P. 4,4'-DDE (72-55-9)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
9P. 4,4'-DDD (72-54-8)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
10P. Dieldrin (60-57-1)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
11P. α-Endo-sulfan (115-29-7)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
12P. β-Endo-sulfan (115-29-7	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
13P. Endosulfan Sulfate (1031-07-8)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
14P. Endrin (72-20-8)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
15P. Endrin Aldehyde (7421-93-4)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
16P. Heptachlor (76-44-8)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			

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CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	002A

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - PESTICIDES *(continued)*															
17P. Heptachlor Expxide (1024-57-3)	☐	☐	☒	<0.0192	<0.0002					1	ug/l	lbs/day			
18P. PCB-1242 (53469-21-9)	☐	☐	☒	<0.0384	<0.0004					1	ug/l	lbs/day			
19P. PCB-1254 (11097-69-1)	☐	☐	☒	<0.0384	<0.0004					1	ug/l	lbs/day			
20P. PCB-1221 (11104-28-2)	☐	☐	☒	<0.0384	<0.0004					1	ug/l	lbs/day			
21P. PCB-1232 (11141-16-5)	☐	☐	☒	<0.0384	<0.0004					1	ug/l	lbs/day			
22P. PCB-1248 (12672-29-6)	☐	☐	☒	<0.0384	<0.0004					1	ug/l	lbs/day			
23P. PCB-1260 (11096-82-5)	☐	☐	☒	<0.0384	<0.0004					1	ug/l	lbs/day			
24P. PCB-1016 (12674-11-2)	☐	☐	☒	<0.0384	<0.0004					1	ug/l	lbs/day			
25P. Toxa-phene (8001-35-2)	☐	☐	☒	<0.192	<0.0018					1	ug/l	lbs/day			

 CONTINUE ON REVERSE

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.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	**OUTFALL NUMBER**
WAD057068561	003

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

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 AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS			a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS		a. CONCEN-TRATION	b. MASS	(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand *(BOD)*	<2.00						1	mg/l	lbs/day			
b. Chemical Oxygen Demand *(COD)*	<10.0						1	mg/l	lbs/day			
c. Total Organic Carbon *(TOC)*	2.90						1	mg/l	lbs/day			
d. Total Suspended Solids *(TSS)*	<5.00						1	mg/l	lbs/day			
e. Ammonia *(as N)*	0.551						1	mg/l	lbs/day			
f. Flow	Value 1.56		Value		Value		1	MGD		Value		
g. Temperature *(winter)*	Value 16.5		Value		Value 13.6		4	°C		Value		
h. Temperature *(summer)*	Value 19.2		Value		Value 15.9		3	°C		Value		
i. pH	Minimum 7.20	Maximum 7.70	Minimum	Maximum			5	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitation guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. 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 *(specify if blank)*		5. INTAKE *(optional)*		
	a. BELIEVED PRESENT	B. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS			a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS		a. CONCEN-TRATION	b. MASS	(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)	☐	☒	<0.500						1	mg/l	lbs/day			
b. Chlorine, Total Residual	☒	☐	0.35						1	mg/l	lbs/day			
c. Color	☒	☐	6.0						1	mg/l	lbs/day			
d. Fecal Coliform	☐	☒	<2.00						1	MPN/ 100ml				
e. Fluoride (16984-48-8)	☒	☐	1.50				0.93		5	mg/l	lbs/day			
f. Nitrate-Nitrite *(as N)*	☐	☒	<1.00						1	mg/l	lbs/day			

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'		3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. BELIEVED PRESENT	B. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic *(as N)*	☒	☐	0.332						1	mg/l	lbs/day			
h. Oil and Grease	☒	☐	5.26				3.37		5	mg/l	lbs/day			
i. Phosphorus *(as P)*, Total (7723-14-0)	☒	☐	0.304						1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total	☐	☒												
(2) Bets, Total	☐	☒												
(3) Radium, Total	☐	☒												
(4) Radium 226, Total	☐	☒												
k. Sulfate *(as SO_4) (14808-79-8)*	☐	☒	<0.50						1	mg/l	lbs/day			
l. Sulfide (as S)	☐	☒	<1.00						1	mg/l	lbs/day			
m. Sulfite *(as SO_3)(14265-45-3)*	☐	☒	<3.00						1	mg/l	lbs/day			
n. Surfactants	☐	☒	<0.025						1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)	☒	☐	86.8						1	ug/l	lbs/day			
p. Barium, Total (7440-39-3)	☒	☐	10.6						1	ug/l	lbs/day			
q. Boron, Total (7440-42-8)	☒	☐	0.021						1	mg/l	lbs/day			
r. Cobalt, Total (7440-48-4)	☐	☒	<0.500						1	ug/l	lbs/day			
s. Iron, Total (7439-89-4)	☒	☐	496						1	ug/l	lbs/day			
t. Magnesium, Total (7439-95-4)	☒	☐	13100						1	ug/l	lbs/day			
u. Molybdenum, Total (7439-98-7)	☒	☐	2.35						1	ug/l	lbs/day			
v. Manganese, Total (7439-96-5)	☒	☐	502						1	ug/l	lbs/day			
w. Tin, Total (7440-31-5)	☐	☒	<0.20						1	mg/l	lbs/day			
x. Titanium, Total (7440-32-6)	☒	☐	0.024						1	mg/l	lbs/day			

 CONTINUE ON PAGE V-3

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	003

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a 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 column 2-a *(secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant. If you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 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 *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE 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)	☐	☐	☒	<0.500						1	ug/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	☐	☒	☐	5.10						1	ug/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	☐	☐	☒	<0.100						1	ug/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	☐	☐	☒	<0.100						1	ug/l	lbs/day			
5M Chromium, Total (7440-47-3)	☐	☒	☐	0.191						1	ug/l	lbs/day			
6M Copper, Total (7440-50-8)	☐	☒	☐	5.020						1	ug/l	lbs/day			
7M lead, Total (7439-92-1)	☐	☒	☐	0.156						1	ug/l	lbs/day			
8M Mercury, Total (7439-97-6)	☐	☐	☒	<0.0001						1	mg/l	lbs/day			
9M Nickel, Total (7440-02-0)	☐	☒	☐	1.83						1	ug/l	lbs/day			
10M Selenium, Total (7782-49-2)	☐	☐	☒	<1.000						1	ug/l	lbs/day			
11M Silver, Total (7440-22-4)	☐	☐	☒	<0.100						1	ug/l	lbs/day			
12M Thallium, Total (7440-28-0)	☐	☐	☒	<0.500						1	ug/l	lbs/day			
13M Zinc, Total (7440-66-6)	☐	☒	☐	62.2						1	ug/l	lbs/day			
14M Cyanide, Total (57-12-5)	☐	☐	☒	<0.01						1	mg/l	lbs/day			
15M Phenols, Total	☐	☐	☒	<0.05						1	mg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764--01-6)	☐	☐	☒	DESCRIBE RESULTS											

 CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	☐	☐	☒	<10.0						1	ug/l	lbs/day			
2V. Acrylonitrille (107-13-1)	☐	☐	☒	<5.00						1	ug/l	lbs/day			
3V. Benzene (71-43-2)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
4V. Bis (Chloromethyl) Ether (542-88-1)	☐	☐	☒	<10.0						1	ug/l	lbs/day			
5V. Bromoform (75-25-2)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
7V. Chlorobenzene (108-90-7)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
8V. Chlorodibromomethane (124-48-1)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
9V. Chloroethane (75-00-3)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
10V. 2-Chloroethylvinyl Ether (110-75-8)	☐	☐	☒	<10.0						1	ug/l	lbs/day			
11V. Chloroform (67-66-3)	☐	☐	☒	1.37						1	ug/l	lbs/day			
12V. Dichlorobromoethane (75-27-4)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
13V. Dichlorodifluoromethane (75-71-8)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
14V. 1,1-Dichloroethane (75-27-3)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
15V. 1,2-Dichloroethane (107-06-2)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
16V. 1,1-Dichloroethylene (7535-4)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
17V. 1,2-Dichloropropane (78-87-5)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
18V. 1,3-Dichloropropylene (542-75-6)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
19V. Ethylbenzene (100-41-4)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
20V. Methyl Bromide (74-83-9)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
21V. Methyl Chloride (74-87-3)	☐	☐	☒	<1.00						1	ug/l	lbs/day			

 CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	003

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - VOLATILE COMPOUNDS *(continued)*															
22 V. Methylene Chloride (75-09-2)	☐	☐	☒	<5.00						1	ug/l	lbs/day			
23V. 1,1,2,2-Tetra-Chloroethane (79-34-5)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
24V. Tetrachloro-ethylene (127-18-4)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
25V. Toluene (108-88-3)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
27V. 1,1,1-Tri-chloroethane (71-55-6)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
28V. 1,1,2-Tri-chloroethane (79-00-5)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
29V. Trichloro-ethylene (79-01-6)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
30V. Trichloro-fluoromethane (75-69-4)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	☐	☐	☒	<1.00						1	ug/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
2A. 2,4-Dichloro-phenol (120-83-2)	☐	☐	☒	<9.51						1	ug/l	lbs/day			
3A. 2,4-Dimethyl-phenol (105-67-9)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
4A. 4,6-Dinitro-O-cresol (534-52-1)	☐	☐	☒	<9.51						1	ug/l	lbs/day			
5A. 2,4-Dinitro-phenol (51-28-5)	☐	☐	☒	<9.51						1	ug/l	lbs/day			
6A. 2-Nitro-phenol (88-75-5)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
7A. 4-Ntro-phenol (100-02-7)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
8A. P-Chloro-M-Cresol (59-50-7)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
9A. Penta-chlorophenol (87-86-5)	☐	☐	☒	<9.51						1	ug/l	lbs/day			
10A. Phenol (108-95-2)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
11A. 2,4,6-Tri-chlorophenol (88-06-2)	☐	☐	☒	<4.75						1	ug/l	lbs/day			

 CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE 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															
1B. Acenphthene (83-32-9)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
2B. Acenaphtylene (208-96-8)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
3B. Anthracene (120-12-7)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
4B. Benzidine (92-87-5)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
7B. 3,4-Benzo-fluoranthene (205-99-2)	☐	☐	☒	<9.51						1	ug/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
12B. Bis (2-Chloroisopropyl) Ether (108-60-1	☐	☐	☒	<4.75						1	ug/l	lbs/day			
13B. Bis(2-Ethyl-hexyl) Phthalate (117-81-7)	☐	☐	☒	8.58						1	ug/l	lbs/day			
14 B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
15B Butyl Benzyl Phthalate (85-68-7)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
16B. 2-Chloro-naphthalene (91-58-7)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
18B. Chrysene (218-01-9)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
19B. Dibenzo (a,h) Anthracene (53-70-3)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
20B. 1,2-Dichloro-benzene (95-50-1)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
21B. 1,3-Dichloro-benzene (541-73-1)	☐	☐	☒	<4.75						1	ug/l	lbs/day			

