California Regional Water Quality Control Board
Los Angeles Region

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: http://www.waterboards.ca.gov/losangeles

Linda S. Adams
Cal/EPA Secretary

Arnold Schwarzenegger
Governor

March 9, 2009

Mr. Doug Eberhardt
U.S. Environmental Protection Agency
Permit Section (WTR-5)
75 Hawthorne Street
San Francisco, CA 94105-3901

TRANSMITTAL OF COMPLETE REPORT OF WASTE DISCHARGE (ROWD) FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT RENEWAL THE BOEING COMPANY, SANTA SUSANA FIELD LABORATORY, SIMI HILLS, CA. (NPDES NO. CA0001309, CI NO. 6027)

Enclosed is a copy of an NPDES permit renewal application for Boeing Company's Santa Susana Field Laboratory (NPDES NO. CA0001309).

The application has been reviewed and appears to be complete. If you have any questions, please contact Cassandra Owens at (213) 576-6750.

Sincerely,

Cassandra D. Owens

Cassandra D. Owens, Chief
Industrial Permitting Unit

Enclosure: ROWD

cc: Mr. Thomas Gallacher, The Boeing Company
Mr. Phil Isorena, State Water Resources Control Board

The Boeing Company
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304-1148

CERTIFIED MAIL

January 30, 2008
In reply refer to SHEA-108212

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CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD
LOS ANGELES REGION

Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Attention: Cassandra Owens

Reference: Compliance File CI-6027 and NPDES No. CA0001309

Subject: Revised 2-C Form Sheets For Report of Waste Discharge Santa Susana Field Laboratory

Dear Ms. Owens,

Per the conference call on January 19, 2008 with your office, attached are the Report of Waste Discharge (ROWD) replacement pages for The Boeing Company's (Boeing) Santa Susana Field Laboratory (SSFL) located at 5800 Woolsey Canyon Road in Canoga Park, CA.

The following summarizes the requested changes and clarifications for the Form 2-C entries discussed on the conference call:

- For Form 2-C Section V. Part A., blank lines were filled with the appropriate data or non-requirement (NA) of data.
- For Form 2-C Section V. Part B., based upon review of available soil and/or groundwater data, where no effluent surface water data is available, notations for these pollutants are indicated as "believed present" in column 2 and "no data" for the maximum daily effluent in column 3.
- For Form 2-C Section V. Part B. and C., where a pollutant is indicated as "believed present" or "testing required" and no effluent stormwater data was collected during the most recent time period, as specified by ROWD submittal instructions, then "no data" is indicated on the form.

Per your request, we have attached only changed pages .The remainder of the December 10, 2008 ROWD submittal stands as Boeing ROWD submittal.

We look forward to working with you on renewal of this permit. Should you have any questions, please do not hesitate to contact Ms. Lori Blair at (818) 466-8741.

BOEING

Sincerely,

Thomas D. Gallacher, Director
Santa Susana Field Laboratory
Environment, Health and Safety

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Enclosures: ROWD, USEPA Form 2-C replacement pages:
- Outfall 001, Page V-1 through V-5
- Outfall 002, Page V-1 through V-5
- Outfall 003, Page V-1 through V-5
- Outfall 004, Page V-1 through V-5
- Outfall 005, Page V-1 through V-5
- Outfall 006, Page V-1 through V-5
- Outfall 007, Page V-1 through V-9
- Outfall 008, Page V-1 through V-4
- Outfall 009, Page V-1 through V-3
- Outfall 010, Page V-1 through V-5
- Outfall 011, Page V-1 through V-5
- Outfall 012, Page V-1 through V-5
- Outfall 013, Page V-1 through V-5
- Outfall 014, Page V-1 through V-5
- Outfall 018, Page V-1 through V-6

The Boeing Company
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304-1148

No Check attached
Cindy F.

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2008 DEC 11 AM 9 38
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QUALITY CONTROL BOARD
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RC

Via Electronic and Federal Express

December 10, 2008
SHEA-108087

Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

BOEING

Attention: Cassandra Owens

Reference: Compliance File CI-6027 and NPDES No. CA0001309

Subject: Report of Waste Discharge Santa Susana Field Laboratory
Initial Application

Dear Ms. Owens,

Attached is a Report of Waste Discharge (ROWD) at The Boeing Company's (Boeing) Santa Susana Field Laboratory (SSFL) located at 5800 Woolsey Canyon Road in Canoga Park, CA. The ROWD contains all applicable sections for the outfalls at SSFL.

We look forward to working with you on renewal of this permit. Should you have any questions, please do not hesitate to contact Ms. Lori Blair at (818) 466-8741

Sincerely,

Thomas D. Gallacher, Director
Santa Susana Field Laboratory
Environment, Health and Safety

Enclosures: ROWD Submittal:

A	CSWRCB Form 200 (including Section VI, Other Required Information)
B	USEPA Form 1
C	USEPA Form 2-C (Outfall 001)
	USEPA Form 2-C (Outfall 002)
	USEPA Form 2-C (Outfall 003)
	USEPA Form 2-C (Outfall 004)
	USEPA Form 2-C (Outfall 005)
	USEPA Form 2-C (Outfall 006)
	USEPA Form 2-C (Outfall 007)
	USEPA Form 2-C (Outfall 008)

PMH 132458

LOGGED IN BY: _____
DATE : DEC 16 2008

USEPA Form 2-C (Outfall 009)
USEPA Form 2-C (Outfall 010)
USEPA Form 2-C (Outfall 011)
USEPA Form 2-C (Outfall 012)
USEPA Form 2-C (Outfall 013)
USEPA Form 2-C (Outfall 014)
USEPA Form 2-C (Outfall 018)
USEPA Form 2-C (Outfall 019)
Form 2-C, Section IV-B Other Programs
USEPA Form 2-F (Outfall 019)

BOEING

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

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
- ☐ 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
- ☑ Other, please describe: Treated Groundwater

III. LOCATION OF THE FACILITY

Describe the physical location of the facility.

1. Assessor's Parcel Number(s)	2. Latitude	3. Longitude
Facility: Top of Woolsey Canyon Rd	**Facility:** 34 13 35	**Facility:** 118 42 18
Discharge Point: 10 discharge pts	**Discharge Point:** 34 13 35	**Discharge Point:** 118 42 18

IV. REASON FOR FILING

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

V. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

Name of Lead Agency: _____

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: _____

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

I. FACILITY INFORMATION

A. Facility:

Name: The Boeing Company, Santa Susana Field Laboratory			
Address: 5800 Woolsey Canyon Road			
City: Canoga Park	County: Ventura	State: CA	Zip Code: 91304
Contact Person: Thomas D. Gallacher		Telephone Number: (818) 466-8161	

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B. Facility Owner:

Name: The Boeing Company			Owner Type (Check One) 1. ☐ Individual 2. ☑ Corporation 3. ☐ Governmental Agency 4. ☐ Partnership 5. ☐ Other:
Address: 5800 Woolsey Canyon Road			
City: Canoga Park	State: CA	Zip Code: 91304	
Contact Person: Thomas D. Gallacher		Telephone Number: (818) 466-8161	Federal Tax ID:

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

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

D. Owner of the Land:

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

E. Address Where Legal Notice May Be Served:

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

F. Billing Address:

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

LOGGED IN BY: [illegible]
DATE: DEC 18 2008

VI. Other Required Information

Facility Overview and Site History

The Santa Susana Field Laboratory (SSFL) is located at the top of Woolsey Canyon, in the Simi Hills, CA. The developed portion of the site comprises approximately 1,500 acres. Within this developed area, industrial activities have occurred on approximately 250 acres in total. There are approximately 1,200-acres of undeveloped property located to the south and 150-acres of undeveloped land to the north of the site. SSFL is owned by both Boeing and the United States of America. The National Aeronautics and Space Administration (NASA) administers the portion of the property owned by the federal government. The United States Department of Energy (DOE) also owns several buildings that were constructed on land owned by Boeing at the northwest portion of the site called Area IV.

Development at the SSFL began in 1949. Operations began in 1950. Operations at SSFL since 1950 included research, development, assembly, disassembly, and testing of rocket engines, small scale nuclear reactors, and chemical lasers. These operations have ceased with the exception of some small scale laser research that is currently being phased out. Comprehensive descriptions of historical site operations can be found in documents posted at or linked to:
http://www.dtsc.ca.gov/SiteCleanup/Projects/Santa_Susana.cfm
http://www.boeing.com/aboutus/environment/santa_susana/programs.html.

Discharges from the site are regulated under National Pollutant Discharge Elimination System (NPDES) permit CA0001309 as amended. When originally issued, the permit authorized discharges of stormwater, stormwater mixed with wastewater, and wastewater. Figure 1 show the facility and outfall locations. Operations at the SSFL have changed over the years, and wastewater discharges have been eliminated from 15 of the 16 outfalls at the SSFL. The only wastewater that can be discharged is treated groundwater at Outfall 019. Additionally, and in light of recent judicial and regulatory developments, it is unclear if discharges from SSFL are to waters of the U.S. Submission of this ROWD should not be construed as an admission or waiver by Boeing of any of its rights or interests.

Two south facing watersheds have large ponds within them. The watershed leading to Outfalls 011 and 001 includes R-1 Pond and Perimeter Pond. The watershed leading to Outfalls 018 and 002 includes Silvernale Pond and R-2 Pond. After excessive rainfall, the ponds overflow and discharge through Outfalls 011 and 018, respectively. Some overflows cause flow at Outfalls 001 and 002. Other overflows do not. Whether the overflows cause flow at Outfalls 001 and 002 depends on the quantity of rainfall and soil moisture conditions before the rain begins. In addition, during some rainfall events, Outfalls 001 or 002 will flow even when there are not overflows at Outfalls 011 or 018 because of the substantial area of undeveloped property between Outfalls 011 and 001 and between Outfalls 018 and 002 from which rainwater runs off.

This document describes the site, a brief site history, current conditions, and current discharges.

Current Activities

As stated above, all site activities have ceased with the exception of some small scale laser research, which is in the process of being phased out. Ongoing site activities include:

1. *Groundwater Sampling, Extraction and Treatment.* As part of the ongoing investigation into the nature and extent of groundwater contamination and the testing of different groundwater cleanup and management strategies, groundwater is routinely sampled from numerous wells across the facility. In specific areas, groundwater is extracted over longer periods of time to control groundwater elevations and to test conceptual models regarding groundwater constituent fate and transport and appropriate cleanup and management strategies. Additionally, potable water is occasionally used for rinsing and maintenance of structural stormwater treatment control Best Management Practices at the outfalls. The groundwater and potable water are currently hauled offsite for disposal but will be treated onsite and discharged at a single separate outfall, Outfall 019, once a new central treatment system comes online. Treatment of these flows will consists of air stripping to remove volatile organic compounds, green sand to remove iron, manganese and other trace metals, and granular activated carbon to complete final polishing of water.

2. *Site investigation and cleanup.* An investigation is ongoing regarding the nature and extent of contamination that has resulted from historical operations. Some removals of contaminated soils have occurred and more are anticipated. These activities are being conducted under the oversight of and in accordance with procedures established by the California Environmental Protection Agency (Cal-EPA) Department of Toxic Substances Control (DTSC). Information regarding the investigation and cleanup activities can be found at the following website established by DTSC: http://www.dtsc.ca.gov/SiteCleanup/Projects/Santa_Susana.cfm. Investigation and cleanup activities are not expected to result in discharges of water. Some water may be applied to excavation areas for support activities and dust control. This water will be contained and removed or allowed to evaporate and infiltrate and not flow to a pond or outfall. Best Management Practices (BMPs) to prevent the movement of sediments or contaminants from investigation areas to the extent practicable are implemented and maintained during invasive investigation work at these areas. When invasive investigation work is not taking place, site vegetation is maintained to minimize movement of sediments or contaminants. Where vegetation is insufficient, BMPs are implemented and maintained to minimize movement of sediments or contaminants from these areas.

3. *Demolition and Decommissioning.* As site closure is ongoing, equipment and buildings are in the process of being demolished and/or decommissioned in accordance with all federal, state, and local regulations. As with site investigation and cleanup activities, these demolition and decommissioning activities are not expected to result in discharges of water. Water used for support activities and dust control will be contained and removed or allowed to evaporate and infiltrate and not flow to a pond or outfall. BMPs are implemented at all demolition and construction sites to minimize sediment migration.

4. *Small scale laser research*. This activity occurs entirely inside enclosed laboratories within intact buildings and results in no discharges to surface water.

5. *Local fire department training*. Local fire departments use a small portion of the facility for staff training. This may result in the release of a small amount of water or other fire retardant materials to the ground. This water is contained and either removed or allowed to evaporate and infiltrate and does not flow to a pond or outfall. Retardant materials are removed. These activities are scheduled to avoid the possibility of a rain event before the water evaporates, infiltrates, or is removed.

6. *Stormwater collected in bermed secondary containment areas.* Secondary containment berms are located at interior locations of SSFL away from outfall locations and are managed in the following manner. Stormwater is retained within these berms and visually inspected for the presence of an oily sheen, separate phase, or discoloration. If visual inspection suggests the presence of contaminants even if there is no oily sheen, separate phase, or discoloration, samples are collected and analyzed. If there is oil sheen, visible contamination, or if laboratory results indicate the presence of constituents at unacceptable levels, the water is pumped and hauled offsite for disposal at a licensed permitted facility. If there is no indication of contamination, the water is allowed to enter the site storm drain system.

7. *Routine miscellaneous maintenance activities.* This includes maintaining and repairing site infrastructure as needed. Site infrastructure includes buildings, power transmission, potable water systems, roads, sanitary sewers, and other site-related infrastructure. Some of these activities result in small discharges of water, which are managed to prevent them from reaching onsite ponds or outfalls. These miscellaneous activities include:

   - Safety Shower inspections. There are some safety showers that do not drain to the sanitary sewer. These are inspected on a monthly basis. Inspections include brief operation of the shower to verify that there is flow and pressure in the line and that they are operational. This brief operation lasts a few seconds. A small amount of potable water is released to the ground when this occurs. This water is allowed to evaporate and infiltrate and does not flow to a pond or outfall. This activity is scheduled to avoid the possibility of a rain event before the water evaporates and infiltrates.

   - Air Conditioning system maintenance. Air conditioning systems are inspected quarterly and repaired if needed. Part of the inspection requires brief cleaning of exterior coils by spraying them with potable water. This water is allowed to evaporate and infiltrate and does not flow to a pond or outfall. This activity is scheduled to avoid the possibility of a rain event before the water evaporates and infiltrates.

   - Fire Hydrant inspection and testing. Fire hydrants are tested annually. Part of the testing procedure involves opening the valve momentarily to test that there is flow and pressure in the system. This results in a small release of potable water to the ground. This water is allowed to evaporate and infiltrate and does not flow to a pond or outfall. This activity is scheduled during the summer to avoid the possibility of a rain event before the water evaporates and infiltrates.

- Sprinkler risers at buildings. Part of the SSFL's fire suppression system consists of sprinkler systems inside buildings that would engage should a building fire occur. These systems are connected to risers outside the building that connect the sprinklers to the potable water distribution system. On a quarterly basis, these sprinkler systems are tested. Part of the testing procedures is the testing of pressure and flow at the risers. This results in the release of a small amount of potable water to the ground. This water is allowed to evaporate and infiltrate and does not flow to a pond or outfall. This activity is scheduled to avoid the possibility of a rain event before the water evaporates and infiltrates.

- Perimeter sprinkler systems. There are two sprinkler systems at the SSFL that are designed to water vegetation at the perimeter of buildings should fires occur. These systems are tested on a monthly basis. Testing includes releasing a small amount of potable water to the ground to test flow and pressure in the lines. This water is allowed to evaporate and infiltrate and does not flow to a pond or outfall. This activity is scheduled to avoid the possibility of a rain event before the water evaporates and infiltrates.

- Landscape Irrigation. Some minor areas of the facility have landscape that requires irrigation using potable water. Irrigation systems are routinely inspected for broken heads, leaks, or releases of irrigation water. Irrigation is controlled to provide sufficient water without runoff occurring.

- Fire Station Equipment Maintenance. At the fire station, hoses and trucks are washed occasionally. These washing activities result in the release of a small amount of water to the ground. This water is allowed to evaporate and infiltrate and does not flow to a pond or outfall. This activity is scheduled to avoid the possibility of a rain event before the water evaporates and infiltrates.

Current and Future Discharges

Stormwater is currently the primary discharge from the site and represents approximately 99 percent of water discharged from the site.

The water that is discharged from the SSFL consists of stormwater and treated groundwater. The specific outfalls and the water discharged at those outfalls is described in more detail below. In brief, Outfalls 002-010, 011, and 018 discharge only stormwater. Outfall 019 will discharge treated groundwater, which may also flow to Outfall 001, a stormwater outfall, if flow and soil conditions are such that the water does not infiltrate and evaporate before it reaches this outfall. With the possible exception of a leak or break occurring in a potable water line, no other water is expected to be discharged from the facility.

Future Treated Groundwater Discharge

Boeing is currently designing and will construct a modified central groundwater treatment system or systems. Extracted groundwater will be pumped to this new central groundwater treatment system that will discharge at a new outfall location (Outfall 019), which is located at Outfall 011. Well purge water and potable rinse water from BMP rinsing will be transported to the central groundwater treatment

system. Boeing will monitor discharges for this outfall at the effluent of the treatment system since water quality is not expected to change between the treatment system effluent point and the discharge pipe effluent point. During rain events, samples will be collected at the discharge location that is co-located at Outfall 011. This will be a co-mingled sample consisting of stormwater from Outfall 011 and the effluent, if any, of the treatment system.

Boeing is constructing its groundwater treatment and discharge system as follows:

The groundwater treatment system is proposed to treat water from extraction wells, purge water generated during groundwater sampling events, rinse water generated from BMP rinsing, and groundwater generated during well installations or pumping tests. The primary compounds of potential concern (COPCs) are volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) (primarily 1,4-dioxane), n-nitrosodimethylamine (NDMA), perchlorate, and some metals that occur naturally in SSFL groundwater due to the native geology of the subsurface. The treated effluent will be conveyed through piping and discharged at Outfall 019, which is located at Outfall 011.

The treatment process will involve conveyance of the water to a storage tank located at the treatment facility. From the storage tank, water will pass through filtration or settling systems for the removal of particulates. Depending on groundwater quality and COPCs, groundwater will be treated by one or more of the following processes: filtration, ion exchange, advanced coagulation/precipitation, green sand filtration, air stripping, liquid phase granular activated carbon (GAC), and ultraviolet (UV) oxidation. If air stripping is utilized, the effluent vapor generated by the process will pass through vapor phase GAC prior to discharge to the atmosphere. Liquid and vapor phase GAC will be hauled offsite for disposal or regeneration at an authorized off-site, licensed facility. Other treatment residuals will be properly characterized, manifested, and hauled offsite for proper disposal or regeneration at an authorized licensed facility.

The maximum flow rates of extracted groundwater once the new groundwater treatment system is fully online are anticipated to be 0.3 MGD with average daily flows of 0.25 MGD. Initial flows are expected to be lower, but as groundwater remediation activities continue, they may rise to these levels as groundwater levels and concentrations are monitored over the coming years.

Outfall 019 is located at Outfall 011. Flows from Outfall 019 may flow through Outfall 001 if flow and soil conditions are such that the water does not infiltrate and evaporate before it reaches Outfalls 001.

Stormwater

As noted above, stormwater is currently the primary discharge from the site and represents approximately 99 percent of water discharged from the site. Stormwater discharges occur periodically when there is sufficient rain to cause flow within the outfall drainages. A Stormwater Management Model 5.0.013 (SWMM) (USEPA, 2008) was employed to estimate stormwater discharges at outfalls 001-011 and 018 at the facility.

The estimated flows for Outfalls 001, 002, 011, and 018 were compared to flow meter readings at Outfalls 001, 002, 011, and 018 to verify that the estimates were within range of measured flows.

Cumulative volume hydrographs were developed for each outfall for the 100-year 24-hour, 10-year 24-hour storm, and 1-year 24-hour storms to estimate the daily flow expected from such events. Table 1 lists the estimated daily stormwater discharges.

Table 1: Estimated Stormwater Discharges by Outfall*

Outfall	Area (acres)	100-yr 24-hr V (MGD)	10-yr 24-hr V (MGD)	1-yr 24-hr V (MGD)
001	306	72.9	33.7	6.97
002	603	109	50.6	10.7
003	13.9	1.7	0.79	0.17
004	6.5	0.96	0.55	0.19
005	0.3	0.0025	0.0015	0.0007
006	12.9	1.67	0.81	0.2
007	2.8	0.4	0.2	0.05
008[1]	62	10	4.8	0.36
009[1]	536	78	35	3.0
010	5.3	0.69	0.38	0.12
011	290.7	37.2	17.3	3.73
012	0.077	0.019	0.012	0.0052
013	0.32	0.078	0.049	0.022
014	0.51	0.13	0.08	0.035
018	539.2	60.3	27.9	5.88
Sums		360	167	35

MGD million gallons per day or 24 hour period
V is the 24 hour discharge volume – not a peak flow rate.
* Assumptions used in the modeling approach include:

- The 1, 10, and 100-year rain depths used were 2.5, 5.7 and 9.0 inches, respectively; these are based on an analysis of local rain gauge data rather than isohyets reported in the Ventura County hydrology manual.
- Antecedent moisture conditions were assumed to be equal to field capacity.
- The LA county hydrology manual unit hyetograph was used.
- Imperviousness values accounted for the disconnected natural imperviousness (i.e., exposed bedrock) that is found in each watershed.

[1]Runoff volume estimates for Outfalls 008 and 009 were taken from the ENTS hydrology report (Geosyntec, 2008).

The base rainfall depth used for this analysis was taken from isohyets published by Ventura County (Ventura County Watershed Protection District, 2006).

Note the daily flow volumes for the 10-year 24-hour storm are different from those estimated in the prior ROWD submitted in 2007. The Los Angeles County Department of Public Works (LACDPW) modified rational method was used to estimate flows for the 2007 ROWD. This ROWD submittal estimated flows using the SWMM 5.0.013 model, which is slightly less conservative and which is believed to be more accurate than the modified rational method. The modified rational method requires more time and watershed characterization than the standard rational method. The daily volumes

estimated in this and 2006 ROWD were compared with the daily volumes measured at Outfalls 001, 002, 011, and 018, and were comparable.

Description of Discharges by Outfall

Table 2 summarizes the existing outfalls at the facility and their discharges

Table 2. Summary of discharges per Outfall

Outfall #	Description of Discharge
001	Stormwater and treated groundwater
002	Stormwater Only
003	Stormwater Only
004	Stormwater Only
005	Stormwater Only
006	Stormwater Only
007	Stormwater Only
008	Stormwater Only
009	Stormwater Only
010	Stormwater Only
011	Stormwater Only
012	Stormwater Only
013	Stormwater Only
014	Stormwater Only
018	Stormwater Only
019	Groundwater treated by new Groundwater Extraction Treatment System (once system is brought online) combines with stormwater from Outfall 011 during rain events when Outfall 011 discharges.

Table 3 lists the outfalls, whether or not there is treated groundwater or other wastewater discharged at the outfalls, and the current activities within the watersheds leading to those outfalls.

Treated groundwater will only flow at Outfall 019, downstream of Perimeter Pond and co-located Outfall 011. There will be no treated groundwater flow through any other outfall with the exception of Outfall 001 when flow and soil conditions are such that the treated water discharged at Outfall 019 does not infiltrate and evaporate prior to reaching Outfall 001. The maximum expected rate of groundwater flow through Outfall 019 is 0.3 MGD, which is not anticipated until some years after the groundwater system is brought online.

Numerous stormwater quality control measures are taken at the site. A site-wide Stormwater Pollution Prevention Plan (SWPPP) is in place and updated routinely. High quality filtration BMPs have been installed at Outfalls 003, 004, 005, 006, 007, 010, 011 and 018. As performance is measured for these BMPs, upgrades will be designed and implemented as necessary.

