Department of Water and Power the City of Los Angeles

HAND DELIVERED

LOGGED IN BY: TR
DATE: NOV 15 2004

November 10, 2004

Mr. Jonathan Bishop
Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 West Fourth Street, Suite 200
Los Angeles, California 90013

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LOS ANGELES REGION
2004 NOV 10 PM 2:08

Attention: Mr. David Hung, Chief Industrial Permitting Unit

Dear Mr. Bishop:

Subject: National Pollutant Discharge Elimination System (NPDES) Permit Renewals for Haynes (HnGS) and Scattergood (SGS) Generating Stations
NPDES Permit Nos. CA 0000353 and CA 0000370
(Compliance File Nos. 2769 and 1886)

In accordance with Section III of the Order for each of the generating station's NPDES permit, the Los Angeles Department of Water and Power (LADWP) is submitting the NPDES permit renewal applications no later than 180 days in advance of the May 10, 2005 expiration date for the current permits.

Enclosed are each facility's completed Consolidated Permit Application Forms 1 and 2C (including the Certification Supplement) (Enclosure 1).

During the permit renewal review process, LADWP requests that the Los Angeles Regional Water Quality Control Board (Regional Board) consider the following items.

Scattergood

Effluent Limitations

The application renewal monitoring results support a limited set of effluent limitations. For the most part, none of the Table B carcinogen and non-carcinogen pollutants, as well as phenolics and chlorinated phenolics, are being added by the power plant and those that were detected are below the water quality objective. Therefore, LADWP believes no effluent limitations are warranted for these constituents. A review of the historical metals data also suggests that Antimony, Beryllium, and Thallium (which have

no limits), as well as Silver, have not been detected in the semi-annual monitoring information from 2000 to 2004 and should be considered for deletion.

Low Volume Waste Priority Pollutant Monitoring

The current permit required that LADWP conduct quarterly priority pollutant monitoring for eight quarters and then annually thereafter. The stated reason for this requirement was to provide information to Regional Board staff about the nature of the waste being generated. The steam electric regulations do not require this sampling, and as LADWP pointed out during the last permit renewal, the inplant wastestreams constitute only 0.01% of the total effluent flow and therefore exert little effect on the facility's ability to comply with the effluent limits or in deciding whether additional effluent limits are necessary. The constituents detected were found at very low levels. LADWP believes the Regional Board has an adequate database of information on the character of the low volume waste and any future sampling requirements should be eliminated.

Schedule for 316(b) Rule Compliance

In a letter dated November 4, 2004, LADWP outlined its proposed schedule for meeting the compliance submittals for the 316(b) Rule. LADWP requested that it be granted the full three and a half years (until January 9, 2008) to submit its Comprehensive Demonstrations Study. LADWP requests that this schedule be adopted in the upcoming permit.

Reporting Frequency

The NPDES permit that was renewed for LADWP's Harbor Generating Station contained a reporting frequency of quarterly. For consistency and administrative ease, LADWP requests that the Regional Board consider requiring quarterly monitoring for SGS.

Desalination Pilot Project

LADWP is considering the feasibility of building and operating a desalination facility at SGS. In order to better understand the site-specific pertinent design and operating parameters for a seawater desalination plant, LADWP proposes to construct a pilot plant at SGS. At present, LADWP envisions taking seawater from the "hot" side of the once-through cooling system (e.g., after it has passed through the condensers but before being returned to the ocean), desalting the stream, reconstituting the permeate and concentrate streams, and discharging this seawater along with the cooling water to the outfall. The pilot plant will be evaluating feedwater screening and micro-filtration pretreatment, selection and arrangement of the reverse osmosis membranes, product water compatibility with the drinking water regulations and LADWP's distribution system, and the feasibility (including costs) of co-locating a desalination plant at a power plant.

LADWP and its consultants are currently preparing a preliminary project scope and other pertinent information. This will be provided to the Regional Board as soon as it is completed and assembled (approximately on or about January 15, 2005). LADWP believes that operation of the pilot plant will have no material effect on the NPDES permit and requests that it be identified in the new permit's findings.

Haynes Generating Station

Temperature

LADWP notified the Regional Board, via letter dated November 4, 2004, that it was proceeding with conducting the Hydrodynamic Study of the San Gabriel River (SGR) in order to determine the estuarine boundaries. As we proceed through the various stages of the study, LADWP will keep the various stakeholder entities appraised of its findings. At the conclusion of the study, should the results support LADWP's hypothesis that the actual estuary is somewhere upstream of the power plant discharges and that the discharge classification is more appropriately a discharge into an embayment, LADWP will request that the Regional Board modify its Basin Plan to reflect the actual location of the estuary. Until the study can be concluded and submitted to the Regional Board, LADWP will request that the existing temperature limit be kept in place.

If the Hydrodynamic Study upholds LADWP's hypothesis that the plant's discharge is into an embayment, LADWP requests that the existing permit limit of 100 degrees be made permanent in the new permit. The Thermal Plan states that the thermal limit for existing discharges shall be that which can "assure protection of beneficial uses". In previous correspondence with the Regional Board, LADWP has stated that there was no aquatic habitat prior to the power plant discharges. After the first discharge from the Alamitos Generating Station, and then subsequently the Haynes Generating Station, a warm water marine habitat was established. LADWP believes that the beneficial uses that were in existence prior to 1975 are still being protected and that a balanced indigenous population exists within the SGR as evidenced by the continued results stated in the receiving water monitoring reports.

LADWP is aware of the Regional Board's current position that 86 degrees is the generally accepted thermal limit that is protective for biological organisms; however, there are clearly unique considerations which are required for this location. The scientific literature generally supposes that organisms living in ambient water temperature who are suddenly exposed to water temperatures that are 86 degrees or higher are stressed to the point of not being able to live, reproduce or generally sustain themselves. However, marine organisms living in the Sea of Cortez have adapted to living and reproducing in water temperatures that are typically 88 degrees or even warmer in the summer months. The organisms that live and reproduce in the lower SGR have successfully done so for the past 48 years with plant effluent limits as high as 100 degrees as evidenced by the many studies that have been done, including the annual

receiving water monitoring studies conducted by the power plants. Thus, it is appropriate to consider that temperatures higher than what is generally considered protective of beneficial uses can and do occur in the lower SGR without impacting beneficial uses.

If the Hydrodynamic Study demonstrates that HnGS discharges into an estuary, LADWP will seek a variance from the Thermal Plan. Based on the nature of the discharge and the morphology of the river, there could be no discharge of once-through cooling to the river that would be considered compliant with the Thermal Plan requirements. This would have serious negative impacts to the environment, to the surrounding community, to LADWP, and to the State of California. As LADWP has reported in numerous previous submittals to the Regional Board, without the power plant discharges, the lower SGR would return to a dry earthen flood control channel. The warm water aquatic environment and the habitat that has been created would cease to exist. The withdrawal of once-through cooling water by LADWP and AES provides a continuous circulation of water, nutrients, and oxygen to the back areas of Alamitos Bay and the Long Beach Marina. Without this water circulation, this habitat would become severely degraded and marina waters would become stagnant and the benthic sediments anoxic as with many other harbors and marinas with poor circulation. LADWP would loose an important source of reliable in-basin generation capacity and the power grid stability that the facility provides to LADWP's electrical system. The State of California would loose approximately1600 megawatts of available power in a power supply environment that is already stretched thin.

Fish Impingement Monitoring

The current permit requires the identification and quantification of fish impinged during a heat treatment. LADWP requests that this requirement be deleted from the new permit. As the Board is aware, compliance with the 316b Rule will necessitate the collection of new impingement and entrainment information. LADWP, in a letter dated November 4, 2004, proposed a 316b compliance schedule that included conducting new impingement and entrainment monitoring in 2006. This study will provide a better characterization of plant impingement than continuing to collect information in association with heat treatments. The information collected to date under the current permit indicates that an insignificant amount of fish are impinged during a heat treatment and thus continuation of the requirement, particularly in light of the impending 316b work, is of limited value. The impinged results for the years of 2001, 2002, 2003, and 2004 (to date) are 242 fish, 134 fish, 96 fish, and 35 fish, respectively.

Intake Credits

Irrespective of whether the discharge is ultimately classified as estuarine or into an embayment, the water quality criteria contained in the California Toxics Rule (CTR) will apply to the facility. The State Implementation Plan for the CTR provides for the

granting of intake credits and LADWP believes it is appropriate and necessary to do so. The Regional Board's memo from Dennis Dickerson to Celeste Cantu dated October 25, 2002, as well as Mr. Dickerson's January 15, 2003 letter to LADWP, also noted the possibility of intake credits to meet the provisions of CTR. LADWP requests that intake credits be provided in the new permit for all constituents found in both the semi-annual monitoring data during the last permit cycle and the intake data from the recent Reasonable Potential Analyses (RPA).

Water Quality Based Effluent Limits

LADWP has routinely monitored the influent since 2001 for semi-annual metals and more recently, has sampled the influent, effluent and receiving water as part of the RPA that examines all constituents contained in the priority pollutant list. With limited exception, when the ambient or background metal concentrations of constituents detected in the influent are subtracted from the constituent concentrations found in the effluent, the effluent is compliant. Two constituents, copper and arsenic, have exceeded the 30-day average limitation despite accounting for ambient concentrations. (The latter constituent, arsenic, had only a single exceedence and may be an anomaly since power plant operations are not an arsenic source).

LADWP is nearing completion of Phase I of its repowering project that will replace the Unit 3 and 4 steam turbines, which use copper/nickel condenser tubes, with a single Unit 8 steam turbine that uses titanium condenser tubes. A Notice of Preparation was issued June 24, 2004 for the second repowering effort (Phase II) that will retire Units 5 and 6, replacing their copper/nickel condenser tubes in like fashion. LADWP is optimistic that the titanium condensers will translate to compliant CTR-calculated copper effluent limits, thus resolving the copper compliance issues. At this point in time, there are no plans to repower Units 1 and 2. If replacement of the copper/nickel condenser tubing with titanium tubes proves an effective measure for ensuring permit compliance, LADWP may consider either re-tubing Unit 1 and 2 condensers or repowering at some future date. The State Water Resources Control Board, in their December 11, 2002 memo to Dennis Dickerson, noted the possibility of establishing a mixing zone and dilution credit "for just one or two of the most critical discharge points". This type of solution could also be viable for addressing Unit 1 and 2 CTR compliance with the copper criterion.

A final consideration for meeting the CTR metal limits may include developing site-specific water quality objectives by conducting a Water Effects Ratio and/or a metal translator study or any other applicable and appropriate study for those constituents (e.g., copper) that remain above the CTR 30-day average criteria after application of intake credits. A determination as to whether to engage in these types of studies is not something that can be determined at this time, more information is needed. For this reason, LADWP requests the inclusion of intake credits and the establishment of interim permit limits.

With regard to the other detected toxics in the facility's effluent, since sampling began for the RPA, seven pesticides, bis (2-ethylhexyl) phthalate, one congener of dioxin (Octa-CDD), and cyanide have also been detected. As with the metals, when the ambient influent concentration of bis (2-ethylhexyl) phthalate and cyanide are subtracted from the effluent concentrations, these constituents are compliant with the CTR criteria. Three of the detected pesticides and the one dioxin congener, while below the Minimum Level, appear to be in concentrations above the calculated CTR limit. LADWP requests the opportunity to complete its RPA efforts and to continue its investigations to determine the validity of their presence and the facts and circumstances surrounding the pesticide and dioxin presence.

Chlorine

LADWP has completed an extensive and rigorous Total Residual Chlorine (TRC) monitoring program that demonstrated that the current modified effluent limitation is protective of the environment, protective of beneficial uses, and protective of sensitive aquatic organisms. Chronic toxicity studies conducted since completion of this monitoring program have consistently demonstrated no toxic effect. Having received RWQCB, SWRCB, and federal EPA concurrence that the modified effluent limitation was protective of water quality and beneficial uses (as noted in the 301(g) variance), and knowing that the study conducted was equivalent to the derivation of a site-specific Water Quality-Based Effluent Limitation, LADWP believes that no further effort is required and that the existing TRC limits belong in the new permits.

The Steam Electric Effluent Limitation for Free Available Chlorine (FAC), as with other federal limitations for power plants, is expressed in both terms of a daily maximum and a 30-day average or monthly average. The current permit incorrectly identifies the limit in terms of a daily average. Consistent with the Harbor and Scattergood Generating Station permits, LADWP requests that the FAC limit be corrected and expressed as a daily maximum and a monthly average.

Low Volume Waste Priority Pollutant Monitoring

As with the SGS permit, the current HnGS permit required that LADWP conduct quarterly priority pollutant monitoring for eight quarters and then annually thereafter. The stated reason for this requirement was to provide information to Regional Board staff about the nature of the waste being generated. The steam electric regulations do not require this sampling, and as LADWP pointed out during the last permit renewal, the inplant wastestreams constitute only 0.01% of the total effluent flow and therefore exert little effect on the facility's ability to comply with the effluent limits or in deciding whether additional effluent limits are necessary. The constituents detected were found at very low levels. LADWP believes the Regional Board has an adequate database of

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Reporting Frequency

The NPDES permit that was renewed for LADWP's Harbor Generating Station contained a reporting frequency of quarterly. For consistency and administrative ease, LADWP requests that the Regional Board consider requiring quarterly monitoring for HnGS.

LADWP appreciates your consideration of these issues and comments as you begin to undertake the permit renewal process. We are available to support your permitting renewal efforts and to provide information that may be of assistance. If you have any questions or require additional information, please contact either Mr. Robert Krivak or myself at (213) 367-1339 or (213) 367-0279, respectively.

Sincerely,

Susan M Damron

Susan M. Damron
Manager of Wastewater Quality Compliance

SMD: bdc
Enclosure
c: Robert Krivak

CERTIFICATION SUPPLEMENT
For
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
PERMIT APPLICATION

Legal Name of Applicant: Los Angeles Department of Water and Power

Facility: Haynes Generating Station
CAD000633248

"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."

Edward Miller	Director of Power Systems Operation & Maintenance
Printed Name of Person Signing	Official Title
C E Miller	11-10-04
Signature	Date Application Signed
11-10-04	
Date Supplement Signed	

(fill—in areas are spaced for elite type, i.e., 12 characters/inch). Form Approved. OMB No. 2040-0086.