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CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
WAD057068561	003

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4 *if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
23B. 3,3'-Dichlorobenzidine (91-94-1)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
27B. 2,4-Dinitrotoluene (121-14-2)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
28B. 2,6-Dinitrotoluene (606-20-2)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
31B. Fluoranthene (206-44-0)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
32B. Fluorene (86-73-7)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
33B. Hexachlorobenzene (118-74-1)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
34B. Hexachlorobutadiene (87-68-3)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
35B. Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
36B. Hexachloroethane (67-72-1)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
38B. Isophorone (78-59-1)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
39B. Napthalene (91-20-3)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
40B. Nitrobenzene (98-95-3)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
41B. N-Nitrosodimethylamine (62-75-9)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
42B. N-Nitrosdi-N-Propylamine (621-64-7)	☐	☐	☒	<4.75						1	ug/l	lbs/day			

 CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			2. EFFLUENT							3. UNITS *(specify if blank)*		4. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE 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)*															
43B. N-Nitrosodiphenylamine (86-30-6)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
44B. Phenanthrene (85-01-/	☐	☐	☒	<4.75						1	ug/l	lbs/day			
45B. Pyrene (129-00-0)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
46B. 1,2,4-Trichlorobenzene (120-82-1)	☐	☐	☒	<4.75						1	ug/l	lbs/day			
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
2P. α-BHC (319-84-6	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
3P. β-Bhc (319-85-7)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
4P. γ-BHC (58-89-9)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
5P. δ-BHC (319-86-8)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
6P. Chlordane (57-74-9)	☐	☐	☒	<0.190						1	ug/l	lbs/day			
7P. 4,4'-DDT (50-29-3)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
8P. 4,4'-DDE (72-55-9)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
9P. 4,4'-DDD (72-54-8)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
10P. Dieldrin (60-57-1)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
11P. α-Endo-sulfan (115-29-7)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
12P. β-Endo-sulfan (115-29-7	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
13P. Endosulfan Sulfate (1031-07-8)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
14P. Endrin (72-20-8)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
15P. Endrin Aldehyde (7421-93-4)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
16P. Heptachlor (76-44-8)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			

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CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
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1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS - PESTICIDES *(continued)*															
17P. Heptachlor Expxide (1024-57-3)	☐	☐	☒	<0.0190						1	ug/l	lbs/day			
18P. PCB-1242 (53469-21-9)	☐	☐	☒	<0.0380						1	ug/l	lbs/day			
19P. PCB-1254 (11097-69-1)	☐	☐	☒	<0.0380						1	ug/l	lbs/day			
20P. PCB-1221 (11104-28-2)	☐	☐	☒	<0.0380						1	ug/l	lbs/day			
21P. PCB-1232 (11141-16-5)	☐	☐	☒	<0.0380						1	ug/l	lbs/day			
22P. PCB-1248 (12672-29-6)	☐	☐	☒	<0.0380						1	ug/l	lbs/day			
23P. PCB-1260 (11096-82-5)	☐	☐	☒	<0.0380						1	ug/l	lbs/day			
24P. PCB-1016 (12674-11-2)	☐	☐	☒	<0.0380						1	ug/l	lbs/day			
25P. Toxa-phene (8001-35-2)	☐	☐	☒	<0.190						1	ug/l	lbs/day			

Please print or type in the unshaded areas	EPA ID Number *(copy from item I of Form 1)* WAD057068561	Form Approved. OMB No. 2040-0086 Approval expires 5-31-92

Form **2F** NPDES

United States Environmental Protection Agency
Washington, DC 20460

Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., SW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location

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

A. Outfall Number *(list)*	B. Latitude			C. Longitude			D. Receiving Water *(name)*
002A	46	8	14.2	123	0	27.7	Columbia River
003	46	8	49.59	123	0	10.57	Cowlitz County CDID ditch #10
005	46	8	49.72	123	0	37.51	Cowlitz County CDID ditch #14
006	46	8	42.02	123	0	55.77	Cowlitz County CDID ditch #14

II. 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 treatment 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.

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls		3. Brief Description of Project	4. Final Compliance Date	
	number	source of discharge		a. req.	b. proj.
Repairs to industrial WWTP	002B and 002A	Leachate from the closed black mud pond and cryolite ditches.	The existing WWTP was damaged by a fire in June 2011. A temporary WWTP will be put in place while the facility is repaired. In the interim leachate is being collected and stored on-site.		10/31/2011 (temp. WWTP)
Administrative Order 8027	002A, 005, 006	Closed black mud pond and surrounding area	Evaluation of stormwater discharges		10/31/2011

B. You may attach additional sheets describing any additional water pollution (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 idicate your actual or planned schedules for construction.

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map Is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage or disposal of significant materials, each existing structure control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each are not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility.

 Continued on Page 2

Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
002A	79 acres	173 acres	003	17 acres	44 acres
005	19 acres	124 acres	006	0 acres	33 acres

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas; and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

The site includes buildings, equipment, and wastewater treatment facilities from a former aluminum smelting operation. Millennium, which assumed operations on January 11, 2011, is engaged in cleaning up the site while continuing to manage bulk materials similar to those that were handled at the aluminum smelter.

Millennium operates the site as a multi-modal bulk materials handling facility with a focus on the import, storage, and export of materials. Over time materials handled at the site related to Alcoa or smelting operations have included but are not necessarily limited to alumina, calcined -coke coal, bath, and coal tar pitch. Future materials may include, but are not limited to, fly ash, sand and gravel, cementitious materials, and sodium hydroxide. The materials are or would be transported to and from the site by ship, barge, train, or truck, and handled at the site using marine vessel loading and unloading equipment, conveyors, and mobile equipment such as front-loaders and trucks. The materials may be either directly transferred to another mode of transportation (e.g., from ship to train or truck) or temporarily stored at the site. No manufacturing or processing of materials is conducted on site.

Today, alumina still arrives on site in marine vessels and is unloaded using a vacuum unloader. The vacuum unloader transfers alumina onto a purpose-built and dedicated conveyor to the transfer tower. The alumina is either transferred into storage silos or transferred to the Central Loading Area, where rail cars are filled with alumina under a covered structure and shipped, via railway, to an aluminum manufacturing plant in Wenatchee, Washington. Structural and operational best management practices (BMPs) are in place to minimize spillage during on-site transfer of alumina and to clean up any spills that have occurred during alumina handling. Structural BMPs include drainage inlet structures, covered conveyors (both top and bottom), covered silos, and an enclosed building that can accommodate railway cars during the transfer of alumina from the silos to the railcars. Operational BMPs include pavement sweeping and wash-down or collection of alumina spillage. Structural controls are continuously evaluated to reduce spillage during material handling. Runoff containing alumina is treated in the Retention Basin and Filter Plant.

Millennium plans to continue the storage and handling of coal at the site for the adjacent pulp and paper mill owned by Weyerhaeuser Company. The coal arrives on site via railway and is shipped off site by trucking to the Weyerhaeuser facility. The coal was formerly stored in an outside flat storage area that includes a containment berm and a runoff collection system, but it is now stored in covered silos. Structural and operational BMPs are in place to minimize the amount of spillage during on-site transfer of coal and to clean up any spillage that has occurred during coal handling. Approximately 100,000 metric tons dry weight of petroleum coke (pet-coke) is stockpiled on a containment pad at the site. The bulk of the pet-coke is owned by ConocoPhillips Billings Refinery (ConocoPhillips) and was brought to the site for export by the former operator, Chinook Ventures, Inc. (CVI). Handling of pet-coke at the site was terminated following the receipt of Washington State Department of Ecology's (Ecology) Administrative Order No. 7392 dated February 26, 2010, and the Cowlitz County Stop Work Order dated February 23, 2010. Following Millennium's operations at the site, pet-coke has been managed in a zero discharge manner until it is removed from the site. Runoff from the stockpiles is isolated, collected, and transported to an off-site disposal facility. Millennium does not plan to handle pet-coke once the current stockpile is removed from the facility.

In June 2007, Ecology issued an Agreed Order (No. DE4263) requiring the completion of a Remedial Investigation and Feasibility Study (RI/FS) at the site. At that time, signatories to the Agreed Order included the landowner, Northwest Alloys, Inc. (NWA), and CVI, which leased the land from NWA and owned and operated the site. RI/FS data collection and reporting activities were completed during 2007, consistent with the Ecology-approved Work Plan. The RI/FS reports were submitted to Ecology in 2007. During 2011, Ecology requested that supplemental

 Continued on Page 3

investigations be performed prior to finalizing the RI/FS documents for the site. Supplemental study activities include investigation of potential impacts to shallow soil, groundwater, and surface water from CVI's activities on the site, including but not limited to black mud disposal, thin stillage applications, and pet coke storage. The primary contaminants of concern for the supplemental remedial activities (fluoride, cyanide, total petroleum hydrocarbon [TPH], and polycyclic aromatic hydrocarbon [PAH]) are associated with historical operations at the site. As such, they have generally been included in NPDES permits and permit-required monitoring at the site.

Millennium contemplates seeking approvals for the future construction of new dock(s) in the berthing areas adjacent to the existing facility dock to facilitate the transshipment of bulk commodities, including coal exports. No coal exports will occur on the existing dock. Millennium will submit an NPDES permit modification application to the Department of Ecology before using the site for the marine import or export of coal.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
002A	Facility 73 (Wastewater flows and treatment are addressed in Form 2C)	1-Q, 1-U, 4-A, 5-Q
003	Vegetated ditches (Wastewater flows are addressed in Form 2C)	4-A, 1-U
005	Vegetated ditches, sediment weirs	4-A, 1-U
006	Managed vegetative cover and filtration in upper layers of cap	4-A, 1-U

V. Non Stormwater Discharges

A. I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharges from these outfall(s) are identified in either an accompanying Form 2C or Form 2E application for the outfall.

Name of Official Title *(type or print)*	Signature	Date Signed
Kristin Gaines, Manager Environment		8/31/2011

B. provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

Outfalls 001, 002A, 002B and 003 are currently sampled per the most recent permit modification. The results reported in this application include data from on-going permit-required sampling (conducted between July 2010 and June 2011) and additional data from sampling conducted at Outfalls 001, 002A, 002B 003 , 005 and 006 in June 2011. The results of the June 2011 sampling event are summarized in Table 1, included as an attachment.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

The following releases occurred in 2010 under the previous site operator.

Administrative Order 7392 was issued on February 26, 2010 in response to a release of pet-coke to the Columbia River on February 2, 2010. The amount of material released was estimated to be between 25 and 50 cubic yards.

During high flow storm events in 2010 runoff from the pet coke storage area was inadvertently released when the volume exceeded the capacity of the surrounding berm. Ecology was notified of the discharges at the time of the events.