Table 3:Description of Activities by Outfall

Outfall	Latitude	Longitude	Treated Ground-water	Other Waste-water	Receiving Water	Description of Current Activities in Watershed
001	34 12' 49"	118 41' 06	Yes, after new system is in place	No	Bell Creek	Activities that occur upstream of both Outfall 001 and Outfall 011: routine building and grounds maintenance; groundwater extraction and treatment; site investigation and cleanup; building and equipment decommissioning and demolition. The land downstream of Outfall 011 is generally undeveloped with one exception - the Area I Burn Pit. At this location site investigation cleanup activities will take place after approval of a plan by DTSC. Extensive erosion control measures have been put in place and will be maintained until cleanup activities can take place. Treated groundwater will discharged from Outfall 019 and will pass through this outfall.
002	34 12' 51"	118 42' 16"	No	No	Bell Creek	Activities that occur upstream of both Outfall 002 and Outfall 018: routine building and grounds maintenance; site investigation and cleanup; building and equipment decommissioning and demolition. The land downstream of Outfall 018 is generally undeveloped with one exception -- a small portion of the STL4 site, which is currently under investigation. This area was used for enclosed storage of ignition sources for rocket engines. No releases are believed to have occurred in this area during its operation. The investigation is determining if releases had occurred.
003	34 14' 04"	118 42' 38"	No	No	Arroyo Simi	Routine building and grounds maintenance. Site investigation and cleanup. Building and equipment decommissioning and demolition.
004	34 14' 09"	118 42' 23"	No	No	Arroyo Simi	Site investigation and cleanup.
005	34 13' 49"	118 43' 03"	No	No	Arroyo Simi	Site investigation and cleanup. There are no buildings or maintained grounds within this watershed. A significant removal action of soils occurred within this watershed in 2001 and no impacted soils are believed to exist in this watershed. Further confirmation investigations are ongoing.
006	34 13' 52"	118 42' 59"	No	No	Arroyo Simi	Site investigation and cleanup. There are no buildings or maintained grounds within this watershed. A significant removal action of soils occurred within this watershed in 2001 and no impacted soils are believed to exist in this watershed. An area where lead shot remains in the watershed and is covered with plastic sheeting that is replaced when damaged. Further confirmation investigations are ongoing.
007	34 13' 50"	118 42' 52"	No	No	Arroyo Simi	Routine building and grounds maintenance. Site investigation and cleanup. Building and equipment decommissioning and demolition.

Discharges at Outfalls 012 (Alfa Test Stand), 013 (Bravo Test Stand), and 014 (APTF)

Outfalls 012, 013 and 014 were originally established to monitor discharges from the rocket engine testing cooling water during rocket engine testing activities. As stated in the previous ROWD submittal, the last test occurred on March 8, 2006 at the Alfa Test Stand (Outfall 012). In the November 2007 Amendment (order no. R4-2007-0055) to the permit, the authorization to discharge cooling water was removed and these locations were established to monitor stormwater at the test stands.

As stated previously in this document, site closure is ongoing, and equipment and buildings are in the process of being demolished and/or decommissioned in accordance with all federal, state, and local regulations. Boeing requests that a provision be included in the permit that states once the facilities associated with these outfalls are removed, sampling will no longer be required at these outfalls. At this time, demolition at the Advanced Propulsion Test Facility (APTF), Outfall 014, is scheduled to be completed in 2009.

Discharges at Outfalls 008 and 009

Outfalls 008 and 009 are storm water only outfalls. In Order No. R4-2007-0055, discharges from these outfalls were grouped with outfalls 003 through 010. However, the effluent limits applicable to outfalls 003 through 010 serve as benchmarks at outfalls 008 and 009 until June 10, 2009, the expiration date of the current permit. Benchmarks are defined in paragraph 91 of Order No. R4-2007-0055 as "a water quality based effluent limit or a performance based limit that is used to evaluate the performance of BMPs with regard to the removal of contaminants present in the discharge." Paragraph 91 further provides that "exceedance of a benchmark triggers an evaluation of the BMPs implemented at the site [and that] the evaluation may determine that the BMPs require augmentation, upgrade, or replacement". Boeing has proposed a series of BMPs or Engineered Natural Treatment Systems (ENTS) to treat discharges in these outfalls and to be more compatible with its goal of maintaining the SSFL as open space.

Cease and Desist Order R4-2007-0056, issued November 1, 2007, recognized that Outfalls 008 and 009 "are located in jurisdictional drainages where engineered BMP installation may be impracticable." Paragraph 43. It ordered that "an independent team of experts will be convened to evaluate site conditions including contaminants in the vicinity, evaluate the natural BMPs, their documented effectiveness and their performance under site conditions, [and] to select the appropriate BMPs, the design and implementation." Id.

The Expert Panel has been convened and has recommended a system of natural and engineered BMPs for both outfalls. Some of the BMPs are now in construction but others cannot be completed at this time due to the need to obtain a modification to the Special Use Permit for SSFL from the County of Ventura. Ventura County has determined that the modification of the Special Use Permit is an action subject to review pursuant to the California Environmental Quality Act (CEQA). Boeing is proceeding with an application for the Special Use Permit modification required for the ENTS project and Ventura County will be conducting the appropriate CEQA review.

Since Boeing is unable to complete the installation of the ENTS until the Special Use Permit modification is received from Ventura County, and additional time will be needed to allow for installation of the ENTS once approval from the County has been received, as well as to allow the ENTS vegetation to be fully established, Boeing is requesting that the discharge limits at Outfalls 008 and 009 continue to serve as benchmarks in the renewed permit. Boeing is also

significantly different from steady-state discharges because they exhibit highly variable rates and water quality constituent concentrations both during and between storms. Boeing therefore respectfully requests the Regional Board to reconsider the requirement to perform a RPA on a quarterly basis.

Analysis by Outfall

Since 2004, Boeing has been monitoring for a number of constituents that have never been detected in stormwater runoff from SSFL. Table 4 provides a list of those constituents by outfall location that have never been detected and Table 5 lists those constituents by outfall location that have been detected, but that have never exceeded water quality standards.

Boeing requests that the constituents listed by outfall location in Table 4 be removed from the monitoring and reporting program as these constituents have not been detected in monitoring data since 2004 by outfall location. Boeing also requests that the constituents listed by outfall location in Table 5 be removed from the monitoring program since monitoring data collected since 2004 shows that these constituents were never detected above water quality standards by outfall location. For these reasons, Boeing requests that each outfall be listed separately in the permit and in the analysis required in the monitoring and reporting program.

This is consistent with the requirements of Water Code section 13267, which give the regional boards discretion to request dischargers to provide technical or monitoring reports if their discharges could affect the quality of waters within its region but balances such requests against the burden imposed. Section 13267 states that:

> The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.

While there may have been justification in the past for monitoring for particular analytes, the burden in the form of continued monitoring and reporting costs far outweighs any benefit from continued monitoring. As shown below, significant numbers of analytes have either never been detected or been detected only at levels below water quality standards.

Table 4. Non-Detected Analytes by Outfall Location.

Outfall Location	Analyte
Outfall 001	1,1,1-Trichloroethane
Outfall 001	1,1,2,2-Tetrachloroethane
Outfall 001	1,1,2-Trichloroethane
Outfall 001	1,1-Dichloroethane
Outfall 001	1,1-Dichloroethene
Outfall 001	1,2,4-Trichlorobenzene
Outfall 001	1,2-Dichloro-1,1,2-trifluoroethane
Outfall 001	1,2-Dichlorobenzene
Outfall 001	1,2-Dichloroethane
Outfall 001	1,2-Dichloropropane
Outfall 001	1,3-Dichlorobenzene
Outfall 001	1,4-Dichlorobenzene
Outfall 001	2,4,5-Trichlorophenol

Outfall Location	Analyte
Outfall 001	2,4,6-Trichlorophenol
Outfall 001	2,4-Dichlorophenol
Outfall 001	2,4-Dimethylphenol
Outfall 001	2,4-Dinitrophenol
Outfall 001	2,4-Dinitrotoluene
Outfall 001	2,6-Dinitrotoluene
Outfall 001	2-Chloroethylvinylether
Outfall 001	2-Chlorophenol
Outfall 001	2-Methyl-4,6-dinitrophenol
Outfall 001	2-Methylnaphthalene
Outfall 001	2-Methylphenol
Outfall 001	2-Nitrophenol
Outfall 001	3,3'-Dichlorobenzidine
Outfall 001	4,4'-DDD
Outfall 001	4,4'-DDE
Outfall 001	4,4'-DDT
Outfall 001	4-Bromophenylphenylether
Outfall 001	4-Chloro-3-methylphenol
Outfall 001	4-Chloroaniline
Outfall 001	4-Chlorophenylphenylether
Outfall 001	4-Nitrophenol
Outfall 001	Acenaphthene
Outfall 001	Acenaphthylene
Outfall 001	Acrolein
Outfall 001	Acrylonitrile
Outfall 001	Acute Toxicity
Outfall 001	Aldrin
Outfall 001	alpha-BHC
Outfall 001	Aniline
Outfall 001	Anthracene
Outfall 001	Benzene
Outfall 001	Benzidine
Outfall 001	Benzo(a)anthracene
Outfall 001	Benzo(a)pyrene
Outfall 001	Benzo(b)fluoranthene
Outfall 001	Benzo(g,h,i)perylene
Outfall 001	Benzo(k)fluoranthene
Outfall 001	Benzoic acid
Outfall 001	Benzyl alcohol
Outfall 001	beta-BHC
Outfall 001	bis (2-Chloroethyl) ether
Outfall 001	bis(2-Chloroethoxy) methane
Outfall 001	bis(2-Chloroisopropyl) ether
Outfall 001	Bromodichloromethane

Outfall Location	Analyte
Outfall 001	Bromoform
Outfall 001	Bromomethane
Outfall 001	Carbon Tetrachloride
Outfall 001	Chlordane
Outfall 001	Chlorobenzene
Outfall 001	Chloroethane
Outfall 001	Chloroform
Outfall 001	Chronic Toxicity
Outfall 001	Chrysene
Outfall 001	cis-1,3-Dichloropropene
Outfall 001	Cyclohexane
Outfall 001	delta-BHC
Outfall 001	Dibenzo(a,h)anthracene
Outfall 001	Dibenzofuran
Outfall 001	Dibromochloromethane
Outfall 001	Dieldrin
Outfall 001	Diethylphthalate
Outfall 001	Dimethylphthalate
Outfall 001	Di-n-butylphthalate
Outfall 001	Di-n-octylphthalate
Outfall 001	Endosulfan I
Outfall 001	Endosulfan II
Outfall 001	Endosulfan sulfate
Outfall 001	Endrin
Outfall 001	Endrin aldehyde
Outfall 001	Endrin ketone
Outfall 001	Ethylbenzene
Outfall 001	Fluoranthene
Outfall 001	Fluorene
Outfall 001	Heptachlor
Outfall 001	Heptachlor epoxide
Outfall 001	Hexachlorobenzene
Outfall 001	Hexachlorobutadiene
Outfall 001	Hexachlorocyclopentadiene
Outfall 001	Hexachloroethane
Outfall 001	Indeno(1,2,3-cd)pyrene
Outfall 001	Lindane (gamma-BHC)
Outfall 001	Methoxychlor
Outfall 001	Methylene Chloride
Outfall 001	m-Nitroaniline
Outfall 001	Monomethyl Hydrazine
Outfall 001	Naphthalene
Outfall 001	Nitrite-N
Outfall 001	Nitrobenzene

Outfall Location	Analyte
Outfall 001	n-Nitrosodimethylamine
Outfall 001	n-Nitroso-di-n-propylamine
Outfall 001	n-Nitrosodiphenylamine
Outfall 001	o-Nitroaniline
Outfall 001	PCBs
Outfall 001	p-Cresol
Outfall 001	Pentachlorophenol
Outfall 001	Perchlorate
Outfall 001	Phenanthrene
Outfall 001	Phenol
Outfall 001	p-Nitroaniline
Outfall 001	Pyrene
Outfall 001	Tetrachloroethene
Outfall 001	Toluene
Outfall 001	Toxaphene
Outfall 001	TPH
Outfall 001	trans-1,2-Dichloroethene
Outfall 001	trans-1,3-Dichloropropene
Outfall 001	Trichloroethene
Outfall 001	Trichlorofluoromethane
Outfall 001	Trichlorotrifluoroethane (Freon 113)
Outfall 001	Vinyl chloride
Outfall 001	Xylenes (Total)
Outfall 002	1,1,1-Trichloroethane
Outfall 002	1,1,2,2-Tetrachloroethane
Outfall 002	1,1,2-Trichloroethane
Outfall 002	1,1-Dichloroethane
Outfall 002	1,1-Dichloroethene
Outfall 002	1,2,4-Trichlorobenzene
Outfall 002	1,2-Dichloro-1,1,2-trifluoroethane
Outfall 002	1,2-Dichlorobenzene
Outfall 002	1,2-Dichloroethane
Outfall 002	1,2-Dichloropropane
Outfall 002	1,2-Diphenylhydrazine/Azobenzene
Outfall 002	1,3-Dichlorobenzene
Outfall 002	1,4-Dichlorobenzene
Outfall 002	1,4-Dioxane
Outfall 002	2,4,5-Trichlorophenol
Outfall 002	2,4,6-Trichlorophenol
Outfall 002	2,4-Dichlorophenol
Outfall 002	2,4-Dinitrophenol
Outfall 002	2,6-Dinitrotoluene
Outfall 002	2-Chloroethylvinylether
Outfall 002	2-Chloronaphthalene

Outfall Location	Analyte
Outfall 002	2-Chlorophenol
Outfall 002	2-Methyl-4,6-dinitrophenol
Outfall 002	2-Methylnaphthalene
Outfall 002	2-Methylphenol
Outfall 002	2-Nitrophenol
Outfall 002	3,3'-Dichlorobenzidine
Outfall 002	4,4'-DDD
Outfall 002	4,4'-DDE
Outfall 002	4,4'-DDT
Outfall 002	4-Bromophenylphenylether
Outfall 002	4-Chloro-3-methylphenol
Outfall 002	4-Chloroaniline
Outfall 002	4-Chlorophenylphenylether
Outfall 002	4-Nitrophenol
Outfall 002	Acenaphthene
Outfall 002	Acenaphthylene
Outfall 002	Acrolein
Outfall 002	Acrylonitrile
Outfall 002	Acute Toxicity
Outfall 002	Aldrin
Outfall 002	alpha-BHC
Outfall 002	Aniline
Outfall 002	Anthracene
Outfall 002	Benzene
Outfall 002	Benzidine
Outfall 002	Benzo(a)anthracene
Outfall 002	Benzo(a)pyrene
Outfall 002	Benzo(b)fluoranthene
Outfall 002	Benzo(g,h,i)perylene
Outfall 002	Benzo(k)fluoranthene
Outfall 002	Benzoic acid
Outfall 002	Benzyl alcohol
Outfall 002	beta-BHC
Outfall 002	bis (2-Chloroethyl) ether
Outfall 002	bis(2-Chloroethoxy) methane
Outfall 002	bis(2-Chloroisopropyl) ether
Outfall 002	Bromodichloromethane
Outfall 002	Bromoform
Outfall 002	Bromomethane
Outfall 002	Carbon Tetrachloride
Outfall 002	Chlordane
Outfall 002	Chlorobenzene
Outfall 002	Chloroethane
Outfall 002	Chloroform

Outfall Location	Analyte
Outfall 002	Chloromethane
Outfall 002	Chrysene
Outfall 002	cis-1,3-Dichloropropene
Outfall 002	Cyclohexane
Outfall 002	delta-BHC
Outfall 002	Dibenzo(a,h)anthracene
Outfall 002	Dibenzofuran
Outfall 002	Dibromochloromethane
Outfall 002	Dieldrin
Outfall 002	Diethylphthalate
Outfall 002	Dimethylphthalate
Outfall 002	Di-n-butylphthalate
Outfall 002	Di-n-octylphthalate
Outfall 002	Endosulfan I
Outfall 002	Endosulfan II
Outfall 002	Endosulfan sulfate
Outfall 002	Endrin
Outfall 002	Endrin aldehyde
Outfall 002	Endrin ketone
Outfall 002	Ethylbenzene
Outfall 002	Fluoranthene
Outfall 002	Fluorene
Outfall 002	Heptachlor
Outfall 002	Heptachlor epoxide
Outfall 002	Hexachlorobenzene
Outfall 002	Hexachlorobutadiene
Outfall 002	Hexachlorocyclopentadiene
Outfall 002	Hexachloroethane
Outfall 002	Indeno(1,2,3-cd)pyrene
Outfall 002	Isophorone
Outfall 002	Lindane (gamma-BHC)
Outfall 002	Methoxychlor
Outfall 002	Methylene Chloride
Outfall 002	m-Nitroaniline
Outfall 002	Monomethyl Hydrazine
Outfall 002	Nitrobenzene
Outfall 002	n-Nitrosodimethylamine
Outfall 002	n-Nitroso-di-n-propylamine
Outfall 002	n-Nitrosodiphenylamine
Outfall 002	o-Nitroaniline
Outfall 002	PCBs
Outfall 002	Pentachlorophenol
Outfall 002	Perchlorate
Outfall 002	Phenanthrene

Outfall Location	Analyte
Outfall 002	p-Nitroaniline
Outfall 002	Pyrene
Outfall 002	Silver
Outfall 002	Tetrachloroethene
Outfall 002	Toluene
Outfall 002	Toxaphene
Outfall 002	TPH
Outfall 002	trans-1,2-Dichloroethene
Outfall 002	trans-1,3-Dichloropropene
Outfall 002	Trichlorofluoromethane
Outfall 002	Trichlorotrifluoroethane (Freon 113)
Outfall 002	Vinyl chloride
Outfall 002	Xylenes (Total)
Outfall 003	1,1,1-Trichloroethane
Outfall 003	1,1,2,2-Tetrachloroethane
Outfall 003	1,1,2-Trichloroethane
Outfall 003	1,1-Dichloroethane
Outfall 003	1,1-Dichloroethene
Outfall 003	1,2,4-Trichlorobenzene
Outfall 003	1,2-Dichlorobenzene
Outfall 003	1,2-Dichloroethane
Outfall 003	1,2-Dichloropropane
Outfall 003	1,2-Diphenylhydrazine/Azobenzene
Outfall 003	1,3-Dichlorobenzene
Outfall 003	1,4-Dichlorobenzene
Outfall 003	2,4,5-Trichlorophenol
Outfall 003	2,4,6-Trichlorophenol
Outfall 003	2,4-Dichlorophenol
Outfall 003	2,4-Dimethylphenol
Outfall 003	2,4-Dinitrophenol
Outfall 003	2,4-Dinitrotoluene
Outfall 003	2,6-Dinitrotoluene
Outfall 003	2-Chloroethylvinylether
Outfall 003	2-Chloronaphthalene
Outfall 003	2-Chlorophenol
Outfall 003	2-Methyl-4,6-dinitrophenol
Outfall 003	2-Methylnaphthalene
Outfall 003	2-Methylphenol
Outfall 003	2-Nitrophenol
Outfall 003	3,3'-Dichlorobenzidine
Outfall 003	4,4'-DDD
Outfall 003	4,4'-DDE
Outfall 003	4,4'-DDT
Outfall 003	4-Bromophenylphenylether

Outfall Location	Analyte
Outfall 003	4-Chloro-3-methylphenol
Outfall 003	4-Chloroaniline
Outfall 003	4-Chlorophenylphenylether
Outfall 003	4-Nitrophenol
Outfall 003	Acenaphthene
Outfall 003	Acenaphthylene
Outfall 003	Acrolein
Outfall 003	Acrylonitrile
Outfall 003	Acute Toxicity
Outfall 003	Aldrin
Outfall 003	alpha-BHC
Outfall 003	Aniline
Outfall 003	Anthracene
Outfall 003	Benzene
Outfall 003	Benzidine
Outfall 003	Benzo(a)anthracene
Outfall 003	Benzo(a)pyrene
Outfall 003	Benzo(b)fluoranthene
Outfall 003	Benzo(g,h,i)perylene
Outfall 003	Benzo(k)fluoranthene
Outfall 003	Benzoic acid
Outfall 003	Benzyl alcohol
Outfall 003	Beryllium
Outfall 003	beta-BHC
Outfall 003	bis (2-Chloroethyl) ether
Outfall 003	bis (2-ethylhexyl) Phthalate
Outfall 003	bis(2-Chloroethoxy) methane
Outfall 003	bis(2-Chloroisopropyl) ether
Outfall 003	Bromodichloromethane
Outfall 003	Bromoform
Outfall 003	Bromomethane
Outfall 003	Butylbenzylphthalate
Outfall 003	Carbon Tetrachloride
Outfall 003	Chlordane
Outfall 003	Chlorobenzene
Outfall 003	Chloroethane
Outfall 003	Chloroform
Outfall 003	Chloromethane
Outfall 003	Chlorpyrifos
Outfall 003	Chronic Toxicity
Outfall 003	Chrysene
Outfall 003	cis-1,3-Dichloropropene
Outfall 003	delta-BHC
Outfall 003	Diazinon

Outfall Location	Analyte
Outfall 003	Dibenzo(a,h)anthracene
Outfall 003	Dibenzofuran
Outfall 003	Dibromochloromethane
Outfall 003	Dieldrin
Outfall 003	Diethylphthalate
Outfall 003	Dimethylphthalate
Outfall 003	Di-n-butylphthalate
Outfall 003	Di-n-octylphthalate
Outfall 003	Endosulfan I
Outfall 003	Endosulfan II
Outfall 003	Endosulfan sulfate
Outfall 003	Endrin
Outfall 003	Endrin aldehyde
Outfall 003	Endrin ketone
Outfall 003	Ethylbenzene
Outfall 003	Fluoranthene
Outfall 003	Fluorene
Outfall 003	Heptachlor
Outfall 003	Heptachlor epoxide
Outfall 003	Hexachlorobenzene
Outfall 003	Hexachlorobutadiene
Outfall 003	Hexachlorocyclopentadiene
Outfall 003	Hexachloroethane
Outfall 003	Indeno(1,2,3-cd)pyrene
Outfall 003	Isophorone
Outfall 003	Lindane (gamma-BHC)
Outfall 003	Mercury, dissolved
Outfall 003	Methoxychlor
Outfall 003	Methylene Chloride
Outfall 003	m-Nitroaniline
Outfall 003	Naphthalene
Outfall 003	Nitrobenzene
Outfall 003	n-Nitrosodimethylamine
Outfall 003	n-Nitroso-di-n-propylamine
Outfall 003	n-Nitrosodiphenylamine
Outfall 003	o-Nitroaniline
Outfall 003	PCBs
Outfall 003	p-Cresol
Outfall 003	Pentachlorophenol
Outfall 003	Perchlorate
Outfall 003	Phenanthrene
Outfall 003	Phenol
Outfall 003	p-Nitroaniline
Outfall 003	Pyrene

Outfall Location	Analyte
Outfall 003	Selenium
Outfall 003	Silver
Outfall 003	Tetrachloroethene
Outfall 003	Thallium
Outfall 003	Toluene
Outfall 003	Total Cyanide
Outfall 003	Toxaphene
Outfall 003	trans-1,2-Dichloroethene
Outfall 003	trans-1,3-Dichloropropene
Outfall 003	Trichloroethene
Outfall 003	Trichlorofluoromethane
Outfall 003	Trichlorotrifluoroethane (Freon 113)
Outfall 003	Vinyl chloride
Outfall 003	Xylenes (Total)
Outfall 004	1,1,2,2-Tetrachloroethane
Outfall 004	1,1,2-Trichloroethane
Outfall 004	1,1-Dichloroethane
Outfall 004	1,1-Dichloroethene
Outfall 004	1,2,4-Trichlorobenzene
Outfall 004	1,2-Dichlorobenzene
Outfall 004	1,2-Dichloroethane
Outfall 004	1,2-Dichloropropane
Outfall 004	1,2-Diphenylhydrazine/Azobenzene
Outfall 004	1,3-Dichlorobenzene
Outfall 004	1,4-Dichlorobenzene
Outfall 004	2,4,5-Trichlorophenol
Outfall 004	2,4,6-Trichlorophenol
Outfall 004	2,4-Dichlorophenol
Outfall 004	2,4-Dimethylphenol
Outfall 004	2,4-Dinitrophenol
Outfall 004	2,4-Dinitrotoluene
Outfall 004	2,6-Dinitrotoluene
Outfall 004	2-Chloroethylvinylether
Outfall 004	2-Chloronaphthalene
Outfall 004	2-Chlorophenol
Outfall 004	2-Methyl-4,6-dinitrophenol
Outfall 004	2-Methylnaphthalene
Outfall 004	2-Methylphenol
Outfall 004	2-Nitrophenol
Outfall 004	3,3'-Dichlorobenzidine
Outfall 004	4,4'-DDD
Outfall 004	4,4'-DDE
Outfall 004	4,4'-DDT
Outfall 004	4-Bromophenylphenylether

Outfall Location	Analyte
Outfall 005	Acenaphthylene
Outfall 005	Acrolein
Outfall 005	Acrylonitrile
Outfall 005	Acute Toxicity
Outfall 005	Aldrin
Outfall 005	alpha-BHC
Outfall 005	Aniline
Outfall 005	Anthracene
Outfall 005	Benzene
Outfall 005	Benzidine
Outfall 005	Benzo(a)anthracene
Outfall 005	Benzo(a)pyrene
Outfall 005	Benzo(b)fluoranthene
Outfall 005	Benzo(g,h,i)perylene
Outfall 005	Benzo(k)fluoranthene
Outfall 005	Benzoic acid
Outfall 005	Benzyl alcohol
Outfall 005	Beryllium
Outfall 005	beta-BHC
Outfall 005	bis (2-Chloroethyl) ether
Outfall 005	bis (2-ethylhexyl) Phthalate
Outfall 005	bis(2-Chloroethoxy) methane
Outfall 005	bis(2-Chloroisopropyl) ether
Outfall 005	Bromodichloromethane
Outfall 005	Bromoform
Outfall 005	Bromomethane
Outfall 005	Butylbenzylphthalate
Outfall 005	Carbon Tetrachloride
Outfall 005	Chlordane
Outfall 005	Chlorobenzene
Outfall 005	Chloroethane
Outfall 005	Chloroform
Outfall 005	Chloromethane
Outfall 005	Chlorpyrifos
Outfall 005	Chronic Toxicity
Outfall 005	Chrysene
Outfall 005	cis-1,3-Dichloropropene
Outfall 005	delta-BHC
Outfall 005	Dibenzo(a,h)anthracene
Outfall 005	Dibenzofuran
Outfall 005	Dibromochloromethane
Outfall 005	Dieldrin
Outfall 005	Diethylphthalate
Outfall 005	Dimethylphthalate