FORM 1 GENERAL

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

F | C A D 0 0 0 6 3 3 2 4 8 | | D

LABEL ITEMS

I. EPA I.D. NUMBER

III. FACILITY NAME

V. FACILITY MAILING ADDRESS

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 provided. Refer to the instructions for detailed item descriptions and for the legal authorizations 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 form 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)		X		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)		X	
C. Is this a facility which currently results in **discharges** to **waters of the U.S.** other than those described in A or B above? (FORM 2C)	X		X	D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge** to **waters of the U.S.**? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)		X		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)		X	
G. Do you or will you inject at this facility any produced water or 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)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
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)		X		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 area**? (FORM 5)		X	

III. NAME OF FACILITY

1 | SKIP | H A Y N E S G E N E R A T I N G S T A T I O N

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
2 | S U S A N M. D A M R O N, Environmental Affairs Officer	2 1 3 | 3 6 7 | 0 2 7 9

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

3 | 1 1 1 N. H O P E S T R E E T, R O O M 1 2 1 3

B. CITY OR TOWN	C. STATE	D. ZIP CODE
4 | L O S A N G E L E S	C A	9 0 0 1 2

LOGGED IN BY: NOV 15 2004 DATE

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

5 | 6 8 0 1 E A S T 2 N D S T R E E T

B. COUNTY NAME

L O S A N G E L E S

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
6 | L O S A N G E L E S	C A	9 0 8 0 3	

RECEIVED 2004 NOV 10 PM 2:23 REGIONAL BOARD CONTROL BOARD HEARING CLERK

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

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

A. FIRST	B. SECOND
4911 (specify) Electrical Power Generation	(specify)
C. THIRD	**D. FOURTH**
(specify)	(specify)

VIII. OPERATOR INFORMATION

A. NAME

Los Angeles Department of Water & Power

B. Is the name listed in Item VIII-A also the owner? [X] 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)

(specify)

D. PHONE (area code & no.) A

E. STREET OR P.O. BOX

111 NORTH HOPE STREET, RM. 1213

F. CITY OR TOWN	G. STATE	H. ZIP CODE
B LOS ANGELES	CA	90012

IX. INDIAN LAND

Is the facility located on Indian lands? [ ] YES [X] NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)	D. PSD (Air Emissions from Proposed Sources)
9 N CA0000353	9 P
B. UIC (Underground Injection of Fluids)	**E. OTHER (specify)**
9 U	9 (specify)
C. RCRA (Hazardous Wastes)	**E. OTHER (specify)**
9 R	9 see Attachment A (specify) South Coast Air Quality Management District

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property bounderies. 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)

Natural Gas and emergency oil-fueled, steam-generated, electric power production.

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
Edward Miller, Director of Power Systems Operations & Maintenance	C E Miller	11-10-04

COMMENTS FOR OFFICIAL USE ONLY

C

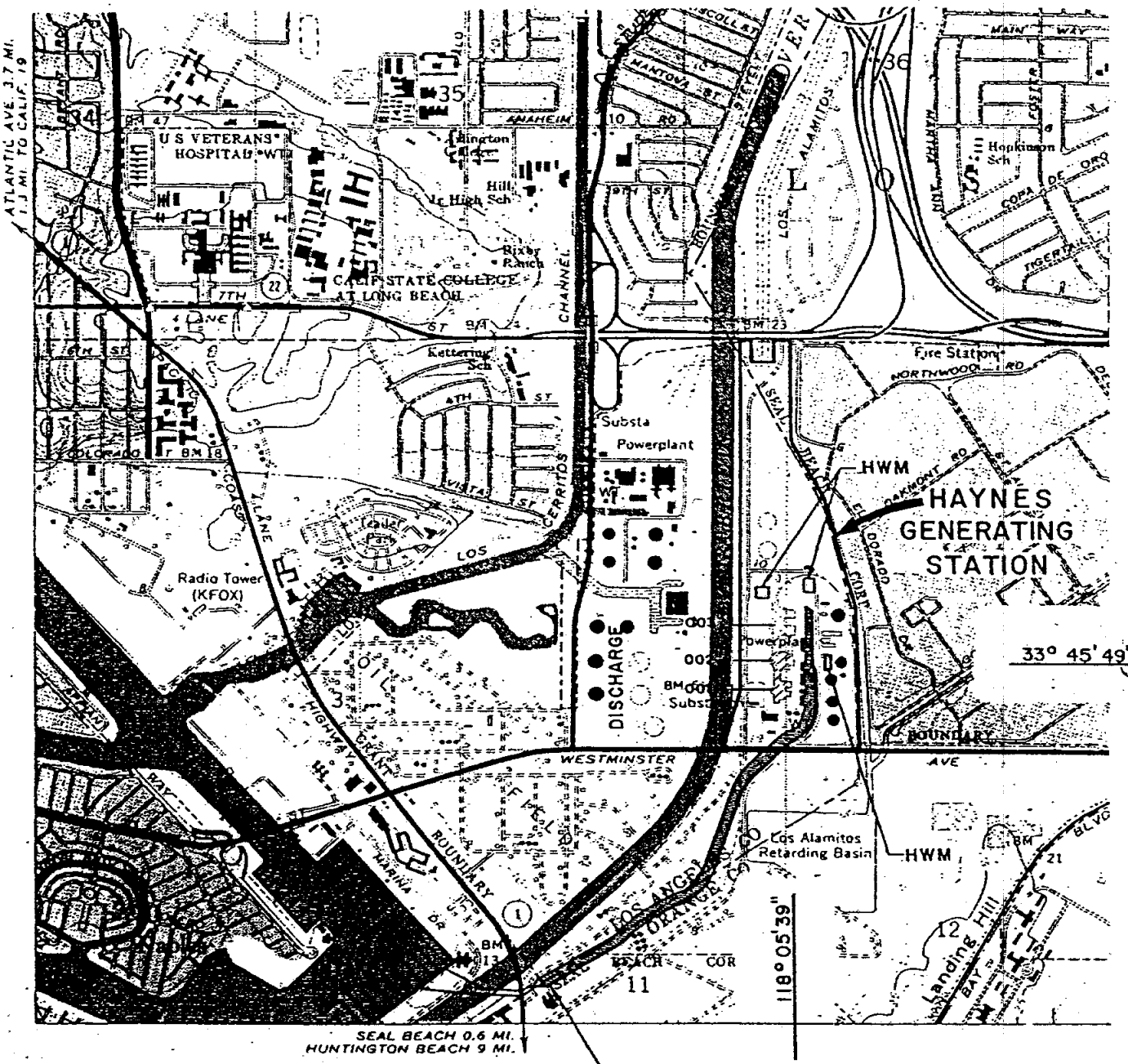
Haynes Generating Station

X. Existing Environmental Permits

E. Other

Agency	Equipment/Process Permitted	Permit No.
Department of Toxic Substances Control	Regeneration of Ion Exchange Resins used in Boiler Water Demineralization	Conditionally exempt under California Tiered Permitting Program
South Coast Air Quality Management District (Permit to Operate)	Boiler No. 1	M60760
	Boiler No. 2	M60759
	Boiler No. 3*	M60758
	Boiler No. 4*	M60757
	Boiler No. 5	RM60756
	Boiler No. 6	RM60761
South Coast Air Quality Management District (Temporary Permit to Construct/Operate)	Facility-wide	Facility ID No. 800074
	Emergency Generator (Unit 7)	ID No. D53 Application No. G02790
	Steam Turbine/Gen. (Unit 8)	- -
	Gas Turbine/Gen. (Unit 9)	ID No. D125 Application No. 398415
	Gas Turbine/Gen. (Unit 10)	ID No. D134 Application No. 398411

* Decommissioning Dates: Unit 4 (11/02/03)
Unit 3 (09/19/04)



UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER USGS MAP

SCALE 1:24000

REPRODUCED FROM USGS MAP
LOS ALAMITOS, CALIF. 1972

FACILITY LOCATION:

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
CITY OF LONG BEACH

LOCATION MAP

HAYNES GENERATING STATION

DEPARTMENT OF WATER AND POWER
CITY OF LOS ANGELES

Please type or print in the unshaded areas only

EPA ID Number *(Copy from Item 1 of Form 1)*: CAD000633248

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

Form 2C NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICUTLRAL OPERATIONS
Consolidated Permits Program

I. Outfall Location

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

Outfall Number *(list)*	Latitude Deg	Min	Sec	Longitude Deg	Min	Sec	Receiving Water *(name)*
001A	***33***	***45***	***42***	***118***	***05***	***47***	***San Gabriel River***

Note: The two conduits, 001A and 001B are given the same latitude and longitude due to their proximity to each other, which is well within the 15 second tolerance.

II. Flows, Sources of Pollution, and Treatment Technologies

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

B. For each outfall, provide a description of (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and stormwater 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 Number	2. Operations Contributing Flow a. OPERATION *(list)*	b. AVERAGE FLOW	3. Treatment a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001A	***Once-through Cooling Water***	***138,240,000 gal/day****	***None***	***4-B***	
001A	***Demineralizer Regeneration***	***60,000 gal/day***	***Settling Basin***	***1-U***	
001A	***Boiler Acid Cleaning Rinses***	***190,000 gal/day***	***Chemical Precipitation*****	***2-C, 1-U***	
001A	***Storm Water Runoff***	***75,000 gal/day***	***Serttling Basin***	***1-U***	
001A	***Boiler Blowdown***	***87,000 gal/day***	***Settling Basin***	***1-U***	
001A	***Lab Drains***	***14,000 gal/day***	***Settling Basin***	***1-U***	
001A	***Filter Polish Regeneration***	***20,000 gal/day***	***Settling Basin***	***1-U***	
001A	***Domestic Water Use***	***20,000 gal/day***	***Act. Sludge, Settling Basin***	***3-A***	***1-H***
001A	***Boiler Wash Water***	***15,000 gal/day***	***Settling Basin***	***1-U***	
001A	***Floor Drains***	***36,000 gal/day***	***Oil-Water Separator***	***1-H***	***1-H***

**** Maximum Design Flow***

***** Chemical precipitation is performed in portable treatment tanks.***

Note: All flows are maximum flows. With the exception of the once-through cooling water, all others are total daily flows to any single outfall. If multiple outfalls are used, then flows are reduced accordingly.

Please type or print in the unshaded areas only

EPA ID Number *(Copy from Item 1 of Form 1)*
CAD000633248

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

Form **2C** NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
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Consolidated Permits Program

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	Deg	Min	Sec	Deg	Min	Sec	
001B	***33***	***45***	***42***	***118***	***05***	***47***	***San Gabriel River***

Note: The two conduits, 001A and 001B are given the same latitude and longitude due to their proximity to each other, which is well within the 15 second tolerance.

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1. Outfall Number	2. Operations Contributing Flow		3. Treatment		
	a. OPERATION *(list)*	b. AVERAGE FLOW	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001B	***Once-through Cooling Water***	***138,240,000 gal/day****	***None***	***4-B***	
001B	***Demineralizer Regeneration***	***60,000 gal/day***	***Settling Basin***	***1-U***	
001B	***Boiler Acid Cleaning Rinses***	***190,000 gal/day***	***Chemical Precipitation****	***2-C, 1-U***	
001B	***Storm Water Runoff***	***75,000 gal/day***	***Serttling Basin***	***1-U***	
001B	***Boiler Blowdown***	***87,000 gal/day***	***Settling Basin***	***1-U***	
001B	***Lab Drains***	***14,000 gal/day***	***Settling Basin***	***1-U***	
001B	***Filter Polish Regeneration***	***20,000 gal/day***	***Settling Basin***	***1-U***	
001B	***Domestic Water Use***	***20,000 gal/day***	***Act. Sludge, Settling Basin***	***3-A***	***1-H***
001B	***Boiler Wash Water***	***15,000 gal/day***	***Settling Basin***	***1-U***	
001B	***Floor Drains***	***36,000 gal/day***	***Oil-Water Separator***	***1-H***	***1-H***

**** Maximum Design Flow***

***** Chemical precipitation is performed in portable treatment tanks.***

Note: All flows are maximum flows. With the exception of the once-through cooling water, all others are total daily flows to any single outfall. If multiple outfalls are used, then flows are reduced accordingly.

Please type or print in the unshaded areas only

EPA ID Number *(Copy from Item 1 of Form 1)*
CAD000633248

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

Form **2C** NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICUTLRAL OPERATIONS
Consolidated Permits Program

I. Outfall Location

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

Outfall Number *(list)*	Latitude			Longitude			Receiving Water *(name)*
	Deg	Min	Sec	Deg	Min	Sec	
002A	***33***	***45***	***46***	***118***	***05***	***47***	***San Gabriel River***
002B	***33***	***45***	***46***	***118***	***05***	***47***	***San Gabriel River***

Notes: (1) The two conduits, 002A and 002B are given the same latitude and longitude due to their proximity to each other, which is well within the 15 second tolerance.

(2) Outfalls 002A and 002B receive once-through cooling water from the same steam generator (Unit 8), and therefore, the nature of the wastes will be identical.

II. Flows, Sources of Pollution, and Treatment Technologies

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

B. For each outfall, provide a description of (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and stormwater 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 Number	2. Operations Contributing Flow		3. Treatment		
	a. OPERATION *(list)*	b. AVERAGE FLOW	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
002A & B	***Once-through Cooling Water***	***138,240,000 gal/day****	***None***	***4-B***	
002A & B	***Demineralizer Regeneration***	***60,000 gal/day***	***Settling Basin***	***1-U***	
002A & B	***Boiler Acid Cleaning Rinses***	***190,000 gal/day***	***Chemical Precipitation****	***2-C, 1-U***	
002A & B	***Storm Water Runoff***	***75,000 gal/day***	***Serttling Basin***	***1-U***	
002A & B	***Boiler Blowdown***	***87,000 gal/day***	***Settling Basin***	***1-U***	
002A & B	***Lab Drains***	***14,000 gal/day***	***Settling Basin***	***1-U***	
002A & B	***Filter Polish Regeneration***	***20,000 gal/day***	***Settling Basin***	***1-U***	
002A & B	***Domestic Water Use***	***20,000 gal/day***	***Act. Sludge, Settling Basin***	***3-A***	***1-H***
002A & B	***Boiler Wash Water***	***15,000 gal/day***	***Settling Basin***	***1-U***	
002A & B	***Floor Drains***	***36,000 gal/day***	***Oil-Water Separator***	***1-H***	***1-H***

**** Maximum Design Flow per outfall.***

***** Chemical precipitation is performed in portable treatment tanks.***

Note: All flows are maximum flows. With the exception of the once-through cooling water, all others are total daily flows to any single outfall. If multiple outfalls are used, then flows are reduced accordingly.

Please type or print in the unshaded areas only

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Form **2C** NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICUTLRAL OPERATIONS
Consolidated Permits Program

I. Outfall Location

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

Outfall Number *(list)*	Latitude Deg	Min	Sec	Longitude Deg	Min	Sec	Receiving Water *(name)*
003A	***33***	***45***	***53***	***118***	***05***	***47***	***San Gabriel River***

Note: The two conduits, 003A and 003B are given the same latitude and longitude due to their proximity to each other, which is well within the 15 second tolerance.

