West Region Operations
7251 Amigo Street, Suite 120
Las Vegas, NV 89119
Tel: 702-407-4800
Fax: 702-407-4852

October 5, 2005

Mr. Jonathan Bishop, Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

Subject: **Reliant Ormond Beach Generating Station**
NPDES Permit Renewal Application
NPDES Permit No. CA0001198

Dear Mr. Bishop:

The Reliant Ormond Beach Generating (Ormond) station is a 1,500 megawatt station located on the California coast at 6635 South Edison Drive in the City of Oxnard, Ventura County. Ormond discharges up to 688.2 million gallons/day of water consisting of once-through cooling water from two steam electric units (four condenser halves), metal cleaning wastes, and low volume wastes (including softener regeneration wastes, fireside and air preheater washes, floor drains, and boiler blowdown) into the Pacific Ocean.

This application package contains EPA Form 1, EPA Form 2C, and California EPA Form 200. Information to support these forms is provided in the Appendices A-E provided at the end of the document.

Should you require additional information regarding the permit application, please contact Julie Babcock at (702) 407-4880.

Sincerely,

R.W. Lawhn
Environmental Director

Enclosure:

Ormond Permit Application

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

State of California
Regional Water Quality Control Board

APPLICATION/REPORT OF WASTE DISCHARGE
GENERAL INFORMATION FORM FOR
WASTE DISCHARGE REQUIREMENTS OR NPDES PERMIT

I. FACILITY INFORMATION

A. Facility:

Name: Ormond Beach Generating Station			
Address: 6635 South Edison Drive			
City: Oxnard	County: Ventura	State: CA	Zip Code: 93033
Contact Person: John Mihatov		Telephone Number: 805-986-7241	

B. Facility Owner:

Name: Reliant Energy Ormond Beach Inc.			Owner Type (Check One) 1. ☐ Individual 2. ☑ Corporation
Address: 6635 South Edison Drive			3. ☐ Governmental Agency 4. ☐ Partnership
City: Oxnard	State: CA	Zip Code: 93033	5. ☐ Other:
Contact Person: John Mihatov	Telephone Number: 805-986-7241	Federal Tax ID: 760573510	

C. Facility Operator (The agency or business, not the person):

Name: Same as facility owner			Operator Type (Check One) 1. ☐ Individual 2. ☑ Corporation
Address:			3. ☐ Governmental Agency 4. ☐ Partnership
City:	State:	Zip Code:	5. ☐ Other:
Contact Person:	Telephone Number:		

D. Owner of the Land:

Name: Same as Facility Owner			Owner Type (Check One) 1. ☐ Individual 2. ☑ Corporation
Address:			3. ☐ Governmental Agency 4. ☐ Partnership
City:	State:	Zip Code:	5. ☐ Other:
Contact Person:	Telephone Number:		

E. Address Where Legal Notice May Be Served:

Address: 6635 South Edison Drive		
City: Oxnard	State: CA	Zip Code: 93033
Contact Person: John Mihatov	Telephone Number: 805-986-7241	

F. Billing Address:

Address: Same as facility owner		
City:	State:	Zip Code:
Contact Person:	Telephone Number:	

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

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APPLICATION/REPORT OF WASTE DISCHARGE GENERAL INFORMATION FORM FOR WASTE DISCHARGE REQUIREMENTS OR NPDES PERMIT

II. TYPE OF DISCHARGE

Check Type of Discharge(s) Described in this Application (A or B):

☐ **A. WASTE DISCHARGE TO LAND** ☑ **B. WASTE DISCHARGE TO SURFACE WATER**

Check all that apply:

- ☐ Domestic/Municipal Wastewater Treatment and Disposal
- ☑ Cooling Water
- ☐ Mining
- ☐ Waste Pile
- ☐ Wastewater Reclamation
- ☐ Other, please describe: _____
- ☐ Animal Waste Solids
- ☐ Land Treatment Unit
- ☐ Dredge Material Disposal
- ☐ Surface Impoundment
- ☑ Industrial Process Wastewater
- ☐ Animal or Aquacultural Wastewater
- ☐ Biosolids/Residual
- ☐ Hazardous Waste (see instructions)
- ☐ Landfill (see instructions)
- ☐ Storm Water

III. LOCATION OF THE FACILITY

Describe the physical location of the facility.

1. Assessor's Parcel Number(s)	2. Latitude	3. Longitude
Facility: 231-0-040-280	**Facility:** Ormond Beach	**Facility:** Ormond Beach
Discharge Point: 001	**Discharge Point:** 34 07' 26"	**Discharge Point:** 119 10' 24"

IV. REASON FOR FILING

- ☐ New Discharge or Facility
- ☐ Changes in Ownership/Operator (see instructions)
- ☐ Change in Design or Operation
- ☑ Waste Discharge Requirements Update or NPDES Permit Reissuance
- ☐ Change in Quantity/Type of Discharge
- ☐ Other: _____

V. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

Name of Lead Agency: SWRCB

Has a public agency determined that the proposed project is exempt from CEQA? ☑ **Yes** ☐ **No**

If Yes, state the basis for the exemption and the name of the agency supplying the exemption on the line below.

Basis for Exemption/Agency: Statutory/State Water Resources Control Board

Has a "Notice of Determination" been filed under CEQA? ☐ **Yes** ☐ **No**

If Yes, enclose a copy of the CEQA document, Environmental Impact Report, or Negative Declaration. If no, identify the expected type of CEQA document and expected date of completion.

Expected CEQA Documents:

☐ **EIR** ☐ **Negative Declaration** **Expected CEQA Completion Date:** _____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

State of California
Regional Water Quality Control Board

APPLICATION/REPORT OF WASTE DISCHARGE GENERAL INFORMATION FORM FOR WASTE DISCHARGE REQUIREMENTS OR NPDES PERMIT

VI. OTHER REQUIRED INFORMATION

Please provide a COMPLETE characterization of your discharge. A complete characterization includes, but is not limited to, design and actual flows, a list of constituents and the discharge concentration of each constituent, a list of other appropriate waste discharge characteristics, a description and schematic drawing of all treatment processes, a description of any Best Management Practices (BMPs) used, and a description of disposal methods.

Also include a site map showing the location of the facility and, if you are submitting this application for an NPDES permit, identify the surface water to which you propose to discharge. Please try to limit your maps to a scale of 1:24,000 (7.5' USGS Quadrangle) or a street map, if more appropriate.

VII. OTHER

Attach additional sheets to explain any responses which need clarification. List attachments with titles and dates below:

See NPDES Permit renewal application

You will be notified by a representative of the RWQCB within 30 days of receipt of your application. The notice will state if your application is complete or if there is additional information you must submit to complete your Application/Report of Waste Discharge, pursuant to Division 7, Section 13260 of the California Water Code.

VIII. CERTIFICATION

"I certify under penalty of law that this document, including all attachments and supplemental information, were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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."

Print Name: R.W. Lawhn Title: Environmental Director

Signature: R W Lawhn Date: 10/05/05

FOR OFFICE USE ONLY

Date Form 200 Received:	Letter to Discharger:	Fee Amount Received:	Check #:

NPDES Application Supplemental Requirements

I. Pollutants Analysis/Measurements

Analysis/measurement for the following pollutants should accompany the NPDES application for discharges of wastewater to surface waters.