Outfall Location	Analyte
Outfall 005	Di-n-butylphthalate
Outfall 005	Di-n-octylphthalate
Outfall 005	Endosulfan I
Outfall 005	Endosulfan II
Outfall 005	Endosulfan sulfate
Outfall 005	Endrin
Outfall 005	Endrin aldehyde
Outfall 005	Endrin ketone
Outfall 005	Ethylbenzene
Outfall 005	Fluoranthene
Outfall 005	Fluorene
Outfall 005	Heptachlor
Outfall 005	Heptachlor epoxide
Outfall 005	Hexachlorobenzene
Outfall 005	Hexachlorobutadiene
Outfall 005	Hexachlorocyclopentadiene
Outfall 005	Hexachloroethane
Outfall 005	Indeno(1,2,3-cd)pyrene
Outfall 005	Isophorone
Outfall 005	Lindane (gamma-BHC)
Outfall 005	Methoxychlor
Outfall 005	m-Nitroaniline
Outfall 005	Naphthalene
Outfall 005	Nitrobenzene
Outfall 005	n-Nitrosodimethylamine
Outfall 005	n-Nitroso-di-n-propylamine
Outfall 005	n-Nitrosodiphenylamine
Outfall 005	o-Nitroaniline
Outfall 005	PCBs
Outfall 005	p-Cresol
Outfall 005	Pentachlorophenol
Outfall 005	Perchlorate
Outfall 005	Phenanthrene
Outfall 005	Phenol
Outfall 005	p-Nitroaniline
Outfall 005	Pyrene
Outfall 005	Selenium
Outfall 005	Tetrachloroethene
Outfall 005	Toluene
Outfall 005	Toxaphene
Outfall 005	trans-1,2-Dichloroethene
Outfall 005	trans-1,3-Dichloropropene
Outfall 005	Trichloroethene
Outfall 005	Trichlorofluoromethane

Outfall Location	Analyte
Outfall 005	Trichlorotrifluoroethane (Freon 113)
Outfall 005	Vinyl chloride
Outfall 005	Xylenes (Total)
Outfall 006	1,1,1-Trichloroethane
Outfall 006	1,1,2,2-Tetrachloroethane
Outfall 006	1,1,2-Trichloroethane
Outfall 006	1,1-Dichloroethane
Outfall 006	1,1-Dichloroethene
Outfall 006	1,2,4-Trichlorobenzene
Outfall 006	1,2-Dichlorobenzene
Outfall 006	1,2-Dichloroethane
Outfall 006	1,2-Dichloropropane
Outfall 006	1,2-Diphenylhydrazine/Azobenzene
Outfall 006	1,3-Dichlorobenzene
Outfall 006	1,4-Dichlorobenzene
Outfall 006	2,4,5-Trichlorophenol
Outfall 006	2,4,6-Trichlorophenol
Outfall 006	2,4-Dichlorophenol
Outfall 006	2,4-Dimethylphenol
Outfall 006	2,4-Dinitrophenol
Outfall 006	2,4-Dinitrotoluene
Outfall 006	2,6-Dinitrotoluene
Outfall 006	2-Chloroethylvinylether
Outfall 006	2-Chloronaphthalene
Outfall 006	2-Chlorophenol
Outfall 006	2-Methyl-4,6-dinitrophenol
Outfall 006	2-Methylnaphthalene
Outfall 006	2-Methylphenol
Outfall 006	2-Nitrophenol
Outfall 006	3,3'-Dichlorobenzidine
Outfall 006	4,4'-DDD
Outfall 006	4,4'-DDE
Outfall 006	4,4'-DDT
Outfall 006	4-Bromophenylphenylether
Outfall 006	4-Chloro-3-methylphenol
Outfall 006	4-Chloroaniline
Outfall 006	4-Chlorophenylphenylether
Outfall 006	4-Nitrophenol
Outfall 006	Acenaphthene
Outfall 006	Acenaphthylene
Outfall 006	Acrolein
Outfall 006	Acrylonitrile
Outfall 006	Acute Toxicity
Outfall 006	Aldrin

Outfall Location	Analyte
Outfall 006	alpha-BHC
Outfall 006	Aniline
Outfall 006	Anthracene
Outfall 006	Benzene
Outfall 006	Benzidine
Outfall 006	Benzo(a)anthracene
Outfall 006	Benzo(a)pyrene
Outfall 006	Benzo(b)fluoranthene
Outfall 006	Benzo(g,h,i)perylene
Outfall 006	Benzo(k)fluoranthene
Outfall 006	Benzoic acid
Outfall 006	Benzyl alcohol
Outfall 006	Beryllium
Outfall 006	beta-BHC
Outfall 006	bis (2-Chloroethyl) ether
Outfall 006	bis (2-ethylhexyl) Phthalate
Outfall 006	bis(2-Chloroethoxy) methane
Outfall 006	bis(2-Chloroisopropyl) ether
Outfall 006	Bromodichloromethane
Outfall 006	Bromoform
Outfall 006	Bromomethane
Outfall 006	Butylbenzylphthalate
Outfall 006	Carbon Tetrachloride
Outfall 006	Chlordane
Outfall 006	Chlorobenzene
Outfall 006	Chloroethane
Outfall 006	Chloroform
Outfall 006	Chloromethane
Outfall 006	Chlorpyrifos
Outfall 006	Chronic Toxicity
Outfall 006	Chrysene
Outfall 006	cis-1,3-Dichloropropene
Outfall 006	delta-BHC
Outfall 006	Diazinon
Outfall 006	Dibenzo(a,h)anthracene
Outfall 006	Dibenzofuran
Outfall 006	Dibromochloromethane
Outfall 006	Dieldrin
Outfall 006	Diethylphthalate
Outfall 006	Dimethylphthalate
Outfall 006	Di-n-butylphthalate
Outfall 006	Di-n-octylphthalate
Outfall 006	Endosulfan I
Outfall 006	Endosulfan II

Outfall Location	Analyte
Outfall 006	Endosulfan sulfate
Outfall 006	Endrin
Outfall 006	Endrin aldehyde
Outfall 006	Endrin ketone
Outfall 006	Ethylbenzene
Outfall 006	Fluoranthene
Outfall 006	Fluorene
Outfall 006	Heptachlor
Outfall 006	Heptachlor epoxide
Outfall 006	Hexachlorobenzene
Outfall 006	Hexachlorobutadiene
Outfall 006	Hexachlorocyclopentadiene
Outfall 006	Hexachloroethane
Outfall 006	Indeno(1,2,3-cd)pyrene
Outfall 006	Isophorone
Outfall 006	Lindane (gamma-BHC)
Outfall 006	Methoxychlor
Outfall 006	Methylene Chloride
Outfall 006	m-Nitroaniline
Outfall 006	Naphthalene
Outfall 006	Nitrobenzene
Outfall 006	n-Nitrosodimethylamine
Outfall 006	n-Nitroso-di-n-propylamine
Outfall 006	n-Nitrosodiphenylamine
Outfall 006	o-Nitroaniline
Outfall 006	PCBs
Outfall 006	p-Cresol
Outfall 006	Pentachlorophenol
Outfall 006	Perchlorate
Outfall 006	Phenanthrene
Outfall 006	Phenol
Outfall 006	p-Nitroaniline
Outfall 006	Pyrene
Outfall 006	Silver
Outfall 006	Tetrachloroethene
Outfall 006	Toluene
Outfall 006	Toxaphene
Outfall 006	trans-1,2-Dichloroethene
Outfall 006	trans-1,3-Dichloropropene
Outfall 006	Trichloroethene
Outfall 006	Trichlorofluoromethane
Outfall 006	Trichlorotrifluoroethane (Freon 113)
Outfall 006	Vinyl chloride
Outfall 006	Xylenes (Total)

Outfall Location	Analyte
Outfall 007	1,1,1-Trichloroethane
Outfall 007	1,1,2,2-Tetrachloroethane
Outfall 007	1,1,2-Trichloroethane
Outfall 007	1,1-Dichloroethane
Outfall 007	1,1-Dichloroethene
Outfall 007	1,2,4-Trichlorobenzene
Outfall 007	1,2-Dichlorobenzene
Outfall 007	1,2-Dichloroethane
Outfall 007	1,2-Dichloropropane
Outfall 007	1,2-Diphenylhydrazine/Azobenzene
Outfall 007	1,3-Dichlorobenzene
Outfall 007	1,4-Dichlorobenzene
Outfall 007	2,4,5-Trichlorophenol
Outfall 007	2,4,6-Trichlorophenol
Outfall 007	2,4-Dichlorophenol
Outfall 007	2,4-Dimethylphenol
Outfall 007	2,4-Dinitrophenol
Outfall 007	2,4-Dinitrotoluene
Outfall 007	2,6-Dinitrotoluene
Outfall 007	2-Chloroethylvinylether
Outfall 007	2-Chloronaphthalene
Outfall 007	2-Chlorophenol
Outfall 007	2-Methyl-4,6-dinitrophenol
Outfall 007	2-Methylnaphthalene
Outfall 007	2-Methylphenol
Outfall 007	2-Nitrophenol
Outfall 007	3,3'-Dichlorobenzidine
Outfall 007	4,4'-DDD
Outfall 007	4,4'-DDE
Outfall 007	4,4'-DDT
Outfall 007	4-Bromophenylphenylether
Outfall 007	4-Chloro-3-methylphenol
Outfall 007	4-Chloroaniline
Outfall 007	4-Chlorophenylphenylether
Outfall 007	4-Nitrophenol
Outfall 007	Acenaphthene
Outfall 007	Acenaphthylene
Outfall 007	Acrolein
Outfall 007	Acrylonitrile
Outfall 007	Acute Toxicity
Outfall 007	Aldrin
Outfall 007	alpha-BHC
Outfall 007	Aniline
Outfall 007	Anthracene

Outfall Location	Analyte
Outfall 007	Arsenic
Outfall 007	Benzene
Outfall 007	Benzidine
Outfall 007	Benzo(a)anthracene
Outfall 007	Benzo(a)pyrene
Outfall 007	Benzo(b)fluoranthene
Outfall 007	Benzo(g,h,i)perylene
Outfall 007	Benzo(k)fluoranthene
Outfall 007	Benzoic acid
Outfall 007	Benzyl alcohol
Outfall 007	Beryllium
Outfall 007	beta-BHC
Outfall 007	bis (2-Chloroethyl) ether
Outfall 007	bis (2-ethylhexyl) Phthalate
Outfall 007	bis(2-Chloroethoxy) methane
Outfall 007	bis(2-Chloroisopropyl) ether
Outfall 007	Bromodichloromethane
Outfall 007	Bromoform
Outfall 007	Bromomethane
Outfall 007	Butylbenzylphthalate
Outfall 007	Carbon Tetrachloride
Outfall 007	Chlordane
Outfall 007	Chlorobenzene
Outfall 007	Chloroethane
Outfall 007	Chloroform
Outfall 007	Chronic Toxicity
Outfall 007	Chrysene
Outfall 007	cis-1,3-Dichloropropene
Outfall 007	delta-BHC
Outfall 007	Dibenzo(a,h)anthracene
Outfall 007	Dibenzofuran
Outfall 007	Dibromochloromethane
Outfall 007	Dieldrin
Outfall 007	Diethylphthalate
Outfall 007	Dimethylphthalate
Outfall 007	Di-n-butylphthalate
Outfall 007	Di-n-octylphthalate
Outfall 007	Endosulfan I
Outfall 007	Endosulfan II
Outfall 007	Endosulfan sulfate
Outfall 007	Endrin
Outfall 007	Endrin aldehyde
Outfall 007	Endrin ketone
Outfall 007	Ethylbenzene

Outfall Location	Analyte
Outfall 010	Benzo(g,h,i)perylene
Outfall 010	Benzo(k)fluoranthene
Outfall 010	Benzoic acid
Outfall 010	Benzyl alcohol
Outfall 010	Beryllium
Outfall 010	beta-BHC
Outfall 010	bis (2-Chloroethyl) ether
Outfall 010	bis (2-ethylhexyl) Phthalate
Outfall 010	bis(2-Chloroethoxy) methane
Outfall 010	bis(2-Chloroisopropyl) ether
Outfall 010	Boron
Outfall 010	Bromodichloromethane
Outfall 010	Bromoform
Outfall 010	Bromomethane
Outfall 010	Butylbenzylphthalate
Outfall 010	Carbon Tetrachloride
Outfall 010	Chlordane
Outfall 010	Chlorobenzene
Outfall 010	Chloroethane
Outfall 010	Chloroform
Outfall 010	Chloromethane
Outfall 010	Chlorpyrifos
Outfall 010	Chronic Toxicity
Outfall 010	Chrysene
Outfall 010	cis-1,3-Dichloropropene
Outfall 010	delta-BHC
Outfall 010	Diazinon
Outfall 010	Dibenzo(a,h)anthracene
Outfall 010	Dibenzofuran
Outfall 010	Dibromochloromethane
Outfall 010	Dieldrin
Outfall 010	Diethylphthalate
Outfall 010	Dimethylphthalate
Outfall 010	Di-n-butylphthalate
Outfall 010	Di-n-octylphthalate
Outfall 010	Endosulfan I
Outfall 010	Endosulfan II
Outfall 010	Endosulfan sulfate
Outfall 010	Endrin
Outfall 010	Endrin aldehyde
Outfall 010	Endrin ketone
Outfall 010	Ethylbenzene
Outfall 010	Fluoranthene
Outfall 010	Fluorene

Outfall Location	Analyte
Outfall 010	Heptachlor
Outfall 010	Heptachlor epoxide
Outfall 010	Hexachlorobenzene
Outfall 010	Hexachlorobutadiene
Outfall 010	Hexachlorocyclopentadiene
Outfall 010	Hexachloroethane
Outfall 010	Indeno(1,2,3-cd)pyrene
Outfall 010	Isophorone
Outfall 010	Lindane (gamma-BHC)
Outfall 010	Methoxychlor
Outfall 010	Methylene Chloride
Outfall 010	m-Nitroaniline
Outfall 010	Naphthalene
Outfall 010	Nitrobenzene
Outfall 010	n-Nitrosodimethylamine
Outfall 010	n-Nitroso-di-n-propylamine
Outfall 010	n-Nitrosodiphenylamine
Outfall 010	o-Nitroaniline
Outfall 010	PCBs
Outfall 010	p-Cresol
Outfall 010	Pentachlorophenol
Outfall 010	Perchlorate
Outfall 010	Phenanthrene
Outfall 010	Phenol
Outfall 010	p-Nitroaniline
Outfall 010	Pyrene
Outfall 010	Selenium
Outfall 010	Silver
Outfall 010	Tetrachloroethene
Outfall 010	Thallium
Outfall 010	Toluene
Outfall 010	Total Cyanide
Outfall 010	Toxaphene
Outfall 010	trans-1,2-Dichloroethene
Outfall 010	trans-1,3-Dichloropropene
Outfall 010	Trichloroethene
Outfall 010	Trichlorofluoromethane
Outfall 010	Trichlorotrifluoroethane (Freon 113)
Outfall 010	Vinyl chloride
Outfall 010	Xylenes (Total)
Outfall 011	1,1,2,2-Tetrachloroethane
Outfall 011	1,1,2-Trichloroethane
Outfall 011	1,1-Dichloroethane
Outfall 011	1,1-Dichloroethene

Outfall Location	Analyte
Outfall 011	1,2,4-Trichlorobenzene
Outfall 011	1,2-Dichloro-1,1,2-trifluoroethane
Outfall 011	1,2-Dichlorobenzene
Outfall 011	1,2-Dichloroethane
Outfall 011	1,2-Dichloropropane
Outfall 011	1,2-Diphenylhydrazine/Azobenzene
Outfall 011	1,3-Dichlorobenzene
Outfall 011	1,4-Dichlorobenzene
Outfall 011	1,4-Dioxane
Outfall 011	2,4,5-Trichlorophenol
Outfall 011	2,4,6-Trichlorophenol
Outfall 011	2,4-Dichlorophenol
Outfall 011	2,4-Dimethylphenol
Outfall 011	2,4-Dinitrophenol
Outfall 011	2,4-Dinitrotoluene
Outfall 011	2,6-Dinitrotoluene
Outfall 011	2-Chloroethylvinylether
Outfall 011	2-Chloronaphthalene
Outfall 011	2-Chlorophenol
Outfall 011	2-Methyl-4,6-dinitrophenol
Outfall 011	2-Methylnaphthalene
Outfall 011	2-Methylphenol
Outfall 011	2-Nitrophenol
Outfall 011	3,3'-Dichlorobenzidine
Outfall 011	4,4'-DDD
Outfall 011	4,4'-DDE
Outfall 011	4,4'-DDT
Outfall 011	4-Bromophenylphenylether
Outfall 011	4-Chloro-3-methylphenol
Outfall 011	4-Chloroaniline
Outfall 011	4-Chlorophenylphenylether
Outfall 011	4-Nitrophenol
Outfall 011	Acenaphthene
Outfall 011	Acenaphthylene
Outfall 011	Acrolein
Outfall 011	Acrylonitrile
Outfall 011	Acute Toxicity
Outfall 011	Aldrin
Outfall 011	alpha-BHC
Outfall 011	Aniline
Outfall 011	Anthracene
Outfall 011	Benzidine
Outfall 011	Benzo(a)anthracene
Outfall 011	Benzo(a)pyrene

Outfall Location	Analyte
Outfall 011	Benzo(b)fluoranthene
Outfall 011	Benzo(g,h,i)perylene
Outfall 011	Benzo(k)fluoranthene
Outfall 011	Benzoic acid
Outfall 011	Benzyl alcohol
Outfall 011	beta-BHC
Outfall 011	bis (2-Chloroethyl) ether
Outfall 011	bis(2-Chloroethoxy) methane
Outfall 011	bis(2-Chloroisopropyl) ether
Outfall 011	Bromodichloromethane
Outfall 011	Bromoform
Outfall 011	Bromomethane
Outfall 011	Carbon Tetrachloride
Outfall 011	Chlordane
Outfall 011	Chlorobenzene
Outfall 011	Chloroethane
Outfall 011	Chloroform
Outfall 011	Chloromethane
Outfall 011	Chronic Toxicity
Outfall 011	Chrysene
Outfall 011	cis-1,3-Dichloropropene
Outfall 011	Cyclohexane
Outfall 011	delta-BHC
Outfall 011	Dibenzo(a,h)anthracene
Outfall 011	Dibenzofuran
Outfall 011	Dibromochloromethane
Outfall 011	Dieldrin
Outfall 011	Diethylphthalate
Outfall 011	Dimethylphthalate
Outfall 011	Di-n-butylphthalate
Outfall 011	Di-n-octylphthalate
Outfall 011	Endosulfan I
Outfall 011	Endosulfan II
Outfall 011	Endosulfan sulfate
Outfall 011	Endrin
Outfall 011	Endrin aldehyde
Outfall 011	Endrin ketone
Outfall 011	Ethylbenzene
Outfall 011	Fluoranthene
Outfall 011	Fluorene
Outfall 011	Heptachlor
Outfall 011	Heptachlor epoxide
Outfall 011	Hexachlorobenzene
Outfall 011	Hexachlorobutadiene

Outfall Location	Analyte
Outfall 011	Hexachlorocyclopentadiene
Outfall 011	Hexachloroethane
Outfall 011	Indeno(1,2,3-cd)pyrene
Outfall 011	Lindane (gamma-BHC)
Outfall 011	Methoxychlor
Outfall 011	Methylene Chloride
Outfall 011	m-Nitroaniline
Outfall 011	Monomethyl Hydrazine
Outfall 011	Naphthalene
Outfall 011	Nitrobenzene
Outfall 011	n-Nitrosodimethylamine
Outfall 011	n-Nitroso-di-n-propylamine
Outfall 011	n-Nitrosodiphenylamine
Outfall 011	o-Nitroaniline
Outfall 011	PCBs
Outfall 011	p-Cresol
Outfall 011	Pentachlorophenol
Outfall 011	Perchlorate
Outfall 011	Phenanthrene
Outfall 011	Phenol
Outfall 011	p-Nitroaniline
Outfall 011	Potassium-40
Outfall 011	Pyrene
Outfall 011	Selenium
Outfall 011	Silver
Outfall 011	Tetrachloroethene
Outfall 011	Thallium
Outfall 011	Toluene
Outfall 011	Toxaphene
Outfall 011	TPH
Outfall 011	trans-1,2-Dichloroethene
Outfall 011	trans-1,3-Dichloropropene
Outfall 011	Trichlorofluoromethane
Outfall 011	Trichlorotrifluoroethane (Freon 113)
Outfall 011	Vinyl chloride
Outfall 011	Xylenes (Total)
Outfall 012	1,1,1-Trichloroethane
Outfall 012	1,1,2,2-Tetrachloroethane
Outfall 012	1,1,2-Trichloroethane
Outfall 012	1,1-Dichloroethane
Outfall 012	1,1-Dichloroethene
Outfall 012	1,2,3-Trichloropropane
Outfall 012	1,2,4-Trichlorobenzene
Outfall 012	1,2-Dichlorobenzene

Outfall Location	Analyte
Outfall 012	1,2-Dichloroethane
Outfall 012	1,2-Dichloropropane
Outfall 012	1,2-Diphenylhydrazine/Azobenzene
Outfall 012	1,3-Dichlorobenzene
Outfall 012	1,4-Dichlorobenzene
Outfall 012	2,4,5-Trichlorophenol
Outfall 012	2,4,6-Trichlorophenol
Outfall 012	2,4-Dichlorophenol
Outfall 012	2,4-Dimethylphenol
Outfall 012	2,4-Dinitrophenol
Outfall 012	2,4-Dinitrotoluene
Outfall 012	2,6-Dinitrotoluene
Outfall 012	2-Chloroethylvinylether
Outfall 012	2-Chloronaphthalene
Outfall 012	2-Chlorophenol
Outfall 012	2-Methyl-4,6-dinitrophenol
Outfall 012	2-Methylphenol
Outfall 012	2-Nitrophenol
Outfall 012	3,3'-Dichlorobenzidine
Outfall 012	4,4'-DDD
Outfall 012	4,4'-DDE
Outfall 012	4,4'-DDT
Outfall 012	4-Bromophenylphenylether
Outfall 012	4-Chloro-3-methylphenol
Outfall 012	4-Chloroaniline
Outfall 012	4-Chlorophenylphenylether
Outfall 012	4-Nitrophenol
Outfall 012	Acenaphthene
Outfall 012	Acrolein
Outfall 012	Acrylonitrile
Outfall 012	Acute Toxicity
Outfall 012	Aldrin
Outfall 012	alpha-BHC
Outfall 012	Aniline
Outfall 012	Anthracene
Outfall 012	Arsenic
Outfall 012	Benzidine
Outfall 012	Benzo(a)anthracene
Outfall 012	Benzo(a)pyrene
Outfall 012	Benzo(b)fluoranthene
Outfall 012	Benzo(g,h,i)perylene
Outfall 012	Benzo(k)fluoranthene
Outfall 012	Benzoic acid
Outfall 012	Benzyl alcohol

Outfall Location	Analyte
Outfall 012	Beryllium
Outfall 012	beta-BHC
Outfall 012	bis (2-Chloroethyl) ether
Outfall 012	bis (2-ethylhexyl) Phthalate
Outfall 012	bis(2-Chloroethoxy) methane
Outfall 012	bis(2-Chloroisopropyl) ether
Outfall 012	Bromomethane
Outfall 012	Butylbenzylphthalate
Outfall 012	Carbon Tetrachloride
Outfall 012	Chlordane
Outfall 012	Chlorobenzene
Outfall 012	Chloroethane
Outfall 012	Chloromethane
Outfall 012	Chrysene
Outfall 012	cis-1,3-Dichloropropene
Outfall 012	delta-BHC
Outfall 012	Dibenzo(a,h)anthracene
Outfall 012	Dibenzofuran
Outfall 012	Dieldrin
Outfall 012	Diethylphthalate
Outfall 012	Diisopropyl ether
Outfall 012	Dimethylphthalate
Outfall 012	Di-n-butylphthalate
Outfall 012	Di-n-octylphthalate
Outfall 012	Endosulfan I
Outfall 012	Endosulfan II
Outfall 012	Endosulfan sulfate
Outfall 012	Endrin
Outfall 012	Endrin aldehyde
Outfall 012	Endrin ketone
Outfall 012	Ethylene dibromide
Outfall 012	Fluoranthene
Outfall 012	Fluorene
Outfall 012	Heptachlor
Outfall 012	Heptachlor epoxide
Outfall 012	Hexachlorobenzene
Outfall 012	Hexachlorobutadiene
Outfall 012	Hexachlorocyclopentadiene
Outfall 012	Hexachloroethane
Outfall 012	Indeno(1,2,3-cd)pyrene
Outfall 012	Isophorone
Outfall 012	Lindane (gamma-BHC)
Outfall 012	Methoxychlor
Outfall 012	Methylene Chloride