Continued on Page 3

Outfall 002A

Continued from Page 2

EPA ID Number *(copy from Item I of Form 1)*
WAD057068561

VII. Discharge Information

A,B,C, & D: See instruction before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided. Tables Vii-A, VII-B, and VII-C are included on separate sheets numbered VII-1 and VII-2.

E. Potential discharges not covered by analysis - is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, 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 Section IX)*

VIII. Biological Toxicity Testing Data

Do you have any knowledge 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 *(list all such pollutants below)* ☐ No *(go to Section IX)*

Administrative order NO. DE 90-I057 (first amendment – January 1992) modified the existing 1990 NPDES permit WA-000008-6 required the quarterly and semiannual toxicity testing at Outfall 002A.

- Quarterly acute toxicity testing is performed using Daphnia (Daphnia pulex) at effluent concentrations of 100% effluent for 48 hours.
- Semi-annual acute toxicity testing is performed using Rainbow Trout (Oncorhynchus mykiss) at effluent concentration of 100% effluent for 96 hours.

IX. Contact analysis Information

Were any of the analysis reported in item VII performed by a contact 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 X)*

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
Specialty Analytical	11711 SE Capps Rd Clackamas, OR 97015	503-607-1331	All pollutants listed in Section VII sampled after January 2011, except for pH and chlorine which are analyzed on-site.
Test America	9405 SW Nimbus Avenue Beaverton, OR 97008	(503) 906-9200	BOD, TSS, residual chlorine, oil & grease, fluoride, cyanide, aluminum, antimony, nickel prior to January 2011.

X. 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.

A. Name & Official Title *(type or print)*	B. Area Code and Phone No.
Kristin Gaines, Manager Environment	360-425-2800
C. Signature	D. Date Signed
Kristin	8/31/2011

EPA ID Number *(copy from Item I of Form 1)*
WAD057068561

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge Information *(Continued from page 3 of Form 2F)*

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.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled[2]	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Oil & Grease	9.12 mg/l	N/A	3.44 mg/l	N/A	51	
Biological Oxygen Demand (BOD5)		<2.00 mg/l			1	
Chemical Oxygen Demand (COD)		17.0 mg/l			1	
Total Suspended Solids (TSS)		78 mg/l		8.89 mg/l	101	
Total Organic Nitrogen		0.425 mg/l			1	
Total Phosphorus		0.306 mg/l			1	
pH	Minimum 7.14	Maximum 8.45	Minimum	Maximum	Continuous	

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled[2]	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Chlorine, Total Residual	0.05 mg/l	N/A			1	
Fecal Coliform	20 MPN/100ml	N/A			1	
Fluoride, Total (16984-48-8)		19.7 mg/l		6.3 mg/l	101	
Aluminum, Total (7429-90-5)		6.47 mg/l		0.832 mg/l	101	
Antimony, Total (7440-36-0)		0.001 mg/l		0.0008 mg/l	52	
Nickel, Total (7440-02-0)		0.0241 mg/l		0.0056 mg/l	52	
Cyanide, Total (57-12-5)		0.132 mg/l		0.0395 mg/l	51	
Benzo(a)pyrene (50-32-8)		<4.77 ug/l			1	
Cyanide, WAD		0.00410 mg/l			1	

Notes:

1. Composite samples were not flow-weighted. They are time-weighted composite samples.
2. The number of sample events is reported in this column. Not all samples were collected during a storm event.

 Continue on Reverse

Outfall 002A

Continued from the Front

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled[2]	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Arsenic		5.53 ug/l			1	
Barium		18.0 ug/l			1	
Boron		0.028 mg/l			1	
Chromium		0.184 ug/l			1	
Copper		2.610 ug/l			1	
Iron		1320 ug/l			1	
Lead		0.146 ug/l			1	
Magnesium		12.4 mg/l			1	
Manganese		0.369 mg/l			1	
Molybdenum		2.24 ug/l			1	
Nickel		1.04 ug/l			1	
Zinc		6.16 ug/l			1	
Chloroform		1.11 ug/l			1	
Methylene Chloride		9.04 ug/l			1	
Sulfate		3.36 mg/l			1	
Color		>70 mg/l			1	
Total Nitrogen (Kjhedldahl)		0.425 mg/l			1	
Total Organic Carbon (TOC)		5.32 mg/l			1	

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Total flow from rain event *(gallons or specify units)*

Outfalls 002A and 003 discharge combined stormwater and wastewater. These outfalls are also included on Form 2C. Sampling at these outfalls did not necessarily occur during a storm event.

7. Provide a description of the method of flow measurement or estimate.
Flow is continuously recorded.

Notes:

1. Composite samples were not flow-weighted. They are time-weighted composite samples.
2. The number of sample events is reported in this column. Not all samples were collected during a storm event.

Outfall 003

EPA ID Number *(copy from Item I of Form 1)*
WAD057068561

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge Information *(Continued from page 3 of Form 2F)*

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.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled[2]	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Oil & Grease	5.26 mg/l	N/A	3.37 mg/l	N/A	5	
Biological Oxygen Demand (BOD5)		<2.00 mg/l			1	
Chemical Oxygen Demand (COD)		<10.0 mg/l			1	
Total Suspended Solids (TSS)		<5.00 mg/l			1	
Total Organic Nitrogen		0.332 mg/l			1	
Total Phosphorus		0.304 mg/l			1	
pH	Minimum 7.20	Maximum 7.70	Minimum	Maximum	5	

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled[2]	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Chlorine, Total Residual	0.35 mg/l				1	
Fecal Coliform	<2.00 MPN/100ml				1	
Fluoride, Total (16984-48-8)	1.50 mg/l	<0.50 mg/l	0.93 mg/l		6	
Aluminum, Total (7429-90-5)		86.8 ug/l			1	
Antimony, Total (7440-36-0)		<0.500 ug/l			1	
Nickel, Total (7440-02-0)		1.83 ug/l			1	
Cyanide, Total (57-12-5)		<0.0100 mg/l			1	
Benzo(a)pyrene (50-32-8)		< 4.75 ug/l			1	
Cyanide, WAD		<0.0026 mg/l			1	

Notes:

1. Composite samples were not flow-weighted. They are time-weighted composite samples.
2. The number of sample events is reported in this column. Not all samples were collected during a storm event.

 Continue on Reverse

Continued from the Front

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled[2]	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Arsenic		5.10 ug/l			1	
Barium		10.6 ug/l			1	
Boron		0.021 mg/l			1	
Chromium		0.191 ug/l			1	
Copper		5.020 ug/l			1	
Iron		0.496 mg/l			1	
Lead		0.156 ug/l			1	
Magnesium		131 mg/l			1	
Manganese		0.502 mg/l			1	
Molybdenum		2.35 ug/l			1	
Titanium		24 ug/l			1	
Zinc		62.2 ug/l			1	
Bis(2-ethylhexyl) phthalate		8.58 ug/l			1	
Chloroform		1.37 ug/l			1	
Color		6.0 mg/l			1	

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Total flow from rain event *(gallons or specify units)*

Outfalls 002A and 003 discharge combined stormwater and wastewater. These outfalls are also included on Form 2C. Sampling at these outfalls did not necessarily occur during a storm event.

7. Provide a description of the method of flow measurement or estimate.

Notes:

1. Composite samples were not flow-weighted. They are time-weighted composite samples.
2. The number of sample events is reported in this column. Not all samples were collected during a storm event.

Outfall 005

EPA ID Number *(copy from Item I of Form 1)*
WAD057068561

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge Information *(Continued from page 3 of Form 2F)*

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.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Oil & Grease	<4.85 mg/l	N/A	<4.85 mg/l	N/A	2	
Biological Oxygen Demand (BOD5)	11.0 mg/l	10.5 mg/l		7.56 mg/l	3	
Chemical Oxygen Demand (COD)	92.6 mg/l	71.3 mg/l		64.9 mg/l	3	
Total Suspended Solids (TSS)	39.0 mg/l	102 mg/l		83.5 mg/l	3	
Total Organic Nitrogen	2.62 mg/l	1.66 mg/l		1.29 mg/l	3	
Total Phosphorus	0.595 mg/l	0.429 mg/l		0.341 mg/l	3	
pH	Minimum 6.99	Maximum 7.24	Minimum	Maximum	2	

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Chlorine, Total Residual	<0.05 mg/l		<0.05 mg/l		2	
Fecal Coliform	<2.00 MPN/100ml	25.0 MPN/100ml	<2.00 MPN/100ml		3	
Fluoride, Total (16984-48-8)	5.71 mg/l	5.01 mg/l		4.81 mg/l	3	
Aluminum, Total (7429-90-5)	307 ug/l	339 ug/l		324.5 ug/l	3	
Antimony, Total (7440-36-0)	1.40 ug/l	0.500 ug/l		0.500 ug/l	3	
Nickel, Total (7440-02-0)	8.07 ug/l	6.90 ug/l		3.89 ug/l	3	
Cyanide, Total (57-12-5)	0.0174 mg/l	0.0164 mg/l		0.0132 mg/l	3	
Benzo(a)pyrene (50-32-8)	<4.75 ug/l	<4.78 ug/l		<4.77 ug/l	3	
Cyanide, WAD	<0.01 mg/l	0.0028 mg/l		0.0064 mg/l	3	

Notes:

1. Composite samples were not flow-weighted. They are time-weighted composite samples.

 Continue on Reverse

Continued from the Front

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Arsenic	5.0 ug/l	10 ug/l		7.06 ug/l	3	
Barium	45.7 ug/l	34.2 ug/l		33.8 ug/l	3	
Boron	0.022 mg/l	0.033 mg/l		0.027 mg/l	3	
Chromium	1.56 ug/l	0.709 ug/l		0.556 ug/l	3	
Cobalt	6.51 ug/l	6.93 ug/l		3.715 ug/l	3	
Copper	3.26 ug/l	2.26 ug/l		1.725 ug/l	3	
Iron	18.3 mg/l	18.0 mg/l		10.175 mg/l	3	
Lead	0.468 ug/l	0.423 ug/l		0.2615 ug/l	3	
Magnesium	17.4 mg/l	17.3 mg/l		17.3 mg/l	3	
Molybdenum	6.98 ug/l	6.41 ug/l		4.025 ug/l	3	
Titanium	0.007 mg/l	0.054 mg/l		0.0295 mg/l	3	
Zinc	11.4 ug/l	6.54 ug/l		4.57 ug/l	3	
Bis(2-ethylhexyl) phthalate	<4.75 ug/l	60.7 ug/l		32.73 ug/l	3	
Total Nitrogen (Kjhedldahl)	2.62 mg/l	1.66 mg/l		1.286 mg/l	3	
Color	>70 mg/l	>70 mg/l		52.5 mg/l	3	

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Total flow from rain event *(gallons or specify units)*
6/17/11	n/a	0.0 inches	n/a	Negligible
6/18/11	135 minutes	0.15 inches	1.33 hours	17,867 gal (12.41 gpm)
6/19/11	240 minutes	0.10 inches	1 hour	6,261 gal (837 gpm)

7. Provide a description of the method of flow measurement or estimate.

SBUH analysis was used to estimate runoff using precipitation measured that day along with basin information.