Table I. List of Pollutants Analysis/Measurements

ID Num.	Pollutant	Quantitation Level	Screening Levels		Minimum Levels (ML)
			MUN[a]	Others[b]	
		Unit – (µg/L)	Unit – (µg/L)		Unit – (µg/L)
	Metals[(a)]				
1097	Antimony (Sb)	ND (5.0)	14	4300	5
1000	Arsenic (As)	ND (10.0)	50	36	10
1012	Beryllium (Be)	ND (1.0)	4	--	0.5
1027	Cadmium (Cd)	ND (2.0)	2.4	9.4	0.5
1033	Chromium III (Cr3+)		50	--	10
1032	Chromium VI (Cr6+)	ND (20.0)	11	50	5
1119	Copper (Cu)	ND (5.0)	9.4	3.7	0.5
720	Cyanide (CN)	ND (50.0)	5.2	--	5
1051	Lead (Pb)	8.46	3.2	8.5	0.5
71900	Mercury (Hg)	ND (0.20)	0.050	0.051	0.2
1067	Nickel (Ni)	ND (5.0)	52	8.3	1
1147	Selenium (Se)	ND (10.0)	5.0	71	2
1077	Silver (Ag)	ND (2.0)	4	2.2	0.25
1059	Thallium (Ti)	ND (10.0)	1.7	6.3	1
1092	Zinc (Zn)	ND (5.0)	122	86	20
	(a) = Metals concentrations are expressed as total recoverable				
	Volatile Organic Compounds				
34496	1,1 Dichloroethane	ND (1.0)	5	5	1
34501	1,1 Dichloroethylene	ND (1.0)	0.057	3.2	0.5
34506	1,1,1 Trichloroethane	ND (1.0)	200	200	2
34511	1,1,2 Trichloroethane	ND (1.0)	0.60	42	0.5
34516	1,1,2,2 Tetrachloroethane	ND (1.0)	0.17	11	0.5
34536	1,2 Dichlorobenzene	ND (1.0)	600	17000	0.5
32103	1,2 Dichloroethane	ND (0.50)	0.38	99	0.5
34541	1,2 Dichloropropane	ND (1.0)	0.52	39	0.5
34549	1,2-Trans Dichloroethylene	ND (1.0)	10	140000	1
34566	1,3 Dichlorobenzene	ND (1.0)	400	2600	2
34561	1,3 Dichloropropylene	ND (0.5)	0.5	0.5	0.5
34571	1,4 Dichlorobenzene	ND (1.0)	5	0.5	0.5
34576	2-Chloroethyl vinyl ether	ND (10.0)	--	--	1
34210	Acrolein		100	100	5
34215	Acrylonitrile		0.059	0.66	2.0
34030	Benzene	ND (0.50)	1.0	1.0	0.5
32104	Bromoform	ND (1.0)	4.3	360	0.5
32102	Carbon Tetrachloride	ND (0.50)	0.25	4.4	0.5
34301	Chlorobenzene	ND (1.0)	30	21000	2
34306	Chlorodibromo-methane	ND (1.0)	0.401	34	0.5
85811	Chloroethane	ND (1.0)	100	100	2
32106	Chloroform	ND (1.0)	100	100	2
32101	Dichlorobromo-methane	ND (1.0)	0.56	46	0.5
78113	Ethylbenzene	ND (1.0)	700	700	2
34413	Methyl Bromide	ND (10.0)	10	4000	2
34418	Methylene Chloride	ND (5.0)	4.7	1600	0.5
34475	Tetrachloroethylene	ND (1.0)	0.8	0.85	0.5
34010	Toluene	ND (1.0)	150	150	2
39180	Trichloroethylene	ND (1.0)	2.7	5	0.5
39175	Vinyl Chloride	ND (0.50)	0.5	0.5	0.5
63	Xylenes	ND (0.5)	1750	1750	na
	Acetone	ND (25.0)	700	700	na
	Ethylene Dibromide		0.05	0.05	na
	Methyl Chloride	ND (10.0)	3	3	0.5

[a] Applies to water with Municipal and Domestic Supply (MUN) (indicated with E and I in the Basin Plan) beneficial uses designations.

[b] Applies to all other receiving waters.

ID Num	Pollutant	Quantitation Level	Screening Levels		Minimum Levels (ML)
			MUN[a]	Others[b]	
		Unit -- (µg/L)	Unit -- (µg/L)		Unit -- (µg/L)
	Methyl ethyl ketone		700	700	na
	Pesticides and PCBs				
39310	4,4'-DDD	ND (0.05)	0.00083	0.00084	0.05
39320	4,4'-DDE	ND (0.05)	0.00059	0.00059	0.05
39300	4,4'-DDT	ND (0.05)	0.00059	0.00059	0.01
78428	Alpha-Endosulfan	ND (0.05)	0.056	0.0087	0.02
39336	Alpha-BHC	ND(0.05)	0.0039	0.013	0.01
39330	Aldrin	ND (0.05)	0.00013	0.00014	0.005
34356	Beta-Endosulfan	ND (0.05)	0.056	0.0087	0.01
39338	beta-BHC	ND (0.05)	0.014	0.046	0.005
39350	Chlordane	ND (0.05)	0.00057	0.00059	0.1
34198	delta-BHC	ND (0.05)	--	--	0.005
39380	Dieldrin	ND (0.05)	0.00014	0.00014	0.01
34351	Endosulfan Sulfate	ND (0.05)	110	240	0.05
39390	Endrin	ND (0.05)	0.036	0.0023	0.01
34366	Endrin Aldehyde	ND (0.05)	0.76	0.81	0.01
39410	Heptachlor	ND (0.05)	0.00021	0.00021	0.01
39420	Heptachlor Epoxide	ND (0.05)	0.0001	0.00011	0.01
39340	gamma-BHC	ND (0.05)	0.019	0.063	0.02
4166	PCB 1016	ND (0.5)	0.00017	0.00017	0.5
4166	PCB 1221	ND (0.5)	0.00017	0.00017	0.5
4166	PCB 1232	ND (0.5)	0.00017	0.00017	0.5
4166	PCB 1242	ND (0.5)	0.00017	0.00017	0.5
4166	PCB 1248	ND (0.5)	0.00017	0.00017	0.5
4166	PCB 1254	ND (0.5)	0.00017	0.00017	0.5
4166	PCB 1260	ND (0.5)	0.00017	0.00017	0.5
39400	Toxaphene	ND (2.0)	0.00073	0.00075	0.5
	Semi - Volatile Organic Compounds				
34536	1,2 Dichlorobenzene	ND (5.4)	600	17000	0.5
34346	1,2 Diphenylhydrazine	ND (2.2)	0.040	0.54	1
34551	1,2,4 Trichlorobenzene	ND (5.4)	70	--	5
34566	1,3 Dichlorobenzene	ND (5.4)	400	2600	2
34571	1,4 Dichlorobenzene	ND (5.4)	5	2600	2
34586	2 Chlorophenol	ND (5.4)	120	400	5
34601	2,4 Dichlorophenol	ND (5.4)	93	790	5
34606	2,4 Dimethylpheno	ND (5.4)	540	2300	2
34616	2,4 Dinitrophenol	ND (27.0)	70	14000	5
34611	2,4 Dinitrotoluene	ND (5.4)	0.11	9.1	5
34624	2,4,6 Trichlorophenol	ND (5.4)	2.1	6.5	10
34626	2,6 Dinitrotoluene	ND (5.4)	--	--	5
34591	2-Nitrophenol	ND (11.0)	--	--	10
34581	2-Chloronaphthalene	ND (5.4)	1700	4300	10
34631	3,3' Dichlorobenzidine	ND (5.4)	0.04	0.077	5
	3-Methyl-4-Chlorophenol		--	--	1
3615	2-Methyl-4,6-Dinitrophenol	ND (27)	13	765	5
34646	4-Nitrophenol	ND (5.4)	--	--	5
34636	4-Bromophenyl phenyl ether	ND (5.4)	--	--	5
34641	4-Chlorophenyl phenyl ether	ND (5.4)	--	--	5
34205	Acenaphthene	ND (5.4)	1200	2700	1
34200	Acenaphthylene	ND (5.4)	--	--	10
34220	Anthracene	ND (5.4)	9600	110000	5
39120	Benzidine	ND (54.0)	0.00012	0.00054	5
34526	Benzo (a) Anthracene	ND (5.4)	0.0044	0.049	5
34247	Benzo (a) Pyrene	ND (5.4)	0.0044	0.049	2
34230	Benzo (b) Fluoranthene	ND (5.4)	0.0044	0.049	10
34521	Benzo (g,h,i) Perylene	ND (5.0)	--	--	5
34242	Benzo (k) Fluoranthene	ND (5.0)	0.0044	0.049	2
34278	Bis (2-Chloroethoxyl) methane	ND (11.0)	--	--	5
34273	Bis(2-Chloroethyl) ether	ND (11.0)	0.031	1.4	1
34283	Bis(2-Chloroisopropyl) ether	ND (5.4)	1400	170000	10
39100	Bis(2-Ethylhexyl) phthalate	ND (5.4)	1.8	5.9	5
34292	Butyl benzyl phthalate	ND (5.4)	3000	5200	10
34320	Chrysene	ND (5.4)	0.0044	0.049	5
34556	Dibenzo(a,h)-anthracene	ND (5.4)	0.0044	0.049	0.1