II. Flows, Sources of Pollution, and Treatment Technologies

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

B. For each outfall, provide a description of (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and stormwater 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 Number	2. Operations Contributing Flow		3. Treatment		
	a. OPERATION *(list)*	b. AVERAGE FLOW	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
003A	***Once-through Cooling Water***	***230,400,000 gal/day****	***None***	***4-B***	
003A	***Demineralizer Regeneration***	***60,000 gal/day***	***Settling Basin***	***1-U***	
003A	***Boiler Acid Cleaning Rinses***	***190,000 gal/day***	***Chemical Precipitation****	***2-C, 1-U***	
003A	***Storm Water Runoff***	***75,000 gal/day***	***Serttling Basin***	***1-U***	
003A	***Boiler Blowdown***	***87,000 gal/day***	***Settling Basin***	***1-U***	
003A	***Lab Drains***	***14,000 gal/day***	***Settling Basin***	***1-U***	
003A	***Filter Polish Regeneration***	***20,000 gal/day***	***Settling Basin***	***1-U***	
003A	***Domestic Water Use***	***20,000 gal/day***	***Act. Sludge, Settling Basin***	***3-A***	***1-H***
003A	***Boiler Wash Water***	***15,000 gal/day***	***Settling Basin***	***1-U***	
003A	***Floor Drains***	***36,000 gal/day***	***Oil-Water Separator***	***1-H***	***1-H***

**** Maximum Design Flow***

***** Chemical precipitation is performed in portable treatment tanks.***

Note: All flows are maximum flows. With the exception of the once-through cooling water, all others are total daily flows to any single outfall. If multiple outfalls are used, then flows are reduced accordingly.

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Form **2C** NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICUTLRAL OPERATIONS
Consolidated Permits Program

I. Outfall Location

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

Outfall Number *(list)*	Latitude			Longitude			Receiving Water *(name)*
	Deg	Min	Sec	Deg	Min	Sec	
003B	***33***	***45***	***53***	***118***	***05***	***47***	***San Gabriel River***

Note: The two conduits, 003A and 003B are given the same latitude and longitude due to their proximity to each other, which is well within the 15 second tolerance.

II. Flows, Sources of Pollution, and Treatment Technologies

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

B. For each outfall, provide a description of (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and stormwater 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 Number	2. Operations Contributing Flow		3. Treatment		
	a. OPERATION *(list)*	b. AVERAGE FLOW	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
003B	***Once-through Cooling Water***	***230,400,000 gal/day****	***None***	***4-B***	
003B	***Demineralizer Regeneration***	***60,000 gal/day***	***Settling Basin***	***1-U***	
003B	***Boiler Acid Cleaning Rinses***	***190,000 gal/day***	***Chemical Precipitation*****	***2-C, 1-U***	
003B	***Storm Water Runoff***	***75,000 gal/day***	***Serttling Basin***	***1-U***	
003B	***Boiler Blowdown***	***87,000 gal/day***	***Settling Basin***	***1-U***	
003B	***Lab Drains***	***14,000 gal/day***	***Settling Basin***	***1-U***	
003B	***Filter Polish Regeneration***	***20,000 gal/day***	***Settling Basin***	***1-U***	
003B	***Domestic Water Use***	***20,000 gal/day***	***Act. Sludge, Settling Basin***	***3-A***	***1-H***
003B	***Boiler Wash Water***	***15,000 gal/day***	***Settling Basin***	***1-U***	
003B	***Floor Drains***	***36,000 gal/day***	***Oil-Water Separator***	***1-H***	***1-H***

**** Maximum Design Flow***

***** Chemical precipitation is performed in portable treatment tanks.***

Note: All flows are maximum flows. With the exception of the once-through cooling water, all others are total daily flows to any single outfall. If multiple outfalls are used, then flows are reduced accordingly.

CONTINUED FROM THE FRONT

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 a. DAYS PER WEEK (specify average)	3. FREQUENCY b. MONTHS PER YEAR (specify average)	4. FLOW a. FLOW RATE (in mgd) 1. LONG TERM AVERAGE	4. FLOW a. FLOW RATE (in mgd) 2. MAXIMUM DAILY	4. FLOW b. TOTAL VOLUME (specify with units) 1. LONG TERM AVERAGE	4. FLOW b. TOTAL VOLUME (specify with units) 2. MAXIMUM DAILY	4. FLOW c. DURATION (in days)
001A	*Boiler Acid Cleaning Rinses*	*	*	-	*0.19*	-	*190,000 gallons*	*2*
001B	*Boiler Acid Cleaning Rinses*	*	*	-	*0.19*	-	*190,000 gallons*	*2*
002A	"	*	*	-	"	-	"	"
002B	"	*	*	-	"	-	"	"
003A	"	*	*	-	"	-	"	"
003B	"	*	*	-	"	-	"	"

**** Boiler acid cleaning occurs intermittently (last was 12 years ago).***

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 a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	2. AFFECTED OUTFALLS (list outfall numbers)

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 a. No	2. AFFECTED OUTFALLS b. SOURCE OF DISCHARGE	3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE a. REQUIRED	4. FINAL COMPLIANCE DATE b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs *(or other environmental projects which may affect your discharges)* you now have 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**

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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
None			

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)*

CONTINUED FROM THE FRONT

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)*

Chronic toxicity bioassays are performed quarterly as required by the existing NPDES permit.

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)*
EMS Laboratories	***117 West Bellevue Drive Pasadena, CA 91105***	***(626) 568-4065***	***Asbestos***
West Coast Analytical Servicing, Inc.	***9840 Alburtis Avenue Santa Fe Springs, CA 90670***	***(562) 948-2225***	***Hex. Chromium, PCBs, pesticides, acid and base/neutral extractibles.***
Pacific Analytical	***6349 Paseo Del Lago Carlsbad, CA 92009***	***(760) 438-3100***	***Dioxins***
Bureau of Standards	***2319 Dorris Place Los Angeles, CA 90031***	***(323) 226-1665***	***BOD, Ammonia, Color, Fecal coliform, MBAS, phosphorus, sulfide, sulfite.***

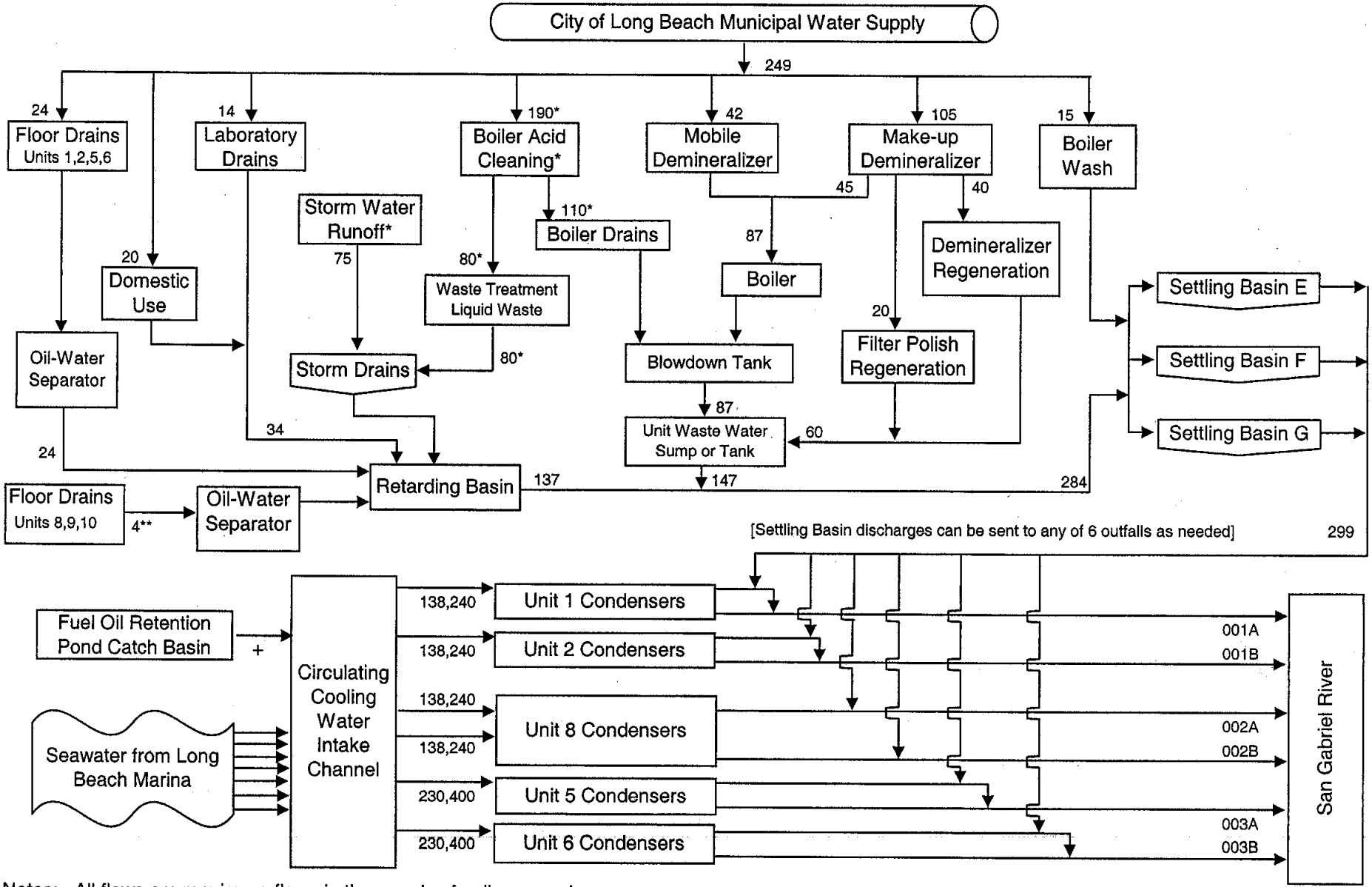
IX. CERTIFICATION

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.)*
Edward Miller, Director of Power Systems Operation & Maintenance	***(213) 367-0772***
C. SIGNATURE *C E Miller*	D. DATE SIGNED 11-10-04

SCHEMATIC of WATER FLOW for HAYNES GENERATING STATION

Los Angeles Department of Water and Power



Notes: All flows are maximum flows in thousands of gallons per day.

* Acid cleanings occur only on rare occasion (last was over 12 years ago); these flows are not included in the totals.

** Estimated flow (once testing is complete and Units placed in-service an actual value can be calculated).

\+ Discharge valve locked and normally not used except during unusually heavy rain fall.

11/8/04

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)*
CAD000633248

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 a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSIS	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	6	6,918			4	4,087	2	mg/L	lbs	4	4,087	2
b. Chemical Oxygen Demand *(COD)*	595	685,988			410	418,876	2	mg/L	lbs	540	551,691	2
c. Total Organic Carbon *(TOC)*	0.4	461			0.2	204	2	mg/L	lbs	<0.2	<102	2
d. Total Suspended Solids *(TSS)*	4.8	5,534			4.5	4,597	2	mg/L	lbs	5.3	5,415	2
e. Ammonia *(as N)*	0.2	230			<0.2	<102	2	mg/L	lbs	<0.2	<102	2
f. Flow	Value 138,240,000		Value		Value 122,500,000		1,004	gal/day	-	Value 122,500,000		1,004
g. Temperature *(winter)*	Value 31.7		Value		Value 28.1		271	°C		Value Not Available		-
h. Temperature *(summer)*	Value 37.2		Value		Value 35.1		279	°C		Value Not Available		-
i. pH	Minimum 7.29	Maximum 8.26	Minimum	Maximum			132	STANDARD UNTIS				

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' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSIS	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	☒	☐	54.3	62,604			48.4	49,448	2	mg/L	lbs	60.6	61,912	2
b. Chlorine, Total Residual	☒	☐	0.30	346			0.04	41	2	mg/L	lbs	0.02	20	2
c. Color	☒	☐	495	-			495	-	2	nm	-	498	-	2
d. Fecal Coliform	☒	☐	11	-			<5 g.mean	-	2	MPN/ 100ml	-	<2	-	2
e. Fluoride (16984-48-8)	☒	☐	7.1	8,186			3.7	3,780	2	mg/L	lbs	3.2	3,269	2
f. Nitrate-Nitrite *(as N)*	☒	☐	1.4	1,614			0.7	715	2	mg/L	lbs	<0.008	<4	2

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		2. EFFLUENT							3. UNITS (specify if blank)		4. 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)	☒	☐	0.5	576			0.4	409	2	mg/L	lbs	0.2	204	2
h. Oil and Grease	☒	☐	0.6	692			<0.5	<255	2	mg/L	lbs	<0.5	<255	2
i. Phosphorus (as P), Total (7723-14-0)	☒	☐	0.09	104			0.07	72	2	mg/L	lbs	0.11	112	2
j. Radioactivity														
(1) Alpha, Total	☐	☒												
(2) Beta, Total	☐	☒												
(3) Radium, Total	☐	☒												
(4) Radium 226, Total	☐	☒												
k. Sulfate (as SO_4) (14808-79-8)	☒	☐	2,730	3.1EE6			2,575	2.6EE6	2	mg/L	lbs	2,755	2.8EE6	2
l. Sulfide (as S)	☒	☐	<0.1	<58			<0.1	<51	2	mg/L	lbs	<0.1	<51	2
m. Sulfite (as SO_3)(14265-45-3)	☒	☐	<2	<1,153			<2	<1,022	2	mg/L	lbs	<2	<1,022	2
n. Surfactants	☒	☐	0.12	138			0.07	72	2	mg/L	lbs	0.06	61	2
o. Aluminum, Total (7429-90-5)	☒	☐	70.5	81			42.3	43	1	ug/L	lbs	68.1	70	2
p. Barium, Total (7440-39-3)	☒	☐	15.1	17			12.4	13	2	ug/L	lbs	8.9	9	2
q. Boron, Total (7440-42-8)	☒	☐	4.0	4,612			3.6	3,678	2	mg/L	lbs	3.8	3,882	2
r. Cobalt, Total (7440-48-4)	☒	☐	1.1	1			1.1	1	2	ug/L	lbs	1.2	1	2
s. Iron, Total (7439-89-4)	☒	☐	0.1	115			0.1	102	2	mg/L	lbs	0.1	102	2
t. Magnesium, Total (7439-95-4)	☒	☐	1,335	1.5EE6			1,276	1.3EE6	2	mg/L	lbs	1,658	1.7EE6	2
u. Molybdenum, Total (7439-98-7)	☒	☐	16.2	19			14.6	15	2	ug/L	lbs	13.9	14	2
v. Manganese, Total (7439-96-5)	☒	☐	11.1	13			8.6	9	2	ug/L	lbs	5.8	6	2
w. Tin, Total (7440-31-5)	☒	☐	0.3	346			0.2	204	2	mg/L	lbs	0.2	204	2
x. Titanium, Total (7440-32-6)	☒	☐	19.8	23			14.7	15	2	ug/L	lbs	16.0	16	2