Outfall Location	Analyte
Outfall 012	Methyl-tert-butyl ether
Outfall 012	m-Nitroaniline
Outfall 012	Nitrite-N
Outfall 012	Nitrobenzene
Outfall 012	n-Nitrosodimethylamine
Outfall 012	n-Nitroso-di-n-propylamine
Outfall 012	n-Nitrosodiphenylamine
Outfall 012	o-Nitroaniline
Outfall 012	PCBs
Outfall 012	p-Cresol
Outfall 012	Pentachlorophenol
Outfall 012	Perchlorate
Outfall 012	p-Nitroaniline
Outfall 012	Pyrene
Outfall 012	Silver
Outfall 012	Tetrachloroethene
Outfall 012	Thallium
Outfall 012	Toxaphene
Outfall 012	trans-1,2-Dichloroethene
Outfall 012	trans-1,3-Dichloropropene
Outfall 012	Trichlorofluoromethane
Outfall 012	Trichlorotrifluoroethane (Freon 113)
Outfall 012	Vinyl chloride
Outfall 013	1,1,1-Trichloroethane
Outfall 013	1,1,2,2-Tetrachloroethane
Outfall 013	1,1,2-Trichloroethane
Outfall 013	1,1-Dichloroethane
Outfall 013	1,1-Dichloroethene
Outfall 013	1,2,3-Trichloropropane
Outfall 013	1,2,4-Trichlorobenzene
Outfall 013	1,2-Dichlorobenzene
Outfall 013	1,2-Dichloroethane
Outfall 013	1,2-Dichloropropane
Outfall 013	1,2-Diphenylhydrazine/Azobenzene
Outfall 013	1,3-Dichlorobenzene
Outfall 013	1,4-Dichlorobenzene
Outfall 013	1,4-Dioxane
Outfall 013	2,4,5-Trichlorophenol
Outfall 013	2,4,6-Trichlorophenol
Outfall 013	2,4-Dichlorophenol
Outfall 013	2,4-Dimethylphenol
Outfall 013	2,4-Dinitrophenol
Outfall 013	2,4-Dinitrotoluene
Outfall 013	2,6-Dinitrotoluene

Outfall Location	Analyte
Outfall 013	2-Chloroethylvinylether
Outfall 013	2-Chloronaphthalene
Outfall 013	2-Chlorophenol
Outfall 013	2-Methyl-4,6-dinitrophenol
Outfall 013	2-Methylnaphthalene
Outfall 013	2-Methylphenol
Outfall 013	2-Nitrophenol
Outfall 013	3,3'-Dichlorobenzidine
Outfall 013	4,4'-DDD
Outfall 013	4,4'-DDE
Outfall 013	4,4'-DDT
Outfall 013	4-Bromophenylphenylether
Outfall 013	4-Chloro-3-methylphenol
Outfall 013	4-Chloroaniline
Outfall 013	4-Chlorophenylphenylether
Outfall 013	4-Nitrophenol
Outfall 013	Acenaphthene
Outfall 013	Acenaphthylene
Outfall 013	Acrylonitrile
Outfall 013	Acute Toxicity
Outfall 013	Aldrin
Outfall 013	alpha-BHC
Outfall 013	Aniline
Outfall 013	Anthracene
Outfall 013	Arsenic
Outfall 013	Benzene
Outfall 013	Benzidine
Outfall 013	Benzo(a)anthracene
Outfall 013	Benzo(a)pyrene
Outfall 013	Benzo(b)fluoranthene
Outfall 013	Benzo(g,h,i)perylene
Outfall 013	Benzo(k)fluoranthene
Outfall 013	Benzoic acid
Outfall 013	Benzyl alcohol
Outfall 013	Beryllium
Outfall 013	beta-BHC
Outfall 013	bis (2-Chloroethyl) ether
Outfall 013	bis (2-ethylhexyl) Phthalate
Outfall 013	bis(2-Chloroethoxy) methane
Outfall 013	bis(2-Chloroisopropyl) ether
Outfall 013	Bromodichloromethane
Outfall 013	Bromoform
Outfall 013	Bromomethane
Outfall 013	Butylbenzylphthalate

Outfall Location	Analyte
Outfall 013	Carbon Tetrachloride
Outfall 013	Chlordane
Outfall 013	Chlorobenzene
Outfall 013	Chloroethane
Outfall 013	Chloroform
Outfall 013	Chloromethane
Outfall 013	Chromium
Outfall 013	Chrysene
Outfall 013	cis-1,3-Dichloropropene
Outfall 013	delta-BHC
Outfall 013	Dibenzo(a,h)anthracene
Outfall 013	Dibenzofuran
Outfall 013	Dibromochloromethane
Outfall 013	Dieldrin
Outfall 013	Diethylphthalate
Outfall 013	Diisopropyl ether
Outfall 013	Dimethylphthalate
Outfall 013	Di-n-butylphthalate
Outfall 013	Di-n-octylphthalate
Outfall 013	Endosulfan I
Outfall 013	Endosulfan II
Outfall 013	Endosulfan sulfate
Outfall 013	Endrin
Outfall 013	Endrin aldehyde
Outfall 013	Endrin ketone
Outfall 013	Ethylbenzene
Outfall 013	Ethylene dibromide
Outfall 013	Fluoranthene
Outfall 013	Fluorene
Outfall 013	Heptachlor
Outfall 013	Heptachlor epoxide
Outfall 013	Hexachlorobenzene
Outfall 013	Hexachlorobutadiene
Outfall 013	Hexachlorocyclopentadiene
Outfall 013	Hexachloroethane
Outfall 013	Indeno(1,2,3-cd)pyrene
Outfall 013	Isophorone
Outfall 013	Lindane (gamma-BHC)
Outfall 013	Mercury
Outfall 013	Methoxychlor
Outfall 013	Methylene Chloride
Outfall 013	Methyl-tert-butyl ether
Outfall 013	m-Nitroaniline
Outfall 013	Naphthalene

Outfall Location	Analyte
Outfall 013	Nickel
Outfall 013	Nitrite-N
Outfall 013	Nitrobenzene
Outfall 013	n-Nitrosodimethylamine
Outfall 013	n-Nitroso-di-n-propylamine
Outfall 013	n-Nitrosodiphenylamine
Outfall 013	o-Nitroaniline
Outfall 013	PCBs
Outfall 013	p-Cresol
Outfall 013	Pentachlorophenol
Outfall 013	Perchlorate
Outfall 013	Phenanthrene
Outfall 013	Phenol
Outfall 013	p-Nitroaniline
Outfall 013	Pyrene
Outfall 013	Selenium
Outfall 013	Silver
Outfall 013	TCDD TEQ_NoDNQ
Outfall 013	tertiary Butyl Alcohol
Outfall 013	Tetrachloroethene
Outfall 013	Thallium
Outfall 013	Toluene
Outfall 013	Total Cyanide
Outfall 013	Total Settleable Solids
Outfall 013	Total Suspended Solids
Outfall 013	Toxaphene
Outfall 013	TPH
Outfall 013	trans-1,2-Dichloroethene
Outfall 013	trans-1,3-Dichloropropene
Outfall 013	Trichloroethene
Outfall 013	Trichlorofluoromethane
Outfall 013	Trichlorotrifluoroethane (Freon 113)
Outfall 013	Vinyl chloride
Outfall 013	Xylenes (Total)
Outfall 014	1,1,1-Trichloroethane
Outfall 014	1,1,2,2-Tetrachloroethane
Outfall 014	1,1,2-Trichloroethane
Outfall 014	1,1-Dichloroethane
Outfall 014	1,1-Dichloroethene
Outfall 014	1,2,3-Trichloropropane
Outfall 014	1,2,4-Trichlorobenzene
Outfall 014	1,2-Dichlorobenzene
Outfall 014	1,2-Dichloroethane
Outfall 014	1,2-Dichloropropane

Outfall Location	Analyte
Outfall 014	1,2-Diphenylhydrazine/Azobenzene
Outfall 014	1,3-Dichlorobenzene
Outfall 014	1,4-Dichlorobenzene
Outfall 014	1,4-Dioxane
Outfall 014	2,4,5-Trichlorophenol
Outfall 014	2,4,6-Trichlorophenol
Outfall 014	2,4-Dichlorophenol
Outfall 014	2,4-Dimethylphenol
Outfall 014	2,4-Dinitrophenol
Outfall 014	2,4-Dinitrotoluene
Outfall 014	2,6-Dinitrotoluene
Outfall 014	2-Chloroethylvinylether
Outfall 014	2-Chloronaphthalene
Outfall 014	2-Chlorophenol
Outfall 014	2-Methyl-4,6-dinitrophenol
Outfall 014	2-Methylnaphthalene
Outfall 014	2-Methylphenol
Outfall 014	2-Nitrophenol
Outfall 014	3,3'-Dichlorobenzidine
Outfall 014	4,4'-DDD
Outfall 014	4,4'-DDE
Outfall 014	4,4'-DDT
Outfall 014	4-Bromophenylphenylether
Outfall 014	4-Chloro-3-methylphenol
Outfall 014	4-Chloroaniline
Outfall 014	4-Chlorophenylphenylether
Outfall 014	4-Nitrophenol
Outfall 014	Acenaphthene
Outfall 014	Acenaphthylene
Outfall 014	Acrolein
Outfall 014	Acrylonitrile
Outfall 014	Acute Toxicity
Outfall 014	Aldrin
Outfall 014	alpha-BHC
Outfall 014	Ammonia as Nitrogen (N)
Outfall 014	Aniline
Outfall 014	Anthracene
Outfall 014	Arsenic
Outfall 014	Benzene
Outfall 014	Benzidine
Outfall 014	Benzo(a)anthracene
Outfall 014	Benzo(a)pyrene
Outfall 014	Benzo(b)fluoranthene
Outfall 014	Benzo(g,h,i)perylene

Outfall Location	Analyte
Outfall 014	Benzo(k)fluoranthene
Outfall 014	Benzoic acid
Outfall 014	Benzyl alcohol
Outfall 014	Beryllium
Outfall 014	beta-BHC
Outfall 014	bis (2-Chloroethyl) ether
Outfall 014	bis (2-ethylhexyl) Phthalate
Outfall 014	bis(2-Chloroethoxy) methane
Outfall 014	bis(2-Chloroisopropyl) ether
Outfall 014	Boron
Outfall 014	Bromodichloromethane
Outfall 014	Bromoform
Outfall 014	Bromomethane
Outfall 014	Butylbenzylphthalate
Outfall 014	Carbon Tetrachloride
Outfall 014	Chlordane
Outfall 014	Chlorobenzene
Outfall 014	Chloroethane
Outfall 014	Chloroform
Outfall 014	Chloromethane
Outfall 014	Chromium
Outfall 014	Chrysene
Outfall 014	cis-1,3-Dichloropropene
Outfall 014	delta-BHC
Outfall 014	Dibenzo(a,h)anthracene
Outfall 014	Dibenzofuran
Outfall 014	Dibromochloromethane
Outfall 014	Dieldrin
Outfall 014	Diethylphthalate
Outfall 014	Diisopropyl ether
Outfall 014	Dimethylphthalate
Outfall 014	Di-n-butylphthalate
Outfall 014	Di-n-octylphthalate
Outfall 014	Endosulfan I
Outfall 014	Endosulfan II
Outfall 014	Endosulfan sulfate
Outfall 014	Endrin
Outfall 014	Endrin aldehyde
Outfall 014	Endrin ketone
Outfall 014	Ethylbenzene
Outfall 014	Ethylene dibromide
Outfall 014	Fluoranthene
Outfall 014	Fluorene
Outfall 014	Heptachlor

Outfall Location	Analyte
Outfall 014	Heptachlor epoxide
Outfall 014	Hexachlorobenzene
Outfall 014	Hexachlorobutadiene
Outfall 014	Hexachlorocyclopentadiene
Outfall 014	Hexachloroethane
Outfall 014	Indeno(1,2,3-cd)pyrene
Outfall 014	Isophorone
Outfall 014	Lindane (gamma-BHC)
Outfall 014	Mercury
Outfall 014	Methoxychlor
Outfall 014	Methylene Chloride
Outfall 014	Methyl-tert-butyl ether
Outfall 014	m-Nitroaniline
Outfall 014	Monomethyl Hydrazine
Outfall 014	Naphthalene
Outfall 014	Nickel
Outfall 014	Nitrite-N
Outfall 014	Nitrobenzene
Outfall 014	n-Nitrosodimethylamine
Outfall 014	n-Nitroso-di-n-propylamine
Outfall 014	n-Nitrosodiphenylamine
Outfall 014	o-Nitroaniline
Outfall 014	PCBs
Outfall 014	p-Cresol
Outfall 014	Pentachlorophenol
Outfall 014	Perchlorate
Outfall 014	Phenanthrene
Outfall 014	Phenol
Outfall 014	p-Nitroaniline
Outfall 014	Pyrene
Outfall 014	Silver
Outfall 014	tertiary Butyl Alcohol
Outfall 014	Tetrachloroethene
Outfall 014	Thallium
Outfall 014	Toluene
Outfall 014	Total Cyanide
Outfall 014	Total Settleable Solids
Outfall 014	Toxaphene
Outfall 014	TPH
Outfall 014	trans-1,2-Dichloroethene
Outfall 014	trans-1,3-Dichloropropene
Outfall 014	Trichloroethene
Outfall 014	Trichlorofluoromethane
Outfall 014	Trichlorotrifluoroethane (Freon 113)

Outfall Location	Analyte
Outfall 014	Vinyl chloride
Outfall 014	Xylenes (Total)
Outfall 018	1,1,1-Trichloroethane
Outfall 018	1,1,2,2-Tetrachloroethane
Outfall 018	1,1,2-Trichloroethane
Outfall 018	1,1-Dichloroethane
Outfall 018	1,1-Dichloroethene
Outfall 018	1,2,4-Trichlorobenzene
Outfall 018	1,2-Dichloro-1,1,2-trifluoroethane
Outfall 018	1,2-Dichlorobenzene
Outfall 018	1,2-Dichloroethane
Outfall 018	1,2-Dichloropropane
Outfall 018	1,2-Diphenylhydrazine/Azobenzene
Outfall 018	1,3-Dichlorobenzene
Outfall 018	1,4-Dichlorobenzene
Outfall 018	2,4,5-Trichlorophenol
Outfall 018	2,4,6-Trichlorophenol
Outfall 018	2,4-Dichlorophenol
Outfall 018	2,4-Dimethylphenol
Outfall 018	2,4-Dinitrophenol
Outfall 018	2,4-Dinitrotoluene
Outfall 018	2,6-Dinitrotoluene
Outfall 018	2-Chloroethylvinylether
Outfall 018	2-Chloronaphthalene
Outfall 018	2-Chlorophenol
Outfall 018	2-Methyl-4,6-dinitrophenol
Outfall 018	2-Methylnaphthalene
Outfall 018	2-Methylphenol
Outfall 018	2-Nitrophenol
Outfall 018	3,3'-Dichlorobenzidine
Outfall 018	4,4'-DDD
Outfall 018	4,4'-DDE
Outfall 018	4,4'-DDT
Outfall 018	4-Bromophenylphenylether
Outfall 018	4-Chloro-3-methylphenol
Outfall 018	4-Chloroaniline
Outfall 018	4-Chlorophenylphenylether
Outfall 018	4-Nitrophenol
Outfall 018	Acenaphthene
Outfall 018	Acenaphthylene
Outfall 018	Acrolein
Outfall 018	Acrylonitrile
Outfall 018	Acute Toxicity
Outfall 018	Aldrin

Outfall Location	Analyte
Outfall 018	alpha-BHC
Outfall 018	Aniline
Outfall 018	Anthracene
Outfall 018	Arsenic
Outfall 018	Benzene
Outfall 018	Benzidine
Outfall 018	Benzo(a)anthracene
Outfall 018	Benzo(a)pyrene
Outfall 018	Benzo(b)fluoranthene
Outfall 018	Benzo(g,h,i)perylene
Outfall 018	Benzo(k)fluoranthene
Outfall 018	Benzoic acid
Outfall 018	Benzyl alcohol
Outfall 018	Beryllium
Outfall 018	beta-BHC
Outfall 018	bis (2-Chloroethyl) ether
Outfall 018	bis(2-Chloroethoxy) methane
Outfall 018	bis(2-Chloroisopropyl) ether
Outfall 018	Bromodichloromethane
Outfall 018	Bromoform
Outfall 018	Bromomethane
Outfall 018	Carbon Tetrachloride
Outfall 018	Chlordane
Outfall 018	Chlorobenzene
Outfall 018	Chloroethane
Outfall 018	Chloroform
Outfall 018	Chloromethane
Outfall 018	Chronic Toxicity
Outfall 018	Chrysene
Outfall 018	cis-1,3-Dichloropropene
Outfall 018	Cyclohexane
Outfall 018	delta-BHC
Outfall 018	Dibenzo(a,h)anthracene
Outfall 018	Dibenzofuran
Outfall 018	Dibromochloromethane
Outfall 018	Dieldrin
Outfall 018	Diethylphthalate
Outfall 018	Dimethylphthalate
Outfall 018	Di-n-butylphthalate
Outfall 018	Di-n-octylphthalate
Outfall 018	Endosulfan I
Outfall 018	Endosulfan II
Outfall 018	Endosulfan sulfate
Outfall 018	Endrin

Outfall Location	Analyte
Outfall 018	Endrin aldehyde
Outfall 018	Endrin ketone
Outfall 018	Ethylbenzene
Outfall 018	Fluoranthene
Outfall 018	Fluorene
Outfall 018	Heptachlor
Outfall 018	Heptachlor epoxide
Outfall 018	Hexachlorobenzene
Outfall 018	Hexachlorobutadiene
Outfall 018	Hexachlorocyclopentadiene
Outfall 018	Hexachloroethane
Outfall 018	Indeno(1,2,3-cd)pyrene
Outfall 018	Isophorone
Outfall 018	Lindane (gamma-BHC)
Outfall 018	Methoxychlor
Outfall 018	Methylene Chloride
Outfall 018	m-Nitroaniline
Outfall 018	Monomethyl Hydrazine
Outfall 018	Naphthalene
Outfall 018	Nitrite-N
Outfall 018	Nitrobenzene
Outfall 018	n-Nitrosodimethylamine
Outfall 018	n-Nitroso-di-n-propylamine
Outfall 018	n-Nitrosodiphenylamine
Outfall 018	o-Nitroaniline
Outfall 018	PCBs
Outfall 018	p-Cresol
Outfall 018	Phenanthrene
Outfall 018	Phenol
Outfall 018	p-Nitroaniline
Outfall 018	Pyrene
Outfall 018	Tetrachloroethene
Outfall 018	Thallium
Outfall 018	Toluene
Outfall 018	Toxaphene
Outfall 018	TPH
Outfall 018	trans-1,2-Dichloroethene
Outfall 018	trans-1,3-Dichloropropene
Outfall 018	Trichlorofluoromethane
Outfall 018	Trichlorotrifluoroethane (Freon 113)
Outfall 018	Vinyl chloride
Outfall 018	Xylenes (Total)

Additionally, Table 5 identifies those constituents that have been detected, but never detected above water quality standards by outfall location.

Table 5. Analytes Detected at Concentrations Not Exceeding Water Quality Standards by Outfall location.

Outfall Location	Analyte
Outfall 001	Ammonia as Nitrogen (N)
Outfall 001	Antimony
Outfall 001	Arsenic
Outfall 001	Barium
Outfall 001	Beryllium
Outfall 001	Biochemical Oxygen Demand (BOD 5 day)
Outfall 001	bis (2-ethylhexyl) Phthalate
Outfall 001	Cadmium
Outfall 001	Chloride
Outfall 001	Fluoride
Outfall 001	Gross Alpha
Outfall 001	Gross Beta
Outfall 001	Nickel
Outfall 001	Nitrate + Nitrite as Nitrogen (N)
Outfall 001	Nitrate as Nitrogen (N)
Outfall 001	Oil & Grease
Outfall 001	pH
Outfall 001	Selenium
Outfall 001	Silver
Outfall 001	Strontium-90
Outfall 001	Sulfate
Outfall 001	Temperature
Outfall 001	Thallium
Outfall 001	Total Combined Radium-226 & Radium 228
Outfall 001	Total Cyanide
Outfall 001	Total Dissolved Solids
Outfall 001	Total Settleable Solids
Outfall 001	Total Suspended Solids
Outfall 001	Tritium
Outfall 001	Uranium, Total
Outfall 001	Zinc
Outfall 002	2,4-Dinitrotoluene
Outfall 002	Ammonia as Nitrogen (N)
Outfall 002	Antimony
Outfall 002	Chloride
Outfall 002	Fluoride
Outfall 002	Nitrate as Nitrogen (N)
Outfall 002	Nitrite-N
Outfall 002	Oil & Grease
Outfall 002	pH

Outfall Location	Analyte
Outfall 002	Selenium
Outfall 002	Strontium-90
Outfall 002	Temperature
Outfall 002	Thallium
Outfall 002	Total Settleable Solids
Outfall 002	Total Suspended Solids
Outfall 002	Trichloroethene
Outfall 002	Tritium
Outfall 002	Uranium, Total
Outfall 003	Boron
Outfall 003	Cadmium
Outfall 003	Chloride
Outfall 003	Fluoride
Outfall 003	Gross Alpha
Outfall 003	Lead
Outfall 003	Mercury
Outfall 003	Nickel
Outfall 003	Nitrate + Nitrite as Nitrogen (N)
Outfall 003	Oil & Grease
Outfall 003	Strontium-90
Outfall 003	Sulfate
Outfall 003	Temperature
Outfall 003	Total Combined Radium-226 & Radium 228
Outfall 003	Total Dissolved Solids
Outfall 003	Tritium
Outfall 003	Uranium, Total
Outfall 004	Antimony
Outfall 004	Boron
Outfall 004	Cadmium
Outfall 004	Chloride
Outfall 004	Fluoride
Outfall 004	Gross Alpha
Outfall 004	Lead
Outfall 004	Nitrate + Nitrite as Nitrogen (N)
Outfall 004	Oil & Grease
Outfall 004	pH
Outfall 004	Strontium-90
Outfall 004	Sulfate
Outfall 004	Temperature
Outfall 004	Thallium
Outfall 004	Total Combined Radium-226 & Radium 228
Outfall 004	Total Dissolved Solids
Outfall 004	Tritium
Outfall 004	Uranium, Total

Outfall Location	Analyte
Outfall 005	Antimony
Outfall 005	Boron
Outfall 005	Cadmium
Outfall 005	Fluoride
Outfall 005	Gross Alpha
Outfall 005	Gross Beta
Outfall 005	Lead
Outfall 005	Nickel
Outfall 005	Oil & Grease
Outfall 005	pH
Outfall 005	Strontium-90
Outfall 005	Sulfate
Outfall 005	Temperature
Outfall 005	Thallium
Outfall 005	Total Combined Radium-226 & Radium 228
Outfall 005	Tritium
Outfall 005	Uranium, Total
Outfall 006	Antimony
Outfall 006	Boron
Outfall 006	Cadmium
Outfall 006	Fluoride
Outfall 006	Gross Alpha
Outfall 006	Lead
Outfall 006	Nitrate + Nitrite as Nitrogen (N)
Outfall 006	Oil & Grease
Outfall 006	Strontium-90
Outfall 006	Sulfate
Outfall 006	Temperature
Outfall 006	Thallium
Outfall 006	Total Combined Radium-226 & Radium 228
Outfall 006	Total Dissolved Solids
Outfall 006	Tritium
Outfall 006	Uranium, Total
Outfall 007	Boron
Outfall 007	Cadmium
Outfall 007	Chloride
Outfall 007	Gross Alpha
Outfall 007	Gross Beta
Outfall 007	Mercury
Outfall 007	Nitrate + Nitrite as Nitrogen (N)
Outfall 007	Oil & Grease
Outfall 007	pH
Outfall 007	Strontium-90
Outfall 007	Sulfate