ID Num.	Pollutant	Quantitation Level	Screening Levels		Minimum Levels (ML)
			MUN[a]	Others[b]	
		Unit -- (µg/L)	Unit -- (µg/L)		Unit -- (µg/L)
34336	Diethyl phthalate	ND (5.4)	23000	120000	10
34341	Dimethyl phthalate	ND (5.4)	313000	2900000	10
39110	di-n-Butyl phthalate	ND (5.4)	2700	12000	10
34596	di-n-Octyl phthalate	ND (5.4)	--	--	10
34376	Fluoranthene	ND (5.4)	300	370	10
34381	Fluorene	ND (5.4)	1300	14000	10
39700	Hexachlorobenzene	ND (5.4)	0.00075	0.00077	1
39702	Hexachlorobutadiene		0.44	50	1
34386	Hexachloro-cyclopentadiene	ND (16.0)	50	17000	5
34396	Hexachloroethane	ND (5.4)	1.9	8.9	1
34403	Indeno(1,2,3,cd)-pyrene	ND (5.4)	0.0044	0.049	0.05
34408	Isophorone	ND (5.4)	8.4	600	1
34438	N-Nitrosodimethyl amine (NDMA)	ND (11.0)	0.00069	8.1	5
34428	N-Nitroso-di-n-propyl amine	ND (5.4)	0.005	1.4	5
34433	N-Nitrosodiphenyl amine	ND (5.4)	5.0	16	1
34696	Naphthalene	ND (5.4)	21	--	10
34447	Nitrobenzene	ND (27.0)	17	1900	10
39032	Pentachlorophenol	ND (5.4)	0.28	7.9	1
34461	Phenanthrene	ND (5.4)	--	--	5
34694	Phenol	ND (5.4)	21000	4600000	50
34469	Pyrene	ND (5.4)	960	11000	10
	Miscellaneous				
82698	2,3,7,8-TCDD (Dioxin)		1.3E-08	1.3E-08	na
948	Asbestos (in fibers/L k.s.)		7000000	7000000	na
	Perchlorate		4	4	na
	1,4-Dioxane		3	3	na
	Methyl tertiary butyl ether (MTBE)	ND (1.0)	5	5	2
	Di-isopropyl Ether (DIPE)	ND (2.0)	0.8	0.8	2
	Ethyl Tertiary Butyl Ether (ETBE)	ND (2.0)	2	2	2
	Tertiary Amyl Methyl Ether (TAME)	ND (2.0)	2	2	2
	Tertiary Butyl Alcohol (TBA) *	ND (10)	12	12	10
	Methanol		1000	1000	1000
	Ethanol	ND (100)	1000	1000	1000
	Total Petroleum Hydrocarbons Using both EPA 418.1 and EPA 8015 (modified) methods		100	100	100
	*** Analysis required for petroleum-fuel impacted water only.**				
	Conventional	mg/L	mg/L	mg/L	mg/L
	Hardness		na	na	na
	pH (pH unit)		na	na	na
	Suspended solids		na	na	na
	BOD520°C		na	na	na
	Oil and grease		na	na	na
	Settleable Solids (ml/L)		na	na	na
	Turbidity		na	na	na
	Total Dissolved Solids		na	na	na
	Chlorides		na	na	na
	Sulfates		na	na	na
	Nitrites+Nitrates (as Nitrogen)		na	na	na
	Sulfides		na	na	na
	Boron		na	na	na
	Note: na = not applicable -- = no screening level				

***Cleaning metal and low volume waste.**

II. Alternative Method of Disposal

The application should also be accompanied by a feasibility study of reuse of the wastewater, and if reuse is not feasible, alternatives for disposal other than surface waters.

NPDES Application Supplemental Requirements

I. Pollutants Analysis/Measurements

Analysis/measurements for the supplemental pollutants listed in Table 1 accompany this NPDES application for discharges of wastewater to surface waters as EPA Form 2C (attached).

2. Alternative Methods of Disposal

The Supplemental Requirements for the Application of Waste Discharge require that the application be accompanied by a discussion of alternatives for disposal wastewater other than surface waters if reuse is not feasible. This facility discharges once-through cooling water as well as treated metal cleaning wastes and low volume wastes into the Pacific Ocean. Reuse of the once-through cooling water is not feasible at this facility, thus a description of the resource conservation strategies that are implemented to minimize the amount of waste water discharged at the facility is provided below.

A. Water Conservation

All practical water resource conservation techniques, including but not limited to minimization and recycling, are practiced.

B. Resource Recovery

All practical resource recovery techniques, including but not limited to minimization and recycling, are practiced.

C. Waste Recycling

Where practical recycle and reuse of waste materials is practiced.