Notes:

1. Composite samples were not flow-weighted. They are time-weighted composite samples.

Outfall 006

EPA ID Number *(copy from Item I of Form 1)*
WAD057068561

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VII. Discharge Information *(Continued from page 3 of Form 2F)*

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.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Oil & Grease	<4.90 mg/l	N/A			1	
Biological Oxygen Demand (BOD5)	<8.0 mg/l	3.11 mg/l			2	
Chemical Oxygen Demand (COD)	32.0 mg/l	25.7 mg/l			2	
Total Suspended Solids (TSS)	5.00 mg/l	16.0 mg/l			2	
Total Organic Nitrogen	1.37 mg/l	1.11 mg/l			2	
Total Phosphorus	1.37 mg/l	1.14 mg/l			2	
pH	Minimum 6.41	Maximum	Minimum	Maximum	1	

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Chlorine, Total Residual	<0.05 mg/l				1	
Fecal Coliform	<2.00 MPN/100ml	<2.00 MPN/100ml			2	
Fluoride, Total (16984-48-8)	<0.500 mg/l	<0.500 mg/l			2	
Aluminum, Total (7429-90-5)	371 ug/l	50.9 ug/l			2	
Antimony, Total (7440-36-0)	<0.500 ug/l	<0.500 ug/l			2	
Nickel, Total (7440-02-0)	6.75 ug/l	12.40 ug/l			2	
Cyanide, Total (57-12-5)	<0.0100 mg/l	<0.0100 mg/l			2	
Benzo(a)pyrene (50-32-8)	<4.78 ug/l	<4.78 ug/l			2	
Cyanide, WAD	<0.0100 mg/l	<0.0100 mg/l			2	

Notes:

1. Composite samples were not flow-weighted. They are time-weighted composite samples.

Outfall 006

Continued from the Front

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite[1]		
Arsenic	6.36 ug/l	10.90 ug/l			2	
Barium	35.3 ug/l	42.3 ug/l			2	
Chromium	0.728 ug/l	0.295 ug/l			2	
Cobalt	6.75 ug/l	23.00 ug/l			2	
Copper	1.30 ug/l	4.74 ug/l			2	
Iron	15.7 mg/l	13.7 mg/l			2	
Magnesium	6.090 mg/l	5.60 mg/l			2	
Manganese	1.710 mg/l	1.780 mg/l			2	
Molybdenum	6.17 ug/l	<0.500 ug/l			2	
Titanium	0.007 mg/l	<0.005 mg/l			2	
Zinc	2.48 ug/l	10.0 ug/l			2	
Sulfate	7.41 mg/l	5.83 mg/l			2	
Total Nitrogen (Kjhedldahl)	1.37 mg/l	1.11 mg/l			2	

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

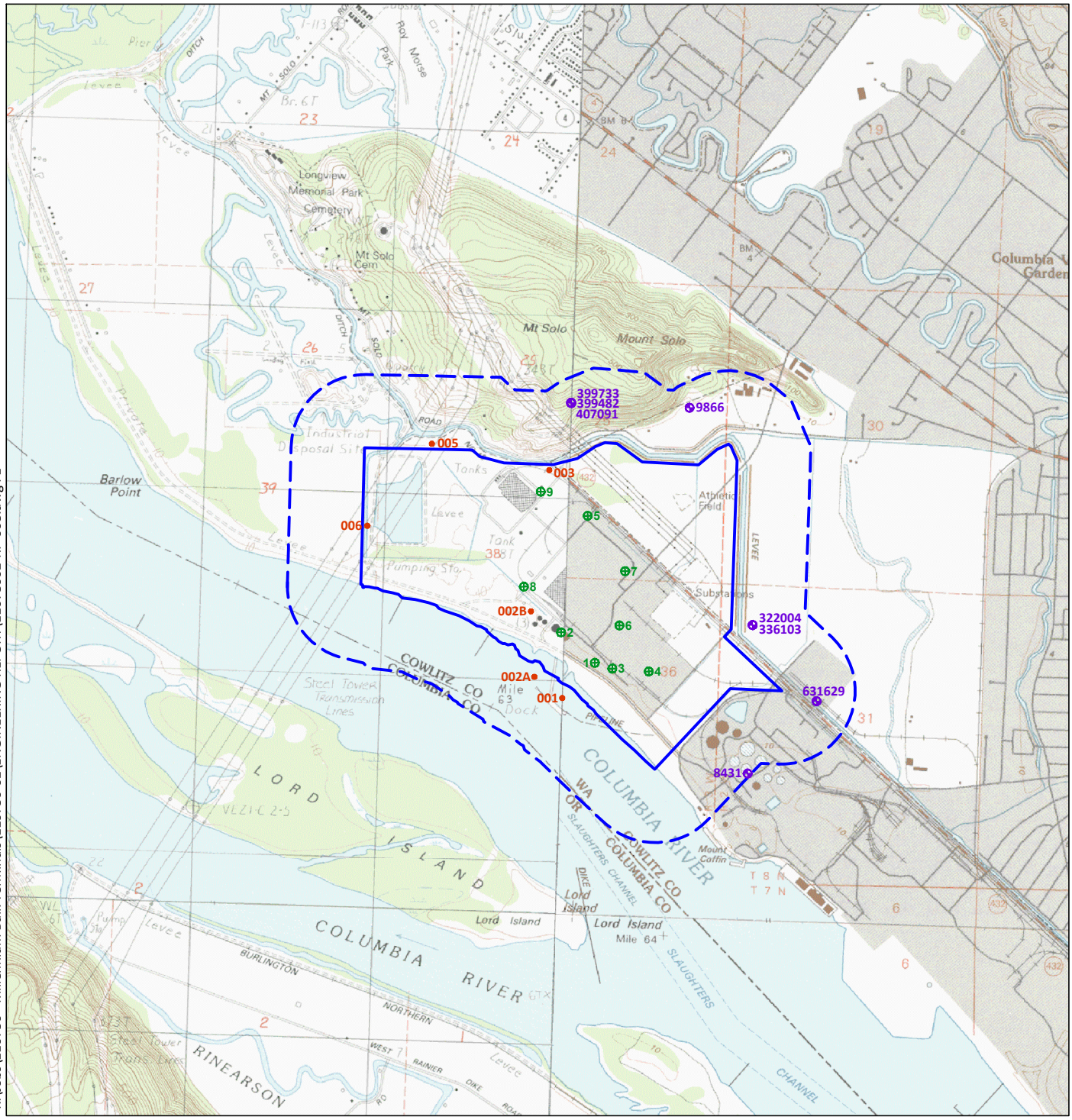
1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Total flow from rain event *(gallons or specify units)*
6/18/11	135 minutes	0.15 inches	1.33 hours	3.2 gallons
6/19/11	240 minutes	0.10 inches	1 hour	3.2 gallons

7. Provide a description of the method of flow measurement or estimate.

SBUH analysis was used to estimate runoff using precipitation measured that day along with basin information.

Notes:

1. Composite samples were not flow-weighted. They are time-weighted composite samples.



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LEGEND:

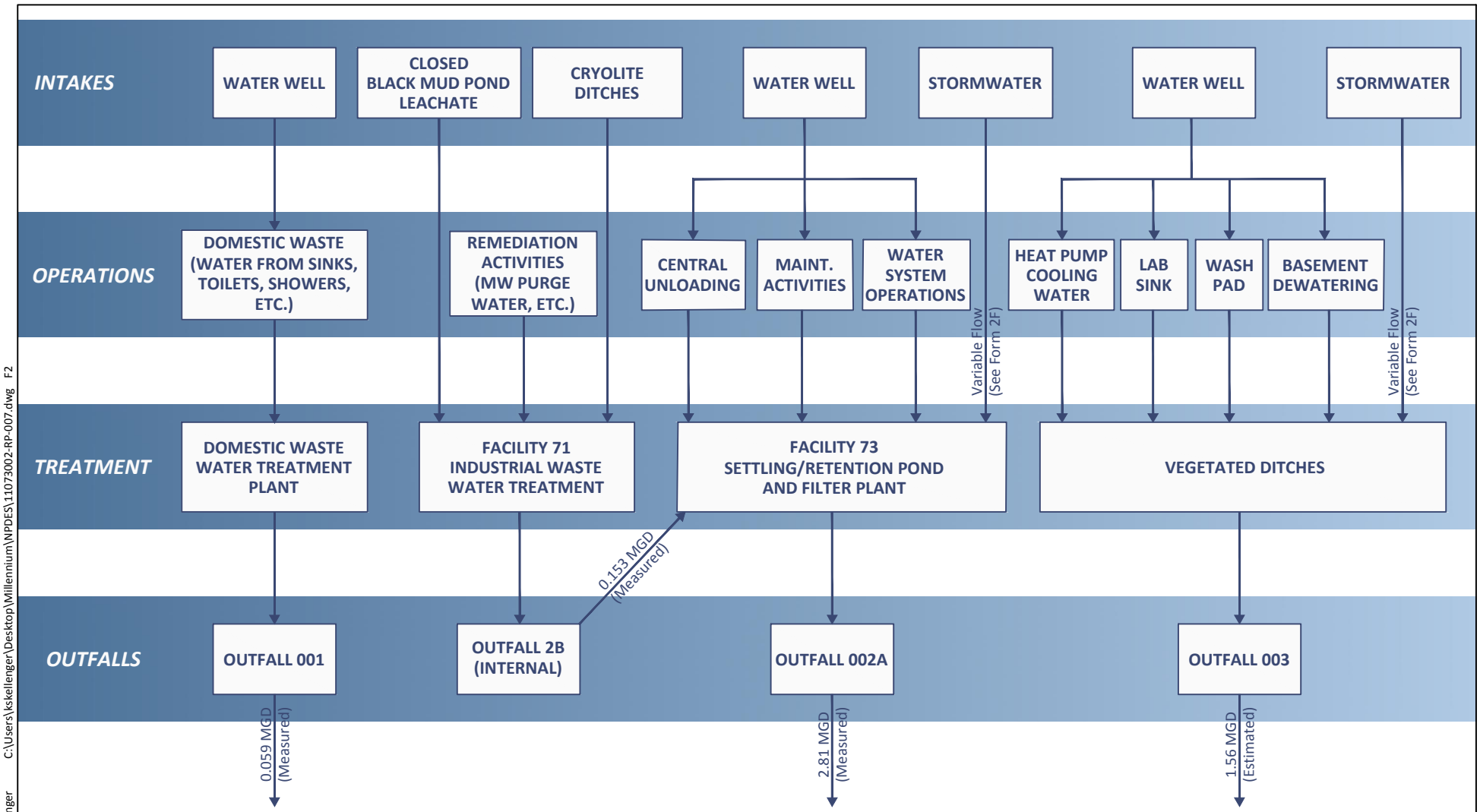
- Site
- 0.25 Mile (1320 feet) from Site
- 003 Outfall Location
- 8431 Water Well (DOE Tracking Number) DOE Water Resources Program GIS Data
- 1 On-Site Water Well

0 1/2
Scale in Miles

IMAGES: USGS 7.5-minute quadrangles of Rainier, Coal Creek, Kelso, and Delena. Washington State South, NAD83.