Outfall Location	Analyte
Outfall 007	Temperature
Outfall 007	Thallium
Outfall 007	Total Combined Radium-226 & Radium 228
Outfall 007	Total Dissolved Solids
Outfall 007	Tritium
Outfall 007	Uranium, Total
Outfall 008	Antimony
Outfall 008	Boron
Outfall 008	Cadmium
Outfall 008	Chloride
Outfall 008	Copper
Outfall 008	Fluoride
Outfall 008	Gross Alpha
Outfall 008	Gross Beta
Outfall 008	Nickel
Outfall 008	Nitrate + Nitrite as Nitrogen (N)
Outfall 008	Nitrate as Nitrogen (N)
Outfall 008	Oil & Grease
Outfall 008	Perchlorate
Outfall 008	pH
Outfall 008	Strontium-90
Outfall 008	Sulfate
Outfall 008	TCDD TEQ_NoDNQ
Outfall 008	Temperature
Outfall 008	Total Combined Radium-226 & Radium 228
Outfall 008	Total Dissolved Solids
Outfall 008	Tritium
Outfall 008	Uranium, Total
Outfall 008	Zinc
Outfall 009	Antimony
Outfall 009	Boron
Outfall 009	Cadmium
Outfall 009	Chloride
Outfall 009	Fluoride
Outfall 009	Gross Alpha
Outfall 009	Gross Beta
Outfall 009	Mercury
Outfall 009	Nickel
Outfall 009	Nitrate + Nitrite as Nitrogen (N)
Outfall 009	Strontium-90
Outfall 009	Sulfate
Outfall 009	Temperature
Outfall 009	Thallium
Outfall 009	Total Combined Radium-226 & Radium 228

Outfall Location	Analyte
Outfall 011	Total Combined Radium-226 & Radium 228
Outfall 011	Total Dissolved Solids
Outfall 011	Total Settleable Solids
Outfall 011	Total Suspended Solids
Outfall 011	Tritium
Outfall 011	Uranium, Total
Outfall 011	Zinc
Outfall 012	Ammonia as Nitrogen (N)
Outfall 012	Boron
Outfall 012	Cadmium
Outfall 012	Copper
Outfall 012	Lead
Outfall 012	Nitrate + Nitrite as Nitrogen (N)
Outfall 012	Nitrate as Nitrogen (N)
Outfall 012	Oil & Grease
Outfall 012	Sulfate
Outfall 012	Total Dissolved Solids
Outfall 012	Zinc
Outfall 013	Ammonia as Nitrogen (N)
Outfall 013	Boron
Outfall 013	Chloride
Outfall 013	Copper
Outfall 013	Fluoride
Outfall 013	Lead
Outfall 013	Nitrate + Nitrite as Nitrogen (N)
Outfall 013	Nitrate as Nitrogen (N)
Outfall 013	Oil & Grease
Outfall 013	Sulfate
Outfall 013	Temperature
Outfall 013	Total Dissolved Solids
Outfall 014	Cadmium
Outfall 014	Copper
Outfall 014	Fluoride
Outfall 014	Lead
Outfall 014	Nitrate + Nitrite as Nitrogen (N)
Outfall 014	Nitrate as Nitrogen (N)
Outfall 014	Oil & Grease
Outfall 014	pH
Outfall 014	Sulfate
Outfall 014	Temperature
Outfall 014	Total Suspended Solids
Outfall 014	Zinc
Outfall 018	Ammonia as Nitrogen (N)
Outfall 018	Antimony

Outfall Location	Analyte
Outfall 018	Barium
Outfall 018	Biochemical Oxygen Demand (BOD 5 day)
Outfall 018	bis (2-ethylhexyl) Phthalate
Outfall 018	Cadmium
Outfall 018	Chloride
Outfall 018	Copper
Outfall 018	Fluoride
Outfall 018	Gross Alpha
Outfall 018	Gross Beta
Outfall 018	Lead
Outfall 018	Manganese
Outfall 018	Mercury
Outfall 018	Nickel
Outfall 018	Nitrate + Nitrite as Nitrogen (N)
Outfall 018	Nitrate as Nitrogen (N)
Outfall 018	Oil & Grease
Outfall 018	Pentachlorophenol
Outfall 018	Selenium
Outfall 018	Strontium-90
Outfall 018	Sulfate
Outfall 018	Surfactants (MBAS)
Outfall 018	Temperature
Outfall 018	Total Combined Radium-226 & Radium 228
Outfall 018	Total Cyanide
Outfall 018	Total Dissolved Solids
Outfall 018	Total Settleable Solids
Outfall 018	Total Suspended Solids
Outfall 018	Trichloroethene
Outfall 018	Tritium
Outfall 018	Uranium, Total
Outfall 018	Zinc

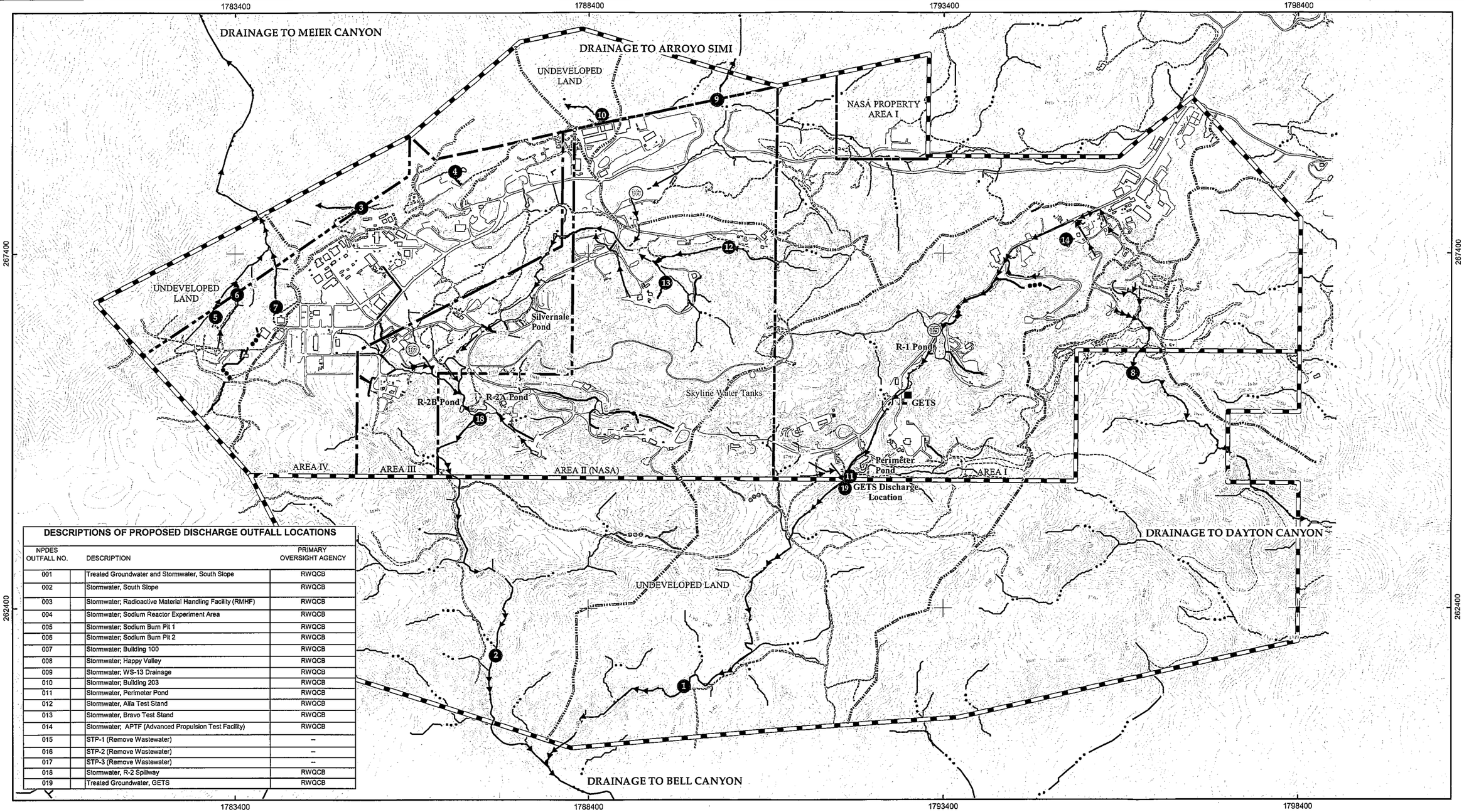
References

Geosyntec, 2008, Boeing SSFL Stormwater ENTS for Watersheds 008 009, Hydrology Report, September.

MWH and Flow Science, 2006, Reasonable Potential Analysis Methodology Technical Memo-Version 1, Final, Santa Susan Field Laboratory, Ventura County, California. April 28.

USEPA, 2008, Storm Water Management Model (SWMMM), Version 5.0.013. http://www.epa.gov/ednnrmrl/models/swmm/index.htm.

Ventura County Watershed Protection District, (2006), Hydrology Manual, Updated December, 2006, http://www.vcwatershed.org/hydrology/index.htm



DESCRIPTIONS OF PROPOSED DISCHARGE OUTFALL LOCATIONS

NPDES OUTFALL NO.	DESCRIPTION	PRIMARY OVERSIGHT AGENCY
001	Treated Groundwater and Stormwater, South Slope	RWQCB
002	Stormwater, South Slope	RWQCB
003	Stormwater; Radioactive Material Handling Facility (RMHF)	RWQCB
004	Stormwater; Sodium Reactor Experiment Area	RWQCB
005	Stormwater; Sodium Burn Pit 1	RWQCB
006	Stormwater; Sodium Burn Pit 2	RWQCB
007	Stormwater; Building 100	RWQCB
008	Stormwater; Happy Valley	RWQCB
009	Stormwater; WS-13 Drainage	RWQCB
010	Stormwater; Building 203	RWQCB
011	Stormwater, Perimeter Pond	RWQCB
012	Stormwater, Alfa Test Stand	RWQCB
013	Stormwater, Bravo Test Stand	RWQCB
014	Stormwater; APTF (Advanced Propulsion Test Facility)	RWQCB
015	STP-1 (Remove Wastewater)	--
016	STP-2 (Remove Wastewater)	--
017	STP-3 (Remove Wastewater)	--
018	Stormwater, R-2 Spillway	RWQCB
019	Treated Groundwater, GETS	RWQCB

0 500 1,000 2,000 Feet

MAP COORDINATES IN STATE PLANE, NAD 27, ZONE V

Legend

- NPDES Outfalls (RWQCB Primary Oversight Authority)
- Historical NPDES Outfalls
- Groundwater Extraction Treatment System (GETS)
- Effluent Pathways
- Surface Water Drainage Divide
- Natural Drainage
- Concrete Lined Drainage
- Graded Drainage
- Surface Water Reclamation Ponds

Base Map Legend

- SSFL Property Boundary
- Administrative Area Boundary
- Ground Elevation Contours
- Drainage Pathways
- A/C Curbing
- Dirt Road
- Existing Building or Structure

Site Map with Outfall Locations and Storm Water Drainage Systems

Date Jan 28, 2008

File: T:\projects\rocki\plots\arcmap\LOX\Draft\NPDES.mxd

MWH

FIGURE 1

Please print or type in the unshaded areas only.

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

S		T/A	C
F	CAD093365435		D
1	2 13	14	15

LABEL ITEMS	
EPA I.D. NUMBER	PLEASE PLACE LABEL IN THIS SPACE
III. FACILITY NAME	
V. FACILITY MAILING ADDRESS	
VI. FACILITY LOCATION	

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	
	16	17	18		19	20	21
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			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	
	22	23	24		25	26	27
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	
	28	29	30		31	32	33
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	
	34	35	36		37	38	39
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	
	40	41	42		43	44	45

III. NAME OF FACILITY

C 1 SKIP: The Boeing Company - Santa Susana Field Laboratory

15 | 16 – 29 | 30 … 69

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
C 2 Tom Gallacher, Director, SSFL	(818) 466-8161
15 | 16 … 45	46 48 | 49 51 | 52- 55

V. FACILTY MAILING ADDRESS

A. STREET OR P.O. BOX

C 3 5800 Woolsey Canyon Road

15 | 16 … 45

B. CITY OR TOWN	C. STATE	D. ZIP CODE
C 4 Canoga Park	CA	91304
15 | 16 … 40	41 42	47 51

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

C 5 Top of Woolsey Canyon Road

15 | 16 … 45

B. COUNTY NAME

Ventura

70

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
C 6 Canoga Park	CA	91034	
15 | 16 … 40	41 42	47 51	52 -54

CONTINUED FROM THE FRONT

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

A. FIRST	B. SECOND
7 8731 *(specify)* Commercial, Physical, and Biological Research	7 *(specify)*
C. THIRD	**D. FOURTH**
(specify)	7 *(specify)*

VIII. OPERATOR INFORMATION

A. NAME: 8 The Boeing Company

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

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

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

P *(specify)*

D. PHONE *(area code & no.)*: A (818) 466-8161

E. STREET OR P.O. BOX: 5800 Woolsey Canyon Road

F. CITY OR TOWN: B Canoga Park

G. STATE: CA

H. ZIP CODE: 91304

IX. INDIAN LAND

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

X. EXISTING ENVIRONMENTAL PERMITS

	C	T	I	
A. NPDES *(Discharges to Surface Water)*	9	N		CA0001309
D. PSD *(Air Emissions from Proposed Sources)*	9	P		
B. UIC *(Underground Injection of Fluids)*	9	U		
E. OTHER *(specify)*	9			CA3890090001 — *(specify)* Hazardous Waste
C. RCRA *(Hazardous Wastes)*	9	R		CAD000629972
E. OTHER *(specify)*	9			CA1800090010 — *(specify)* CAD093365435 Hazardous Waste

XI. MAP

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

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

Current operations include small scale laser research, which is in the process of being phased out, routine building and grounds maintenance, soil and groundwater investigation and cleanup, and building and equipment decommissioning and demolition.

Comprehensive descriptions of historical site operations can be found in documents posted at or linked to: http://www.dtsc.ca.gov/SiteCleanup/Projects/Santa_Susana.cfm and http://www.boeing.com/aboutus/environment/santa_susana/programs.html

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
Tom Gallacher, Director, SSFL	[signature]	12/10/08

COMMENTS FOR OFFICIAL USE ONLY

C

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Please print or type in the unshaded areas only.

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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	12	49	118	41	06	Bell Creek

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	Stormwater Run-Off	1yr 24hr flow 7 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	
		10yr 24hr flow 34 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model		
		100yr 24hr flow 73 MGD	based on a core EPA SWMM model.		
001	Treated Groundwater originating	0.25 MGD ave, 0.3 MGD peak at	Treat and discharge to Surface Water	1-A	2-B
	from outfall 019 when	019. Likely to infiltrate or	Treat with fine filtration, air stripping, advanced filtration or precipitation to	2-A	1-Q
	groundwater treatment system brought	evaporate. Anticipate lower	remove metals, granular activated carbon, and advanced oxidation	2-H	1-X
	online	flows than at 019	Discharges will start at lower flows than shown here and may rise to these levels.	4-A	

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

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <0.094						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <0.094						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <0.094						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <0.94						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <0.094						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <0.094						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <0.094						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <0.094						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <0.094						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <0.094						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <0.094						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <0.094						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <1.6	ND					3	ug/L	lbs/dy			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <0.94						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <0.66						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			0.19						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <0.094						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <0.094						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <0.094						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.094						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.094						2	ug/L				

CONTINUE ON PAGE V-7

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*): CAD093365435

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

OUTFALL NO. 001

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	1.9	8.95					3	mg/L	lbs/dy			
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	9.8						1	mg/L				
d. Total Suspended Solids (*TSS*)	120	332.31					3	mg/L	lbs/dy			
e. Ammonia (*as N*)	ND <0.30	ND					3	mg/L	lbs/dy			
f. Flow	VALUE 13,580		VALUE 13,305,700		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 12.2		VALUE		VALUE 10.2		3	°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.4	MAXIMUM 7.8	MINIMUM	MAXIMUM			3	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.17	0.47					1	mg/L	lbs/d			
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.29	0.80					1	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		3.8	17.91					3	mg/L	lbs/d			

CONTINUE ON REVERSE

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.19						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <0.38						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <0.094						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <0.094						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <0.19						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <0.19	ND					3	ug/L	lbs/dy			
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <0.094						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <0.094						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <0.094						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <0.094						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <0.094						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <0.094						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <0.19						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <0.094						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <0.19						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <0.094						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <0.094						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <0.094						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <0.094						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <0.094	ND					3	ug/L	lbs/dy			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <0.094						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <0.094						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <0.094						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <0.094						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <0.094						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND<0.0014						1	ug/L				
2P. α-BHC (319-84-6)	X			ND<0.0024	ND					3	ug/L	lbs/dy			
3P. β-BHC (319-85-7)	X			ND<0.0038						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND<0.0028						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND<0.0033						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.028						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND<0.0038						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND<0.0028						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND<0.0019						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND<0.0019						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND<0.0019						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND<0.0028						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND<0.0028						1	ug/L				
14P. Endrin (72-20-8)	X			ND<0.0019						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND<0.0019						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND<0.0028						1	ug/L				

CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	001

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND<0.0024						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.066						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
002	34	12	51	118	42	16	Bell Creek

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. OUT-FALL 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	
002	Stormwater Run-Off	1yr 24hr flow 4 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	
		10yr 24hr flow 40 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model		
		100yr 24hr flow 108 MGD	based on a core EPA SWMM model.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	**D. DATE SIGNED**
T. Gallacher	12/10/08

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*)
CAD093365435

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

OUTFALL NO. 002

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	20	1868.16					4	mg/L	lbs/d			
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	53						2	mg/L				
d. Total Suspended Solids (*TSS*)	33,000	64275					4	mg/L	lbs/d			
e. Ammonia (*as N*)	5.9	ND					4	mg/L	lbs/d			
f. Flow	VALUE 2,127		VALUE 5,757,210		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 28.3		VALUE		VALUE 15.3			°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.0	MAXIMUM 8.4	MINIMUM	MAXIMUM			4	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.14	186.8					2	mg/L	lbs/d			
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.50	453.7					2	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		4.0	2935.68					4	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		2.2	29835.7					4	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		701						4	pCi/L				
(2) Beta, Total	X		426						4	pCi/L				
(3) Radium, Total	X		17.0+/-1.3						4	pCi/L				
(4) Radium 226, Total	X		14.0+/-1.3						4	pCi/L				
k. Sulfate (*as* SO_4) (14808-79-8)	X		140	186,816					4	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants	X		0.18	240.19					4	mg/L	lbs/d			
o. Aluminum, Total (7429-90-5)	X		No data											
p. Barium, Total (7440-39-3)	X		2.3	57.38					4	mg/L	lbs/d			
q. Boron, Total (7440-42-8)	X		0.22						2	mg/l				
r. Cobalt, Total (7440-48-4)	X		91						2	ug/L				
s. Iron, Total (7439-89-6)	X		97	827.33					4	mg/L	lbs/d			
t. Magnesium, Total (7439-95-4)	X		54						2	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		11000	26.69					4	ug/L	lbs/d			
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
CAD093365435	002

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			0.4	ND					2	ug/L	lbs/d			
2M. Arsenic, Total (7440-38-2)	X			35	1.32					4	ug/L	lbs/d			
3M. Beryllium, Total (7440-41-7)	X			11	0.007					4	ug/L	lbs/d			
4M. Cadmium, Total (7440-43-9)	X			6.9	0.0041					4	ug/L	lbs/d			
5M. Chromium, Total (7440-47-3)	X			100						4	ug/L				
6M. Copper, Total (7440-50-8)	X			100	4.14					4	ug/L	lbs/d			
7M. Lead, Total (7439-92-1)	X			310	0.51					4	ug/L	lbs/d			
8M. Mercury, Total (7439-97-6)	X			0.042	ND					4	ug/L	lbs/d			
9M. Nickel, Total (7440-02-0)	X			110	3.6					4	ug/L	lbs/d			
10M. Selenium, Total (7782-49-2)	X			3.9	ND					4	ug/L	lbs/d			
11M. Silver, Total (7440-22-4)	X			ND <0.3						2	ug/L				
12M. Thallium, Total (7440-28-0)	X			1.9	ND					2	ug/L	lbs/d			
13M. Zinc, Total (7440-66-6)	X			790	34.69					4	ug/L	lbs/d			
14M. Cyanide, Total (57-12-5)	X			10	ND					4	ug/L	lbs/d			
15M. Phenols, Total	X			3.2						1	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD was measured at 5.12x10-06 ug/L once out of the four samples collected during in the 2007-2008 rainy season. (All other samples were ND)											

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			ND <4.0						2	ug/L				
2V. Acrylonitrile (107-13-1)	X			ND <0.70						2	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						4	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						2	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						4	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						2	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						2	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						2	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						2	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						4	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						2	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						4	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						4	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42	ND					4	ug/L	lbs/d			
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						2	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						2	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						4	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						2	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						2	ug/L				

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						2	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						2	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						4	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						4	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						2	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						4	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						4	ug/L				
29V Trichloro-ethylene (79-01-6)	X			1.7	2.27					4	ug/L	lbs/d			
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						4	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.3						4	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <0.19						1	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <0.19						1	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			0.32						1	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <0.85						2	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <0.094						1	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <2.4						1	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <0.094	ND					4	ug/L	lbs/d			
10A. Phenol (108-95-2)	X			3.2						1	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <0.094	ND					4	ug/L	lbs/d			

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <0.094						2	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <0.094						2	ug/L				
3B. Anthracene (120-12-7)	X			ND <0.094						2	ug/L				
4B. Benzidine (92-87-5)	X			ND <0.94						2	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <0.094						2	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <0.94						2	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <0.094						2	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <0.094						2	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <0.094						2	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <0.094						2	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <0.094						2	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <0.94						2	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			5.7	4.8					4	ug/L	lbs/d			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <0.094						2	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <0.66						2	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <0.094						2	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <0.094						2	ug/L				
18B. Chrysene (218-01-9)	X			ND <0.094						2	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <0.094						2	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.094						3	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.094						3	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.19						3	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <0.38						2	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <0.094						2	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <0.094						2	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <0.19						2	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <0.19	ND					4	ug/L	lbs/d			
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <0.094						2	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <0.094						2	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <0.094						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <0.094						2	ug/L				
32B. Fluorene (86-73-7)	X			ND <0.094						2	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <0.094						2	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <0.19						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <0.094						2	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <0.19						2	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <0.094						2	ug/L				
38B. Isophorone (78-59-1)	X			ND <0.094						2	ug/L				
39B. Naphthalene (91-20-3)	X			ND <0.094						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <0.094						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <0.094	ND					4	ug/L	lbs/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <0.094						2	ug/L				

 CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <0.094						2	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <0.094						2	ug/L				
45B. Pyrene (129-00-0)	X			ND <0.094						2	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <0.094						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND <0.001						2	ug/L				
2P. α-BHC (319-84-6)	X			ND <0.002	ND					4	ug/L	lbs/d			
3P. β-BHC (319-85-7)	X			ND <0.004						2	ug/L				
4P. γ-BHC (58-89-9)	X			ND <0.003						2	ug/L				
5P. δ-BHC (319-86-8)	X			ND <0.003						2	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.028						2	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND <0.004						2	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND <0.003						2	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND <0.002						2	ug/L				
10P. Dieldrin (60-57-1)	X			ND <0.002						2	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND <0.002						2	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND <0.003						2	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND <0.003						2	ug/L				
14P. Endrin (72-20-8)	X			ND <0.002						2	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND <0.002						2	ug/L				
16P. Heptachlor (76-44-8)	X			ND <0.003						2	ug/L				

CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	002

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND <0.002						2	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						2	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						2	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						2	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						2	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						2	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						2	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						2	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.066						2	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
003	34	14	04	118	42	38	Arroyo Simi

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. OUT-FALL 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	
003	Stormwater Run-Off	1yr 24hr flow 0.21 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-A
		10yr 24hr flow 0.99 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-R	2-J
		100yr 24hr flow 2.1 MGD	based on a core EPA SWMM model. Flow passes through sand media, zeolite, and activated		
			carbon before discharging.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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*)

 CONTINUE ON REVERSE

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*)

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
Tom Gallacher	12/10/08

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*)
CAD093365435

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

OUTFALL NO. 003

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	NA											
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	ND <10						1	mg/L				
e. Ammonia (*as N*)	NA											
f. Flow	VALUE 209		VALUE 212,585		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 17.8		VALUE		VALUE			°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.6	MAXIMUM 8.1	MINIMUM	MAXIMUM			2	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.36	0.01					1	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		2.4	0.15					2	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		1.7	0.06					2	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		1.34						2	pCi/L				
(2) Beta, Total	X		6.13						2	pCi/L				
(3) Radium, Total	X		2.167+/-1						2	pCi/L				
(4) Radium 226, Total	X		0.807+/-.5						4	pCi/L				
k. Sulfate (*as* SO_4) (14808-79-8)	X		38	1.43					2	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		61						1	ug/L				
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		0.12	0.0045					1	mg/L	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		0.081						1	mg/L				
t. Magnesium, Total (7439-95-4)	X		12						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	003

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			0.42	.00002					2	ug/L	lbs/d			
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						1	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						1	ug/L				
4M. Cadmium, Total (7440-43-9)	X			0.19	.00001					2	ug/L	lbs/d			
5M. Chromium, Total (7440-47-3)	X			2.2						1	ug/L				
6M. Copper, Total (7440-50-8)	X			3.4	0.0002					2	ug/L	lbs/d			
7M. Lead, Total (7439-92-1)	X			0.44	.00003					2	ug/L	lbs/d			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					2	ug/L	lbs/d			
9M. Nickel, Total (7440-02-0)	X			2.3	0.0001					1	ug/L	lbs/d			
10M. Selenium, Total (7782-49-2)	X			ND <8.0						1	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <6.0						1	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.20	ND					2	ug/L	lbs/d			
13M. Zinc, Total (7440-66-6)	X			14						1	ug/L				
14M. Cyanide, Total (57-12-5)	X			ND <2.2						1	ug/L				
15M. Phenols, Total	X			ND <1.9						1	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 4.33x10-07 ug/L for two samples collected in the 2007-2008 rainy season.											