D. Waste Reuse

Where practical recycle and reuse of waste materials is practiced.

E. Material or Product Substitution

When practical, hazardous and/or toxic raw materials are investigated for potential substitutes that are less hazardous and/or toxic.

Please print or type in the unshaded areas only
(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 CAD000631036 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
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 Ormond Beach Generating Station

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
2 John Mihatov, General Manager	(805) 986 7241

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

3 6635 South Edison Drive

B. CITY OR TOWN	C. STATE	D. ZIP CODE
4 Oxnard	CA	93033

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

5 6635 South Edison Drive

B. COUNTY NAME

Ventura

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
6 Oxnard	CA	93033	

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

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

A. FIRST	B. SECOND
4911 Electric Power Generation	

C. THIRD	D. FOURTH

VIII. OPERATOR INFORMATION

A. NAME: Reliant Energy Ormond Beach Inc.

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)
P

D. PHONE (area code & no.): (805) 986 7241

E. STREET OR P.O. BOX: 6635 South Edison Drive

F. CITY OR TOWN: Oxnard

G. STATE: CA

H. ZIP CODE: 93033

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)
CA0001198	

B. UIC (Underground Injection of Fluids)	E. OTHER (specify)
	00065 Title V Fed Air Operating Permit

C. RCRA (Hazardous Wastes)	E. OTHER (specify)

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)

To generate and provide electrical power

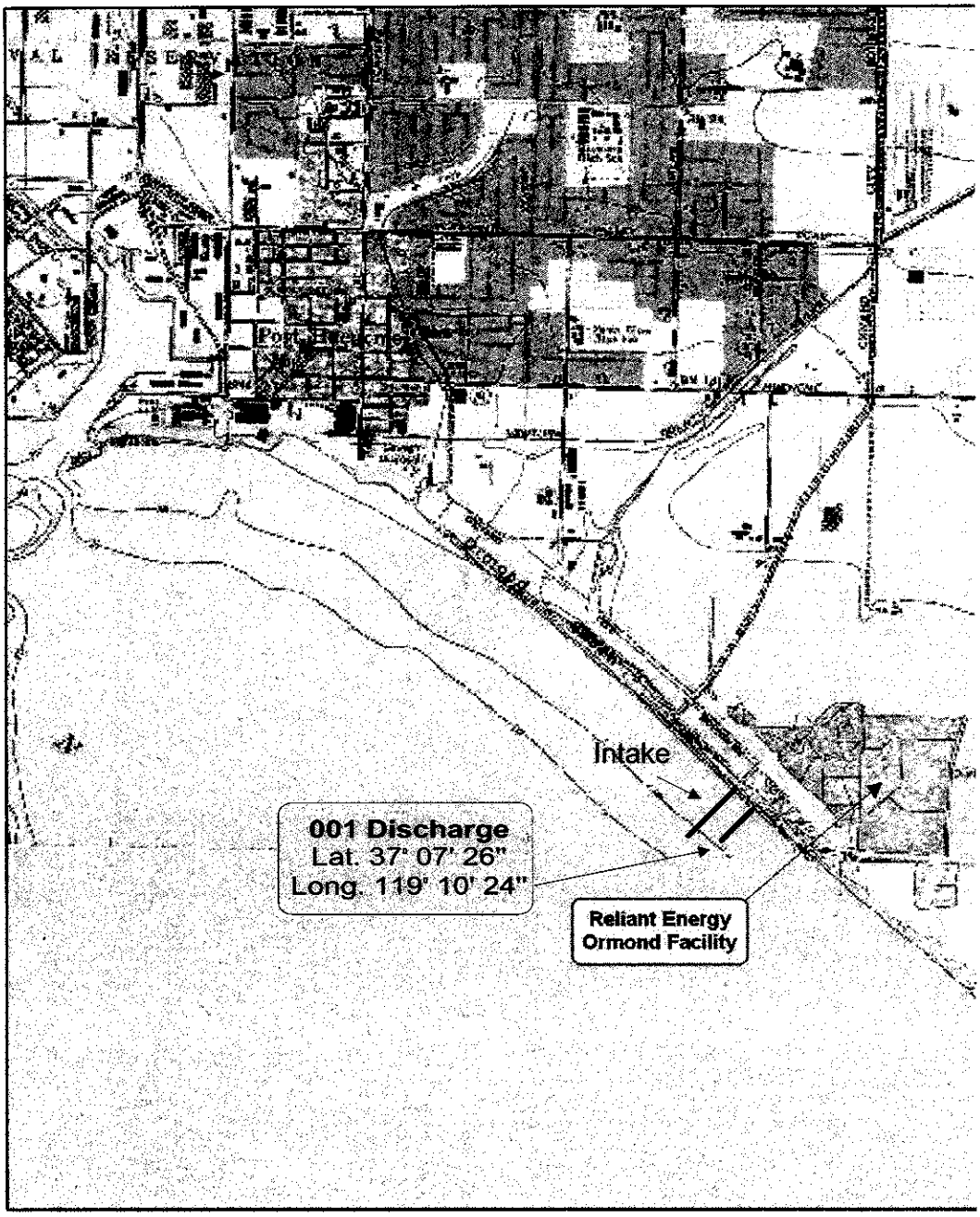
XIII. CERTIFICATION (see instructions)

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
R.W. Lawhn, Environmental Director	R W Lawhn	10/05/2005