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*001A*

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'			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 ANALYSES	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)	☒	☐	☐	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*3.8*	*4*	*8*
2M. Arsenic, Total (7440-38-2)	☒	☐	☐	*53*	*61*			*12.2*	*12*	"	*ug/L*	*lbs*	*13.0*	*13*	"
3M. Beryllium, Total (7440-41-7)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
4M. Cadmium, Total (7440-43-9)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
5M Chromium, Total (7440-47-3)	☒	☐	☐	*62*	*72*			*9.2*	*9*	"	*ug/L*	*lbs*	*9.6*	*10*	"
6M Copper, Total (7440-50-8)	☒	☐	☐	*ND*	-			*10.9*	*11*	"	*ug/L*	*lbs*	*10.2*	*10*	"
7M lead, Total (7439-92-1)	☒	☐	☐	*ND*	-			*0.8*	*<1*	"	*ug/L*	*lbs*	*1.0*	*1*	"
8M Mercury, Total (7439-97-6)	☒	☐	☐	*1.70*	*2*			*0.3*	*<1*	"	*ug/L*	*lbs*	*0.2*	*<1*	"
9M Nickel, Total (7440-02-0)	☒	☐	☐	*23*	*26*			*23.2*	*24*	"	*ug/L*	*lbs*	*21.4*	*22*	"
10M Selenium, Total (7782-49-2)	☒	☐	☐	*ND*	-			*4.5*	*5*	"	*ug/L*	*lbs*	*2.7*	*3*	"
11M Silver, Total (7440-22-4)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
12M Thallium, Total (7440-28-0)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
13M Zinc, Total (7440-66-6)	☒	☐	☐	*7*	*8*			*43.3*	*44*	"	*ug/L*	*lbs*	*51.2*	*52*	"
14M Cyanide, Total (57-12-5)	☒	☐	☐	*ND*	-			*0.7*	*<1*	"	*ug/L*	*lbs*	*0.7*	*<1*	"
15M Phenols, Total	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)	☒	☐	☐	DESCRIBE RESULTS *Not Detected*											

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 - VOLATILE COMPOUNDS															
1V Acrolein (107-02-8)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
2V Acrylonitrile (107-13-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3V Benzene (71-43-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4V Bis (Chloromethyl) Ether (542-88-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5V Bromoform (75-25-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6V Carbon Tetrachloride (56-23-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7V Chlorobenzene (108-90-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8V Chlorodibromomethane (124-48-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9V Chloroethane (75-00-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10V 2-Chloroethylvinyl Ether (110-75-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11V Chloroform (67-66-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12V Dichlorobromoethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13V Dichlorodifluoromethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14V 1,1-Dichloroethane (75-34-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15V 1,2-Dichloroethane (107-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16V 1,1-Dichloroethylene (75335-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17V 1,2-Dichloropropane (78-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18V 1,3-Dichloropropylene (542-76-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19V Ethylbenzene (100-41-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20V Methyl Bromide (74-83-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21V Methyl Chloride (74-87-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: CAD000633248

OUTFALL NUMBER: 001A

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 - VOLATILE COMPOUNDS *(continued)*															
22 V Methylene Chloride (75-09-2)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
23V 1,1,2,2-Tetrachloroethane (79-34-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24V Tetrachloroethylene (127-18-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25V Toluene (108-88-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26V 1,2-Trans-Dichloroethylene (156-60-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27V 1,1,1-Trichloroethane (71-55-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28V 1,1,2-Trichloroethane (79-00-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29V Trichloroethylene (79-01-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30V Trichlorofluoromethane (75-69-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31V Vinyl Chloride (75-01-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - ACID COMPOUNDS															
1A 2-Chlorophenol (95-57-8)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2A 2,4-Dichlorophenol (120-83-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3A 2,4-Dimethylphenol (105-67-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4A 4,6-Dinitro-O-cresol (534-52-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5A 2,4-Dinitrophenol (51-28-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6A 2-Nitrophenol (88-75-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7A 4-Nitrophenol (100-02-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8A P-Chloro-M-Cresol (59-50-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9A Pentachlorophenol (87-86-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10A Phenol (108-95-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11A 2,4,6-Trichlorophenol (88-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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															
1B Acenphthene (83-32-9)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2B Acenaphtylene (208-96-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3B Anthracene (120-12-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4B Benzidine (92-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5B Benzo (a) Anthracene (56-55-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6B Benzo (a) Pyrene (50-32-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7B 3,4 Benzo-fluoranthene (205-99-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8B Benzo *(ghi)* Perylene (191-24-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9B Benzo *(k)* Fluoranthene (207-08-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10B Bis *(2-Chloroethoxy)* Methane (111-91-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11B Bis *(2-Chloroethyl)* Ether (111-44-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12B Bis *(2-Chloroisopropyl)* Ether (102-80-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13B Bis *(2-Ethylhexyl)* Phthalate (117-81-7)	☐	☒	☐	2	2			"	-	"	"	"	1	1	"
14 B 4-Bromophenyl Phenyl Ether (101-55-3)	☐	☐	☒	ND	-			"	-	"	"	"	ND	-	"
15B Butyl Benzyl Phthalate (85-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16B 2-Chloronaphthalene (91-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17B 4-Chlorophenyl Phenyl Ether (7005-72-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18B Chrysene (218-01-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19B Dibenzo *(a,h)* Anthracene (53-70-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20B 1,2 Dichlorobenzene (95-50-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21B 1,3 Dichlorobenzene (541-73-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: *CAD000633248*

OUTFALL NUMBER: *001A*

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 - BASE/NEUTRAL COMPOUNDS *(continued)*															
22B 1,4-Dichlorobenzene (106-46-7)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23B 3,3'-Dichlorobenzidine (91-94-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24B Diethyl Phthalate (84-66-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25B Dimethyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26B Di-N-Butyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27B 2,4-Dinitrotoluene (121-14-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28B 2,6-Dinitrotoluene (606-20-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29B Di-N-Octyl Phthalate (117-84-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30B 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31B Fluoranthene (206-44-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
32B Fluorene (86-73-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
33B Hexachlorobenzene (118-74-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
34B Hexachlorobutadiene (87-68-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
35B Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
36B Hexachloroethane (67-72-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
37B Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
38B Isophorone (78-59-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
39B Naphalene (91-20-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
40B Nitrobenzene (98-95-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
41B N-Nitrosodimethylamine (62-75-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
42B N-Nitrosodi-N-Propylamine (621-64-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
44B Phenanthrene (85-01-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
45B Pyrene (129-00-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
46B 1,2,4-Trichlorobenzene (120-82-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - PESTICIDES															
1P Aldrin (309-00-2)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2P β-Bhc (319-85-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4P γ-BHC (58-89-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5P δ-BHC (319-86-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6P Chlordane (57-74-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7P 4,4'-DDT (50-29-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8P 4,4'-DDE (72-55-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9P 4,4'-DDD (72-54-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10P Dieldrin (60-57-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11P α-Endosulfan (115-29-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12P β-Endosulfan (115-29-7	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13P Endosulfan Sulfate (1031-07-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14P Endrin (72-20-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15P Endrin Aldehyde (7421-93-4)	☐	☐	☒	"	-			"	-	"	"	"	0.006	<0.01	"
16P Heptachlor (76-44-8)	☐	☐	☒	"	-			"	-	"	"	"	ND	-	"

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*001A*

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 - PESTICIDES *(continued)*															
17P Heptachlor Expxide (1024-57-3)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
18P PCB-1242 (53469-21-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19P PCB-1254 (11097-69-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20P PCB-1221 (11104-28-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21P PCB-1232 (11141-16-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
22P PCB-1248 (12672-29-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
23P PCB-1260 (11096-82-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24P PCB-1016 (12674-11-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25P Toxaphene (8001-35-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

Notes: 1. The Effluent Long-term Average is based on all six outfalls.
2. The Maximum Daily Value is based on a single sample from outfall 001A.

ND – Not Detected

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)*
CAD000633248

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 a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSIS	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	9	10,376			5	5,108	2	mg/L	lbs	4	4,087	2
b. Chemical Oxygen Demand *(COD)*	590	680,224			572	584,386	2	mg/L	lbs	540	551,691	2
c. Total Organic Carbon *(TOC)*	<0.2	<115			<0.2	<102	2	mg/L	lbs	<0.2	<102	2
d. Total Suspended Solids *(TSS)*	7.2	8,301			6.6	6,743	2	mg/L	lbs	5.3	5,415	2
e. Ammonia *(as N)*	<0.2	<115			<0.2	<102	2	mg/L	lbs	<0.2	<102	2
f. Flow	Value 138,240,000		Value		Value 122,500,000		1,004	gal/day	-	Value 122,500,000		1,004
g. Temperature *(winter)*	Value 31.7		Value		Value 28.1		271	°C		Value Not Available		-
h. Temperature *(summer)*	Value 37.2		Value		Value 35.1		279	°C		Value Not Available		-
i. pH	Minimum 7.29	Maximum 8.26	Minimum	Maximum			132	STANDARD UNTIS				

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' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSIS	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	☒	☐	61.8	71,251			61.0	62,321	2	mg/L	lbs	60.6	61,912	2
b. Chlorine, Total Residual	☒	☐	0.30	346			0.04	41	950	mg/L	lbs	0.02	20	2
c. Color	☒	☐	495	-			495	-	2	nm	-	498	-	2
d. Fecal Coliform	☒	☐	13	-			<4 g.mean	-	2	MPN/ 100ml	-	<2	-	2
e. Fluoride (16984-48-8)	☒	☐	<0.05	<29			<0.05	<26	2	mg/L	lbs	3.2	3,269	2
f. Nitrate-Nitrite *(as N)*	☒	☐	<0.01	<5			<0.008	<4	2	mg/L	lbs	<0.008	<4	2

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		2. EFFLUENT							3. UNITS (specify if blank)		4. 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)	☒	☐	0.3	346			0.2	204	2	mg/L	lbs	0.2	204	2
h. Oil and Grease	☒	☐	<0.5	<288			<0.5	<255	2	mg/L	lbs	<0.5	<255	2
i. Phosphorus (as P), Total (7723-14-0)	☒	☐	0.06	69			0.06	61	2	mg/L	lbs	0.11	112	2
j. Radioactivity														
(1) Alpha, Total	☐	☒												
(2) Beta, Total	☐	☒												
(3) Radium, Total	☐	☒												
(4) Radium 226, Total	☐	☒												
k. Sulfate (as SO_4) (14808-79-8)	☒	☐	2,690	3.1EE6			2,545	2.6EE6	2	mg/L	lbs	2,755	2.8EE6	2
l. Sulfide (as S)	☒	☐	<0.1	<58			<0.1	<51	2	mg/L	lbs	<0.1	<51	2
m. Sulfite (as SO_3) (14265-45-3)	☒	☐	<2	<1,153			<2	<1,022	2	mg/L	lbs	<2	<1,022	2
n. Surfactants	☒	☐	0.1	115			0.06	61	2	mg/L	lbs	0.06	61	2
o. Aluminum, Total (7429-90-5)	☒	☐	58.6	68			53.4	55	2	ug/L	lbs	68.1	70	2
p. Barium, Total (7440-39-3)	☒	☐	10.8	12			9.8	10	2	ug/L	lbs	8.9	9	2
q. Boron, Total (7440-42-8)	☒	☐	4.1	4,727			3.8	3,882	2	mg/L	lbs	3.8	3,882	2
r. Cobalt, Total (7440-48-4)	☒	☐	1.2	1			1.2	1	2	ug/L	lbs	1.2	1	2
s. Iron, Total (7439-89-4)	☒	☐	0.1	115			0.1	102	2	mg/L	lbs	0.1	102	2
t. Magnesium, Total (7439-95-4)	☒	☐	1,392	1.6EE6			1,374	1.4EE6	2	mg/L	lbs	1,658	1.7EE6	2
u. Molybdenum, Total (7439-98-7)	☒	☐	16.2	19			14.6	15	2	ug/L	lbs	13.9	14	2
v. Manganese, Total (7439-96-5)	☒	☐	11.1	13			8.6	9	2	ug/L	lbs	5.8	6	2
w. Tin, Total (7440-31-5)	☒	☐	0.3	346			0.2	204	2	mg/L	lbs	0.2	204	2
x. Titanium, Total (7440-32-6)	☒	☐	19.8	23			14.7	15	2	ug/L	lbs	16.0	16	2

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*001B*

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"			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	
METALS, CYANIDE, AND TOTAL PHENOLS															
1m Antimony, Total (7440-36-0)	☒	☐	☐	*ND*	*-*			*ND*	*-*	*8*	*ug/L*	*lbs*	*3.8*	*4*	*8*
2M Arsenic, Total (7440-38-2)	☒	☐	☐	*ND*	*-*			*12.2*	*12*	"	*ug/L*	*lbs*	*13.0*	*13*	"
3M Beryllium, Total (7440-41-7)	☒	☐	☐	*ND*	*-*			*ND*	*-*	"	*ug/L*	*lbs*	*ND*	*-*	"
4M Cadmium, Total (7440-43-9)	☒	☐	☐	*ND*	*-*			*ND*	*-*	"	*ug/L*	*lbs*	*ND*	*-*	"
5M Chromium, Total (7440-47-3)	☒	☐	☐	*1.4*	*2*			*9.2*	*9*	"	*ug/L*	*lbs*	*9.6*	*10*	"
6M Copper, Total (7440-50-8)	☒	☐	☐	*14.3*	*16*			*10.9*	*11*	"	*ug/L*	*lbs*	*10.2*	*10*	"
7M lead, Total (7439-92-1)	☒	☐	☐	*2.2*	*3*			*0.8*	*<1*	"	*ug/L*	*lbs*	*1.0*	*1*	"
8M Mercury, Total (7439-97-6)	☒	☐	☐	*ND*	*-*			*0.3*	*<1*	"	*ug/L*	*lbs*	*0.2*	*<1*	"
9M Nickel, Total (7440-02-0)	☒	☐	☐	*20.7*	*24*			*23.2*	*24*	"	*ug/L*	*lbs*	*21.4*	*22*	"
10M Selenium, Total (7782-49-2)	☒	☐	☐	*ND*	*-*			*4.5*	*5*	"	*ug/L*	*lbs*	*2.7*	*3*	"
11M Silver, Total (7440-22-4)	☒	☐	☐	*ND*	*-*			*ND*	*-*	"	*ug/L*	*lbs*	*ND*	*-*	"
12M Thallium, Total (7440-28-0)	☒	☐	☐	*ND*	*-*			*ND*	*-*	"	*ug/L*	*lbs*	*ND*	*-*	"
13M Zinc, Total (7440-66-6)	☒	☐	☐	*17*	*20*			*43.3*	*44*	"	*ug/L*	*lbs*	*51.2*	*52*	"
14M Cyanide, Total (57-12-5)	☒	☐	☐	*ND*	*-*			*0.7*	*<1*	"	*ug/L*	*lbs*	*0.7*	*<1*	"
15M Phenols, Total	☒	☐	☐	*ND*	*-*			*ND*	*-*	"	*ug/L*	*lbs*	*ND*	*-*	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)	☒	☐	☐	DESCRIBE RESULTS *Not Detected*											