ANCHOR QEA

Figure 1
USGS Topographic Map
Millennium Bulk Terminals - Longview



NOTES:
1. "Measured" flows are averages based on flow meter data collected between January 2006 - June 2011. All other flows are estimates.
2. Stormwater flows are addressed on Form 2F.
3. MGD = Million gallons per day.
4. MW = Monitoring Well
5. Maintenance activities include dust suppression, road washing, steam cleaning, etc.
6. Groundwater infiltrates into the collection systems for all outfalls.

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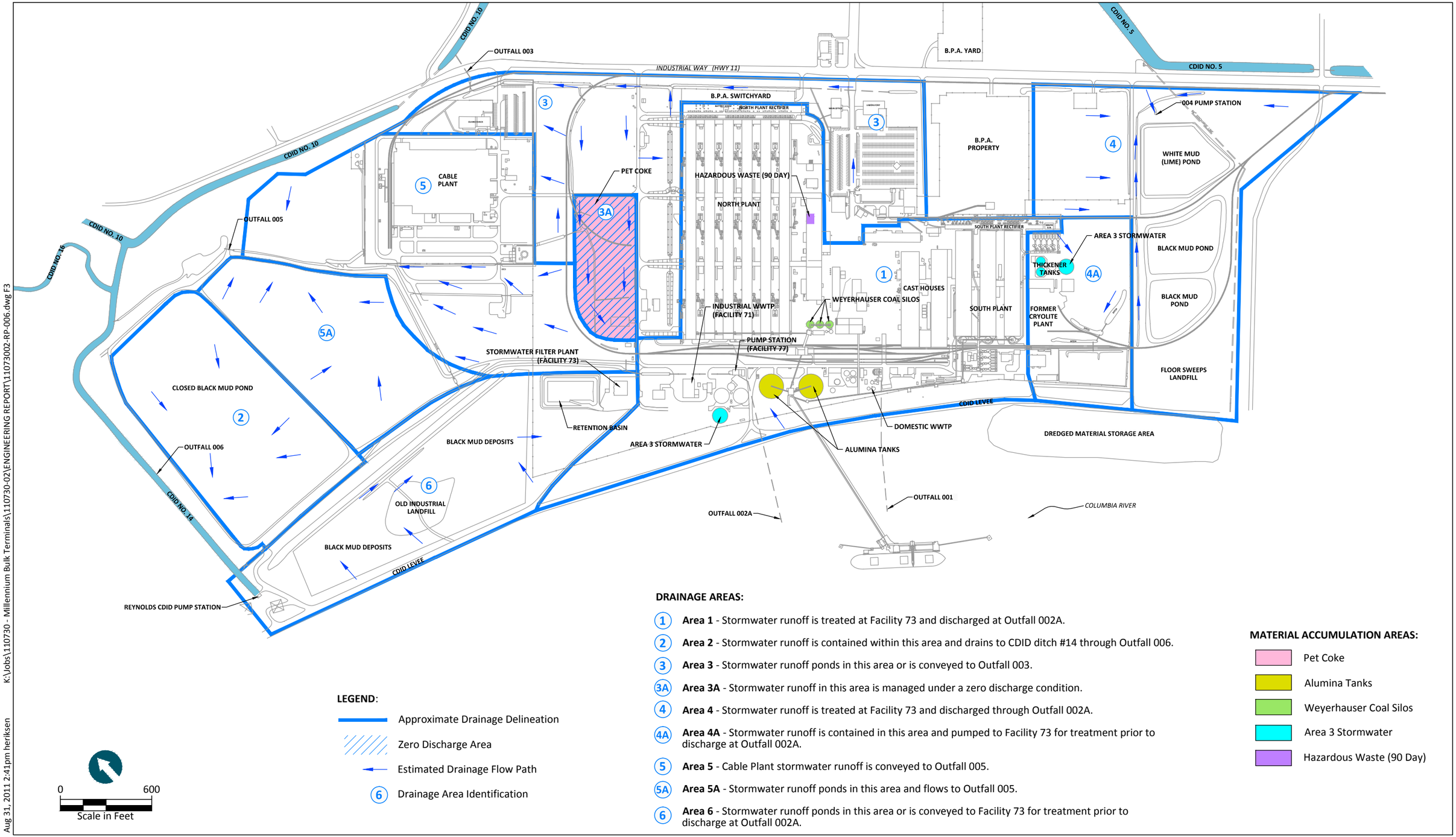
Figure 2
Process Water Flow Schematic - Current Operations
Millennium Bulk Terminals - Longview



LEGEND:

- Approximate Drainage Delineation
- Zero Discharge Area
- Estimated Drainage Flow Path
- (6) Drainage Area Identification

DRAINAGE AREAS:

(1) **Area 1** - Stormwater runoff is treated at Facility 73 and discharged at Outfall 002A.

(2) **Area 2** - Stormwater runoff is contained within this area and drains to CDID ditch #14 through Outfall 006.

(3) **Area 3** - Stormwater runoff ponds in this area or is conveyed to Outfall 003.

(3A) **Area 3A** - Stormwater runoff in this area is managed under a zero discharge condition.

(4) **Area 4** - Stormwater runoff is treated at Facility 73 and discharged through Outfall 002A.

(4A) **Area 4A** - Stormwater runoff is contained in this area and pumped to Facility 73 for treatment prior to discharge at Outfall 002A.

(5) **Area 5** - Cable Plant stormwater runoff is conveyed to Outfall 005.

(5A) **Area 5A** - Stormwater runoff ponds in this area and flows to Outfall 005.

(6) **Area 6** - Stormwater runoff ponds in this area or is conveyed to Facility 73 for treatment prior to discharge at Outfall 002A.

MATERIAL ACCUMULATION AREAS:

- Pet Coke
- Alumina Tanks
- Weyerhauser Coal Silos
- Area 3 Stormwater
- Hazardous Waste (90 Day)

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Figure 3
Stormwater Drainage Areas - Current Operations
Millennium Bulk Terminals - Longview

Table 1
NPDES Sampling Results – June 2011

Outfall:	001S				002A				003				005				005				005			
Sample Date:	6/15/11				6/28/2011				6/17/11				6/17/11				6/18/11				6/19/11			
Flow/Day:		0.0658	MGD			1.12	MGD			0	MGD [1]			0	MGD [1]			0.02	MGD [1]			0.007	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
Metals																								
Aluminum	146	--	0.0801	C	83.6	--	0.7809	C	86.8	--	--	C	339	--	--	C	307	--	--	Grab	310	--	--	C
Antimony	< 0.500	--	< 0.0003	C	< 0.500	--	0.0047	C	< 0.500	--	--	C	< 0.500	--	--	C	1.40	--	--	Grab	< 0.500	--	--	C
Arsenic	4.62	--	0.0025	C	5.53	--	0.0517	C	5.10	--	--	C	10.0	--	--	C	5.0	--	--	Grab	6.23	--	--	C
Barium	16.10	--	0.0088	C	18.0	--	0.1681	C	10.6	--	--	C	33.4	--	--	C	45.7	--	--	Grab	34.2	--	--	C
Beryllium	0.173	--	0.0001	C	< 0.100	--	< 0.0009	C	< 0.100	--	--	C	< 0.100	--	--	C	< 0.100	--	--	Grab	< 0.100	--	--	C
Boron	--	0.035	0.0192	C	--	0.028	0.2615	C	--	0.021	--	C	--	0.033	--	C	--	0.022	--	Grab	--	0.021	--	C
Cadmium	< 0.100	--	< 0.0001	C	< 0.100	--	< 0.0009	C	< 0.100	--	--	C	< 0.100	--	--	C	< 0.100	--	--	Grab	< 0.100	--	--	C
Chromium	0.212	--	0.0001	C	0.184	--	0.0017	C	0.191	--	--	C	0.402	--	--	C	1.56	--	--	Grab	0.709	--	--	C
Cobalt	0.641	--	0.0004	C	< 0.500	--	< 0.0047	C	< 0.500	--	--	C	< 0.500	--	--	C	6.51	--	--	Grab	6.93	--	--	C
Copper	3.300	--	0.0018	C	2.610	--	0.0244	C	5.020	--	--	C	2.26	--	--	C	3.26	--	--	Grab	1.19	--	--	C
Iron	4440	--	2.4365	C	1320	--	12.3299	C	496	--	--	C	2350	--	--	C	18300	--	--	Grab	18000	--	--	C
Lead	0.731	--	0.0004	C	0.146	--	0.0014	C	0.156	--	--	C	0.423	--	--	C	0.468	--	--	Grab	< 0.100	--	--	C
Magnesium	15400	--	8.4511	C	12400	--	115.8259	C	13100	--	--	C	17300	--	--	C	17400	--	--	Grab	17300	--	--	C
Manganese	433	--	0.2376	C	369	--	3.4468	C	502	--	--	C	16300	--	--	C	17300	--	--	Grab	17700	--	--	C
Molybdenum	2.65	--	0.0015	C	2.24	--	0.0209	C	2.35	--	--	C	1.64	--	--	C	6.98	--	--	Grab	6.41	--	--	C
Mercury	--	< 0.0001	< 0.0001	C	--	< 0.0001	< 0.0009	C	--	< 0.0001	--	C	--	< 0.0001	--	C	--	< 0.0001	--	Grab	--	< 0.0001	--	C
Nickel	1.12	--	0.0006	C	1.04	--	0.0097	C	1.83	--	--	C	0.873	--	--	C	8.07	--	--	Grab	6.900	--	--	C
Selenium	< 1.000	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.000	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Silver	< 0.100	--	< 0.0001	C	< 0.100	--	< 0.0009	C	< 0.100	--	--	C	< 0.100	--	--	C	< 0.100	--	--	Grab	< 0.100	--	--	C
Thallium	< 0.500	--	< 0.0003	C	< 0.500	--	< 0.0047	C	< 0.500	--	--	C	< 0.500	--	--	C	< 0.500	--	--	Grab	< 0.500	--	--	C
Tin	--	< 0.02	< 0.0110	C	--	< 0.02	< 0.1868	C	--	< 0.20	--	C	--	< 0.020	--	C	--	< 0.020	--	Grab	--	< 0.020	--	C
Titanium	--	< 0.005	< 0.0027	C	--	< 0.005	< 0.0467	C	--	0.024	--	C	--	0.054	--	C	--	0.007	--	Grab	--	< 0.005	--	C
Zinc	12.4	--	0.0068	C	6.16	--	0.0575	C	62.2	--	--	C	6.54	--	--	C	11.4	--	--	Grab	2.60	--	--	C
Base/Neutrals/Acids																								
1,2,4-Trichlorobenzene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
1,2-Dichlorobenzene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
1,2-Diphenylhydrazine	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
1,3-Dichlorobenzene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
1,4-Dichlorobenzene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
2,4,6-Trichlorophenol	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
2,4-Dichlorophenol	< 9.51	--	< 0.0052	C	< 9.54	--	< 0.0891	C	< 9.51	--	--	C	< 9.51	--	--	C	< 9.51	--	--	Grab	< 9.56	--	--	C
2,4-Dimethylphenol	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
2,4-Dinitrophenol	< 9.51	--	< 0.0052	C	< 9.54	--	< 0.0891	C	< 9.51	--	--	C	< 9.51	--	--	C	< 9.51	--	--	Grab	< 9.56	--	--	C
2,4-Dinitrotoluene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
2,6-Dinitrotoluene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
2-Chloronaphthalene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
2-Chlorophenol	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
2-Nitrophenol	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
3,3´-Dichlorobenzidine	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
3,4-Benzofluoranthene	< 9.51	--	< 0.0052	C	< 9.54	--	< 0.0891	C	< 9.51	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
4,6-Dinitro-2-methylphenol (4,6-Dinitro-O-cresol)	< 9.51	--	< 0.0052	C	< 9.54	--	< 0.0891	C	< 9.51	--	--	C	< 9.51	--	--	C	< 9.51	--	--	Grab	< 9.56	--	--	C
4-Bromophenyl phenyl ether	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
4-Chloro-3-methylphenol	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C