COMMENTS FOR OFFICIAL USE ONLY

C



SOURCE: USGS 7.5 Minute Topographic Quadrangle, Oxnard, CA

ENSR INTERNATIONAL

FIGURE 1

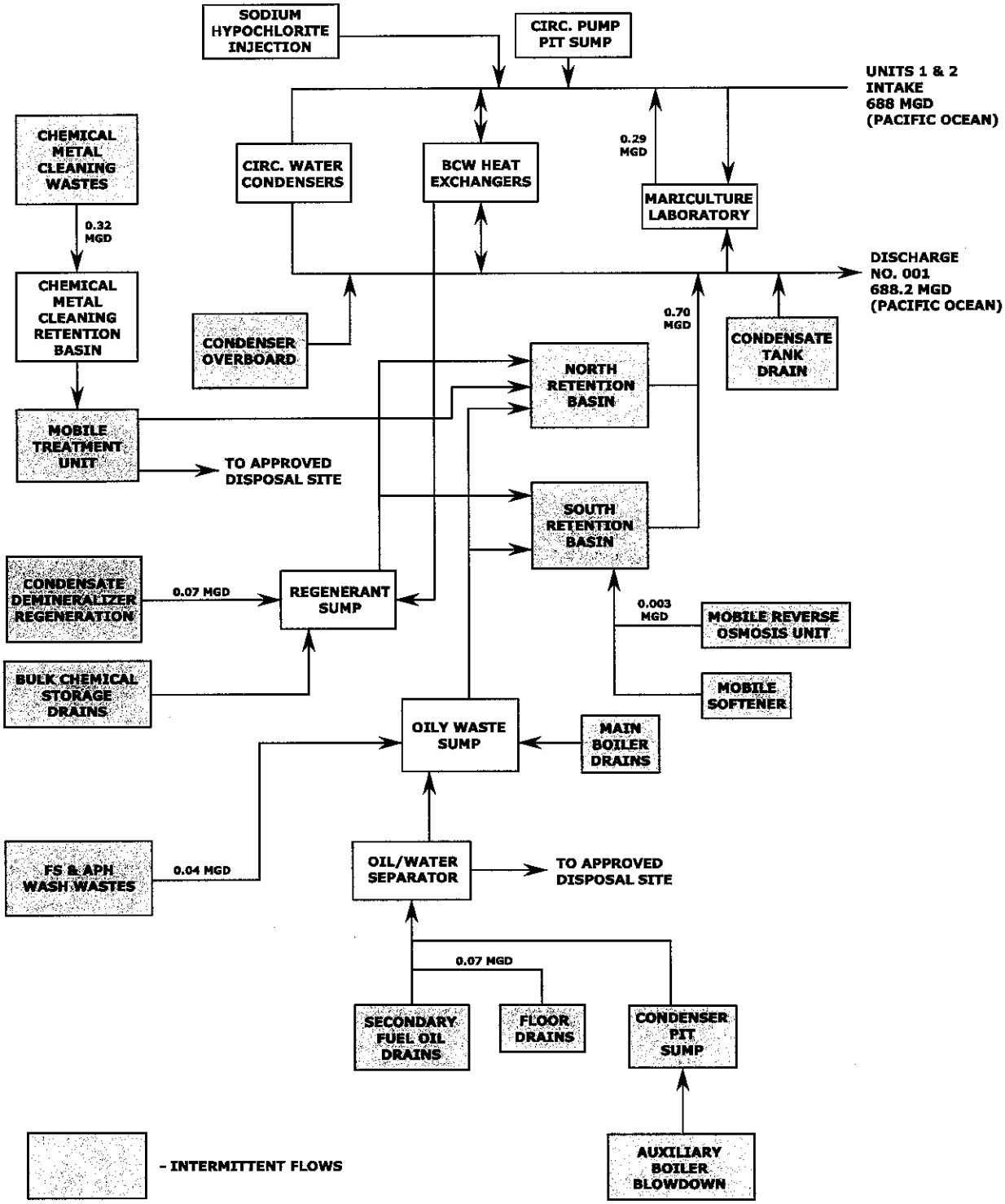
SITE LOCATION MAP

Ormond Beach Generating Station
6635 S. Edison Drive
Oxnard, CA

Drawn by: C. Mangiardi	Date: 03/29/05	Project Number 10267-036-100
Figure Name: site_location.dsf	Checked by:	

FIGURE 2
SCHEMATIC OF WATER FLOW

ORMOND BEACH GENERATING STATION
OXNARD, CALIFORNIA
SEPTEMBER, 2005



J:\projects\10267 - Reliant\036 - Ormond NPDES Permit Renewal\100 - Ormond\NPDES Application\Figure 2\Schematic Water Flow.dwg

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (copy from Item 1 of Form 1): CAD000631036

Form Approved.
OMB No. 2040-0086.
Approval expires 8-31-98.

FORM 2C NPDES

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

I. OUTFALL LOCATION

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

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
001	34	07	26	119	10	24	Pacific Ocean

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

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

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

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001	Once-through cooling water	688.2 MGD	Ocean-discharge	4B	
	Mariculture Laboratory	0.29 MGD	Ocean-discharge	4B	
	Condenser overboard	Negligible	Ocean-discharge	4B	
	Auxiliary boiler blowdown	Negligible	Ocean-discharge	4B	
	Bulk chemical storage drains	Negligible	Retention & ocean-discharge	I-U	4B
	Fireside & air preheater wash	0.04 MGD	Retention & ocean-discharge	I-U	4B
	Miscellaneous floor drains	0.07 MGD	Oil removal,retention & ocean-	I-U	4B
			discharge		
	Condensate demineralizer	0.07 MGD	Retention, & ocean-discharge	I-U	4B
	regeneration wastes				
	Chemical metal cleaning waste	0.32 MGD	Lime precipitation, retention	2C	I-U
			sludge disposal & ocean	5Q	5C
			discharge	4B	
	Mobile Reverse Osmosis Unit	0.003 MGD	Retention & ocean-discharge	I-U	4B
	Wastes				
	(See Appendix A for further				
	explanation).				

OFFICIAL USE ONLY *(effluent guidelines sub-categories)*

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)*
001		(MGD)	(MGD)			(MGD)	(MGD)	
	Condenser Overboard	0.37	1.60	--	--	--	0.15	13.02
	Chemical Metal Cleaning Waste	--	--	--	--	0.32	--	--
	Condensate Demineralizer Regeneration Wastes	0.32	0.56	--	--	0.01	0.07	16.67
	Fireside & Air Preheater Wash	--	--	--	--	0.04	--	--
	Auxiliary Boiler Blowdown	--	--	--	--	--	0.07	--
	(Continued in Appendix B)							

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 *(to 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
Letter Request For Schedule	001	Pacific Ocean	See Appendix C		1/08

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 PROGRAMS IS ATTACHED

CONTINUED FROM PAGE 2

V. INTAKE AND EFFLUENT CHARACTERISTICS

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

D. Use the space below to list any of the pollutants listed in Table 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
Not Applicable			

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)*

The following is a list of water treatment chemicals used at the facility.

aqua ammonia
sulfuric acid (98%)
sodium hypoclorite (15%)
Calgon CS (sodium nitrate)
Calgon CL36 (penetrant dispersant)
Calgon CL37 (surfactant polymer)
Calgon H550 (biocide)
uranine dye

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

Method specified in "Guidelines for Performing Static Route Toxicity Fish Bioassays in Municipal and Bioassays in Municipal and Industrial Wastewaters" (California State Water Resources Control Board and California Department of Fish and Game, July 1976) for purposes of satisfying NPDES permit monitoring requirement(s).

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)*
SEE APPENDIX D			

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.)*
R.W. Lawhn, Environmental Director	(702) 407-4884
C. SIGNATURE R W Lawhn	D. DATE SIGNED 10/05/2005

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)*: CAD000631036

OUTFALL NO.: 001

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

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

1. POLLUTANT	2. EFFLUENT 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	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	4. INTAKE b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	<2						1	mg/l				
b. Chemical Oxygen Demand *(COD)*	700						1	mg/l				
c. Total Organic Carbon *(TOC)*	2.4						1	mg/l				
d. Total Suspended Solids *(TSS)*	<5						1	mg/l				
e. Ammonia *(as N)*	<0.10						1	mg/l				
f. Flow	VALUE 686.4		VALUE 682.6		VALUE 394.9		1429	MG/day		VALUE		
g. Temperature *(winter)*	VALUE 40.55		VALUE 35.23		VALUE 21.66		714	°C		VALUE		
h. Temperature *(summer)*	VALUE 39.44		VALUE 33.33		VALUE 24.44		715	°C		VALUE		
i. pH	MINIMUM 7.6	MAXIMUM 8.9	MINIMUM 7.6	MAXIMUM 8.2			183	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations 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	3. 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 ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X													
b. Chlorine, Total Residual	X		0.62	2038.99	0.21	690.62	0.08	263.10	654	mg/L	lb/day			
c. Color	X													
d. Fecal Coliform	X		<2	N/A										
e. Fluoride (16984-48-8)	X													
f. Nitrate–Nitrite *(as N)*	X		0.17	559.08					1	mg/L	lb/day			