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 ANALYSES	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)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2V Acrylonitrile (107-13-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3V Benzene (71-43-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4V Bis (Chloromethyl) Ether (542-88-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5V Bromoform (75-25-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6V Carbon Tetrachloride (56-23-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7V Chlorobenzene (108-90-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8V Chlorodibromomethane (124-48-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9V Chloroethane (75-00-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10V 2-Chloroethylvinyl Ether (110-75-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11V Chloroform (67-66-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12V Dichlorobromomethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13V Dichlorodifluoromethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14V 1,1-Dichloroethane (75-34-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15V 1,2-Dichloroethane (107-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16V 1,1-Dichloroethylene (75335-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17V 1,2-Dichloropropane (78-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18V 1,3-Dichloropropylene (542-76-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19V Ethylbenzene (100-41-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20V Methyl Bromide (74-83-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21V Methyl Chloride (74-87-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

CONTINUE ON PAGE V-5

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*001B*

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 ANALYSES	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)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23V 1,1,2,2-Tetrachloroethane (79-34-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24V Tetrachloroethylene (127-18-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25V Toluene (108-88-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26V 1,2-Trans-Dichloroethylene (156-60-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27V 1,1,1-Trichloroethane (71-55-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28V 1,1,2-Trichloroethane (79-00-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29V Trichloroethylene (79-01-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30V Trichlorofluoromethane (75-69-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31V Vinyl Chloride (75-01-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - ACID COMPOUNDS															
1A 2-Chlorophenol (95-57-8)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
2A 2,4-Dichlorophenol (120-83-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3A 2,4-Dimethylphenol (105-67-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4A 4,6-Dinitro-O-cresol (534-52-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5A 2,4-Dinitrophenol (51-28-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6A 2-Nitrophenol (88-75-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7A 4-Nitrophenol (100-02-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8A P-Chloro-M-Cresol (59-50-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9A Pentachlorophenol (87-86-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10A Phenol (108-95-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11A 2,4,6-Trichlorophenol (88-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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 ANALYSES	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)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
2B Acenaphtylene (208-96-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3B Anthracene (120-12-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4B Benzidine (92-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5B Benzo (a) Anthracene (56-55-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6B Benzo (a) Pyrene (50-32-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7B 3,4-Benzo-fluoranthene (205-99-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8B Benzo *(ghi)* Perylene (191-24-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9B Benzo *(k)* Fluoranthene (207-08-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10B Bis *(2-Chloroethoxy)* Methane (111-91-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11B Bis *(2-Chloro-ethyl)* Ether (111-44-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12B Bis *(2-Chloroisopropyl* Ether (102-60-1	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13B Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)	☐		*x*	"	-			"	-	"	"	"	*1*	*1*	"
14 B 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	☐	☒	"	-			"	-	"	"	"	*ND*	-	"
15B Butyl Benzyl Phthalate (85-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16B 2-Chloro-naphthalene (91-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17B 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18B Chrysene (218-01-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19B Dibenzo (a,h) Anthracene (53-70-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20B 1,2-Dichloro-benzene (95-50-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21B 1,3-Dichloro-benzene (541-73-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

CONTINUE ON PAGE V-7

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: *CAD000633248*

OUTFALL NUMBER: *001B*

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 (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSIS	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS - BASE/NEUTRAL COMPOUNDS *(continued)*															
22B 1,4-Dichlorobenzene (106-46-7)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23B 3,3-Dichlorobenzidine (91-94-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24B Diethyl Phthalate (84-66-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25B Dimethyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26B Di-N-Butyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27B 2,4-Dinitrotoluene (121-14-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28B 2,6-Dinitrotoluene (606-20-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29B Di-N-Octyl Phthalate (117-84-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30B 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31B Fluoranthene (206-44-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
32B Fluorene (86-73-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
33B Hexachlorobenzene (118-74-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
34B Hexachlorobutadiene (87-68-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
35B Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
36B Hexachloroethane (67-72-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
37B Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
38B Isophorone (78-59-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
39B Naphthalene (91-20-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
40B Nitrobenzene (98-95-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
41B N-Nitrosodimethylamine (62-75-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
42B N-Nitrosodi-N-Propylamine (621-64-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
44B Phenanthrene (85-01-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
45B Pyrene (129-00-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
46B 1,2,4-Trichlorobenzene (120-82-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - PESTICIDES															
1P Aldrin (309-00-2)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2P β-BHC (319-85-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4P γ-BHC (58-89-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5P δ-BHC (319-86-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6P Chlordane (57-74-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7P 4,4'-DDT (50-29-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8P 4,4'-DDE (72-55-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9P 4,4'-DDD (72-54-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10P Dieldrin (60-57-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11P α-Endosulfan (115-29-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12P β-Endosulfan (115-29-7	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13P Endosulfan Sulfate (1031-07-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14P Endrin (72-20-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15P Endrin Aldehyde (7421-93-4)	☐	☐	☒	"	-			"	-	"	"	"	0.006	<0.01	"
16P Heptachlor (76-44-8)	☐	☐	☒	"	-			"	-	"	"	"	ND	-	"

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*001B*

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 - PESTICIDES *(continued)*															
17P Heptachlor Epoxide (1024-57-3)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
18P PCB-1242 (53469-21-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19P PCB-1254 (11097-69-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20P PCB-1221 (11104-28-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21P PCB-1232 (11141-16-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
22P PCB-1248 (12672-29-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
23P PCB-1260 (11096-82-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24P PCB-1016 (12674-11-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25P Toxaphene (8001-35-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

Notes: 1. The Effluent Long-term Average is based on all six outfalls.
2. The Maximum Daily Value is based on a single sample from outfall 001B.

ND – Not Detected

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)*
CAD000633248

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 a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSIS	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	19	21,906			10	8,382	2	mg/L	lbs	4	3,353	2
b. Chemical Oxygen Demand *(COD)*	800	922,337			600	612,992	2	mg/L	lbs	540	452,612	2
c. Total Organic Carbon *(TOC)*	0.2	231			0.2	168	2	mg/L	lbs	<0.2	<84	2
d. Total Suspended Solids *(TSS)*	9.9	11,414			7.6	6,370	2	mg/L	lbs	5.3	4,442	2
e. Ammonia *(as N)*	<0.2	115			<0.2	<84	2	mg/L	lbs	<0.2	<84	2
f. Flow	Value 138,240,000		Value		Value 100,500,000		1,004	gal/day	-	Value 100,500,000		1,004
g. Temperature *(winter)*	Value 23.3		Value		Value 19.2		271	°C		Value Not Available		-
h. Temperature *(summer)*	Value 39.4		Value		Value 30.5		279	°C		Value Not Available		-
i. pH	Minimum 7.50	Maximum 8.21	Minimum	Maximum			132	STANDARD UNTIS				

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' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSIS	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	☒	☐	56.7	65,371			51.5	43,166	2	mg/L	lbs	60.6	50,793	2
b. Chlorine, Total Residual	☒	☐	0.20	231			0.04	34	950	mg/L	lbs	0.02	17	2
c. Color	☒	☐	495	-			495	-	2	nm	-	498	-	2
d. Fecal Coliform	☒	☐	7	-			<3 g.mean	-	2	MPN/ 100ml	-	<2	-	2
e. Fluoride (16984-48-8)	☒	☐	6.4	7,379			3.2	2,682	2	mg/L	lbs	3.2	2,682	2
f. Nitrate-Nitrite *(as N)*	☒	☐	<0.01	<5			<0.008	<4	2	mg/L	lbs	<0.008	<4	2

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		2. EFFLUENT							3. UNITS (specify if blank)		4. 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)	☒	☐	<0.2	<115			<0.2	<84	2	mg/L	lbs	0.2	168	2
h. Oil and Grease	☒	☐	0.5	576			<0.5	<210	2	mg/L	lbs	<0.5	<210	2
i. Phosphorus (as P), Total (7723-14-0)	☒	☐	0.16	184			0.12	100	2	mg/L	lbs	0.11	92	2
j. Radioactivity														
(1) Alpha, Total	☐	☒												
(2) Beta, Total	☐	☒												
(3) Radium, Total	☐	☒												
(4) Radium 226, Total	☐	☒												
k. Sulfate (as SO_4) (14808-79-8)	☒	☐	2,770	3.2EE6			2,720	2.3EE6	2	mg/L	lbs	2,755	2.3EE6	2
l. Sulfide (as S)	☒	☐	<0.1	<58			<0.1	<42	2	mg/L	lbs	<0.1	<42	2
m. Sulfite (as SO_3) (14265-45-3)	☒	☐	<2	<1,153			<2	<838	2	mg/L	lbs	<2	<838	2
n. Surfactants	☒	☐	0.1	115			0.06	50	2	mg/L	lbs	0.06	50	2
o. Aluminum, Total (7429-90-5)	☒	☐	60.6	70			34.8	29	2	ug/L	lbs	68.1	57	2
p. Barium, Total (7440-39-3)	☒	☐	9.0	10			8.8	7	2	ug/L	lbs	8.9	7	2
q. Boron, Total (7440-42-8)	☒	☐	4.0	4,612			3.7	3,101	2	mg/L	lbs	3.8	3,185	2
r. Cobalt, Total (7440-48-4)	☒	☐	1.3	1			1.2	1	2	ug/L	lbs	1.2	1	2
s. Iron, Total (7439-89-4)	☒	☐	0.1	115			0.1	84	2	mg/L	lbs	0.1	84	2
t. Magnesium, Total (7439-95-4)	☒	☐	1,398	1.5EE6			1,358	1.1EE6	2	mg/L	lbs	1,658	1.4EE6	2
u. Molybdenum, Total (7439-98-7)	☒	☐	15.7	18			14.6	12	2	ug/L	lbs	13.9	12	2
v. Manganese, Total (7439-96-5)	☒	☐	6.5	7			4.0	3	2	ug/L	lbs	5.8	5	2
w. Tin, Total (7440-31-5)	☒	☐	0.3	346			0.2	168	2	mg/L	lbs	0.2	168	2
x. Titanium, Total (7440-32-6)	☒	☐	16.8	19			16.8	14	2	ug/L	lbs	16.0	13	2

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*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'			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	
METALS, CYANIDE, AND TOTAL PHENOLS															
1m. Antimony, Total (7440-36-0)	☒	☐	☐	*3.4*	*4*			*ND*	*-*	*8*	*ug/L*	*lbs*	*3.8*	*3*	*8*
2M. Arsenic, Total (7440-38-2)	☒	☐	☐	*7.4*	*8*			*12.2*	*10*	*"*	*ug/L*	*lbs*	*13.0*	*11*	*"*
3M. Beryllium, Total (7440-41-7)	☒	☐	☐	*ND*	*-*			*ND*	*-*	*"*	*ug/L*	*lbs*	*ND*	*-*	*"*
4M. Cadmium, Total (7440-43-9)	☒	☐	☐	*ND*	*-*			*ND*	*-*	*"*	*ug/L*	*lbs*	*ND*	*-*	*"*
6M Chromium, Total (7440-47-3)	☒	☐	☐	*6*	*7*			*9.2*	*8*	*"*	*ug/L*	*lbs*	*9.6*	*8*	*"*
6M Copper, Total (7440-50-8)	☒	☐	☐	*16.2*	*19*			*10.9*	*9*	*"*	*ug/L*	*lbs*	*10.2*	*9*	*"*
7M lead, Total (7439-92-1)	☒	☐	☐	*1.1*	*1*			*0.8*	*1*	*"*	*ug/L*	*lbs*	*1.0*	*1*	*"*
8M Mercury, Total (7439-97-6)	☒	☐	☐	*ND*	*-*			*0.3*	*<1*	*"*	*ug/L*	*lbs*	*0.2*	*<1*	*"*
9M Nickel, Total (7440-02-0)	☒	☐	☐	*32.1*	*37*			*23.2*	*19*	*"*	*ug/L*	*lbs*	*21.4*	*18*	*"*
10M Selenium, Total (7782-49-2)	☒	☐	☐	*2*	*2*			*4.5*	*4*	*"*	*ug/L*	*lbs*	*2.7*	*2*	*"*
11M Silver, Total (7440-22-4)	☒	☐	☐	*0.6*	*1*			*ND*	*-*	*"*	*ug/L*	*lbs*	*ND*	*-*	*"*
12M Thallium, Total (7440-28-0)	☒	☐	☐	*ND*	*-*			*ND*	*-*	*"*	*ug/L*	*lbs*	*ND*	*-*	*"*
13M Zinc, Total (7440-66-6)	☒	☐	☐	*99.4*	*115*			*43.3*	*36*	*"*	*ug/L*	*lbs*	*51.2*	*43*	*"*
14M Cyanide, Total (57-12-5)	☒	☐	☐	*4*	*5*			*0.7*	*1*	*"*	*ug/L*	*lbs*	*0.7*	*1*	*"*
15M Phenols, Total	☒	☐	☐	*ND*	*-*			*ND*	*-*	*"*	*ug/L*	*lbs*	*ND*	*-*	*"*
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)	☒	☐	☐	DESCRIBE RESULTS *Not Detected*											

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 - VOLATILE COMPOUNDS															
1V Acrolein (107-02-8)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2V Acrylonitrile (107-13-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3V Benzene (71-43-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4V Bis (Chloromethyl) Ether (542-88-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5V Bromoform (75-25-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6V Carbon Tetrachloride (56-23-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7V Chlorobenzene (108-90-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8V Chlorodibromomethane (124-48-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9V Chloroethane (75-00-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10V 2-Chloroethylvinyl Ether (110-75-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11V Chloroform (67-66-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12V Dichlorobromomethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13V Dichlorodifluoromethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14V 1,1-Dichloroethane (75-34-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15V 1,2-Dichloroethane (107-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16V 1,1-Dichloroethylene (75335-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17V 1,2-Dichloropropane (78-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18V 1,3-Dichloropropylene (542-75-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19V Ethylbenzene (100-41-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20V Methyl Bromide (74-83-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21V Methyl Chloride (74-87-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*002A*