Table 1
NPDES Sampling Results – June 2011

Outfall:	001S				002A				003				005				005				005			
Sample Date:	6/15/11				6/28/2011				6/17/11				6/17/11				6/18/11				6/19/11			
Flow/Day:		0.0658	MGD			1.12	MGD			0	MGD [1]			0	MGD [1]			0.02	MGD [1]			0.007	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
Base/Neutrals/Acids (continued)																								
4-Chlorophenyl phenyl ether	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
4-Nitrophenol	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Acenaphthene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Acenaphthylene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Aniline	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Anthracene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Benz(a)anthracene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Benzidine	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Benzo(a)pyrene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Benzo(b)fluoranthene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Benzo(g,h,i)perylene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Benzo(k)fluoranthene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Benzoic Acid	< 19.0	--	< 0.0104	C	< 19.1	--	< 0.1784	C	< 19.0	--	--	C	< 19.0	--	--	C	< 19.0	--	--	Grab	< 19.1	--	--	C
Bis(2-chloroethoxy)methane	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Bis(2-chloroethyl)ether	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Bis(2-chloroisopropyl)ether	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Bis(2-ethylhexyl)phthalate	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	8.58	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	60.7	--	--	C
Butyl benzyl phthalate	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Carbazole	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Chrysene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Di-n-butyl phthalate	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Di-n-octyl phthalate	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Dibenz(a,h)anthracene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Diethyl phthalate	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Dimethyl phthalate	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Fluoranthene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Fluorene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Hexachlorobenzene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Hexachlorobutadiene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Hexachlorocyclopentadiene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Hexachloroethane	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Indeno(1,2,3-cd)pyrene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Isophorone	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
N-Nitrosodi-n-propylamine	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
N-Nitrosodimethylamine	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
N-Nitrosodiphenylamine	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Naphthalene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Nitrobenzene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
o-Cresol	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
p-Cresol	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Pentachlorophenol	< 9.51	--	< 0.0052	C	< 9.54	--	< 0.0891	C	< 9.51	--	--	C	< 9.51	--	--	C	< 9.51	--	--	Grab	< 9.56	--	--	C
Phenanthrene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Phenol	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Pyrene	< 4.76	--	< 0.0026	C	< 4.77	--	< 0.0446	C	< 4.75	--	--	C	< 4.76	--	--	C	< 4.75	--	--	Grab	< 4.78	--	--	C
Pyridine	< 9.51	--	< 0.0052	C	< 9.54	--	< 0.0891	C	< 9.51	--	--	C	< 9.51	--	--	C	< 9.51	--	--	Grab	< 9.56	--	--	C

Table 1
NPDES Sampling Results – June 2011

Outfall:	001S				002A				003				005				005				005			
Sample Date:	6/15/11				6/28/2011				6/17/11				6/17/11				6/18/11				6/19/11			
Flow/Day:		0.0658	MGD			1.12	MGD			0	MGD [1]			0	MGD [1]			0.02	MGD [1]			0.007	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
Pesticides/PCBs																								
4,4'-DDD	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
4,4'-DDE	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
4,4'-DDT	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0952	--	--	Grab	< 0.0955	--	--	C
Aldrin	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
a-BHC	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
b-BHC	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
g-BHC	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
d-BHC	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
Aroclor 1016	< 0.0381	--	< 0.00002	C	< 0.0384	--	< 0.0004	C	< 0.0380	--	--	C	< 0.0382	--	--	C	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1221	< 0.0381	--	< 0.00002	C	< 0.0384	--	< 0.0004	C	< 0.0380	--	--	C	< 0.0382	--	--	C	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1232	< 0.0381	--	< 0.00002	C	< 0.0384	--	< 0.0004	C	< 0.0380	--	--	C	< 0.0382	--	--	C	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1242	< 0.0381	--	< 0.00002	C	< 0.0384	--	< 0.0004	C	< 0.0380	--	--	C	< 0.0382	--	--	C	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1248	< 0.0381	--	< 0.00002	C	< 0.0384	--	< 0.0004	C	< 0.0380	--	--	C	< 0.0382	--	--	C	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1254	< 0.0381	--	< 0.00002	C	< 0.0384	--	< 0.0004	C	< 0.0380	--	--	C	< 0.0382	--	--	C	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1260	< 0.0381	--	< 0.00002	C	< 0.0384	--	< 0.0004	C	< 0.0380	--	--	C	< 0.0382	--	--	C	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Chlordane	< 0.190	--	< 0.00010	C	< 0.192	--	< 0.0018	C	< 0.190	--	--	C	< 0.191	--	--	C	< 0.190	--	--	Grab	< 0.191	--	--	C
Dieldrin	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
Endosulfan I	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
Endosulfan II	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
Endosulfan Sulfate	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
Endrin	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0955	--	--	C
Endrin Aldehyde	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
Heptachlor	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0955	--	--	C
Heptachlor Epoxide	< 0.0190	--	< 0.00001	C	< 0.0192	--	< 0.0002	C	< 0.0190	--	--	C	< 0.0191	--	--	C	< 0.0190	--	--	Grab	< 0.0191	--	--	C
Toxaphene	< 0.190	--	< 0.00010	C	< 0.192	--	< 0.0018	C	< 0.190	--	--	C	< 0.191	--	--	C	< 0.190	--	--	Grab	< 0.191	--	--	C
VOCs/Purgeables																								
1,1,1,2-Tetrachloroethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1,1-Trichloroethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1,2,2-Tetrachloroethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1,2-Trichloroethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1-Dichloroethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1-Dichloroethene (1,1-Dichloroethlene)	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2,3-Trichloropropane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2,4-Trichlorobenzene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2-Dibromoethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2-Dichlorobenzene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C

Table 1
NPDES Sampling Results – June 2011

Outfall:	001S				002A				003				005				005				005			
Sample Date:	6/15/11				6/28/2011				6/17/11				6/17/11				6/18/11				6/19/11			
Flow/Day:		0.0658	MGD			1.12	MGD			0	MGD [1]			0	MGD [1]			0.02	MGD [1]			0.007	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
VOCs/Purgeables (continued)																								
1,2-Dichloroethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2-Dichloropropane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,3-Dichlorobenzene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
1,4-Dichlorobenzene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
2-Butanone	< 10.0	--	< 0.0055	C	< 10.0	--	< 0.0934	C	< 10.0	--	--	C	< 10.0	--	--	C	< 10.0	--	--	Grab	< 10.0	--	--	C
2-Chloroethyl vinyl ether	< 10.0	--	< 0.0055	C	< 10.0	--	< 0.0934	C	< 10.0	--	--	C	< 10.0	--	--	C	< 10.0	--	--	Grab	< 10.0	--	--	C
4-Methyl-2-pentanone	< 10.0	--	< 0.0055	C	< 10.0	--	< 0.0934	C	< 10.0	--	--	C	< 10.0	--	--	C	< 10.0	--	--	Grab	< 10.0	--	--	C
Acrolein	< 10.0	--	< 0.0055	C	< 10.0	--	< 0.0934	C	< 10.0	--	--	C	< 10.0	--	--	C	< 10.0	--	--	Grab	< 10.0	--	--	C
Acrylonitrile	< 5.00	--	< 0.0027	C	< 5.00	--	< 0.0467	C	< 5.00	--	--	C	< 5.00	--	--	C	< 5.00	--	--	Grab	< 5.00	--	--	C
Benzene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Bis (Chloromethyl) ether	< 10.00	--	0.0055	C	< 10.00	--	0.0934	C	< 10.00	--	--	C	< 10.00	--	--	C	< 10.00	--	--	C	< 10.00	--	--	C
Bromochloromethane (Dichlorobromoethane)	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Bromodichloromethane (Chlorodibromomethane)	1.49	--	0.0008	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Bromoform	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Bromomethane (Methyl Bromide)	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Carbon tetrachloride	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Chlorobenzene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Chloroethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Chloroform	6.77	--	0.0037	C	1.11	--	0.0104	C	1.37	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Chloromethane (Methyl Chloride)	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
cis-1,2-Dichloroethene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
cis-1,3-Dichloropropene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Dibromochloromethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Dibromomethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Dichlorodifluorometha	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Ethylbenzene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
m,p-Xylene	< 2.00	--	< 0.0011	C	< 2.00	--	< 0.0187	C	< 2.00	--	--	C	< 2.00	--	--	C	< 2.00	--	--	Grab	< 2.00	--	--	C
Methyl tert-butyl ether	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Methylene chloride	< 5.00	--	< 0.0027	C	9.04	--	0.0844	C	< 5.00	--	--	C	< 5.00	--	--	C	< 5.00	--	--	Grab	< 5.00	--	--	C
Naphthalene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
o-Xylene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Styrene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
tert-Butylbenzene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Tetrachloroethene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Toluene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
trans-1,2-Dichloroethene (1,2-Tans-Dichloroethene)	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
trans-1,3-Dichloropropene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Trichloroethene	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Trichlorofluoromethane	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C
Vinyl chloride	< 1.00	--	< 0.0005	C	< 1.00	--	< 0.0093	C	< 1.00	--	--	C	< 1.00	--	--	C	< 1.00	--	--	Grab	< 1.00	--	--	C