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If available)	2. MARK 'X'		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (If available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (If available) (2) MASS	c. LONG TERM 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
g. Nitrogen, Total Organic (as N)	X													
h. Oil and Grease	X													
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)		X												
l. Sulfide (as S)		X												
m. Sulfite (as SO_3) (14265-45-3)		X												
n. Surfactants	X													
o. Aluminum, Total (7429-90-5)	X													
p. Barium, Total (7440-39-3)	X													
q. Boron, Total (7440-42-8)	X													
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X													
t. Magnesium, Total (7439-95-4)	X													
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)	X													
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

CONTINUE ON PAGE V - 3

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
CAD000631036	001

CONTINUED FROM PAGE 3 OF FORM 2-C

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 nonrequired 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 NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. 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
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<0.02				<0.02		7	mg/L		<0.015		3
2M. Arsenic, Total (7440-38-2)	X			<0.02				<0.02		7	mg/L		<0.02		3
3M. Beryllium, Total, 7440-41-7)	X			0.032	105.24			0.0009	2.96	7	mg/L	lb/day	<0.02		3
4M. Cadmium, Total (7440-43-9)	X			<0.006				<0.006		7	mg/L		<0.005		3
5M. Chromium, Total (7440-47-3)	X			0.00765	25.16			0.001	3.29	7	mg/L	lb/day	0.0017	5.59	3
6M. Copper, Total (7440-50-8)	X			0.00667	21.94			0.0009	2.96	7	mg/L	lb/day	<0.01		3
7M. Lead, Total (7439-92-1)	X			0.00846	27.82			0.0012	3.95	7	mg/L	lb/day	0.0028	9.21	3
8M. Mercury, Total (7439-97-6)	X			0.000436	1.43			0.00006	0.20	7	mg/L		<0.0005		3
9M. Nickel, Total (7440-02-0)	X			<0.016				<0.016		7	mg/L		<0.01		3
10M. Selenium, Total (7782-49-2)	X			<0.02				<0.02		7	mg/L		<0.02		3
11M. Silver, Total (7440-22-4)	X			<0.005				<0.005		7	mg/L		<0.005		3
12M. Thallium, Total (7440-28-0)	X			<0.02				<0.02		7	mg/L		<0.02		3
13M. Zinc, Total (7440-66-6)	X			0.0168	55.25			0.004	13.15	7	mg/L	lb/day	<0.01		3
14M. Cyanide, Total (57-12-5)	X			<0.05						1	mg/L				
15M. Phenols, Total	X			0.18	591.96					1	µg/l	lb/day			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS See Appendix E											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF 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 -- VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X														
2V. Acrylonitrile (107-13-1)	X														
3V. Benzene (71-43-2)	X				<0.50					1	µg/l				
4V. Bis (Chloromethyl) Ether (542-88-1)										1	µg/l				
5V. Bromoform (75-25-2)	X				<1.0					1	µg/l				
6V. Carbon Tetrachloride (56-23-5)	X				<0.50					1	µg/l				
7V. Chlorobenzene (108-90-7)	X				<1.0					1	µg/l				
8V. Chlorodibromomethane (124-48-1)	X				<1.0					1	µg/l				
9V. Chloroethane (75-00-3)	X				<1.0					1	µg/l				
10V. 2-Chloroethylvinyl Ether (110-75-8)	X				<10.0					1	µg/l				
11V. Chloroform (67-66-3)	X				<1.0					1	µg/l				
12V. Dichlorobromomethane (75-27-4)	X				<1.0					1	µg/l				
13V. Dichlorodifluoromethane (75-71-8)															
14V. 1,1-Dichloroethane (75-34-3)	X				<1.0					1	µg/l				
15V. 1,2-Dichloroethane (107-06-2)	X				<0.50					1	µg/l				
16V. 1,1-Dichloroethylene (75-35-4)	X				<1.0					1	µg/l				
17V. 1,2-Dichloropropane (78-87-5)	X				<1.0					1	µg/l				
18V. 1,3-Dichloropropylene (542-75-6)	X				<1.0					1	µg/l				
19V. Ethylbenzene (100-41-4)	X				<1.0					1	µg/l				
20V. Methyl Bromide (74-83-9)	X				<10					1	µg/l				
21V. Methyl Chloride (74-87-3)	X				<10					1	µg/l				

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. 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	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	X			<5.0						1	µg/l				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<1.0						1	µg/l				
24V. Tetrachloroethylene (127-18-4)	X			<1.0						1	µg/l				
25V. Toluene (108-88-3)	X			<1.0						1	µg/l				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<1.0						1	µg/l				
27V. 1,1,1-Trichloroethane (71-55-6)	X			<1.0						1	µg/l				
28V. 1,1,2-Trichloroethane (79-00-5)	X			<1.0						1	µg/l				
29V. Trichloroethylene (79-01-6)	X			<1.0						1	µg/l				
30V. Trichlorofluoromethane (75-69-4)			X	<1.0						1	µg/l				
31V. Vinyl Chloride (75-01-4)	X			<0.50						1	µg/l				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			<5.4						1	µg/l				
2A. 2,4-Dichlorophenol (120-83-2)	X			<5.4						1	µg/l				
3A. 2,4-Dimethylphenol (105-67-9)	X			<5.4						1	µg/l				
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<27											
5A. 2,4-Dinitrophenol (51-28-5)	X			<27						1	µg/l				
6A. 2-Nitrophenol (88-75-5)	X			<11						1	µg/l				
7A. 4-Nitrophenol (100-02-7)	X			<5.4						1	µg/l				
8A. P-Chloro-M-Cresol (59-50-7)															
9A. Pentachlorophenol (87-86-5)	X			<5.4						1	µg/l				
10A. Phenol (108-95-2)	X			<5.4						1	µg/l				
11A. 2,4,6-Trichlorophenol (88-06-2)	X			<5.4						1	µg/l				

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)			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. Acenaphthene (83-32-9)	X			<5.4						1	µg/l				
2B. Acenaphtylene (208-96-8)	X			<5.4						1	µg/l				
3B. Anthracene (120-12-7)	X			<5.4						1	µg/l				
4B. Benzidine (92-87-5)	X			<5.4						1	µg/l				
5B. Benzo *(a)* Anthracene (56-55-3)	X			<5.4						1	µg/l				
6B. Benzo *(a)* Pyrene (50-32-8)	X			<5.4						1	µg/l				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<5.4						1	µg/l				
8B. Benzo *(ghi)* Perylene (191-24-2)	X			<5.4						1	µg/l				
9B. Benzo *(k)* Fluoranthene (207-08-9)	X			<5.4						1	µg/l				
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)	X			<11						1	µg/l				
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)	X			<5.4						1	µg/l				
12B. Bis *(2-Chloroiso-propyl)* Ether (102-80-1)	X			<5.4						1	µg/l				
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)	X			<5.4						1	µg/l				
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<5.4						1	µg/l				
15B. Butyl Benzyl Phthalate (85-68-7)	X			<5.4						1	µg/l				
16B. 2-Chloro-naphthalene (91-58-7)	X			<5.4						1	µg/l				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<5.4						1	µg/l				
18B. Chrysene (218-01-9)	X			<5.4						1	µg/l				
19B. Dibenzo *(a,h)* Anthracene (53-70-3)	X			<5.4						1	µg/l				
20B. 1,2-Dichloro-benzene (95-50-1)	X			<5.4						1	µg/l				
21B. 1,3-Dichloro-benzene (541-73-1)	X			<5.4						1	µg/l				