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 ANALYSES	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)*															
22V Methylene Chloride (75-09-2)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23V 1,1,2,2-Tetrachloroethane (79-34-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24V Tetrachloroethylene (127-18-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25V Toluene (108-88-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26V 1,2-Trans-Dichloroethylene (156-60-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27V 1,1,1-Trichloroethane (71-55-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28V 1,1,2-Trichloroethane (79-00-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29V Trichloroethylene (79-01-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30V Trichlorofluoromethane (75-69-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31V Vinyl Chloride (75-01-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - ACID COMPOUNDS															
1A 2-Chlorophenol (95-57-8)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
2A 2,4-Dichlorophenol (120-83-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3A 2,4-Dimethylphenol (105-67-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4A 4,6-Dinitro-O-cresol (534-52-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5A 2,4-Dinitrophenol (51-28-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6A 2-Nitrophenol (88-75-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7A 4-Nitrophenol (100-02-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8A P-Chloro-M-Cresol (59-50-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9A Pentachlorophenol (87-86-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10A Phenol (108-95-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11A 2,4,6-Trichlorophenol (88-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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															
1B Acenphthene (83-32-9)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
2B Acenaphylene (208-96-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3B Anthracene (120-12-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4B Benzidine (92-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5B Benzo (a) Anthracene (56-55-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6B Benzo (a) Pyrene (50-32-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7B 3,4-Benzo-fluoranthene (205-99-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8B Benzo *(ghi)* Perylene (191-24-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9B Benzo *(k)* Fluoranthene (207-08-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10B Bis *(2-Chloroethoxy)* Methane (111-91-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11B Bis *(2-Chloro-ethyl)* Ether (111-44-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12B Bis *(2-Chloroisopropyl)* Ether (102-60-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13B Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)	☐		*x*	"	-			"	-	"	"	"	*1*	*1*	"
14 B 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	☐	☒	"	-			"	-	"	"	"	*ND*	-	"
15B Butyl Benzyl Phthalate (85-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16B 2-Chloro-naphthalene (91-58-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17B 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18B Chrysene (218-01-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19B Dibenzo *(a,h)* Anthracene (53-70-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20B 1,2-Dichloro-benzene (95-50-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21B 1,3-Dichloro-benzene (541-73-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

CONTINUE ON PAGE V-7

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*002A*

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 (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS - BASE/NEUTRAL COMPOUNDS *(continued)*															
22B 1,4-Dichlorobenzene (106-46-7)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23B 3,3-Dichlorobenzidine (91-94-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24B Diethyl Phthalate (84-66-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25B Dimethyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26B Di-N-Butyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27B 2,4-Dinitrotoluene (121-14-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28B 2,6-Dinitrotoluene (606-20-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29B Di-N-Octyl Phthalate (117-84-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30B 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31B Fluoranthene (206-44-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
32B Fluorene (86-73-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
33B Hexachlorobenzene (118-74-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
34B Hexachlorobutadiene (87-68-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
35B Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
36B Hexachloroethane (67-72-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
37B Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
38B Isophorone (78-59-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
39B Naphthalene (91-20-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
40B Nitrobenzene (98-95-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
41B N-Nitrosodimethylamine (62-75-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
42B N-Nitrosodi-N-Propylamine (621-64-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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 ANALYSES	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)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
44B Phenanthrene (85-01-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
45B Pyrene (129-00-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
46B 1,2,4-Trichlorobenzene (120-82-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - PESTICIDES															
1P Aldrin (309-00-2)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2P β-Bhc (319-85-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4P γ-BHC (58-89-9)	☐	☐	☒	0.003	<0.01			"	-	"	"	"	"	-	"
5P δ-BHC (319-86-8)	☐	☐	☒	ND	-			"	-	"	"	"	"	-	"
6P Chlordane (57-74-9)	☐	☐	☒	0.006	<0.01			"	-	"	"	"	"	-	"
7P 4,4'-DDT (50-29-3)	☐	☐	☒	0.01	0.01			"	-	"	"	"	"	-	"
8P 4,4'-DDE (72-55-9)	☐	☐	☒	ND	-			"	-	"	"	"	"	-	"
9P 4,4'-DDD (72-54-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10P Dieldrin (60-57-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11P α-Endosulfan (115-29-7)	☐	☐	☒	0.005	<0.01			"	-	"	"	"	"	-	"
12P β-Endosulfan (115-29-7)	☐	☐	☒	ND	-			"	-	"	"	"	"	-	"
13P Endosulfan Sulfate (1031-07-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14P Endrin (72-20-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15P Endrin Aldehyde (7421-93-4)	☐	☐	☒	0.01	0.01			"	-	"	"	"	0.006	<0.01	"
16P Heptachlor (76-44-8)	☐	☐	☒	ND	-			"	-	"	"	"	ND	-	"

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*002A*

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 - PESTICIDES *(continued)*															
17P Heptachlor Expxide (1024-57-3)	☐	☐	☒	*0.003*	*<0.01*			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
18P PCB-1242 (53469-21-9)	☐	☐	☒	*ND*	-			"	-	"	"	"	"	-	"
19P PCB-1254 (11097-69-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20P PCB-1221 (11104-28-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21P PCB-1232 (11141-16-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
22P PCB-1248 (12672-29-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
23P PCB-1260 (11096-82-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24P PCB-1016 (12674-11-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25P Toxaphene (8001-35-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

Notes: 1. The Effluent Long-term Average is based on all six outfalls.
2. The Maximum Daily Value is based on two samples from outfall 002A.

ND – Not Detected

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)*
CAD000633248

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 a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSIS	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	19	21,906			10	8,382	2	mg/L	lbs	4	3,353	2
b. Chemical Oxygen Demand *(COD)*	800	922,337			600	612,992	2	mg/L	lbs	540	452,612	2
c. Total Organic Carbon *(TOC)*	0.2	231			0.2	168	2	mg/L	lbs	<0.2	<84	2
d. Total Suspended Solids *(TSS)*	9.9	11,414			7.6	6,370	2	mg/L	lbs	5.3	4,442	2
e. Ammonia *(as N)*	<0.2	115			<0.2	<84	2	mg/L	lbs	<0.2	<84	2
f. Flow	Value 138,240,000		Value		Value 100,500,000		1,004	gal/day	-	Value 100,500,000		1,004
g. Temperature *(winter)*	Value 23.3		Value		Value 19.2		271	°C		Value Not Available		-
h. Temperature *(summer)*	Value 39.4		Value		Value 30.5		279	°C		Value Not Available		-
i. pH	Minimum 7.50	Maximum 8.21	Minimum	Maximum			132	STANDARD UNTIS				

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' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSIS	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	☒	☐	56.7	65,371			51.5	43,166	2	mg/L	lbs	60.6	50,793	2
b. Chlorine, Total Residual	☒	☐	0.20	231			0.04	34	950	mg/L	lbs	0.02	17	2
c. Color	☒	☐	495	-			495	-	2	nm	-	498	-	2
d. Fecal Coliform	☒	☐	7	-			<3 g.mean	-	2	MPN/ 100ml	-	<2	-	2
e. Fluoride (16984-48-8)	☒	☐	6.4	7,379			3.2	2,682	2	mg/L	lbs	3.2	2,682	2
f. Nitrate-Nitrite *(as N)*	☒	☐	<0.01	<5			<0.008	<4	2	mg/L	lbs	<0.008	<4	2

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		2. EFFLUENT							3. UNITS (specify if blank)		4. 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)	☒	☐	<0.2	<115			<0.2	<84	2	mg/L	lbs	0.2	168	2
h. Oil and Grease	☒	☐	0.5	576			<0.5	<210	2	mg/L	lbs	<0.5	<210	2
i. Phosphorus (as P), Total (7723-14-0)	☒	☐	0.16	184			0.12	100	2	mg/L	lbs	0.11	92	2
j. Radioactivity														
(1) Alpha, Total	☐	☒												
(2) Beta, Total	☐	☒												
(3) Radium, Total	☐	☒												
(4) Radium 226, Total	☐	☒												
k. Sulfate (as SO_4) (14808-79-8)	☒	☐	2,770	3.2EE6			2,720	2.3EE6	2	mg/L	lbs	2,755	2.3EE6	2
l. Sulfide (as S)	☒	☐	<0.1	<58			<0.1	<42	2	mg/L	lbs	<0.1	<42	2
m. Sulfite (as SO_3)(14265-45-3)	☒	☐	<2	<1,153			<2	<838	2	mg/L	lbs	<2	<838	2
n. Surfactants	☒	☐	0.1	115			0.06	50	2	mg/L	lbs	0.06	50	2
o. Aluminum, Total (7429-90-5)	☒	☐	60.6	70			34.8	29	2	ug/L	lbs	68.1	57	2
p. Barium, Total (7440-39-3)	☒	☐	9.0	10			8.8	7	2	ug/L	lbs	8.9	7	2
q. Boron, Total (7440-42-8)	☒	☐	4.0	4,612			3.7	3,101	2	mg/L	lbs	3.8	3,185	2
r. Cobalt, Total (7440-48-4)	☒	☐	1.3	1			1.2	1	2	ug/L	lbs	1.2	1	2
s. Iron, Total (7439-89-4)	☒	☐	0.1	115			0.1	84	2	mg/L	lbs	0.1	84	2
t. Magnesium, Total (7439-95-4)	☒	☐	1,398	1.5EE6			1,358	1.1EE6	2	mg/L	lbs	1,658	1.4EE6	2
u. Molybdenum, Total (7439-98-7)	☒	☐	15.7	18			14.6	12	2	ug/L	lbs	13.9	12	2
v. Manganese, Total (7439-96-5)	☒	☐	6.5	7			4.0	3	2	ug/L	lbs	5.8	5	2
w. Tin, Total (7440-31-5)	☒	☐	0.3	346			0.2	168	2	mg/L	lbs	0.2	168	2
x. Titanium, Total (7440-32-6)	☒	☐	16.8	19			16.8	14	2	ug/L	lbs	16.0	13	2

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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
CAD000633248	*002B*

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'			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	
METALS, CYANIDE, AND TOTAL PHENOLS															
1m. Antimony, Total (7440-36-0)	☒	☐	☐	*ND*	-			*ND*	-	8	ug/L	lbs	3.8	3	8
2M. Arsenic, Total (7440-38-2)	☒	☐	☐	*ND*	-			*12.2*	10	"	ug/L	lbs	13.0	11	"
3M. Beryllium, Total (7440-41-7)	☒	☐	☐	*ND*	-			*ND*	-	"	ug/L	lbs	ND	-	"
4M. Cadmium, Total (7440-43-9)	☒	☐	☐	*ND*	-			*ND*	-	"	ug/L	lbs	ND	-	"
5M Chromium, Total (7440-47-3)	☒	☐	☐	*ND*	-			*9.2*	8	"	ug/L	lbs	9.6	8	"
6M Copper, Total (7440-50-8)	☒	☐	☐	*9.6*	*11*			*10.9*	9	"	ug/L	lbs	10.2	9	"
7M lead, Total (7439-92-1)	☒	☐	☐	*0.6*	*1*			*0.8*	1	"	ug/L	lbs	1.0	1	"
8M Mercury, Total (7439-97-6)	☒	☐	☐	*ND*	-			*0.3*	<1	"	ug/L	lbs	0.2	<1	"
9M Nickel, Total (7440-02-0)	☒	☐	☐	*21.7*	*25*			*23.2*	19	"	ug/L	lbs	21.4	18	"
10M Selenium, Total (7782-49-2)	☒	☐	☐	*ND*	-			*4.5*	4	"	ug/L	lbs	2.7	2	"
11M Silver, Total (7440-22-4)	☒	☐	☐	*ND*	-			*ND*	-	"	ug/L	lbs	ND	-	"
12M Thallium, Total (7440-28-0)	☒	☐	☐	*ND*	-			*ND*	-	"	ug/L	lbs	ND	-	"
13M Zinc, Total (7440-66-6)	☒	☐	☐	*8.6*	*10*			*43.3*	36	"	ug/L	lbs	51.2	43	"
14M Cyanide, Total (57-12-5)	☒	☐	☐	*ND*	-			*0.7*	1	"	ug/L	lbs	0.7	1	"
15M Phenols, Total	☒	☐	☐	*ND*	-			*ND*	-	"	ug/L	lbs	ND	-	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)	☒	☐	☐	DESCRIBE RESULTS *Not Detected*											

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 ANALYSES	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)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2V Acrylonitrile (107-13-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3V Benzene (71-43-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4V Bis (Chloromethyl) Ether (542-88-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5V Bromoform (75-25-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6V Carbon Tetrachloride (56-23-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7V Chlorobenzene (108-90-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8V Chlorodibromomethane (124-48-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9V Chloroethane (75-00-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10V 2-Chloroethylvinyl Ether (110-75-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11V Chloroform (67-66-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12V Dichlorobromoethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13V Dichlorodifluoromethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14V 1,1-Dichloroethane (75-34-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15V 1,2-Dichloroethane (107-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16V 1,1-Dichloroethylene (75335-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17V 1,2-Dichloropropane (78-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18V 1,3-Dichloropropylene (542-75-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19V Ethylbenzene (100-41-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20V Methyl Bromide (74-83-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21V Methyl Chloride (74-87-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: *CAD000633248*

OUTFALL NUMBER: *002B*

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 ANALYSES	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)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23V 1,1,2,2-Tetrachloroethane (79-34-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24V Tetrachloroethylene (127-18-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25V Toluene (108-88-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26V 1,2-Trans-Dichloroethylene (156-60-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27V 1,1,1-Trichloroethane (71-55-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28V 1,1,2-Trichloroethane (79-00-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29V Trichloroethylene (79-01-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30V Trichlorofluoromethane (75-69-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31V Vinyl Chloride (75-01-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - ACID COMPOUNDS															
1A 2-Chlorophenol (95-57-8)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
2A 2,4-Dichlorophenol (120-83-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3A 2,4-Dimethylphenol (105-67-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4A 4,6-Dinitro-O-cresol (534-52-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5A 2,4-Dinitrophenol (51-28-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6A 2-Nitrophenol (88-75-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7A 4-Nitrophenol (100-02-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8A P-Chloro-M-Cresol (59-50-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9A Pentachlorophenol (87-86-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10A Phenol (108-95-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11A 2,4,6-Trichlorophenol (88-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSIS	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B Acenaphthene (83-32-9)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2B Acenaphylene (208-96-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3B Anthracene (120-12-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4B Benzidine (92-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5B Benzo (a) Anthracene (56-55-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6B Benzo (a) Pyrene (50-32-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7B 3,4-Benzo-fluoranthene (205-99-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8B Benzo *(ghi)* Perylene (191-24-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9B Benzo *(k)* Fluoranthene (207-08-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10B Bis *(2-Chloroethoxy)* Methane (111-91-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11B Bis *(2-Chloro-ethyl)* Ether (111-44-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12B Bis *(2-Chloroisopropyl)* Ether (102-60-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13B Bis *(2-Ethyl-hexyl)* Phinalate (117-81-7)	☐	☒	☐	6	7			"	-	"	"	"	1	1	"
14 B 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	☐	☒	ND	-			"	-	"	"	"	ND	-	"
15B Butyl Benzyl Phthalate (85-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16B 2-Chloro-naphthalene (91-58-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17B 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18B Chrysene (218-01-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19B Dibenzo *(a,h)* Anthracene (53-70-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20B 1,2-Dichloro-benzene (95-50-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21B 1,3-Dichloro-benzene (541-73-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: *CAD000633248*