Table 1
NPDES Sampling Results – June 2011

Outfall:	001S				002A				003				005				005				005			
Sample Date:	6/15/11				6/28/2011				6/17/11				6/17/11				6/18/11				6/19/11			
Flow/Day:		0.0658	MGD			1.12	MGD			0	MGD [1]			0	MGD [1]			0.02	MGD [1]			0.007	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
Anions by IC																								
Bromide	--	< 0.500	< 0.2744	C	--	< 0.500	< 4.670	C	--	< 0.500	--	C	--	< 0.500	--	C	--	< 0.500	--	Grab	--	< 0.500	--	C
Fluoride	--	12.8	7.0243	C	--	4.37	40.819	C	--	< 0.50	--	C	--	5.01	--	C	--	5.71	--	Grab	--	4.61	--	C
N+N, as N	--	1.46	0.8012	C	--	< 1.00	< 9.341	C	--	< 1.00	--	C	--	4.30	--	C	--	< 1.00	--	Grab	--	< 1.00	--	C
Sulfate	--	4.63	2.5408	C	--	3.36	31.385	C	--	< 0.50	--	C	--	10.8	--	C	--	13.3	--	Grab	--	12.8	--	C
Total Alkalinity	--	245	134.4491	C	--	210	1961.568	C	--	160	--	C	--	245	--	C	--	260	--	Grab	--	270	--	C
Cyanide, WAD	--	< 0.010	< 0.0055	C	--	0.00410	0.038	C	--	< 0.0026	--	C	--	0.00280	--	C	--	< 0.0100	--	Grab	--	< 0.0100	--	C
Total Cyanide	--	0.0467	0.0256	C	--	0.0127	0.119	C	--	< 0.0100	--	C	--	0.0164	--	C	--	0.0174	--	Grab	--	< 0.0100	--	C
COD	--	23.6	12.9510	C	--	17.0	158.794	C	--	< 10.0	--	C	--	58.5	--	C	--	92.6	--	Grab	--	71.3	--	C
Color	--	14.0	--	C	--	>70	--	C	--	6.0	--	C	--	35.0	--	C	--	>70	--	Grab	--	>70	--	C
Surfactants - MBAS	--	< 0.025	< 0.0137	C	--	< 0.100	< 0.934	C	--	< 0.025	--	C	--	< 0.025	--	C	--	< 0.025	--	Grab	--	< 0.025	--	C
Ammonia as N	--	0.145	0.0796	C	--	0.164	1.532	C	--	0.551	--	C	--	0.140	--	C	--	0.790	--	Grab	--	0.564	--	C
Total Phosphorus	--	0.379	0.2080	C	--	0.306	2.858	C	--	0.304	--	C	--	0.252	--	C	--	0.595	--	Grab	--	0.429	--	C
Phenolics, Total Recoverable	--	< 0.05	< 0.0274	C	--	< 0.500	< 4.670	C	--	< 0.05	--	C	--	< 0.0500	--	C	--	0.127	--	Grab	--	0.0536	--	C
Sulfide	--	< 1.00	< 0.5488	C	--	< 1.00	< 9.341	C	--	< 1.00	--	C	--	< 1.00	--	C	--	< 1.00	--	Grab	--	< 1.00	--	C
Sulfite	--	< 3.00	< 1.6463	Grab	--	< 3.00	< 28.022	Grab	--	< 3.00	--	Grab	--	< 3.00	--	Grab	--	< 3.00	--	Grab	--	< 3.00	--	C
TKN	--	0.353	0.1937	C	--	0.425	3.970	C	--	0.332	--	C	--	1.66	--	C	--	2.62	--	Grab	--	0.912	--	C
TOC	--	7.08	3.8853	C	--	5.32	49.693	C	--	2.90	--	C	--	22.5	--	C	--	27.3	--	Grab	--	26.3	--	C
TSS	--	10.0	5.4877	C	--	< 5.0	< 46.704	C	--	< 5.00	--	C	--	102	--	C	--	39.0	--	Grab	--	65.0	--	C
BOD	--	< 2.00	< 1.0975	C	--	< 2.00	< 18.682	C	--	< 2.00	--	C	--	4.62	--	C	--	11.0	--	Grab	--	10.5	--	C
Fecal Coliform	--	< 2.00	--	Grab	--	20.0	--	Grab	--	< 2.00	--	Grab	--	< 2.00	--	Grab	--	< 2.00	--	Grab	--	25.0	--	C
Oil and Grease	--	< 4.80	< 2.6341	Grab	--	5.95	55.578	Grab	--	< 4.80	--	Grab	--	< 4.85	--	Grab	--	< 4.85	--	Grab	--	< 5.25	--	C
Hardess	--	152	83.4133	C	--	132	1232.986	C	--	152	--	C	--	174	--	C	--	174	--	Grab	--	185	--	C
Field Temperature ©	--	13.3 C	--	Grab	--	15.3 C	--	Grab	--	14.2 C	--	Grab	--	12.0 C	--	Grab	--	13.6 C	--	Grab	--	--	--	--
pH (SU)	--	18.3	--	Grab	--	7.84	--	Grab	--	7.70	--	Grab	--	7.24	--	Grab	--	6.99	--	Grab	--	--	--	--
Total Residual Chlorine	--	0.36	0.1976	Grab	--	0.05	0.4670	Grab	--	0.35	--	Grab	--	< 0.05	--	Grab	--	< 0.05	--	Grab	--	--	--	--

Table 1
NPDES Sampling Results – June 2011

Outfall:	006				006			
Sample Date:	6/18/2011				6/19/2011			
Flow/Day:		0	MGD [1]			0	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
Metals								
Aluminum	371	--	--	Grab	50.9	--	--	C
Antimony	< 0.500	--	--	Grab	< 0.500	--	--	C
Arsenic	6.36	--	--	Grab	10.90	--	--	C
Barium	35.3	--	--	Grab	42.3	--	--	C
Beryllium	< 0.100	--	--	Grab	< 0.100	--	--	C
Boron	--	< 0.010	--	Grab	--	< 0.010	--	C
Cadmium	< 0.100	--	--	Grab	< 0.100	--	--	C
Chromium	0.728	--	--	Grab	0.295	--	--	C
Cobalt	6.75	--	--	Grab	23.00	--	--	C
Copper	1.30	--	--	Grab	4.74	--	--	C
Iron	15700	--	--	Grab	13700	--	--	C
Lead	< 0.100	--	--	Grab	< 0.100	--	--	C
Magnesium	6090	--	--	Grab	5600	--	--	C
Manganese	1710	--	--	Grab	1780	--	--	C
Molybdenum	6.17	--	--	Grab	< 0.500	--	--	C
Mercury	--	< 0.0001	--	Grab	--	< 0.0001	--	C
Nickel	6.75	--	--	Grab	12.40	--	--	C
Selenium	< 1.000	--	--	Grab	< 1.000	--	--	C
Silver	< 0.100	--	--	Grab	< 0.100	--	--	C
Thallium	< 0.500	--	--	Grab	< 0.500	--	--	C
Tin	--	< 0.02	--	Grab	--	< 0.02	--	C
Titanium	--	0.007	--	Grab	--	< 0.005	--	C
Zinc	2.48	--	--	Grab	10.0	--	--	C
Base/Neutrals/Acids								
1,2,4-Trichlorobenzene	< 4.78	--	--	Grab	< 4.78	--	--	C
1,2-Dichlorobenzene	< 4.78	--	--	Grab	< 4.78	--	--	C
1,2-Diphenylhydrazine	< 4.78	--	--	Grab	< 4.78	--	--	C
1,3-Dichlorobenzene	< 4.78	--	--	Grab	< 4.78	--	--	C
1,4-Dichlorobenzene	< 4.78	--	--	Grab	< 4.78	--	--	C
2,4,6-Trichlorophenol	< 4.78	--	--	Grab	< 4.78	--	--	C
2,4-Dichlorophenol	< 9.56	--	--	Grab	< 9.55	--	--	C
2,4-Dimethylphenol	< 4.78	--	--	Grab	< 4.78	--	--	C
2,4-Dinitrophenol	< 9.56	--	--	Grab	< 9.55	--	--	C
2,4-Dinitrotoluene	< 4.78	--	--	Grab	< 4.78	--	--	C
2,6-Dinitrotoluene	< 4.78	--	--	Grab	< 4.78	--	--	C
2-Chloronaphthalene	< 4.78	--	--	Grab	< 4.78	--	--	C
2-Chlorophenol	< 4.78	--	--	Grab	< 4.78	--	--	C
2-Nitrophenol	< 4.78	--	--	Grab	< 4.78	--	--	C
3,3´-Dichlorobenzidine	< 4.78	--	--	Grab	< 4.78	--	--	C
3,4-Benzofluoranthene	< 4.78	--	--	Grab	< 4.78	--	--	C
4,6-Dinitro-2-methylphenol (4,6-Dinitro-O-cresol)	< 9.56	--	--	Grab	< 9.55	--	--	C
4-Bromophenyl phenyl ether	< 4.78	--	--	Grab	< 4.78	--	--	C
4-Chloro-3-methylphenol	< 4.78	--	--	Grab	< 4.78	--	--	C