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			No data											
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						1	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						1	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						1	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						1	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						1	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42						1	ug/L				
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						1	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.40						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.42						1	ug/L				

 CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						1	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						1	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						1	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						1	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26						1	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						1	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						1	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <2.9						1	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <3.4						1	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.4						1	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <7.7						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.4						1	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.3						1	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.4						1	ug/L				
10A. Phenol (108-95-2)	X			ND <1.9						1	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <4.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <2.9						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <2.9						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <1.9						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.2						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <1.9						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <1.9						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <1.9						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <3.8						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <2.4						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <2.9						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether. (111-44-4)	X			ND <2.9						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.4						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <3.8						1	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <2.9						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <3.8						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <2.9						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <2.4						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <2.4						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <2.9						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.32						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.35						2	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.37						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <2.9						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <3.4						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <1.9						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <2.9						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <3.4						1	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <1.9						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <3.4						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <2.4						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <2.9						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <2.9						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <2.9						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <3.8						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <4.8						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <3.4						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <3.4						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <2.4						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <2.9						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <2.4						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.4						1	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <3.4						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <1.9						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <3.4						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <3.8						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.4						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND<0.0014						1	ug/L				
2P. α-BHC (319-84-6)	X			ND<0.0024						1	ug/L				
3P. β-BHC (319-85-7)	X			ND<0.0038						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND <0.003						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND <0.003						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.028						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND <0.004						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND <0.003						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND <0.002						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND <0.002						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND <0.002						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND <0.003						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND <0.003						1	ug/L				
14P. Endrin (72-20-8)	X			ND <0.002						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND <0.002						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND <0.003						1	ug/L				

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	003

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND <0.002						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.066						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
004	34	14	09	118	42	23	Arroyo Simi

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. OUT-FALL 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	
004	Stormwater Run-Off	1yr 24hr flow 0.07 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-A
		10yr 24hr flow 0.44 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-R	2-J
		100yr 24hr flow 0.99 MGD	based on a core EPA SWMM model. Flow passes through sand media, zeolite, and activated		
			carbon before discharging.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	**D. DATE SIGNED**
Tom Gallacher	12/10/08

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*)
CAD093365435

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

OUTFALL NO. 004

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	NA											
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	170						4	mg/L				
e. Ammonia (*as N*)	NA											
f. Flow	VALUE 66		VALUE 113,440		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 21.1		VALUE		VALUE 14.1			°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.26	MAXIMUM 8.4	MINIMUM	MAXIMUM			6	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.36	0.48					2	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		3.2	1.0					7	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		2.1	0.03					7	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		1.63						5	pCi/L				
(2) Beta, Total	X		62.4						5	pCi/L				
(3) Radium, Total	X		1.578+/-.6						5	pCi/L				
(4) Radium 226, Total	X		1.44						4	pCi/L				
k. Sulfate (*as SO_4*) (14808-79-8)	X		62	83					7	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as SO_3*) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		2700						2	ug/L				
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		0.18	0.24					2	mg/L	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		1.7						2	mg/L				
t. Magnesium, Total (7439-95-4)	X		9.8						2	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	004

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			0.85	0.0001					7	ug/L	lbs/dy			
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						2	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						2	ug/L				
4M. Cadmium, Total (7440-43-9)	X			0.15	ND					7	ug/L	lbs/dy			
5M. Chromium, Total (7440-47-3)	X			5.9						2	ug/L				
6M. Copper, Total (7440-50-8)	X			10	0.0016					7	ug/L	lbs/dy			
7M. Lead, Total (7439-92-1)	X			4.4	0.0003					7	ug/L	lbs/dy			
8M. Mercury, Total (7439-97-6)	X			0.23	ND					7	ug/L	lbs/dy			
9M. Nickel, Total (7440-02-0)	X			2.6	ND					2	ug/L	lbs/dy			
10M. Selenium, Total (7782-49-2)	X			8.1						2	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <6.0						2	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.2	ND					7	ug/L	lbs/dy			
13M. Zinc, Total (7440-66-6)	X			6.2						2	ug/L				
14M. Cyanide, Total (57-12-5)	X			ND <2.2						2	ug/L				
15M. Phenols, Total	X			ND <2.0						2	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 5.03x10-07 ug/L for seven samples collected in the 2007-2008 rainy season.											

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			ND <4.0						2	ug/L				
2V. Acrylonitrile (107-13-1)	X			ND <0.70						2	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						2	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			3.1						2	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						2	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						2	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			2.8						2	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						2	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						2	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						2	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						2	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						2	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42						2	ug/L				
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						2	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						2	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						2	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						2	ug/L				

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						2	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						2	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						2	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						2	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						2	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						2	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						2	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26						2	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						2	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						2	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <3.0						2	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <3.5						2	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.5						2	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <7.9						2	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.5						2	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.4						2	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.5						2	ug/L				
10A. Phenol (108-95-2)	X			ND <2.0						2	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <4.5						2	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <3.0						2	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <3.0						2	ug/L				
3B. Anthracene (120-12-7)	X			ND <2.0						2	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.4						2	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <2.0						2	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <2.0						2	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <2.0						2	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <4.0						2	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <2.5						2	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <3.0						2	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <3.0						2	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.5						2	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <4.0						2	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <3.0						2	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <4.0						2	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <3.0						2	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <2.5						2	ug/L				
18B. Chrysene (218-01-9)	X			ND <2.5						2	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <3.0						2	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <3.0						4	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <3.0						4	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <2.5						4	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <3.0						2	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <3.5						2	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <2.0						2	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <3.0						2	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <3.5						2	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <2.0						2	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <3.5						2	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <2.5						2	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <3.0						2	ug/L				
32B. Fluorene (86-73-7)	X			ND <3.0						2	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <3.0						2	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <4.0						2	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <5.0						2	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <3.5						2	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <3.5						2	ug/L				
38B. Isophorone (78-59-1)	X			ND <2.5						2	ug/L				
39B. Naphthalene (91-20-3)	X			ND <3.0						2	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <2.5						2	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.5						2	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <3.5						2	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <2.0						2	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <3.5						2	ug/L				
45B. Pyrene (129-00-0)	X			ND <4.0						2	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.5						2	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND <0.001						2	ug/L				
2P. α-BHC (319-84-6)	X			ND <0.002						2	ug/L				
3P. β-BHC (319-85-7)	X			ND <0.004						2	ug/L				
4P. γ-BHC (58-89-9)	X			ND <0.003						2	ug/L				
5P. δ-BHC (319-86-8)	X			ND <0.003						2	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.029						2	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND <0.004						2	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND <0.003						2	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND <0.002						2	ug/L				
10P. Dieldrin (60-57-1)	X			ND <0.002						2	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND <0.002						2	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND <0.003						2	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND <0.003						2	ug/L				
14P. Endrin (72-20-8)	X			ND <0.002						2	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND <0.002						2	ug/L				
16P. Heptachlor (76-44-8)	X			ND <0.003						2	ug/L				

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	004

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND <0.002						2	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						2	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						2	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						2	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						2	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						2	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						2	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.43						2	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <.067						2	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
005	34	13	49	118	43	03	Arroyo Simi

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. OUT-FALL 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	
005	Stormwater Run-Off	1yr 24hr flow 0.002 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-A
		10yr 24hr flow 0.02 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-R	2-J
		100yr 24hr flow 0.04 MGD	based on a core EPA SWMM model. Flow is treated with sand filtration, multimedia	1-N	1-Q
			filtration, cartridge filters, activated carbon, and ion exchange.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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*)

 CONTINUE ON REVERSE

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*)

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
[signature]	12/10/08

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*)
CAD093365435

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

OUTFALL NO.
005

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

1. POLLUTANT	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (*BOD*)	NA											
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	55						1	mg/L				
e. Ammonia (*as N*)	NA											
f. Flow	VALUE NA		VALUE		VALUE					VALUE		
g. Temperature (*winter*)	VALUE 16		VALUE		VALUE 14.3			°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.6	MAXIMUM 6.6	MINIMUM	MAXIMUM			1	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"		3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.27	0.23					1	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		0.17	0.14					1	mg/L	lbs/d			

CONTINUE ON REVERSE

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		2.2	1.83					1	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		0.763						1	pCi/L				
(2) Beta, Total	X		14.2						1	pCi/L				
(3) Radium, Total	X		0.721+/-.4						1	pCi/L				
(4) Radium 226, Total	X		0.426+/-.4						1	pCi/L				
k. Sulfate (*as SO_4*) (14808-79-8)	X		140	116.76					1	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as SO_3*) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		3800						1	ug/L				
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		0.034	0.03					1	mg/L	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		3.4						1	mg/L				
t. Magnesium, Total (7439-95-4)	X		8.1						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	005

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			0.43	.00036					1	ug/L	lbs/d			
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						1	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						1	ug/L				
4M. Cadmium, Total (7440-43-9)	X			0.48	0.0004					1	ug/L	lbs/d			
5M. Chromium, Total (7440-47-3)	X			4.2						1	ug/L				
6M. Copper, Total (7440-50-8)	X			3.8	.00032					1	ug/L	lbs/d			
7M. Lead, Total (7439-92-1)	X			1.4	.00012					1	ug/L	lbs/d			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					1	ug/L	lbs/d			
9M. Nickel, Total (7440-02-0)	X			15	0.01					1	ug/L	lbs/d			
10M. Selenium, Total (7782-49-2)	X			ND <8.0						1	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <6.0						1	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.20	ND					1	ug/L	lbs/d			
13M. Zinc, Total (7440-66-6)	X			25						1	ug/L				
14M. Cyanide, Total (57-12-5)	X			ND <2.2						1	ug/L				
15M. Phenols, Total	X			ND <1.9						1	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had a ND result less than 6.23x10-07 ug/L for one sample collected in the 2007-2008 rainy season.											

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						1	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						1	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						1	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						1	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26						1	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						1	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						1	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <2.9						1	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <3.3						1	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.3						1	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <7.7						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.3						1	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.3						1	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.3						1	ug/L				
10A. Phenol (108-95-2)	X			ND <1.9						1	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <4.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <2.9						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <2.9						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <1.9						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.1						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <1.9						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <1.9						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <1.9						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <3.8						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <2.4						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <2.9						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <2.9						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.4						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <3.8						1	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <2.9						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <3.8						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <2.9						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <2.4						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <2.4						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <2.9						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.32						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.35						2	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.37						1	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <2.9						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <3.3						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <1.9						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <2.9						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <3.3						1	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <1.9						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <3.3						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <2.4						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <4.0						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <2.9						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <2.9						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <3.8						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <4.8						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <3.3						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <3.3						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <2.4						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <2.9						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <2.4						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.4						1	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <3.3						1	ug/L				

 CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <1.9						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <3.3						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <3.8						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.4						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND <0.001						1	ug/L				
2P. α-BHC (319-84-6)	X			ND <0.002						1	ug/L				
3P. β-BHC (319-85-7)	X			ND <0.004						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND <0.003						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND <0.003						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.028						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND <0.004						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND <0.003						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND <0.002						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND <0.002						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND <0.002						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND <0.003						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND <0.003						1	ug/L				
14P. Endrin (72-20-8)	X			ND <0.002						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND <0.002						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND <0.003						1	ug/L				

CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	005

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND <0.002						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.066						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
006	34	13	52	118	42	59	Arroyo Simi

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. OUT-FALL 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	
006	Stormwater Run-Off	1yr 24hr flow 0.05 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-A
		10yr 24hr flow 0.62 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-R	2-J
		100yr 24hr flow 1.6 MGD	based on a core EPA SWMM model. Flow passes through sand media, zeolite, and activated		
			carbon before discharging.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

CONTINUED FROM PAGE 2

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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*)

 CONTINUE ON REVERSE

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*)

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
	12/10/08

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*)
CAD093365435

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

OUTFALL NO.
006

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	NA											
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	26						4	mg/L				
e. Ammonia (*as N*)	NA											
f. Flow	VALUE 443		VALUE 489,725		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 17.8		VALUE		VALUE 12.1		5	°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.0	MAXIMUM 7.8	MINIMUM	MAXIMUM			5	STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent 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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.31	0.05					1	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		5.3	0.84					7	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		1.4	0.11					7	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		1.67+/-1.0						4	pCi/L				
(2) Beta, Total	X		33						6	pCi/L				
(3) Radium, Total	X		0.14+/-.43						4	pCi/L				
(4) Radium 226, Total	X		0.240						5	pCi/L				
k. Sulfate (*as* SO_4) (14808-79-8)	X		60	5.85					7	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		850						1	ug/L				
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		ND <0.020	ND					1	mg/l	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		0.66						1	mg/L				
t. Magnesium, Total (7439-95-4)	X		0.52						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	006

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			0.6	0.0002					7	ug/L	lbs/dy			
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						1	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						1	ug/L				
4M. Cadmium, Total (7440-43-9)	X			0.27	.00005					7	ug/L	lbs/dy			
5M. Chromium, Total (7440-47-3)	X			ND <2.0						1	ug/L				
6M. Copper, Total (7440-50-8)	X			5.9	0.0009					7	ug/L	lbs/dy			
7M. Lead, Total (7439-92-1)	X			1.3	0.0005					7	ug/L	lbs/dy			
8M. Mercury, Total (7439-97-6)	X			0.027	7E-07					7	ug/L	lbs/dy			
9M. Nickel, Total (7440-02-0)	X			ND <2.0	ND					1	ug/L	lbs/dy			
10M. Selenium, Total (7782-49-2)	X			ND <8.0						1	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <6.0						1	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.15	ND					7	ug/L	lbs/dy			
13M. Zinc, Total (7440-66-6)	X			ND <6.0						1	ug/L				
14M. Cyanide, Total (57-12-5)	X			ND <2.2						1	ug/L				
15M. Phenols, Total	X			ND <1.9						1	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 5.35x10-07 ug/L for seven samples collected in the 2007-2008 rainy season.											

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			ND <4.0						1	ug/L				
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						1	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						1	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						1	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						1	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						1	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42						1	ug/L				
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						1	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						1	ug/L				

 CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						1	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						1	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						1	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						1	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26						1	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						1	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						1	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <2.9						1	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <3.3						1	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.3						1	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <7.7						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.3						1	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.3						1	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.3						1	ug/L				
10A. Phenol (108-95-2)	X			ND <1.9						1	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <4.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <2.9						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <2.9						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <1.9						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.1						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <1.9						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <1.9						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <1.9						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <3.8						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <2.4						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <2.9						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <2.9						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.4						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <3.8						1	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <2.9						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <3.8						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <2.9						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <2.4						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <2.4						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <2.9						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.32						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.35						2	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.37						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <2.9						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <3.3						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <1.9						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <2.9						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <3.3						1	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <1.9						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <3.3						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <2.4						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <2.9						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <2.9						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <2.9						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <3.8						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <4.8						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <3.3						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <3.3						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <2.4						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <2.9						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <2.4						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.4						1	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <3.3						1	ug/L				

 CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <1.9						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <3.3						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <3.8						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.4						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND<0.0014						1	ug/L				
2P. α-BHC (319-84-6)	X			ND<0.0024						9	ug/L				
3P. β-BHC (319-85-7)	X			ND<0.0038						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND<0.0033						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND<0.0029						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.029						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND<0.0038						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND<0.0029						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND<0.0019						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND<0.0019						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND<0.0019						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND<0.0029						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND<0.0029						1	ug/L				
14P. Endrin (72-20-8)	X			ND<0.0019						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND<0.0019						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND<0.0029						1	ug/L				

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	006

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND<0.0024						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.29						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.43						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.067						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM 2C NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
007	34	13	50	118	42	52	Arroyo Simi

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. OUT-FALL 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	
007	Stormwater Run-Off	1yr 24hr flow 0.03 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-A
		10yr 24hr flow 0.21 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-R	2-J
		100yr 24hr flow 0.45 MGD	based on a core EPA SWMM model. Flow is treated with sand filtration, multimedia	1-N	1-Q
			filtration, cartridge filters, activated carbon, and ion exchange.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
Tom Gallacher	12/10/08

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*)
CAD093365435

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

OUTFALL NO. 007

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	NA											
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	No data											
e. Ammonia (*as N*)	NA											
f. Flow	VALUE NA		VALUE		VALUE					VALUE		
g. Temperature (*winter*)	VALUE 7.8		VALUE		VALUE 7.8		1	°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.3	MAXIMUM 7.3	MINIMUM	MAXIMUM			1	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		No data											
f. Nitrate-Nitrite (*as N*)	X		ND <0.15	ND					1	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		ND <1.3	ND					1	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		1.37+/-.98						1	pCi/L				
(2) Beta, Total	X		10.9+/-.87						1	pCi/L				
(3) Radium, Total	X		0.36+/-.53						1	pCi/L				
(4) Radium 226, Total	X		0.281+/-.5						1	pCi/L				
k. Sulfate (*as* SO_4) (14808-79-8)	X		15	2,226					1	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		No data											
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		No data											
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		No data											
t. Magnesium, Total (7439-95-4)		X												
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	007

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			2.1	0.31					1	ug/L	lbs/dy			
2M. Arsenic, Total (7440-38-2)	X			No data											
3M. Beryllium, Total (7440-41-7)	X			No data											
4M. Cadmium, Total (7440-43-9)	X			0.12	0.02					1	ug/L	lbs/dy			
5M. Chromium, Total (7440-47-3)	X			No data											
6M. Copper, Total (7440-50-8)	X			2	0.30					1	ug/L	lbs/dy			
7M. Lead, Total (7439-92-1)	X			2.3	0.34					1	ug/L	lbs/dy			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					1	ug/L	lbs/dy			
9M. Nickel, Total (7440-02-0)	X			No data											
10M. Selenium, Total (7782-49-2)	X			No data											
11M. Silver, Total (7440-22-4)	X			No data											
12M. Thallium, Total (7440-28-0)	X			ND <0.20	ND					1	ug/L	lbs/dy			
13M. Zinc, Total (7440-66-6)	X			No data											
14M. Cyanide, Total (57-12-5)	X			No data											
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had a ND result less than 1.15x10-06 ug/L for one sample collected in the 2007-2008 rainy season.											

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			No data											
2V. Acrylonitrile (107-13-1)	X			No data											
3V. Benzene (71-43-2)	X			No data											
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			No data											
6V. Carbon Tetrachloride (56-23-5)	X			No data											
7V. Chlorobenzene (108-90-7)	X			No data											
8V. Chlorodi-bromomethane (124-48-1)	X			No data											
9V. Chloroethane (75-00-3)	X			No data											
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			No data											
11V. Chloroform (67-66-3)	X			No data											
12V. Dichloro-bromomethane (75-27-4)	X			No data											
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			No data											
15V. 1,2-Dichloro-ethane (107-06-2)	X			No data											
16V. 1,1-Dichloro-ethylene (75-35-4)	X			No data											
17V. 1,2-Dichloro-propane (78-87-5)	X			No data											
18V. 1,3-Dichloro-propylene (542-75-6)	X			No data											
19V. Ethylbenzene (100-41-4)	X			No data											
20V. Methyl Bromide (74-83-9)	X			No data											
21V. Methyl Chloride (74-87-3)	X			No data											

 CONTINUE ON PAGE V-5

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			No data											
2B. Acenaphtylene (208-96-8)	X			No data											
3B. Anthracene (120-12-7)	X			No data											
4B. Benzidine (92-87-5)	X			No data											
5B. Benzo (*a*) Anthracene (56-55-3)	X			No data											
6B. Benzo (*a*) Pyrene (50-32-8)	X			No data											
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			No data											
8B. Benzo (*ghi*) Perylene (191-24-2)	X			No data											
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			No data											
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			No data											
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			No data											
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			No data											
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			No data											
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			No data											
15B. Butyl Benzyl Phthalate (85-68-7)	X			No data											
16B. 2-Chloro-naphthalene (91-58-7)	X			No data											
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			No data											
18B. Chrysene (218-01-9)	X			No data											
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			No data											
20B. 1,2-Dichloro-benzene (95-50-1)	X			No data											
21B. 1,3-Di-chloro-benzene (541-73-1)	X			No data											

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			No data											
23B. 3,3-Dichloro-benzidine (91-94-1)	X			No data											
24B. Diethyl Phthalate (84-66-2)	X			No data											
25B. Dimethyl Phthalate (131 -11-3)	X			No data											
26B. Di-N-Butyl Phthalate (84-74-2)	X			No data											
27B. 2,4-Dinitro-toluene (121-14-2)	X			No data											
28B. 2,6-Dinitro-toluene (606-20-2)	X			No data											
29B. Di-N-Octyl Phthalate (117-84-0)	X			No data											
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			No data											
31B. Fluoranthene (206-44-0)	X			No data											
32B. Fluorene (86-73-7)	X			No data											
33B. Hexachloro-benzene (118-74-1)	X			No data											
34B. Hexachloro-butadiene (87-68-3)	X			No data											
35B. Hexachloro-cyclopentadiene (77-47-4)	X			No data											
36B Hexachloro-ethane (67-72-1)	X			No data											
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			No data											
38B. Isophorone (78-59-1)	X			No data											
39B. Naphthalene (91-20-3)	X			No data											
40B. Nitrobenzene (98-95-3)	X			No data											
41B. N-Nitro-sodimethylamine (62-75-9)	X			No data											
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			No data											

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			No data											
44B. Phenanthrene (85-01-8)	X			No data											
45B. Pyrene (129-00-0)	X			No data											
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			No data											
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			No data											
2P. α-BHC (319-84-6)	X			No data											
3P. β-BHC (319-85-7)	X			No data											
4P. γ-BHC (58-89-9)	X			No data											
5P. δ-BHC (319-86-8)	X			No data											
6P. Chlordane (57-74-9)	X			No data											
7P. 4,4'-DDT (50-29-3)	X			No data											
8P. 4,4'-DDE (72-55-9)	X			No data											
9P. 4,4'-DDD (72-54-8)	X			No data											
10P. Dieldrin (60-57-1)	X			No data											
11P. α-Enosulfan (115-29-7)	X			No data											
12P. β-Endosulfan (115-29-7)	X			No data											
13P. Endosulfan Sulfate (1031-07-8)	X			No data											
14P. Endrin (72-20-8)	X			No data											
15P. Endrin Aldehyde (7421-93-4)	X			No data											
16P. Heptachlor (76-44-8)	X			No data											

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	007

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			No data											
18P. PCB-1242 (53469-21-9)	X			No data											
19P. PCB-1254 (11097-69-1)	X			No data											
20P. PCB-1221 (11104-28-2)	X			No data											
21P. PCB-1232 (11141-16-5)	X			No data											
22P. PCB-1248 (12672-29-6)	X			No data											
23P. PCB-1260 (11096-82-5)	X			No data											
24P. PCB-1016 (12674-11-2)	X			No data											
25P. Toxaphene (8001-35-2)	X			No data											

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
008	34	13	42	118	40	28	Dayton Canyon Creek

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. OUT-FALL 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	
008	Stormwater Run-Off	1yr 24hr flow 0.36 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	1-U
		10yr 24hr flow 4.8 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-W	1-F
		100yr 24hr flow 10 MGD	based on a core EPA SWMM model. Flow passes through Engineering Natural Treatment System		
			before being discharged. Treatment will include slow filtration, sedimentation, and		
			evaporation.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
Tom Gallacher	12/10/08

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*)
CAD093365435

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

OUTFALL NO. 008

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	NA											
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	60						1	mg/L				
e. Ammonia (*as N*)	ND <0.30	ND					1	mg/L	lbs/d			
f. Flow	VALUE 5,261		VALUE 4,142,320		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 15.5		VALUE		VALUE 14.1			°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.1	MAXIMUM 7.4	MINIMUM	MAXIMUM			3	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.24	0.51					1	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		7.7	16.43					3	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		1.9	3.63					3	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		2.2						3	pCi/L				
(2) Beta, Total	X		4.86						3	pCi/L				
(3) Radium, Total	X		0.504+/-.4						3	pCi/L				
(4) Radium 226, Total	X		0.296						3	pCi/L				
k. Sulfate (*as* SO_4) (14808-79-8)	X		9.8	40.56					3	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		3100						1	ug/L				
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		0.079	0.17					1	mg/L	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		3.6						1	mg/L				
t. Magnesium, Total (7439-95-4)	X		7.8						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	008

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			0.38	0.0008					3	ug/L	lbs/d			
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						1	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						1	ug/L				
4M. Cadmium, Total (7440-43-9)	X			ND <0.11	ND					3	ug/L	lbs/d			
5M. Chromium, Total (7440-47-3)	X			4.4						1	ug/L				
6M. Copper, Total (7440-50-8)	X			5.0	0.011					3	ug/L	lbs/d			
7M. Lead, Total (7439-92-1)	X			6.3	0.014					3	ug/L	lbs/d			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					3	ug/L	lbs/d			
9M. Nickel, Total (7440-02-0)	X			4.3	0.01					1	ug/L	lbs/d			
10M. Selenium, Total (7782-49-2)	X			0.32						3	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <6.0						1	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.20	ND					3	ug/L	lbs/d			
13M. Zinc, Total (7440-66-6)	X			19	0.04					3	ug/L	lbs/d			
14M. Cyanide, Total (57-12-5)	X			ND <2.2						1	ug/L				
15M. Phenols, Total	X			ND <1.9						1	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 8.79x10-07 ug/L for three samples collected in the 2007-2008 rainy season.											