OUTFALL NUMBER: *002B*

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 (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS - BASE/NEUTRAL COMPOUNDS *(continued)*															
22B 1,4-Dichlorobenzene (106-46-7)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23B 3,3-Dichlorobenzidine (91-94-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24B Diethyl Phthalate (84-66-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25B Dimethyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26B Di-N-Butyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27B 2,4-Dinitrotoluene (121-14-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28B 2,6-Dinitrotoluene (606-20-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29B Di-N-Octyl Phthalate (117-84-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30B 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31B Fluoranthene (206-44-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
32B Fluorene (86-73-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
33B Hexachlorobenzene (118-74-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
34B Hexachlorobutadiene (87-68-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
35B Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
36B Hexachloroethane (67-72-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
37B Indeno (1,2,3-cd) Pyrene (193-39-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
38B Isophorone (78-59-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
39B Naphthalene (91-20-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
40B Nitrobenzene (98-95-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
41B N-Nitrosodimethylamine (62-75-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
42B N-Nitrosodi-N-Propylamine (621-64-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
44B Phenanthrene (85-01-/	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
45B Pyrene (129-00-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
46B 1,2,4-Trichlorobenzene (120-82-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - PESTICIDES															
1P Aldrin (309-00-2)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2P β-Bhc (319-85-7)	☐	☐	☒	0.01	0.01			"	-	"	"	"	"	-	"
4P γ-BHC (58-89-9)	☐	☐	☒	ND	-			"	-	"	"	"	"	-	"
5P δ-BHC (319-86-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6P Chlordane (57-74-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7P 4,4'-DDT (50-29-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8P 4,4'-DDE (72-55-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9P 4,4'-DDD (72-54-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10P Dieldrin (60-57-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11P α-Endosulfan (115-29-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12P β-Endosulfan (115-29-7	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13P Endosulfan Sulfate (1031-07-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14P Endrin (72-20-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15P Endrin Aldehyde (7421-93-4)	☐	☐	☒	0.01	0.01			"	-	"	"	"	0.006	<0.01	"
16P Heptachlor (76-44-8)	☐	☐	☒	ND	-			"	-	"	"	"	ND	-	"

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	***002B***

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 - PESTICIDES *(continued)*															
17P Heptachlor Expxide (1024-57-3)	☐	☐	☒	***ND***	-			***ND***	-	***8***	***ug/L***	***lbs***	***ND***	-	***8***
18P PCB-1242 (53469-21-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19P PCB-1254 (11097-69-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20P PCB-1221 (11104-28-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21P PCB-1232 (11141-16-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
22P PCB-1248 (12672-29-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
23P PCB-1260 (11096-82-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24P PCB-1016 (12674-11-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25P Toxaphene (8001-35-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

Note: 1. The Effluent Long-term Average is based on all six outfalls.
2. The Maximum Daily Value is based on a single sample from outfall 002B.

ND – Not Detected

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)*
CAD000633248

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 a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSIS	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	8	15,372			5	5,761	2	mg/L	lbs	4	5,121	2
b. Chemical Oxygen Demand *(COD)*	600	1.2EE6			500	640,095	2	mg/L	lbs	540	691,303	2
c. Total Organic Carbon *(TOC)*	0.4	769			0.3	384	2	mg/L	lbs	<0.2	<256	2
d. Total Suspended Solids *(TSS)*	5.6	10,761			5.4	6,849	2	mg/L	lbs	5.3	6,785	2
e. Ammonia *(as N)*	<0.2	<192			<0.2	<128	2	mg/L	lbs	<0.2	<128	2
f. Flow	Value 230,400,000		Value		Value 153,500,000		1,004	gal/day	-	Value 153,500,000		1,004
g. Temperature *(winter)*	Value 27.8		Value		Value 23.3		271	°C		Value Not Available		-
h. Temperature *(summer)*	Value 36.1		Value		Value 32.8		279	°C		Value Not Available		-
i. pH	Minimum 7.48	Maximum 8.88	Minimum	Maximum			132	STANDARD UNTIS				

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' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSIS	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	☒	☐	60.2	115,676			56.8	72,779	2	mg/L	lbs	60.6	77,580	2
b. Chlorine, Total Residual	☒	☐	0.30	576			0.02	26	950	mg/L	lbs	0.02	26	2
c. Color	☒	☐	495	-			495	-	2	nm	-	498	-	2
d. Fecal Coliform	☒	☐	30	-			5 g.mean	-	2	MPN/ 100ml	-	<2	-	2
e. Fluoride (16984-48-8)	☒	☐	6.9	13,259			3.5	4,481	2	mg/L	lbs	3.2	4,097	2
f. Nitrate-Nitrite *(as N)*	☒	☐	1.4	2,690			0.7	899	2	mg/L	lbs	<0.008	5	2

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK "X"		2. EFFLUENT							3. UNITS *(specify if blank)*		4. 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)*	☒	☐	*0.3*	*576*			*0.2*	*256*	*2*	*mg/L*	*lbs*	*0.2*	*256*	*2*
h. Oil and Grease	☒	☐	*0.5*	*961*			*0.5*	*640*	*2*	*mg/L*	*lbs*	*<0.5*	*<320*	*2*
i. Phosphorus *(as P)*, Total (7723-14-0)	☒	☐	*0.13*	*250*			*0.10*	*128*	*2*	*mg/L*	*lbs*	*0.11*	*141*	*2*
j. Radioactivity														
(1) Alpha, Total	☐	☒												
(2) Beta, Total	☐	☒												
(3) Radium, Total	☐	☒												
(4) Radium 226, Total	☐	☒												
k. Sulfate *(as SO_4)* *(14808-79-8)*	☒	☐	*2,840*	*5.4EE6*			*2,605*	*3.3EE6*	*2*	*mg/L*	*lbs*	*2,755*	*3.5EE6*	*2*
l. Sulfide (as S)	☒	☐	*<0.1*	*<96*			*<0.1*	*<64*	*2*	*mg/L*	*lbs*	*<0.1*	*<64*	*2*
m. Sulfite *(as SO_3)(14265-45-3)*	☒	☐	*<2*	*<1,922*			*<2*	*<1,280*	*2*	*mg/L*	*lbs*	*<2*	*<1,280*	*2*
n. Surfactants	☒	☐	*0.1*	*192*			*0.06*	*77*	*2*	*mg/L*	*lbs*	*0.06*	*77*	*2*
o. Aluminum, Total (7429-90-5)	☒	☐	*82.3*	*158*			*65.4*	*84*	*2*	*ug/L*	*lbs*	*68.1*	*87*	*2*
p. Barium, Total (7440-39-3)	☒	☐	*14.7*	*28*			*13.8*	*18*	*2*	*ug/L*	*lbs*	*8.9*	*11*	*2*
q. Boron, Total (7440-42-8)	☒	☐	*4.1*	*7,878*			*3.6*	*4,609*	*2*	*mg/L*	*lbs*	*3.8*	*4,865*	*2*
r. Cobalt, Total (7440-48-4)	☒	☐	*1.7*	*3*			*1.4*	*2*	*2*	*ug/L*	*lbs*	*1.2*	*20*	*2*
s. Iron, Total (7439-89-4)	☒	☐	*0.1*	*192*			*0.1*	*128*	*2*	*mg/L*	*lbs*	*0.1*	*128*	*2*
t. Magnesium, Total (7439-95-4)	☒	☐	*1,345*	*2.6EE6*			*1,310*	*1.7EE6*	*2*	*mg/L*	*lbs*	*1,658*	*2.1EE6*	*2*
u. Molybdenum, Total (7439-98-7)	☒	☐	*15.6*	*30*			*15.2*	*19*	*2*	*ug/L*	*lbs*	*13.9*	*18*	*2*
v. Manganese, Total (7439-96-5)	☒	☐	*29.2*	*37*			*20.6*	*26*	*2*	*ug/L*	*lbs*	*5.8*	*7*	*2*
w. Tin, Total (7440-31-5)	☒	☐	*0.3*	*576*			*0.2*	*320*	*2*	*mg/L*	*lbs*	*0.2*	*320*	*2*
x. Titanium, Total (7440-32-6)	☒	☐	*19.5*	*37*			*14.8*	*19*	*2*	*ug/L*	*lbs*	*16.0*	*20*	*2*

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*003A*

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"			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 ANALYSES	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)	☒	☐	☐	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*3.8*	*5*	*8*
2M. Arsenic, Total (7440-38-2)	☒	☐	☐	*ND*	-			*12.2*	*16*	"	*ug/L*	*lbs*	*13.0*	*17*	"
3M. Beryllium, Total (7440-41-7)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
4M. Cadmium, Total (7440-43-9)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
5M Chromium, Total (7440-47-3)	☒	☐	☐	*1.6*	*3*			*9.2*	*12*	"	*ug/L*	*lbs*	*9.6*	*12*	"
6M Copper, Total (7440-50-8)	☒	☐	☐	*11.9*	*23*			*10.9*	*14*	"	*ug/L*	*lbs*	*10.2*	*13*	"
7M lead, Total (7439-92-1)	☒	☐	☐	*0.7*	*1*			*0.8*	*1*	"	*ug/L*	*lbs*	*1.0*	*1*	"
8M Mercury, Total (7439-97-6)	☒	☐	☐	*ND*	-			*0.3*	*<1*	"	*ug/L*	*lbs*	*0.2*	*<1*	"
9M Nickel, Total (7440-02-0)	☒	☐	☐	*30.8*	*59*			*23.2*	*30*	"	*ug/L*	*lbs*	*21.4*	*27*	"
10M Selenium, Total (7782-49-2)	☒	☐	☐	*2.2*	*4*			*4.5*	*6*	"	*ug/L*	*lbs*	*2.7*	*3*	"
11M Silver, Total (7440-22-4)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
12M Thallium, Total (7440-28-0)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
13M Zinc, Total (7440-66-6)	☒	☐	☐	*183.6*	*353*			*43.3*	*55*	"	*ug/L*	*lbs*	*51.2*	*66*	"
14M Cyanide, Total (57-12-5)	☒	☐	☐	*ND*	-			*0.7*	*1*	"	*ug/L*	*lbs*	*0.7*	*1*	"
15M Phenols, Total	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)	☒	☐	☐	DESCRIBE RESULTS *Not Detected*											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. TESTING REQUIRED	2. MARK 'X' b. BELIEVED PRESENT	2. MARK 'X' c. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	2. EFFLUENT a. MAXIMUM DAILY VALUE (2) MASS	2. EFFLUENT b. MAXIMUM 30 DAY VALUE (If available) (1) CONCENTRATION	2. EFFLUENT b. MAXIMUM 30 DAY VALUE (If available) (2) MASS	2. EFFLUENT c. LONG TERM AVRG. VALUE (If available) (1) CONCENTRATION	2. EFFLUENT c. LONG TERM AVRG. VALUE (If available) (2) MASS	2. EFFLUENT d. NO. OF ANALYSIS	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS (specify if blank) b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE (optional) b. NO. OF ANALYSES
GC/MS - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2V Acrylonitrile (107-13-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3V Benzene (71-43-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4V Bis (Chloromethyl) Ether (542-88-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5V Bromoform (75-25-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6V Carbon Tetrachloride (56-23-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7V Chlorobenzene (108-90-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8V Chlorodibromomethane (124-48-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9V Chloroethane (75-00-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10V 2-Chloroethylvinyl Ether (110-75-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11V Chloroform (67-66-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12V Dichlorobromoethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13V Dichlorodifluoromethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14V 1,1-Dichloroethane (75-34-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15V 1,2-Dichloroethane (107-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16V 1,1-Dichloroethylene (75335-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17V 1,2-Dichloropropane (78-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18V 1,3-Dichloropropylene (542-76-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19V Ethylbenzene (100-41-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20V Methyl Bromide (74-83-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21V Methyl Chloride (74-87-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*003A*

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 ANALYSES	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)*															
22V Methylene Chloride (75-09-2)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23V 1,1,2,2-Tetrachloroethane (79-34-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24V Tetrachloroethylene (127-18-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25V Toluene (108-88-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26V 1,2-Trans-Dichloroethylene (156-60-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27V 1,1,1-Trichloroethane (71-55-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28V 1,1,2-Trichloroethane (79-00-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29V Trichloroethylene (79-01-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30V Trichlorofluoromethane (75-69-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31V Vinyl Chloride (75-01-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - ACID COMPOUNDS															
1A 2-Chlorophenol (95-57-8)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
2A 2,4-Dichlorophenol (120-83-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3A 2,4-Dimethylphenol (105-67-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4A 4,6-Dinitro-O-cresol (534-52-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5A 2,4-Dinitrophenol (51-28-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6A 2-Nitrophenol (88-75-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7A 4-Nitrophenol (100-02-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8A P-Chloro-M-Cresol (59-50-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9A Pentachlorophenol (87-86-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10A Phenol (108-95-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11A 2,4,6-Trichlorophenol (88-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSIS	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B Acenaphthene (83-32-9)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2B Acenaphtylene (208-96-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3B Anthracene (120-12-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4B Benzidine (92-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5B Benzo (a) Anthracene (56-55-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6B Benzo (a) Pyrene (50-32-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7B 3,4-Benzo-fluoranthene (205-99-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8B Benzo *(ghi)* Perylene (191-24-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9B Benzo *(k)* Fluoranthene (207-08-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10B Bis *(2-Chloroethoxy)* Methane (111-91-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11B Bis *(2-Chloroethyl)* Ether (111-44-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12B Bis *(2-Chloroisopropyl)* Ether (102-60-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13B Bis *(2-Ethylhexyl)* Phthalate (117-81-7)	☐	☒	☐	1	2			"	-	"	"	"	1	1	"
14 B 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	☐	☒	ND	-			"	-	"	"	"	ND	-	"
15B Butyl Benzyl Phthalate (85-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16B 2-Chloro-naphthalene (91-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17B 4-Chloro-phenyl Phenyl Ether (7005-72-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18B Chrysene (218-01-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19B Dibenzo *(a,h)* Anthracene (53-70-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20B 1,2 Dichloro-benzene (95-50-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21B 1,3-Dichloro-benzene (541-73-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: *CAD000633248*

OUTFALL NUMBER: *003A*

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 (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS - BASE/NEUTRAL COMPOUNDS *(continued)*															
22B 1,4-Dichlorobenzene (106-46-7)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23B 3,3-Dichlorobenzidine (91-94-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24B Diethyl Phthalate (84-66-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25B Dimethyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26B Di-N-Butyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27B 2,4-Dinitrotoluene (121-14-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28B 2,6-Dinitrotoluene (606-20-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29B Di-N-Octyl Phthalate (117-84-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30B 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31B Fluoranthene (206-44-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
32B Fluorene (86-73-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
33B Hexachlorobenzene (118-74-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
34B Hexachlorobutadiene (87-68-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
35B Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
36B Hexachloroethane (67-72-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
37B Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
38B Isophorone (78-59-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
39B Naphthalene (91-20-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
40B Nitrobenzene (98-95-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
41B N-Nitrosodimethylamine (62-75-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
42B N-Nitrosodi-N-Propylamine (621-64-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B N-Nitrosodiphenylamine (86-30-6)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
44B Phenanthrene (85-01-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
45B Pyrene (129-00-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
46B 1,2,4-Trichlorobenzene (120-82-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - PESTICIDES															
1P Aldrin (309-00-2)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2P β-Bhc (319-85-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4P γ-BHC (58-89-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5P δ-BHC (319-86-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6P Chlordane (57-74-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7P 4,4'-DDT (50-29-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8P 4,4'-DDE (72-55-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9P 4,4'-DDD (72-54-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10P Dieldrin (60-57-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11P α-Endosulfan (115-29-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12P β-Endosulfan (115-29-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13P Endosulfan Sulfate (1031-07-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14P Endrin (72-20-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15P Endrin Aldehyde (7421-93-4)	☐	☐	☒	"	-			"	-	"	"	"	0.006	<0.01	"
16P Heptachlor (76-44-8)	☐	☐	☒	"	-			"	-	"	"	"	ND	-	"

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: *CAD000633248*

OUTFALL NUMBER: *003A*

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 - PESTICIDES *(continued)*															
17P Heptachlor Expoxide (1024-57-3)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
18P PCB-1242 (53469-21-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19P PCB-1254 (11097-69-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20P PCB-1221 (11104-28-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21P PCB-1232 (11141-16-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
22P PCB-1248 (12672-29-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
23P PCB-1260 (11096-82-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24P PCB-1016 (12674-11-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25P Toxaphene (8001-35-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

Notes: 1. The Effluent Long-term Average is based on all six outfalls.
2. The Maximum Daily Value is based on two samples from outfall 003A.