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT						d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)			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)*															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<5.4						1	µg/l				
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<5.4						1	µg/l				
24B. Diethyl Phthalate (84-66-2)	X			<5.4						1	µg/l				
25B. Dimethyl Phthalate (131-11-3)	X			<5.4						1	µg/l				
26B. Di-N-Butyl Phthalate (84-74-2)	X			<5.4						1	µg/l				
27B. 2,4-Dinitrotoluene (121-14-2)	X			<5.4						1	µg/l				
28B. 2,6-Dinitrotoluene (606-20-2)	X			<5.4						1	µg/l				
29B. Di-N-Octyl Phthalate (117-84-0)	X			<5.4						1	µg/l				
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	X			<2.2						1	µg/l				
31B. Fluoranthene (206-44-0)	X			<5.4						1	µg/l				
32B. Fluorene (86-73-7)	X			<5.4						1	µg/l				
33B. Hexachlorobenzene (118-74-1)	X			<5.4						1	µg/l				
34B. Hexachlorobutadiene (87-68-3)	X			<5.4						1	µg/l				
35B. Hexachlorocyclopentadiene (77-47-4)	X			<16						1	µg/l				
36B. Hexachloroethane (67-72-1)	X			<5.4						1	µg/l				
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	X			<5.4						1	µg/l				
38B. Isophorone (78-59-1)	X			<5.4						1	µg/l				
39B. Naphthalene (91-20-3)	X			<5.4						1	µg/l				
40B. Nitrobenzene (98-95-3)	X			<27						1	µg/l				
41B. N-Nitrosodimethylamine (62-75-9)				<11						1	µg/l				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<5.4						1	µg/l				

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. 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 FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	X			<5.4						1	µg/l				
44B. Phenanthrene (85-01-8)	X			<5.4						1	µg/l				
45B. Pyrene (129-00-0)	X			<5.4						1	µg/l				
46B. 1,2,4 - Trichlorobenzene (120-82-1)	X			<5.4						1	µg/l				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			<0.05						1	µg/l				
2P. α-BHC (319-84-6)	X			<0.05						1	µg/l				
3P. β-BHC (319-85-7)	X			<0.05						1	µg/l				
4P. γ-BHC (58-89-9)	X			<0.05						1	µg/l				
5P. δ-BHC (319-86-8)	X			<0.05						1	µg/l				
6P. Chlordane (57-74-9)	X			<0.05						1	µg/l				
7P. 4,4'-DDT (50-29-3)	X			<0.05						1	µg/l				
8P. 4,4'-DDE (72-55-9)	X			<0.05						1	µg/l				
9P. 4,4'-DDD (72-54-8)	X			<0.05						1	µg/l				
10P. Dieldrin (60-57-1)	X			<0.05						1	µg/l				
11P. α-Endosulfan (115-29-7)	X			<0.05						1	µg/l				
12P. β-Endosulfan (115-29-7)	X			<0.05						1	µg/l				
13P. Endosulfan Sulfate (1031-07-8)	X			<0.05						1	µg/l				
14P. Endrin (72-20-8)	X			<0.05						1	µg/l				
15P. Endrin Aldehyde (7421-93-4)	X			<0.05						1	µg/l				
16P. Heptachlor (76-44-8)	X			<0.05						1	µg/l				

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
CAD 000631036	001

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. 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 FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)	X			<0.05						1	µg/l				
18P. PCB-1242 (53469-21-9)	X			<0.05						1	µg/l				
19P. PCB-1254 (11097-69-1)	X			<0.05						1	µg/l				
20P. PCB-1221 (11104-28-2)	X			<0.05						1	µg/l				
21P. PCB-1232 (11141-16-5)	X			<0.05						1	µg/l				
22P. PCB-1248 (12672-29-6)	X			<0.05						1	µg/l				
23P. PCB-1260 (11096-82-5)	X			<0.05						1	µg/l				
24P. PCB-1016 (12674-11-2)	X			<0.05						1	µg/l				
25P. Toxaphene (8001-35-2)	X			<2.0						1	µg/l				

Appendix A

Explanation of Contributing Flows

Operation	Treatment Process	Remarks
Outfall No. 001	Ocean Discharge	All waste streams listed under Outfall No. 001 are discharged into the Pacific Ocean through an outfall structure.
Condensate Overboard	Ocean Discharge	This is the only waste stream that discharges directly to the outfall. All other waste streams are routed to the retention basins first.
Oily waste sump; Regenerant sump; Mobile Treatment Unit; Mobile Reverse Osmosis Unit	Retention	All waste streams listed are routed to a retention basin prior to discharge through Outfall No. 001.
Condensate demineralizer regeneration wastes; Bulk chemical storage drains	Regeneration Sump	This waste stream is sent to the regeneration sump before being discharged to the retention basins.
Auxiliary Boiler Blowdown; Fireside & Air Preheater Washes; Main Boiler Drains; Secondary Fuel Oil Drains; Cond. Pit Sump; Miscellaneous Floor Drains	Oil Removal	These waste streams are routed through a flotation type oil/water separator before being discharged to the retention basins.
Chemical Metal Cleaning Wastes	Lime Precipitation; Sludge Disposal	The metal chemical cleaning wastes are routed to the chemical cleaning waste retention basin. These wastes are then processed through a contractor-owned mobile lime treatment unit, which discharges to the retention basin. The sludge generated from this process is disposed at an approved offsite disposal facility.

Appendix B

Intermittent/Seasonal Discharges

Continued from Form 2C.IIC.