Table 1
NPDES Sampling Results – June 2011

Outfall:	006				006			
Sample Date:	6/18/2011				6/19/2011			
Flow/Day:		0	MGD [1]			0	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
Base/Neutrals/Acids (continued)								
4-Chlorophenyl phenyl ether	< 4.78	--	--	Grab	< 4.78	--	--	C
4-Nitrophenol	< 4.78	--	--	Grab	< 4.78	--	--	C
Acenaphthene	< 4.78	--	--	Grab	< 4.78	--	--	C
Acenaphthylene	< 4.78	--	--	Grab	< 4.78	--	--	C
Aniline	< 4.78	--	--	Grab	< 4.78	--	--	C
Anthracene	< 4.78	--	--	Grab	< 4.78	--	--	C
Benz(a)anthracene	< 4.78	--	--	Grab	< 4.78	--	--	C
Benzidine	< 4.78	--	--	Grab	< 4.78	--	--	C
Benzo(a)pyrene	< 4.78	--	--	Grab	< 4.78	--	--	C
Benzo(b)fluoranthene	< 4.78	--	--	Grab	< 4.78	--	--	C
Benzo(g,h,i)perylene	< 4.78	--	--	Grab	< 4.78	--	--	C
Benzo(k)fluoranthene	< 4.78	--	--	Grab	< 4.78	--	--	C
Benzoic Acid	< 19.1	--	--	Grab	< 19.1	--	--	C
Bis(2-chloroethoxy)methane	< 4.78	--	--	Grab	< 4.78	--	--	C
Bis(2-chloroethyl)ether	< 4.78	--	--	Grab	< 4.78	--	--	C
Bis(2-chloroisopropyl)ether	< 4.78	--	--	Grab	< 4.78	--	--	C
Bis(2-ethylhexyl)phthalate	< 4.78	--	--	Grab	< 4.78	--	--	C
Butyl benzyl phthalate	< 4.78	--	--	Grab	< 4.78	--	--	C
Carbazole	< 4.78	--	--	Grab	< 4.78	--	--	C
Chrysene	< 4.78	--	--	Grab	< 4.78	--	--	C
Di-n-butyl phthalate	< 4.78	--	--	Grab	< 4.78	--	--	C
Di-n-octyl phthalate	< 4.78	--	--	Grab	< 4.78	--	--	C
Dibenz(a,h)anthracene	< 4.78	--	--	Grab	< 4.78	--	--	C
Diethyl phthalate	< 4.78	--	--	Grab	< 4.78	--	--	C
Dimethyl phthalate	< 4.78	--	--	Grab	< 4.78	--	--	C
Fluoranthene	< 4.78	--	--	Grab	< 4.78	--	--	C
Fluorene	< 4.78	--	--	Grab	< 4.78	--	--	C
Hexachlorobenzene	< 4.78	--	--	Grab	< 4.78	--	--	C
Hexachlorobutadiene	< 4.78	--	--	Grab	< 4.78	--	--	C
Hexachlorocyclopentadiene	< 4.78	--	--	Grab	< 4.78	--	--	C
Hexachloroethane	< 4.78	--	--	Grab	< 4.78	--	--	C
Indeno(1,2,3-cd)pyrene	< 4.78	--	--	Grab	< 4.78	--	--	C
Isophorone	< 4.78	--	--	Grab	< 4.78	--	--	C
N-Nitrosodi-n-propylamine	< 4.78	--	--	Grab	< 4.78	--	--	C
N-Nitrosodimethylamine	< 4.78	--	--	Grab	< 4.78	--	--	C
N-Nitrosodiphenylamine	< 4.78	--	--	Grab	< 4.78	--	--	C
Naphthalene	< 4.78	--	--	Grab	< 4.78	--	--	C
Nitrobenzene	< 4.78	--	--	Grab	< 4.78	--	--	C
o-Cresol	< 4.78	--	--	Grab	< 4.78	--	--	C
p-Cresol	< 4.78	--	--	Grab	< 4.78	--	--	C
Pentachlorophenol	< 9.56	--	--	Grab	< 9.55	--	--	C
Phenanthrene	< 4.78	--	--	Grab	< 4.78	--	--	C
Phenol	< 4.78	--	--	Grab	< 4.78	--	--	C
Pyrene	< 4.78	--	--	Grab	< 4.78	--	--	C
Pyridine	< 9.56	--	--	Grab	< 9.55	--	--	C

Table 1
NPDES Sampling Results – June 2011

Outfall:	006				006			
Sample Date:	6/18/2011				6/19/2011			
Flow/Day:		0	MGD [1]			0	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
Pesticides/PCBs								
4,4'-DDD	< 0.0191	--	--	Grab	< 0.0191	--	--	C
4,4'-DDE	< 0.0191	--	--	Grab	< 0.0191	--	--	C
4,4'-DDT	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Aldrin	< 0.0191	--	--	Grab	< 0.0191	--	--	C
a-BHC	< 0.0191	--	--	Grab	< 0.0191	--	--	C
b-BHC	< 0.0191	--	--	Grab	< 0.0191	--	--	C
g-BHC	< 0.0191	--	--	Grab	< 0.0191	--	--	C
d-BHC	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Aroclor 1016	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1221	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1232	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1242	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1248	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1254	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Aroclor 1260	< 0.0381	--	--	Grab	< 0.0382	--	--	C
Chlordane	< 0.191	--	--	Grab	< 0.191	--	--	C
Dieldrin	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Endosulfan I	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Endosulfan II	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Endosulfan Sulfate	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Endrin	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Endrin Aldehyde	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Heptachlor	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Heptachlor Epoxide	< 0.0191	--	--	Grab	< 0.0191	--	--	C
Toxaphene	< 0.191	--	--	Grab	< 0.191	--	--	C
VOCs/Purgeables								
1,1,1,2-Tetrachloroethane	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1,1-Trichloroethane	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1,2,2-Tetrachloroethane	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1,2-Trichloroethane	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1-Dichloroethane	< 1.00	--	--	Grab	< 1.00	--	--	C
1,1-Dichloroethene (1,1-Dichloroethlene)	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2,3-Trichloropropane	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2,4-Trichlorobenzene	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2-Dibromoethane	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2-Dichlorobenzene	< 1.00	--	--	Grab	< 1.00	--	--	C

Table 1
NPDES Sampling Results – June 2011

Outfall:	006				006			
Sample Date:	6/18/2011				6/19/2011			
Flow/Day:		0	MGD [1]			0	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
VOCs/Purgeables (continued)								
1,2-Dichloroethane	< 1.00	--	--	Grab	< 1.00	--	--	C
1,2-Dichloropropane	< 1.00	--	--	Grab	< 1.00	--	--	C
1,3-Dichlorobenzene	< 1.00	--	--	Grab	< 1.00	--	--	C
1,4-Dichlorobenzene	< 1.00	--	--	Grab	< 1.00	--	--	C
2-Butanone	< 10.0	--	--	Grab	< 10.0	--	--	C
2-Chloroethyl vinyl ether	< 10.0	--	--	Grab	< 10.0	--	--	C
4-Methyl-2-pentanone	< 10.0	--	--	Grab	< 10.0	--	--	C
Acrolein	< 10.0	--	--	Grab	< 10.0	--	--	C
Acrylonitrile	< 5.00	--	--	Grab	< 5.00	--	--	C
Benzene	< 1.00	--	--	Grab	< 1.00	--	--	C
Bis (Chloromethyl) ether	< 10.00	--	--	C	< 10.00	--	--	C
Bromochloromethane (Dichlorobromoethane)	< 1.00	--	--	Grab	< 1.00	--	--	C
Bromodichloromethane (Chlorodibromomethane)	< 1.00	--	--	Grab	< 1.00	--	--	C
Bromoform	< 1.00	--	--	Grab	< 1.00	--	--	C
Bromomethane (Methyl Bromide)	< 1.00	--	--	Grab	< 1.00	--	--	C
Carbon tetrachloride	< 1.00	--	--	Grab	< 1.00	--	--	C
Chlorobenzene	< 1.00	--	--	Grab	< 1.00	--	--	C
Chloroethane	< 1.00	--	--	Grab	< 1.00	--	--	C
Chloroform	< 1.00	--	--	Grab	< 1.00	--	--	C
Chloromethane (Methyl Chloride)	< 1.00	--	--	Grab	< 1.00	--	--	C
cis-1,2-Dichloroethene	< 1.00	--	--	Grab	< 1.00	--	--	C
cis-1,3-Dichloropropene	< 1.00	--	--	Grab	< 1.00	--	--	C
Dibromochloromethane	< 1.00	--	--	Grab	< 1.00	--	--	C
Dibromomethane	< 1.00	--	--	Grab	< 1.00	--	--	C
Dichlorodifluorometha	< 1.00	--	--	Grab	< 1.00	--	--	C
Ethylbenzene	< 1.00	--	--	Grab	< 1.00	--	--	C
m,p-Xylene	< 2.00	--	--	Grab	< 2.00	--	--	C
Methyl tert-butyl ether	< 1.00	--	--	Grab	< 1.00	--	--	C
Methylene chloride	< 5.00	--	--	Grab	< 5.00	--	--	C
Naphthalene	< 1.00	--	--	Grab	< 1.00	--	--	C
o-Xylene	< 1.00	--	--	Grab	< 1.00	--	--	C
Styrene	< 1.00	--	--	Grab	< 1.00	--	--	C
tert-Butylbenzene	< 1.00	--	--	Grab	< 1.00	--	--	C
Tetrachloroethene	< 1.00	--	--	Grab	< 1.00	--	--	C
Toluene	< 1.00	--	--	Grab	< 1.00	--	--	C
trans-1,2-Dichloroethene (1,2-Tans-Dichloroethene)	< 1.00	--	--	Grab	< 1.00	--	--	C
trans-1,3-Dichloropropene	< 1.00	--	--	Grab	< 1.00	--	--	C
Trichloroethene	< 1.00	--	--	Grab	< 1.00	--	--	C
Trichlorofluoromethane	< 1.00	--	--	Grab	< 1.00	--	--	C
Vinyl chloride	< 1.00	--	--	Grab	< 1.00	--	--	C

Table 1
NPDES Sampling Results – June 2011

Outfall:	006				006			
Sample Date:	6/18/2011				6/19/2011			
Flow/Day:		0	MGD [1]			0	MGD [1]	
Units:	µg/L	mg/L	lbs/day		µg/L	mg/L	lbs/day	
Anions by IC								
Bromide	--	< 0.500	--	Grab	--	< 0.500	--	C
Fluoride	--	< 0.500	--	Grab	--	< 0.500	--	C
N+N, as N	--	< 1.00	--	Grab	--	< 1.00	--	C
Sulfate	--	7.41	--	Grab	--	5.83	--	C
Total Alkalinity	--	80.0	--	Grab	--	75.0	--	C
Cyanide, WAD	--	< 0.0100	--	Grab	--	< 0.0100	--	C
Total Cyanide	--	< 0.0100	--	Grab	--	< 0.0100	--	C
COD	--	32.0	--	Grab	--	25.7	--	C
Color	--	>70	--	Grab	--	>70	--	C
Surfactants - MBAS	--	< 0.025	--	Grab	--	< 0.025	--	C
Ammonia as N	--	0.583	--	Grab	--	0.515	--	C
Total Phosphorus	--	1.37	--	Grab	--	1.14	--	C
Phenolics, Total Recoverable	--	< 0.05	--	Grab	--	< 0.05	--	C
Sulfide	--	< 1.00	--	Grab	--	< 1.00	--	C
Sulfite	--	< 3.00	--	Grab	--	< 3.00	--	C
TKN	--	1.37	--	Grab	--	1.11	--	C
TOC	--	10.5	--	Grab	--	9.3	--	C
TSS	--	5.00	--	Grab	--	16.0	--	C
BOD	--	< 8.00	--	Grab	--	3.11	--	C
Fecal Coliform	--	< 2.00	--	Grab	--	< 2.00	--	C
Oil and Grease	--	< 4.90	--	Grab	--	< 5.20	--	C
Hardess	--	68.2	--	Grab	--	71.1	--	C
Field Temperature ©	--	14.7 C	--	Grab	--	--	--	--
pH (SU)	--	6.41	--	Grab	--	--	--	--
Total Residual Chlorine	--	< 0.05	--	Grab	--	--	--	--

Notes:

<	Not detected; the value presented is the detection level of the analytical method
1	flow estimated from rainfall
C	Time-weighted Composite Sample
Grab	grab sample
IC	ion chromatography
MGD	million gallons per day
lbs/day	pounds per day
µg/L	micrograms per liter
mg/L	milligrams per liter
NPDES	National Pollutant Discharge Elimination System
PCBs	polychlorinate biphenyls
SU	standard unit
VOCs	volatile organic compounds