ND – Not Detected

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)*
CAD000633248

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 a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSIS	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS *(specify if blank)* b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE *(optional)* b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	18	34,588			14	17,923	2	mg/L	lbs	4	5,121	2
b. Chemical Oxygen Demand *(COD)*	385	739,791			342	437,825	2	mg/L	lbs	540	691,303	2
c. Total Organic Carbon *(TOC)*	0.2	384			0.2	256	2	mg/L	lbs	<0.2	<256	2
d. Total Suspended Solids *(TSS)*	6.5	12,490			6.0	7,681	2	mg/L	lbs	5.3	6,785	2
e. Ammonia *(as N)*	<0.2	<192			<0.2	<128	2	mg/L	lbs	<0.2	<128	2
f. Flow	Value 230,400,000		Value		Value 153,500,000		1,004	gal/day	-	Value 153,500,000		1,004
g. Temperature *(winter)*	Value 27.8		Value		Value 23.3		271	°C		Value Not Available		-
h. Temperature *(summer)*	Value 36.1		Value		Value 32.8		279	°C		Value Not Available		-
i. pH	Minimum 7.48	Maximum 8.88	Minimum	Maximum			132	STANDARD UNTIS				

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' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSIS	3. UNITS *(specify if blank)* a. CONCENTRATION	3. UNITS *(specify if blank)* b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE *(optional)* b. NO. OF ANALYSES
a. Bromide (24959-67-9)	☒	☐	62.3	119,712			61.8	79,052	2	mg/L	lbs	60.6	77,580	2
b. Chlorine, Total Residual	☒	☐	0.30	576			0.02	26	950	mg/L	lbs	0.02	26	2
c. Color	☒	☐	495	-			495	-	2	nm	-	498	-	2
d. Fecal Coliform	☒	☐	2	-			<2 g.mean	-	2	MPN/ 100ml	-	<2	-	2
e. Fluoride (16984-48-8)	☒	☐	6.8	13,066			3.4	4,353	2	mg/L	lbs	3.2	4,097	2
f. Nitrate-Nitrite *(as N)*	☒	☐	<0.01	8			<0.008	5	2	mg/L	lbs	<0.008	5	2

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		2. EFFLUENT							3. UNITS (specify if blank)		4. 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)	☒	☐	0.3	576			0.2	256	2	mg/L	lbs	0.2	256	2
h. Oil and Grease	☒	☐	<0.5	<480			<0.5	<320	2	mg/L	lbs	<0.5	<320	2
i. Phosphorus (as P), Total (7723-14-0)	☒	☐	0.06	115			<0.05	<32	2	mg/L	lbs	0.11	141	2
j. Radioactivity														
(1) Alpha, Total	☐	☒												
(2) Beta, Total	☐	☒												
(3) Radium, Total	☐	☒												
(4) Radium 226, Total	☐	☒												
k. Sulfate (as SO_4) (14808-79-8)	☒	☐	2,820	5.4EE6			2,745	3.5EE6	2	mg/L	lbs	2,755	3.5EE6	2
l. Sulfide (as S)	☒	☐	<0.1	<96			<0.1	<64	2	mg/L	lbs	<0.1	<64	2
m. Sulfite (as SO_3)(14265-45-3)	☒	☐	<2	<1,922			<2	<1,280	2	mg/L	lbs	<2	<1,280	2
n. Surfactants	☒	☐	0.1	192			0.06	77	2	mg/L	lbs	0.06	77	2
o. Aluminum, Total (7429-90-5)	☒	☐	51.5	99			50.0	64	2	ug/L	lbs	68.1	87	2
p. Barium, Total (7440-39-3)	☒	☐	9.6	18			9.0	12	2	ug/L	lbs	8.9	11	2
q. Boron, Total (7440-42-8)	☒	☐	3.9	7,494			3.6	4,609	2	mg/L	lbs	3.8	4,865	2
r. Cobalt, Total (7440-48-4)	☒	☐	1.5	3			1.4	2	2	ug/L	lbs	1.2	20	2
s. Iron, Total (7439-89-4)	☒	☐	0.1	192			0.1	128	2	mg/L	lbs	0.1	128	2
t. Magnesium, Total (7439-95-4)	☒	☐	1,408	2.7EE6			1,320	1.7EE6	2	mg/L	lbs	1,658	2.1EE6	2
u. Molybdenum, Total (7439-98-7)	☒	☐	15.6	30			14.9	19	2	ug/L	lbs	13.9	18	2
v. Manganese, Total (7439-96-5)	☒	☐	6.1	37			5.9	8	2	ug/L	lbs	5.8	7	2
w. Tin, Total (7440-31-5)	☒	☐	0.3	576			0.2	320	2	mg/L	lbs	0.2	320	2
x. Titanium, Total (7440-32-6)	☒	☐	16.8	32			15.3	20	2	ug/L	lbs	16.0	20	2

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*003B*

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"			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 ANALYSES	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)	☒	☐	☐	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*3.8*	*5*	*8*
2M. Arsenic, Total (7440-38-2)	☒	☐	☐	*22.5*	*43*			*12.2*	*16*	"	*ug/L*	*lbs*	*13.0*	*17*	"
3M. Beryllium, Total (7440-41-7)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
4M. Cadmium, Total (7440-43-9)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
5M Chromium, Total (7440-47-3)	☒	☐	☐	*ND*	-			*9.2*	*12*	"	*ug/L*	*lbs*	*9.6*	*12*	"
6M Copper, Total (7440-50-8)	☒	☐	☐	*11.0*	*21*			*10.9*	*14*	"	*ug/L*	*lbs*	*10.2*	*13*	"
7M lead, Total (7439-92-1)	☒	☐	☐	*ND*	-			*0.8*	*1*	"	*ug/L*	*lbs*	*1.0*	*1*	"
8M Mercury, Total (7439-97-6)	☒	☐	☐	*ND*	-			*0.3*	*<1*	"	*ug/L*	*lbs*	*0.2*	*<1*	"
9M Nickel, Total (7440-02-0)	☒	☐	☐	*11.9*	*23*			*23.2*	*30*	"	*ug/L*	*lbs*	*21.4*	*27*	"
10M Selenium, Total (7782-49-2)	☒	☐	☐	*27.3*	*52*			*4.5*	*6*	"	*ug/L*	*lbs*	*2.7*	*3*	"
11M Silver, Total (7440-22-4)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
12M Thallium, Total (7440-28-0)	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
13M Zinc, Total (7440-66-6)	☒	☐	☐	*6.1*	*12*			*43.3*	*55*	"	*ug/L*	*lbs*	*51.2*	*66*	"
14M Cyanide, Total (57-12-5)	☒	☐	☐	*ND*	-			*0.7*	*1*	"	*ug/L*	*lbs*	*0.7*	*1*	"
15M Phenols, Total	☒	☐	☐	*ND*	-			*ND*	-	"	*ug/L*	*lbs*	*ND*	-	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)	☒	☐	☐	DESCRIBE RESULTS *Not Detected*											

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 - VOLATILE COMPOUNDS															
1V Acrolein (107-02-8)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2V Acrylonitrile (107-13-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3V Benzene (71-43-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4V Bis (Chloromethyl) Ether (542-88-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5V Bromoform (75-25-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6V Carbon Tetrachloride (56-23-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7V Chlorobenzene (108-90-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8V Chlorodibromomethane (124-48-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9V Chloroethane (75-00-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10V 2-Chloroethylvinyl Ether (110-75-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11V Chloroform (67-66-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12V Dichlorobromomethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13V Dichlorodifluoromethane (75-71-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14V 1,1-Dichloroethane (75-34-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15V 1,2-Dichloroethane (107-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16V 1,1-Dichloroethylene (75335-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17V 1,2-Dichloropropane (78-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18V 1,3-Dichloropropylene (542-76-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19V Ethylbenzene (100-41-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20V Methyl Bromide (74-83-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21V Methyl Chloride (74-87-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*003B*

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 ANALYSES	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)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23V 1,1,2,2-Tetrachloroethane (79-34-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24V Tetrachloroethylene (127-18-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25V Toluene (108-88-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26V 1,2-Trans-Dichloroethylene (156-60-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27V 1,1,1-Trichloroethane (71-55-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28V 1,1,2-Trichloroethane (79-00-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29V Trichloroethylene (79-01-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30V Trichlorofluoromethane (75-69-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31V Vinyl Chloride (75-01-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - ACID COMPOUNDS															
1A 2-Chlorophenol (95-57-8)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
2A 2,4-Dichlorophenol (120-83-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3A 2,4-Dimethylphenol (105-67-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4A 4,6-Dinitro-O-cresol (534-52-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5A 2,4-Dinitrophenol (51-28-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6A 2-Nitrophenol (88-75-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7A 4-Ntrophenol (100-02-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8A P-Chloro-M-Cresol (59-50-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9A Pentachlorophenol (87-86-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10A Phenol (10-95-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11A 2,4,6-Trichlorophenol (88-06-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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 ANALYSES	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)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
2B Acenaphylene (208-96-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
3B Anthracene (120-12-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4B Benzidine (92-87-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5B Benzo (a) Anthracene (56-55-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6B Benzo (a) Pyrene (50-32-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7B 3,4-Benzo-fluoranthene (205-99-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8B Benzo *(ghi)* Perylene (191-24-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9B Benzo *(k)* Fluoranthene (207-08-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10B Bis *(2-Chloroethoxy)* Methane (111-91-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11B Bis *(2-Chloro-ethyl)* Ether (111-44-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12B Bis *(2-Chloroisepropyl)* Ether (102-60-1	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13B Bis *(2-Etnyl-hexyl)* Phthalate (117-81-7)	☐	☒	☐	"	-			"	-	"	"	"	*1*	*1*	"
14 B 4-Bromo-phenyl Phenyl Ether (101-55-3)	☐	☐	☒	"	-			"	-	"	"	"	*ND*	-	"
15B Butyl Benzyl Phthalate (85-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
16B 2-Chloro-naphthalene (91-68-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
17B 4-Chloro-phenyl Phenyl Ether (7005-72-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
18B Chrysene (218-01-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
19B Dibenzo *(a,h)* Anthracene (53-70-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20B 1,2-Dichloro-benzene (95-50-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21B 1,3-Dichloro-benzene (541-73-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: *CAD000633248*

OUTFALL NUMBER: *003B*

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 - BASE/NEUTRAL COMPOUNDS *(continued)*															
22B 1,4-Dichlorobenzene (106-46-7)	☐	☐	☒	*ND*	-			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
23B 3,3'-Dichlorobenzidine (91-94-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24B Diethyl Phthalate (84-66-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25B Dimethyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
26B Di-N-Butyl Phthalate (131-11-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
27B 2,4-Dinitrotoluene (121-14-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
28B 2,6-Dinitrotoluene (606-20-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
29B Di-N-Octyl Phthalate (117-84-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
30B 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
31B Fluoranthene (206-44-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
32B Fluorene (86-73-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
33B Hexachlorobenzene (118-74-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
34B Hexachlorobutadiene (87-68-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
35B Hexachlorocyclopentadiene (77-47-4)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
36B Hexachloroethane (67-72-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
37B Indeno *(1,2,3-cd)* Pyrene (193-39-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
38B Isophorone (78-59-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
39B Naphthalene (91-20-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
40B Nitrobenzene (98-95-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
41B N-Nitrosodimethylamine (62-75-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
42B N-Nitrosodi-N-Propylamine (621-64-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

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)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
44B Phenanthrene (85-01-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
45B Pyrene (129-00-0)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
46B 1,2,4-Trichlorobenzene (120-82-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
GC/MS FRACTION - PESTICIDES															
1P Aldrin (309-00-2)	☐	☐	☒	ND	-			ND	-	8	ug/L	lbs	ND	-	8
2P β-Bhc (319-85-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
4P γ-BHC (58-89-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
5P δ-BHC (319-86-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
6P Chlordane (57-74-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
7P 4,4'-DDT (50-29-3)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
8P 4,4'-DDE (72-55-9)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
9P 4,4'-DDD (72-54-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
10P Dieldrin (60-57-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
11P α-Endosulfan (115-29-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
12P β-Endosulfan (115-29-7)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
13P Endosulfan Sulfate (1031-07-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
14P Endrin (72-20-8)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
15P Endrin Aldehyde (7421-93-4)	☐	☐	☒	"	-			"	-	"	"	"	0.006	<0.01	"
16P Heptachlor (76-44-8)	☐	☐	☒	"	-			"	-	"	"	"	ND	-	"

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
CAD000633248	*003B*

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 - PESTICIDES *(continued)*															
17P Heptachlor Expoxide (1024-57-3)	☐	☐	☒	*0.004*	*<0.01*			*ND*	-	*8*	*ug/L*	*lbs*	*ND*	-	*8*
18P PCB-1242 (53469-21-9)	☐	☐	☒	*ND*	-			"	-	"	"	"	"	-	"
19P PCB-1254 (11097-69-1)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
20P PCB-1221 (11104-28-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
21P PCB-1232 (11141-16-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
22P PCB-1248 (12672-29-6)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
23P PCB-1260 (11096-82-5)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
24P PCB-1016 (12674-11-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"
25P Toxaphene (8001-35-2)	☐	☐	☒	"	-			"	-	"	"	"	"	-	"

Notes: 1. The Effluent Long-term Average is based on all six outfalls.
2. The Maximum Daily Value is based on a single sample from outfall 003B.

ND – Not Detected