Outfall number	operation contributing flow	frequency		flow				
		days per week (specify avg)	months per year (specify avg)	flowrate (in mgd)		total volume (specify with units)		duration (days)
				long term average	maximum daily average	long term average (mgd)	maximum daily (mgd)	
001	Bulk chemical storage drains	--	--	--	--	--	0.0003	
001	Mobile Reverse Osmosis Unit Wastes	--	--	--	--	--	0.003	--
001	Main Boiler Drain	--	--	--	--	--	--	--
001	Retention Basins	--	--	--	--	0.07	--	--
001	Secondary Fuel Oil Drains	--	--	--	--	--	--	--
001	Cond. Pit Sump	--	--	--	--	--	--	--
001	Miscellaneous floor drains	--	--	--	--	0.07	--	--

Appendix B- continued

Overview of Intermittent/Seasonal Discharges

Outfall No.	Operation Contributing Flow	Remarks
001	Condenser Overboard	During normal operation this discharge is not present. This discharge may be necessary during unit start-up or abnormal operation. Its frequency and duration may vary considerably. However, each of the two units typically averages 25 start-ups per year with each startup using ~ 62,500 gallons of distilled water from water tank for overboard cleanup. Discharge time lasts approximately 15 minutes and may be repeated 2-5 times per start up. This water flow is primarily treated condensate which has been slightly contaminated with sea water and/or iron.
001	Chemical Metal Cleaning Wastes	These operations occur approximately once every five years per unit. The duration of the discharge is approximately twenty-four hours.
001	Condensate Demineralizer Regeneration Wastes	Regenerations are performed between 5-25 times per year. Regenerations discharge 75 gallons of water per minute and last ~16 hours. This discharge is sent to the regeneration sump and pumped to the retention basin.
001	Fireside & Air Preheater Washes	These operations are very uncommon due to the low impact of fouling by natural gas firing on boiler performance. Washes have not occurred over the past several years. However, washing may be required in the future when fouling has reached the point where performance is impacted. Washes are typically done concurrently one unit at a time. Each operation lasts approximately sixteen hours.
001	Auxiliary Boiler Blowdown	The auxiliary boilers are not blown down. Rather, each of the two boilers is drained four to five times per year for maintenance. Each unit discharges ~7,485 gallons of water

		per draining event.
001	Bulk Chemical Storage Drains	The drains are opened 2 to 3 times per year draining ~300 gallons of rain water per drain .
001	Mobile Reverse Osmosis Unit Wastes	A single rinse-down waste from this unit is discharged to the retention basin. This waste stream discharges ~3,600 gallons/day approximately 3 days per week. The number of weeks per year is variable based on operation of the units at the plant. In the optimal case, operating year round, the total annual discharge could be ~400,000 gallons.
001	Main Boiler Drain	The main boilers are drained following a unit shutdown.
001	Retention Basins	There are two retention basins. Each retention basin is controlled with a manual drain valve that is normally closed. The valves can be opened depending on the basin level, pH, TSS and O&G test results. Additionally, the number of circulators in service is also taken into account. Each turn on a drain valve has an estimated drain flow of 2,450 gallons per hour. The valves can be opened 4 to 16 turns depending on the variables above.
001	Secondary fuel oil drains	Flow volume is dependent on several variables.
001	Condenser Pit Sump	Flow volume is dependent on several variables.
001	Miscellaneous floor drains	Flow volume is dependent on several variables.
001	Condensate tank drain	Condensate tanks are not currently drained. However, the piping to do so remains in place.

Appendix C

Letter Request for Schedule

A letter request for schedule to submit information to comply with the Phase II 316(b) rule (40 CFR Part 125 Subpart J) was submitted to the Los Angeles Regional Water Quality Control Board on August 15, 2005. The letter requests that the schedule for submission of the Comprehensive Demonstration Study and associated documents be consistent with the January 7, 2008 deadline outlined in the rule.

Appendix D

Certified Labs used by Ormond Beach Generating Station

Reliant Energy, Inc. Ormond
6635 South Edison Drive
Oxnard CA 93033
Phone: 805-986-7205
Pollutants Analyzed: pH, Free & Total Chlorine

Cal Science Environmental Laboratories Inc.
7440 Lincoln Way
Garden Grove,
California 92841
Phone: 714.895.5494
Pollutants Analyzed: priority pollutants (metals, pesticides and pcb's, voc, svoc, ammonia, cyanide, nitrate, phenols)

Under CalScience:
Alta Analytical Laboratory elap 1640
1104 Windfield Way
El Dorado Hills, CA 95762-5702
Phone: 916.933.1640
Pollutant: tcdd [dioxin]

Under CalScience:
FGL Environmental
2500 Stagecoach Road
Stockton, CA 95215
Phone: 209.942.0182
Pollutant: gross alpha and beta

Under CalScience:
Silliker, Inc.
Southern California Laboratory
6360 Gateway Drive
Cypress, CA 90630
Phone: 714-226-0000
Pollutant: total and fecal coliforms and enterococcus

Capco Analytical Services Inc:
1536 Eastman Ave
Ventura CA 93003
Phone: 805.644.1095

Pollutants Analyzed: oil and Grease, TSS, and all the storm water (pH, Conductivity, O&G, toc, total iron)

Appendix D- Continued

Aquatic Bioassay & Consulting Laboratories Inc.
29 North Olive Street
Ventura CA 93001
Phone: 805.643.5621
Pollutants Analyzed: chronic toxicities

MBC Applied Environmental Sciences
3000 Redhill Avenue
Costa Mesa, CA 92626-4524
Phone: 714.850.4830
Pollutant: all on shore and off shore benthic samples

Appendix E

Intake and Effluent Characteristics

Appendix E provides additional information to supplement Form 2C.

Methods of Reporting Data

- All values reported as "less than" mean that the parameter was not detected and the value given is the lowest detectable limit. For samples where the value reported was an average, the highest of the detection limits was reported.

- All mass values were calculated based on long-term average flow.

Explanation of Data for Several Constituents

Table 1 contains explanations for the presence of constituents identified in Form 2C. These explanations are provided in lieu of or to supplement quantitative data.

Table 1
Explanation of Presence of Constituents found in Discharge Effluent

Item Number	Constituent	Potential Source
V.A.1.b.	Chemical Oxygen Demand (COD)	The sample was analyzed without adjusting for chloride concentrations in discharge water.
V.B.1.a.	Bromide	Trace amounts from biocide, trace amount in intake water.
V.B.1.b.	Chlorine, Total Residual	This is a compilation of normal chlorination monitoring for NPDES permit requirements for the last two years.
V.B.1.c.	Color	Intake water
V.B.1.d.	Fecal coliform	Results reported in 1mpn/100ml
V.B.1.e.	Fluoride	Intake water
V.B.1.f.	Nitrate-Nitrite (as N)	Value based on nitrate (as N)
V.B.1.g.	Nitrogen, Total Organic	Boiler water treatment chemicals.
V.B.1.h.	Oil & Grease	Trace amounts from the low volume waste stream.
V.B.1.k.	Sulfate	Natural background, minor use of sulfuric acid.
V.B.1.m.	Sulfite	Boiler water treatment chemicals.
V.B.1.n.	Surfactants	Trace amounts due to maintenance operations.
V.B.1.o.	Aluminum	Trace amount likely in intake water.

Table 1 Explanation of Presence of Constituents found in Discharge Effluent		
Item Number	**Constituent**	**Potential Source**
V.B.1.p.	Barium	Trace amount likely in intake water.
V.B.1.q.	Boron	Trace amount likely in intake water.
V.B.1.s.	Iron, Total	Trace amounts due to metallurgy.
V.B.1.t.	Magnesium, Total	Natural background
V.B.1.v.	Manganese, Total	Natural background
V.C.7M.	Lead, Total	Trace amounts likely in intake water.
V.C.1.	Dioxin	Values not reported.
V.C.1V.	Acrolein	Values not reported.
V.C.2V.	Acrylonitrile	Values not reported.
V.C.4V.	Bis (Chloromethyl)Ether	Values not reported.
V.C.8A.	P-Chloro-M-Cresol	Values not reported.