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			ND <4.0						1	ug/L				
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						1	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						1	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						1	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						1	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						1	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42						1	ug/L				
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						1	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						1	ug/L				

 CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						1	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						1	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						1	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						1	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26						1	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						1	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						1	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <2.9						1	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <3.3						1	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.3						1	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <7.6						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.3						1	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.2						1	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.3						1	ug/L				
10A. Phenol (108-95-2)	X			ND <1.9						1	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <4.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <2.9						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <2.9						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <1.9						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.1						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <1.9						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <1.9						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <1.9						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <3.8						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <2.4						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <2.9						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <2.9						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.4						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <3.8						1	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <2.9						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <3.8						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <2.8						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <2.4						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <2.4						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <2.9						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.32						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.35						2	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.37						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <2.9						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <3.3						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <1.9						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <2.9						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <3.3						1	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <1.9						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <3.3						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <2.4						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <2.9						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <2.9						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <2.9						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <3.8						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <4.8						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <3.3						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <3.3						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <2.4						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <2.9						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <2.4						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.4						1	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <3.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <1.9						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <3.3						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <3.8						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.4						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND <0.001						1	ug/L				
2P. α-BHC (319-84-6)	X			ND <0.002						1	ug/L				
3P. β-BHC (319-85-7)	X			ND <0.004						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND <0.003						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND <0.003						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.029						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND <0.004						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND <0.003						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND <0.002						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND <0.002						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND <0.002						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND <0.003						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND <0.003						1	ug/L				
14P. Endrin (72-20-8)	X			ND <0.002						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND <0.002						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND <0.003						1	ug/L				

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	008

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND <0.002						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.29						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.43						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.067						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM 2C NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
009	34	14	19	118	41	38	Arroyo Simi

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. OUT-FALL 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	
009	Stormwater Run-Off	1yr 24hr flow 3.0 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	1-U
		10yr 24hr flow 35 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-W	1-F
		100yr 24hr flow 78 MGD	based on a core EPA SWMM model. Flow passes through Engineering Natural Treatment System		
			before being discharged. Treatment will include slow filtration, sedimentation, and		
			evaporation.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

CONTINUED FROM PAGE 2

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
[signature]	12/10/08

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			ND <4.0						1	ug/L				
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						1	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						1	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						1	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.28						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						1	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						1	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42						1	ug/L				
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.32						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						1	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						1	ug/L				

 CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						1	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						1	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						1	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						1	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26						1	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						1	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						1	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <2.9						1	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <3.3						1	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.3						1	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <7.7						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.3						1	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.3						1	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.3						1	ug/L				
10A. Phenol (108-95-2)	X			ND <1.9						1	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <4.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <2.9						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <2.9						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <1.9						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.1						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <1.9						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <1.9						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <1.9						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <3.8						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <2.4						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <2.9						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <2.9						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.4						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <3.8						1	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <2.9						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <3.8						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <2.9						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <2.4						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <2.4						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <2.9						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.32						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.35						2	ug/L				

CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.037						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <2.9						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <3.0						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <3.3						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <2.9						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <3.3						1	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <1.9						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <3.3						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <2.4						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <2.9						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <2.9						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <2.9						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <3.8						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <4.8						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <3.3						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <3.3						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <2.4						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <2.9						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <2.4						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.4						1	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <3.3						1	ug/L				

 CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <1.9						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <3.3						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <3.8						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.4						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND <0.001						1	ug/L				
2P. α-BHC (319-84-6)	X			ND <0.002						1	ug/L				
3P. β-BHC (319-85-7)	X			ND <0.004						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND <0.003						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND <0.003						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.028						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND <0.004						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND <0.003						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND <0.002						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND <0.002						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND <0.002						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND <0.003						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND <0.003						1	ug/L				
14P. Endrin (72-20-8)	X			ND <0.002						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND <0.002						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND <0.003						1	ug/L				

CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	009

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND <0.002						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.066						1	ug/L				

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*): CAD093365435

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

OUTFALL NO. 009

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	NA											
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	99						3	mg/L				
e. Ammonia (*as N*)	NA											
f. Flow	VALUE NA		VALUE		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 19.0		VALUE		VALUE 13.3			°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.90	MAXIMUM 7.80	MINIMUM	MAXIMUM			5	STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent 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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.21	1929.88					1	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		3.3	489.89					6	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		1.4	207.83					6	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		0.769						4	pCi/L				
(2) Beta, Total	X		2.91						4	pCi/L				
(3) Radium, Total	X		1.882+/-.6						4	pCi/L				
(4) Radium 226, Total	X		2.01						4	pCi/L				
k. Sulfate (*as* SO_4) (14808-79-8)	X		26	3859.75					6	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		1500						1	ug/L				
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		0.038	5.64					1	mg/L	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		1.5						1	mg/L				
t. Magnesium, Total (7439-95-4)	X		1						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	009

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			1.6	0.24					6	ug/L	lbs/d			
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						1	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						1	ug/L				
4M. Cadmium, Total (7440-43-9)	X			0.16	0.02					6	ug/L	lbs/d			
5M. Chromium, Total (7440-47-3)	X			3.5						1	ug/L				
6M. Copper, Total (7440-50-8)	X			9.9	0.86					6	ug/L	lbs/d			
7M. Lead, Total (7439-92-1)	X			8.6	0.89					6	ug/L	lbs/d			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					6	ug/L	lbs/d			
9M. Nickel, Total (7440-02-0)	X			2.6	0.39					1	ug/L	lbs/d			
10M. Selenium, Total (7782-49-2)	X			ND <8.0						1	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <6.0						1	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.20	ND					6	ug/L	lbs/d			
13M. Zinc, Total (7440-66-6)	X			15						1	ug/L				
14M. Cyanide, Total (57-12-5)	X			ND <2.2						1	ug/L				
15M. Phenols, Total	X			ND < 1.9						1	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 4.51x10-07 ug/L for six samples collected in the 2007-2008 rainy season.											

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
010	34	14	17	118	41	56	Arroyo Simi

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. OUT-FALL 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	
010	Stormwater Run-Off	1yr 24hr flow 0.09 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-A
		10yr 24hr flow 0.44 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-R	2-J
		100yr 24hr flow 0.89 MGD	based on a core EPA SWMM model. Flow passes through sand media, zeolite, and activated		
			carbon before discharging.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
T. Gallacher	12/10/08.

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*): CAD093365435

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

OUTFALL NO. 010

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	NA											
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	110						7	mg/L				
e. Ammonia (*as N*)	NA											
f. Flow	VALUE 223		VALUE 136,040		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 15.7		VALUE		VALUE 13.1			°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.83	MAXIMUM 8.50	MINIMUM	MAXIMUM			7	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.24	0.01					1	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		2.6	371					7	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		1.6	0.27					7	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		ND <0.0024						1	pCi/L				
(2) Beta, Total	X		ND <0.0038						1	pCi/L				
(3) Radium, Total	X		0.423+/-.4						4	pCi/L				
(4) Radium 226, Total	X		0.266						4	pCi/L				
k. Sulfate (*as* SO_4) (14808-79-8)	X		50	6828					7	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		95						1	ug/L				
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		ND <0.020	ND					1	mg/L	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		0.095						1	mg/L				
t. Magnesium, Total (7439-95-4)	X		7.6						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	010

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			1.1	0.09					7	ug/L	lbs/dy			
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						1	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						1	ug/L				
4M. Cadmium, Total (7440-43-9)	X			ND <0.11	ND					7	ug/L	lbs/dy			
5M. Chromium, Total (7440-47-3)	X			2.2						1	ug/L				
6M. Copper, Total (7440-50-8)	X			6.9	0.59					7	ug/L	lbs/dy			
7M. Lead, Total (7439-92-1)	X			0.30	4.5E-7					7	ug/L	lbs/dy			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					7	ug/L	lbs/dy			
9M. Nickel, Total (7440-02-0)	X			ND <2.0	ND					1	ug/L	lbs/dy			
10M. Selenium, Total (7782-49-2)	X			ND <8.0						1	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <6.0						1	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.20	ND					5	ug/L	lbs/dy			
13M. Zinc, Total (7440-66-6)	X			9.2						1	ug/L				
14M. Cyanide, Total (57-12-5)	X			ND <2.2						1	ug/L				
15M. Phenols, Total	X			ND <1.9						1	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 5.68x10-07 ug/L for seven samples collected in the 2007-2008 rainy season.											

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			ND <4.0						1	ug/L				
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						1	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						1	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						1	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						1	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						1	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42						1	ug/L				
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						1	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						1	ug/L				

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						1	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						1	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						1	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						1	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26						1	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						1	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						1	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <4.0						1	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <3.3						1	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.3						1	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <7.5						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.3						1	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.3						1	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.3						1	ug/L				
10A. Phenol (108-95-2)	X			ND <1.9						1	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <4.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <2.9						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <2.9						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <1.9						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.1						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <1.9						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <1.9						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <1.9						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <3.8						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <2.4						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <2.9						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <2.4						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.4						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <3.8						1	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <2.9						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <3.8						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <2.9						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <2.4						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <2.4						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <2.9						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.32						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.35						2	ug/L				

CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.37						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <2.9						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <3.3						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <1.9						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <2.9						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <3.3						1	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <1.9						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <3.3						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <2.4						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <2.9						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <2.9						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <2.9						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <3.8						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <4.8						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <3.3						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <3.3						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <2.4						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <2.9						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <2.4						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.4						1	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <3.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <1.9						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <3.3						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <3.8						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.4						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND<0.0014						1	ug/L				
2P. α-BHC (319-84-6)	X			ND<0.0024						1	ug/L				
3P. β-BHC (319-85-7)	X			ND<0.0038						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND <0.003						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND <0.033						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.029						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND<0.0038						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND<0.0029						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND<0.0019						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND<0.0019						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND<0.0019						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND<0.0028						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND<0.0029						1	ug/L				
14P. Endrin (72-20-8)	X			ND<0.0019						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND<0.0019						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND<0.0029						1	ug/L				

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	010

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND<0.0024						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.26						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.067						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
011	34	13	27	118	41	15	Bell Creek

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. OUT-FALL 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	
011	Stormwater Run-Off	1yr 24hr flow 1.4 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-A
		10yr 24hr flow 15 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-R	2-J
		100yr 24hr flow 38 MGD	based on a core EPA SWMM model. Flow is treated with sand filtration, multimedia	1-N	1-Q
			filtration, cartridge filters, activated carbon, and ion exchange.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. (Outfall 019 is located just downstream of outfall 011, therefore no groundwater discharges will be discharged at outfall 011). Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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*)

 CONTINUE ON REVERSE

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*)

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
T. Gallacher	12/10/08

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*)
CAD093365435

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

OUTFALL NO. 011

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	2.2	1601.28					2	mg/L	lbs/d			
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	9.1						1	mg/L				
d. Total Suspended Solids (*TSS*)	43	784.09					2	mg/L	lbs/d			
e. Ammonia (*as N*)	ND <0.30	ND					2	mg/L	lbs/d			
f. Flow	VALUE 13,619		VALUE 4,455,100		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 17.78		VALUE		VALUE 15			°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.6	MAXIMUM 7.8	MINIMUM	MAXIMUM			2	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.15	200.16					1	mg/L	lbs/d			
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.28	373.63					1	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		3.9	5204.16					2	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		4	53378.6					2	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		1.29						2	pCi/L				
(2) Beta, Total	X		3.03						2	pCi/L				
(3) Radium, Total	X		0.071+/-.4						2	pCi/L				
(4) Radium 226, Total	X		ND						2	pCi/L				
k. Sulfate (*as* SO_4) (14808-79-8)	X		15	20016					2	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants	X		0.058	65.39					2	mg/L	lbs/d			
o. Aluminum, Total (7429-90-5)	X		No data											
p. Barium, Total (7440-39-3)	X		0.014	18.68					1	mg/L	lbs/d			
q. Boron, Total (7440-42-8)	X		0.059						1	mg/L				
r. Cobalt, Total (7440-48-4)	X		ND <2.0						1	ug/L				
s. Iron, Total (7439-89-6)	X		0.72						1	mg/L				
t. Magnesium, Total (7439-95-4)	X		3.8						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		22	29.36					1	ug/L	lbs/d			
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
CAD093365435	011

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			0.72	0.96					1	ug/L	lbs/d			
2M. Arsenic, Total (7440-38-2)	X			ND <7.0	ND					1	ug/L	lbs/d			
3M. Beryllium, Total (7440-41-7)	X			ND <0.90	ND					1	ug/L	lbs/d			
4M. Cadmium, Total (7440-43-9)	X			0.20	0.17					2	ug/L	lbs/d			
5M. Chromium, Total (7440-47-3)	X			ND <2.0						1	ug/L				
6M. Copper, Total (7440-50-8)	X			5.3	6.14					2	ug/L	lbs/d			
7M. Lead, Total (7439-92-1)	X			3.9	1.13					5	ug/L	lbs/d			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					2	ug/L	lbs/d			
9M. Nickel, Total (7440-02-0)	X			2	2.67					1	ug/L	lbs/d			
10M. Selenium, Total (7782-49-2)	X			ND <0.30	ND					2	ug/L	lbs/d			
11M. Silver, Total (7440-22-4)	X			ND <0.030	ND					1	ug/L	lbs/d			
12M. Thallium, Total (7440-28-0)	X			ND <0.20	ND					1	ug/L	lbs/d			
13M. Zinc, Total (7440-66-6)	X			59	16.01					4	ug/L	lbs/d			
14M. Cyanide, Total (57-12-5)	X			ND <2.2	ND					2	ug/L	lbs/d			
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 5.70x10-07 ug/L for two samples collected in the 2007-2008 rainy season.											

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			No data						1	ug/L				
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						2	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						2	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						2	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						2	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						2	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42	ND					2	ug/L	lbs/d			
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						2	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						1	ug/L				

 CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						2	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						2	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						2	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						2	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26	ND					2	ug/L	lbs/d			
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						2	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						2	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			No data											
2A. 2,4-Dichloro-phenol (120-83-2)	X			No data											
3A. 2,4-Dimethyl-phenol (105-67-9)	X			No data											
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <0.87						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			No data											
7A. 4-Nitrophenol (100-02-7)	X			No data											
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <0.097	ND					2	ug/L	lbs/d			
10A. Phenol (108-95-2)	X			No data											
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <0.097	ND					2	ug/L	lbs/d			

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <0.097						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <0.097						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <0.097						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <0.97						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <0.097						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <0.097						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND < 0.09						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <0.097						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <0.097						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <0.097						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <0.097						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <0.097						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <1.6	ND					2	ug/L	lbs/d			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <0.097						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <0.68						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <0.097						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <0.097						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <0.097						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <0.097						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.097						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.097						2	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.19						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <0.39						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <0.097						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <0.097						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <0.19						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <0.19	ND					2	ug/L	lbs/d			
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <0.097						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <0.097						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <0.097						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <0.097						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <0.097						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <0.097						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <0.19						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <0.097						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <0.19						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <0.097						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <0.097						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <0.097						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <0.097						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <0.097	ND					2	ug/L	lbs/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <0.097						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <0.097						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <0.097						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <0.097						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <0.097						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND <0.001						1	ug/L				
2P. α-BHC (319-84-6)	X			ND <0.002	ND					2	ug/L	lbs/d			
3P. β-BHC (319-85-7)	X			ND <0.004						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND <0.003						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND <0.003						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.028						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND <0.004						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND <0.003						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND <0.002						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND <0.002						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND <0.002						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND <0.003						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND <0.003						1	ug/L				
14P. Endrin (72-20-8)	X			ND <0.002						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND <0.002						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND <0.003						1	ug/L				

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	011

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND <0.002						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.066						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
012	34	13	59	118	41	36	Bell Creek

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. OUT-FALL 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	
012	Stormwater Run-off	10yr 24hr flow 0.005 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-J
		10yr 24hr flow 0.012 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	2-A	
		100yr 24hr flow 0.019 MGD	based on a core EPA SWMM model. Flow passes through activated carbon and zeolite before		
			discharging.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
Tom Gallacher	12/10/08.

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*)
CAD093365435

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

OUTFALL NO. 012

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	4.1						3	mg/L				
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	ND <10	ND					3	mg/L	lbs/dy			
e. Ammonia (*as N*)	0.56	ND					3	mg/L	lbs/dy			
f. Flow	VALUE NA		VALUE		VALUE					VALUE		
g. Temperature (*winter*)	VALUE 11.7		VALUE		VALUE		2	°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.4	MAXIMUM 7.8	MINIMUM	MAXIMUM			2	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		2.0	0.07					3	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		2.5	0.08					3	mg/L	lbs/d			

CONTINUE ON REVERSE

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		1.9	0.06					3	mg/L	lbs/d			
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		No data											
k. Sulfate (*as* SO_4) (14808-79-8)	X		61	2.03					3	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		No data											
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		0.065	0.0022					3	mg/L	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		No data											
t. Magnesium, Total (7439-95-4)	X		0.96						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	012

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			0.65						1	ug/L				
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						1	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						1	ug/L				
4M. Cadmium, Total (7440-43-9)	X			0.94	.00003					1	ug/L	lbs/dy			
5M. Chromium, Total (7440-47-3)	X			ND <2.0						1	ug/L				
6M. Copper, Total (7440-50-8)	X			3.3	0.0001					1	ug/L	lbs/dy			
7M. Lead, Total (7439-92-1)	X			1.1	.00004					1	ug/L	lbs/dy			
8M. Mercury, Total (7439-97-6)	X			ND <0.05	ND					3	ug/L	lbs/dy			
9M. Nickel, Total (7440-02-0)	X			ND <2.0						1	ug/L				
10M. Selenium, Total (7782-49-2)	X			1.4						3	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <0.60						1	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.40						1	ug/L				
13M. Zinc, Total (7440-66-6)	X			56	0.0019					3	ug/L	lbs/dy			
14M. Cyanide, Total (57-12-5)	X			ND<0.0022						1	mg/L				
15M. Phenols, Total	X			ND <1.9						1	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 7.22x10-07 ug/L for three samples collected in the 2007-2008 rainy season.											

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			No data											
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						1	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						1	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						1	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						1	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						1	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42						1	ug/L				
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						1	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						1	ug/L				

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						1	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						1	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						1	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						1	ug/L				
29V Trichloro-ethylene (79-01-6)	X			1.4						1	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						1	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						1	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <2.9						1	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <3.3						1	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.3						1	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <7.6						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.3						1	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.2						1	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.3						1	ug/L				
10A. Phenol (108-95-2)	X			ND <1.9						1	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <4.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <2.9						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <2.9						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <1.9						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.1						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <1.9						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <1.9						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <1.9						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <3.8						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <2.4						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <2.9						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <2.4						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.4						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <3.8						1	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <2.9						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <3.8						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <2.9						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <2.4						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <2.4						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <2.9						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.32						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.35						2	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.37						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <2.9						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <1.9						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <3.3						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <2.9						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <3.3						1	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <1.9						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <3.3						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <2.4						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <2.9						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <2.9						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <2.9						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <3.8						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <4.8						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <3.3						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <3.3						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <2.4						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <2.9	ND					3	ug/L	lbs/dy			
40B. Nitrobenzene (98-95-3)	X			ND <2.4						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.4						3	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <3.3						1	ug/L				

 CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <1.9						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <3.3						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <3.8						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.4						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND<0.0014						1	ug/L				
2P. α-BHC (319-84-6)	X			ND<0.0024						1	ug/L				
3P. β-BHC (319-85-7)	X			ND<0.0038						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND<0.0028						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND<0.0033						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.028						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND<0.0038						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND<0.0028						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND<0.0019						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND<0.0019						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND<0.0019						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND<0.0028						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND<0.0028						1	ug/L				
14P. Endrin (72-20-8)	X			ND<0.0019						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND<0.0019						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND<0.0028						1	ug/L				

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	012

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND<0.0024						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.066						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM 2C NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
013	34	13	54	118	41	47	Bell Creek

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. OUT-FALL 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	
013	Stormwater Run-off	10yr 24hr flow 0.022 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-J
		10yr 24hr flow 0.049 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	2-A	
		100yr 24hr flow 0.078 MGD	based on a core EPA SWMM model. Flow passes through activated carbon and zeolite before		
			discharging.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
Tom Gallacher	12/10/08.

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*)
CAD093365435

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

OUTFALL NO.
013

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	2.0						3	mg/L				
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	ND <10	ND					3	mg/L	lbs/dy			
e. Ammonia (*as N*)	0.56	0.02					3	mg/L	lbs/dy			
f. Flow	VALUE NA		VALUE		VALUE					VALUE		
g. Temperature (*winter*)	VALUE 12.2		VALUE		VALUE		3	°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.3	MAXIMUM 8.7	MINIMUM	MAXIMUM			3	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.39	0.01					3	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		1.6	0.05					3	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		1.6	0.05					3	mg/L	lbs/d			
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		No data											
k. Sulfate (*as* SO_4) (14808-79-8)	X		13	0.43					3	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		No data											
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		0.038	0.001					3	mg/L	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		No data											
t. Magnesium, Total (7439-95-4)	X		0.85						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	013

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			2.5						1	ug/L				
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						1	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						1	ug/L				
4M. Cadmium, Total (7440-43-9)	X			5.2	0.0002					3	ug/L	lbs/dy			
5M. Chromium, Total (7440-47-3)	X			ND <2.0						1	ug/L				
6M. Copper, Total (7440-50-8)	X			5.2	0.0002					1	ug/L	lbs/dy			
7M. Lead, Total (7439-92-1)	X			2.9	0.0001					3	ug/L	lbs/dy			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					3	ug/L	lbs/dy			
9M. Nickel, Total (7440-02-0)	X			ND <2.0						1	ug/L				
10M. Selenium, Total (7782-49-2)	X			ND <0.30						3	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <0.30						1	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.20						1	ug/L				
13M. Zinc, Total (7440-66-6)	X			160	0.01					3	ug/L	lbs/dy			
14M. Cyanide, Total (57-12-5)	X			ND<0.0022						1	mg/L				
15M. Phenols, Total	X			ND <1.9						1	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 7.74x10-07 ug/L for three samples collected in the 2007-2008 rainy season.											

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			No data											
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						1	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						1	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						1	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						1	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						1	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42						1	ug/L				
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						1	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						1	ug/L				

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						1	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						1	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						1	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						1	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26						1	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						1	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						1	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <0.29						1	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <3.3						1	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.3						1	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <7.6						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.3						1	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.2						1	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.3						1	ug/L				
10A. Phenol (108-95-2)	X			ND <1.9						1	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <4.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <2.9						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <2.9						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <1.9						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.1						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <1.9						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <1.9						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <1.9						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <3.8						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <2.4						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <2.9						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <2.4						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.4						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <3.8						1	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <2.9						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <3.8						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <2.9						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <2.4						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <2.4						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <2.9						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.32						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.35						2	ug/L				

CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.37						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <2.9						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <1.9						1	ug/L				
25B. Dimethyl Phthalate (131-11-3)	X			ND <3.3						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <2.9						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <3.3						1	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <1.9						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <3.3						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <2.4						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <2.9						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <2.9						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <2.9						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <3.8						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <4.8						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <3.3						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <3.3						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <2.4						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <2.8	ND					3	ug/L	lbs/dy			
40B. Nitrobenzene (98-95-3)	X			ND <2.4						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.4						3	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <3.3						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <1.9						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <3.3						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <3.8						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.4						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND<0.0014						1	ug/L				
2P. α-BHC (319-84-6)	X			ND<0.0024						1	ug/L				
3P. β-BHC (319-85-7)	X			ND<0.0038						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND<0.0028						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND<0.0033						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.028						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND<0.0038						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND<0.0028						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND<0.0019						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND<0.0019						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND<0.0019						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND<0.0028						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND<0.0028						1	ug/L				
14P. Endrin (72-20-8)	X			ND<0.0019						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND<0.0019						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND<0.0028						1	ug/L				

CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	013

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND<0.0024						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.066						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
014	34	14	00	118	40	40	Bell Creek

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. OUT-FALL 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	
014	Stormwater Run-off	10yr 24hr flow 0.035 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-J
		10yr 24hr flow 0.08 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	2-A	
		100yr 24hr flow 0.13 MGD	based on a core EPA SWMM model. Flow passes through activated carbon and zeolite before		
			discharging.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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*)

 CONTINUE ON REVERSE

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*)

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
	12/10/08.

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*)
CAD093365435

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

OUTFALL NO.
014

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	2.0						3	mg/L				
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	NA											
d. Total Suspended Solids (*TSS*)	ND <10	0.70					3	mg/L	lbs/dy			
e. Ammonia (*as N*)	0.56	ND					3	mg/L	lbs/dy			
f. Flow	VALUE NA		VALUE		VALUE					VALUE		
g. Temperature (*winter*)	VALUE 12.2		VALUE		VALUE		3	°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.3	MAXIMUM 8.7	MINIMUM	MAXIMUM			3	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.39	0.02					3	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		1.6	0.03					3	mg/L	lbs/d			

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		1.6	0.09					3	mg/L	lbs/d			
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		No data											
k. Sulfate (*as* SO_4) (14808-79-8)	X		13	0.47					3	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		No data											
p. Barium, Total (7440-39-3)	X		No data											
q. Boron, Total (7440-42-8)	X		0.038	ND					3	mg/L	lbs/d			
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		No data											
t. Magnesium, Total (7439-95-4)	X		0.85						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		No data											
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
CAD093365435	014

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. CONCEN-TRATION	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			1.4						1	ug/L				
2M. Arsenic, Total (7440-38-2)	X			ND <7.0						1	ug/L				
3M. Beryllium, Total (7440-41-7)	X			ND <0.90						1	ug/L				
4M. Cadmium, Total (7440-43-9)	X			1.6	0.0001					5	ug/L	lbs/dy			
5M. Chromium, Total (7440-47-3)	X			ND <2.0						1	ug/L				
6M. Copper, Total (7440-50-8)	X			4.4	0.0001					5	ug/L	lbs/dy			
7M. Lead, Total (7439-92-1)	X			2.8	0.0001					5	ug/L	lbs/dy			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					5	ug/L	lbs/dy			
9M. Nickel, Total (7440-02-0)	X			ND <2.0						1	ug/L				
10M. Selenium, Total (7782-49-2)	X			0.35						5	ug/L				
11M. Silver, Total (7440-22-4)	X			ND <0.30						1	ug/L				
12M. Thallium, Total (7440-28-0)	X			ND <0.20						1	ug/L				
13M. Zinc, Total (7440-66-6)	X			46	0.002					5	ug/L	lbs/dy			
14M. Cyanide, Total (57-12-5)	X			ND<0.0022						1	mg/L				
15M. Phenols, Total	X			ND <1.9						2	ug/L				
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 4.71x10-07 ug/L for five samples collected in the 2007-2008 rainy season.											

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			ND <4.0						1	ug/L				
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						1	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						1	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND < 0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						1	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						1	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						1	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42						1	ug/L				
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						1	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						1	ug/L				

 CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						1	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						1	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						1	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						1	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26						1	ug/L				
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						1	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						1	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			ND <1.9						2	ug/L				
2A. 2,4-Dichloro-phenol (120-83-2)	X			ND <1.9						2	ug/L				
3A. 2,4-Dimethyl-phenol (105-67-9)	X			ND <3.3						2	ug/L				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <4.3						2	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			ND <3.3						2	ug/L				
7A. 4-Nitrophenol (100-02-7)	X			ND <5.2						2	ug/L				
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <3.3						2	ug/L				
10A. Phenol (108-95-2)	X			ND <1.9						2	ug/L				
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <2.9						2	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <1.9						2	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <1.9						2	ug/L				
3B. Anthracene (120-12-7)	X			ND <1.9						2	ug/L				
4B. Benzidine (92-87-5)	X			ND <8.0						2	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <1.9						2	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <1.9						2	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <1.9						2	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <2.9						2	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <1.9						2	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <1.9						2	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <2.4						2	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <2.4						2	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			ND <3.8						2	ug/L				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <2.4						2	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <3.8						2	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <1.9						2	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <1.9						2	ug/L				
18B. Chrysene (218-01-9)	X			ND <1.9						2	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <2.8						2	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.32						3	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.35						3	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.37						3	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <2.8						2	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <1.9						2	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <1.9						2	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <1.9						2	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <1.9						2	ug/L				
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <1.9						2	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <1.9						2	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <1.9						2	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <1.9						2	ug/L				
32B. Fluorene (86-73-7)	X			ND <1.9						2	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <2.4						2	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <3.3						2	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <4.7						2	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <2.9						2	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <2.9						2	ug/L				
38B. Isophorone (78-59-1)	X			ND <1.9						2	ug/L				
39B. Naphthalene (91-20-3)	X			ND <2.4	ND					5	ug/L	lbs/dy			
40B. Nitrobenzene (98-95-3)	X			ND <2.4						2	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <2.4						5	ug/L				
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <2.4						2	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <1.9						2	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <1.9						2	ug/L				
45B. Pyrene (129-00-0)	X			ND <1.9						2	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <2.4						2	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND<0.0014						1	ug/L				
2P. α-BHC (319-84-6)	X			ND<0.0024						1	ug/L				
3P. β-BHC (319-85-7)	X			ND<0.0038						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND<0.0029						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND<0.0033						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.029						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND<0.0038						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND<0.0029						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND<0.0019						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND<0.0019						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND<0.0019						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND<0.0029						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND<0.0029						1	ug/L				
14P. Endrin (72-20-8)	X			ND<0.0019						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND<0.0019						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND<0.0029						1	ug/L				

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	014

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND<0.0024						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.29						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.43						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.067						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM **2C** NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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.	
018	34	13	35	118	42	18	Bell Creek

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. OUT-FALL 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	
018	Stormwater runoff	1yr 24hr flow 2.3 MGD	Discharge to Surface Water. Flows are total daily flows during listed storm events.	4-A	2-A
		10yr 24hr flow 24 MGD	Flows estimated using InfoSWMM, a dynamic rainfall, runoff and routing simulation model	1-R	2-J
		100yr 24hr flow 64 MGD	based on a core EPA SWMM model. Flow is treated with sand filtration, multimedia	1-N	1-Q
			filtration, cartridge filters, activated carbon, and ion exchange.		

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	None	None	Soil and groundwater cleanup is ongoing. No groundwater discharges to occur at this outfall. Soil and groundwater investigation and cleanup activities will take place. However, no discharges will occur to this outfall as a result of those activities.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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*)

 CONTINUE ON REVERSE

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*)

Chronic Bioassay - NPDES Monitoring

96 Hour Percent Survival Bioassay (Acute) - NPDES Monitoring

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
Ted Gallacher	12/10/08.

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*)
CAD093365435

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

OUTFALL NO. 018

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	(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. CONCEN-TRATION	b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	2.2	5.19					3	mg/L	lbs/d			
b. Chemical Oxygen Demand (*COD*)	NA											
c. Total Organic Carbon (*TOC*)	9.8						1	mg/L				
d. Total Suspended Solids (*TSS*)	27	49.31					3	mg/L	lbs/d			
e. Ammonia (*as N*)	ND <0.30	ND					3	mg/L	lbs/d			
f. Flow	VALUE 19,137		VALUE 27,535,815		VALUE			gpm		VALUE		
g. Temperature (*winter*)	VALUE 26.7		VALUE		VALUE 16			°C		VALUE		
h. Temperature (*summer*)	VALUE NA		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.5	MAXIMUM 7.8	MINIMUM	MAXIMUM			3	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	b. 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. CONCEN-TRATION	b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.14	0.66					1	mg/L	lbs/d			
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.31	1.46					1	mg/L	lbs/d			
f. Nitrate-Nitrite (*as N*)	X		1.7	8.02					3	mg/L	lbs/d			

CONTINUE ON REVERSE

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)		X												
h. Oil and Grease	X		1.9	3.47					3	mg/L	lbs/d			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		2.15						3	pCi/L				
(2) Beta, Total	X		4.36						3	pCi/L				
(3) Radium, Total	X		2.169+/-.7						3	pCi/L				
(4) Radium 226, Total	X		2.27						3	pCi/L				
k. Sulfate (*as* SO_4) (14808-79-8)	X		84	316.27					3	mg/L	lbs/d			
l. Sulfide (*as S*)		X												
m. Sulfite (*as* SO_3) (14265-45-3)		X												
n. Surfactants	X		0.05	0.04					3	mg/L	lbs/d			
o. Aluminum, Total (7429-90-5)	X		No data											
p. Barium, Total (7440-39-3)	X		0.019	0.09					1	mg/L	lbs/d			
q. Boron, Total (7440-42-8)	X		0.065						1	mg/L				
r. Cobalt, Total (7440-48-4)	X		No data											
s. Iron, Total (7439-89-6)	X		0.66						1	mg/L				
t. Magnesium, Total (7439-95-4)	X		9.5						1	mg/L				
u. Molybdenum, Total (7439-98-7)	X		No data											
v. Manganese, Total (7439-96-5)	X		18	0.08					1	ug/L	lbs/d			
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
CAD093365435	018

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			0.45	0.002					1	ug/L	lbs/d			
2M. Arsenic, Total (7440-38-2)	X			ND <7.0	ND					1	ug/L	lbs/d			
3M. Beryllium, Total (7440-41-7)	X			ND <0.90	ND					1	ug/L	lbs/d			
4M. Cadmium, Total (7440-43-9)	X			ND <0.22	ND					3	ug/L	lbs/d			
5M. Chromium, Total (7440-47-3)	X			ND <2.0						1	ug/L				
6M. Copper, Total (7440-50-8)	X			3.5	0.02					3	ug/L	lbs/d			
7M. Lead, Total (7439-92-1)	X			1	3.12					3	ug/L	lbs/d			
8M. Mercury, Total (7439-97-6)	X			ND <0.050	ND					3	ug/L	lbs/d			
9M. Nickel, Total (7440-02-0)	X			2.6	0.01					1	ug/L	lbs/d			
10M. Selenium, Total (7782-49-2)	X			0.30	0.0002					3	ug/L	lbs/d			
11M. Silver, Total (7440-22-4)	X			ND <0.30	ND					1	ug/L	lbs/d			
12M. Thallium, Total (7440-28-0)	X			ND <0.20	ND					1	ug/L	lbs/d			
13M. Zinc, Total (7440-66-6)	X			15	ND					3	ug/L	lbs/d			
14M. Cyanide, Total (57-12-5)	X			ND <2.2	ND					3	ug/L	lbs/d			
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS 2,3,7,8-TCDD had ND results less than 6.31x10-07 ug/L for three samples collected in the 2007-2008 rainy season.											

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)	X			ND <4.0						1	ug/L				
2V. Acrylonitrile (107-13-1)	X			ND <0.70						1	ug/L				
3V. Benzene (71-43-2)	X			ND <0.28						3	ug/L				
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X			ND <0.40						1	ug/L				
6V. Carbon Tetrachloride (56-23-5)	X			ND <0.28						3	ug/L				
7V. Chlorobenzene (108-90-7)	X			ND <0.36						1	ug/L				
8V. Chlorodi-bromomethane (124-48-1)	X			ND <0.28						1	ug/L				
9V. Chloroethane (75-00-3)	X			ND <0.40						1	ug/L				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			ND <1.8						1	ug/L				
11V. Chloroform (67-66-3)	X			ND <0.33						3	ug/L				
12V. Dichloro-bromomethane (75-27-4)	X			ND <0.30						1	ug/L				
13V. Dichloro-difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro-ethane (75-34-3)	X			ND <0.27						3	ug/L				
15V. 1,2-Dichloro-ethane (107-06-2)	X			ND <0.28						3	ug/L				
16V. 1,1-Dichloro-ethylene (75-35-4)	X			ND <0.42	ND					3	ug/L	lbs/d			
17V. 1,2-Dichloro-propane (78-87-5)	X			ND <0.35						1	ug/L				
18V. 1,3-Dichloro-propylene (542-75-6)	X			ND <0.22						1	ug/L				
19V. Ethylbenzene (100-41-4)	X			ND <0.25						3	ug/L				
20V. Methyl Bromide (74-83-9)	X			ND <0.42						1	ug/L				
21V. Methyl Chloride (74-87-3)	X			ND <0.40						1	ug/L				

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X			ND <0.95						1	ug/L				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			ND <0.24						1	ug/L				
24V. Tetrachloro-ethylene (127-18-4)	X			ND <0.32						3	ug/L				
25V. Toluene (108-88-3)	X			ND <0.36						3	ug/L				
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			ND <0.27						1	ug/L				
27V. 1,1,1-Trichloro-ethane (71-55-6)	X			ND <0.30						3	ug/L				
28V. 1,1,2-Trichloro-ethane (79-00-5)	X			ND <0.30						3	ug/L				
29V Trichloro-ethylene (79-01-6)	X			ND <0.26	ND					3	ug/L	lbs/d			
30V. Trichloro-fluoromethane (75-69-4)	X			ND <0.34						3	ug/L				
31V. Vinyl Chloride (75-01-4)	X			ND <0.30						3	ug/L				
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			No data											
2A. 2,4-Dichloro-phenol (120-83-2)	X			No data											
3A. 2,4-Dimethyl-phenol (105-67-9)	X			No data											
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)	X			ND <0.85						1	ug/L				
6A. 2-Nitrophenol (88-75-5)	X			No data											
7A. 4-Nitrophenol (100-02-7)	X			No data											
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)	X			ND <0.095	8e-10					3	ug/L	lbs/d			
10A. Phenol (108-95-2)	X			No data											
11A. 2,4,6-Trichloro-phenol (88-05-2)	X			ND <0.095	ND					3	ug/L	lbs/d			

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			ND <0.094						1	ug/L				
2B. Acenaphtylene (208-96-8)	X			ND <0.094						1	ug/L				
3B. Anthracene (120-12-7)	X			ND <0.094						1	ug/L				
4B. Benzidine (92-87-5)	X			ND <0.94						1	ug/L				
5B. Benzo (*a*) Anthracene (56-55-3)	X			ND <0.094						1	ug/L				
6B. Benzo (*a*) Pyrene (50-32-8)	X			ND <0.094						1	ug/L				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			ND <0.094						1	ug/L				
8B. Benzo (*ghi*) Perylene (191-24-2)	X			ND <0.094						1	ug/L				
9B. Benzo (*k*) Fluoranthene (207-08-9)	X			ND <0.094						1	ug/L				
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)	X			ND <0.094						1	ug/L				
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)	X			ND <0.094						1	ug/L				
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)	X			ND <0.094						1	ug/L				
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)	X			1.7	0.001					3	ug/L	lbs/d			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			ND <0.094						1	ug/L				
15B. Butyl Benzyl Phthalate (85-68-7)	X			ND <0.66						1	ug/L				
16B. 2-Chloro-naphthalene (91-58-7)	X			ND <0.094						1	ug/L				
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			ND <0.094						1	ug/L				
18B. Chrysene (218-01-9)	X			ND <0.094						1	ug/L				
19B. Dibenzo (*a,h*) Anthracene (53-70-3)	X			ND <0.094						1	ug/L				
20B. 1,2-Dichloro-benzene (95-50-1)	X			ND <0.094						2	ug/L				
21B. 1,3-Di-chloro-benzene (541-73-1)	X			ND <0.094						2	ug/L				

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)	X			ND <0.19						2	ug/L				
23B. 3,3-Dichloro-benzidine (91-94-1)	X			ND <0.38						1	ug/L				
24B. Diethyl Phthalate (84-66-2)	X			ND <0.12						1	ug/L				
25B. Dimethyl Phthalate (131 -11-3)	X			ND <0.094						1	ug/L				
26B. Di-N-Butyl Phthalate (84-74-2)	X			ND <0.19						1	ug/L				
27B. 2,4-Dinitro-toluene (121-14-2)	X			ND <0.19	ND					3	ug/L	lbs/d			
28B. 2,6-Dinitro-toluene (606-20-2)	X			ND <0.094						1	ug/L				
29B. Di-N-Octyl Phthalate (117-84-0)	X			ND <0.094						1	ug/L				
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)	X			ND <0.094						1	ug/L				
31B. Fluoranthene (206-44-0)	X			ND <0.094						1	ug/L				
32B. Fluorene (86-73-7)	X			ND <0.094						1	ug/L				
33B. Hexachloro-benzene (118-74-1)	X			ND <0.094						1	ug/L				
34B. Hexachloro-butadiene (87-68-3)	X			ND <0.19						1	ug/L				
35B. Hexachloro-cyclopentadiene (77-47-4)	X			ND <0.094						1	ug/L				
36B Hexachloro-ethane (67-72-1)	X			ND <0.19						1	ug/L				
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X			ND <0.094						1	ug/L				
38B. Isophorone (78-59-1)	X			ND <0.094						1	ug/L				
39B. Naphthalene (91-20-3)	X			ND <0.094						1	ug/L				
40B. Nitrobenzene (98-95-3)	X			ND <0.094						1	ug/L				
41B. N-Nitro-sodimethylamine (62-75-9)	X			ND <0.095	ND					3	ug/L	lbs/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			ND <0.094						1	ug/L				

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)	X			ND <0.094						1	ug/L				
44B. Phenanthrene (85-01-8)	X			ND <0.094						1	ug/L				
45B. Pyrene (129-00-0)	X			ND <0.094						1	ug/L				
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X			ND <0.094						1	ug/L				
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			ND <0.001						1	ug/L				
2P. α-BHC (319-84-6)	X			ND <0.002	ND					3	ug/L	lbs/d			
3P. β-BHC (319-85-7)	X			ND <0.004						1	ug/L				
4P. γ-BHC (58-89-9)	X			ND <0.003						1	ug/L				
5P. δ-BHC (319-86-8)	X			ND <0.003						1	ug/L				
6P. Chlordane (57-74-9)	X			ND <0.028						1	ug/L				
7P. 4,4'-DDT (50-29-3)	X			ND <0.004						1	ug/L				
8P. 4,4'-DDE (72-55-9)	X			ND <0.003						1	ug/L				
9P. 4,4'-DDD (72-54-8)	X			ND <0.002						1	ug/L				
10P. Dieldrin (60-57-1)	X			ND <0.002						1	ug/L				
11P. α-Enosulfan (115-29-7)	X			ND <0.002						1	ug/L				
12P. β-Endosulfan (115-29-7)	X			ND <0.003						1	ug/L				
13P. Endosulfan Sulfate (1031-07-8)	X			ND <0.003						1	ug/L				
14P. Endrin (72-20-8)	X			ND <0.002						1	ug/L				
15P. Endrin Aldehyde (7421-93-4)	X			ND <0.002						1	ug/L				
16P. Heptachlor (76-44-8)	X			ND <0.003						1	ug/L				

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	018

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X			ND <0.002						1	ug/L				
18P. PCB-1242 (53469-21-9)	X			ND <0.24						1	ug/L				
19P. PCB-1254 (11097-69-1)	X			ND <0.24						1	ug/L				
20P. PCB-1221 (11104-28-2)	X			ND <0.24						1	ug/L				
21P. PCB-1232 (11141-16-5)	X			ND <0.24						1	ug/L				
22P. PCB-1248 (12672-29-6)	X			ND <0.24						1	ug/L				
23P. PCB-1260 (11096-82-5)	X			ND <0.28						1	ug/L				
24P. PCB-1016 (12674-11-2)	X			ND <0.42						1	ug/L				
25P. Toxaphene (8001-35-2)	X			ND <0.066						1	ug/L				

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM 2C NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE 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 1. DEG.	2. MIN.	3. SEC.	C. LONGITUDE 1. DEG.	2. MIN.	3. SEC.	D. RECEIVING WATER (*name*)
019	34	13	27	118	41	15	Bell Creek

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. OUT-FALL NO. (*list*)	2. OPERATION(S) CONTRIBUTING FLOW: a. OPERATION (*list*)	b. AVERAGE FLOW (*include units*)	3. TREATMENT: a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
019	Treated groundwater	0.24 MGD ave, 0.3 MGD peak	Treat and discharge to Surface Water	1-A	1-Q
	Will begin when new groundwater		Treat with fine filtration, air stripping, advanced filtration and/or precipitation to	2-A	2-B
	treatment system is brought online.		remove metals, granular activated carbon, and/or advanced oxidation	2-H	1-X
			Discharges will start at lower flows than shown here and may rise to these levels.	4-A	

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		4. FLOW				
		a. DAYS PER WEEK (*specify average*)	b. MONTHS PER YEAR (*specify average*)	a. FLOW RATE (*in mgd*)		B. TOTAL VOLUME (*specify with units*)		C. DURATION (*in days*)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
019	Once Outfall 019 is brought online, groundwater discharged from Outfall 019 will be continuous.							

III. PRODUCTION

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

☐ YES (*complete Item III-B*) ☑ NO (*go to Section IV*)

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

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

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

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

IV. IMPROVEMENTS

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

☑ YES (*complete the following table*) ☐ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
RCRA Part B Post Closure Permits PC-94/95-3003 PC-94/95-3-02	019	Groundwater Treatment Systems	Soil and groundwater cleanup is ongoing. Discharge of treated groundwater to outfall 019 will occur when new treatment system is completed. Note, all flows leaving 019 go to 001. However, substantial evaporation and infiltration are likely prior to reaching 001, so flows are expected to be substantially reduced. Investigation and cleanup of soils will not result in discharges to Outfall 019 prior to the treatment system coming online.		2017 soils remediation complete

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

 CONTINUE ON PAGE 3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
CAD093365435

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
See section V, parts A through C.			

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

The groundwater treatment system at Outfall 019 is not yet in operation.

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*)
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

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.*)
Tom Gallacher, Director, SSFL	(818) 466-8161
C. SIGNATURE	D. DATE SIGNED
	12/10/08.

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*)
CAD093365435

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

OUTFALL NO.
019

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 (2) MASS	c. LONG TERM AVRG. VALUE (*if available*) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	3. UNITS (*specify if blank*) a. CONCEN-TRATION	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*)	No Data											
b. Chemical Oxygen Demand (*COD*)	No Data											
c. Total Organic Carbon (*TOC*)	2.81	7.0					4	mg/L	lb/day			
d. Total Suspended Solids (*TSS*)	No Data											
e. Ammonia (*as N*)	0.13	0.31					114	mg/L	lb/day			
f. Flow	VALUE 300,000		VALUE		VALUE			gal/day		VALUE		
g. Temperature (*winter*)	VALUE 68		VALUE		VALUE			°C		VALUE		
h. Temperature (*summer*)	VALUE 72		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.29	MAXIMUM 8.85	MINIMUM	MAXIMUM				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	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 (2) MASS	c. LONG TERM AVRG. VALUE (*if available*) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCEN-TRATION	b. MASS	5. 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)	X		5.7e-1	1.4					61	mg/L	lb/d			
b. Chlorine, Total Residual		X	No Data											
c. Color		X	No Data											
d. Fecal Coliform		X	No Data											
e. Fluoride (16984-48-8)	X		0.39	0.97					181	mg/L	lb/d			
f. Nitrate-Nitrite (*as N*)	X		0.76	1.91					95	mg/L	lb/d			

 CONTINUE ON REVERSE

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (*as N*)	X		No Data							mg/L	lb/d			
h. Oil and Grease		X	No Data							mg/L	lb/d			
i. Phosphorus (as P), Total (7723-14-0)	X		No Data							mg/L	lb/d			
j. Radioactivity														
(1) Alpha, Total	X		No Data							mg/L	lb/d			
(2) Beta, Total	X		No Data							mg/L	lb/d			
(3) Radium, Total	X		No Data							mg/L	lb/d			
(4) Radium 226, Total	X		No Data							mg/L	lb/d			
k. Sulfate (*as* SO_4) (14808-79-8)	X		40.3	101.1					217	mg/L	lb/d			
l. Sulfide (*as S*)	X		0.06	0.14					32	mg/L	lb/d			
m. Sulfite (*as* SO_3) (14265-45-3)	X		No Data							mg/L	lb/d			
n. Surfactants		X	No Data							mg/L	lb/d			
o. Aluminum, Total (7429-90-5)	X		No Data							mg/L	lb/d			
p. Barium, Total (7440-39-3)	X		0.05	0.12					88	mg/L	lb/d			
q. Boron, Total (7440-42-8)	X		No Data							mg/L	lb/d			
r. Cobalt, Total (7440-48-4)	X		3.7e-4	9.3e-4					88	mg/L	lb/d			
s. Iron, Total (7439-89-6)	X		1.2e-2	4.9e-3					45	mg/L	lb/d			
t. Magnesium, Total (7439-95-4)	X		0.52	1.3					49	mg/L	lb/d			
u. Molybdenum, Total (7439-98-7)	X		5.8e-4	1.4e-3					56	mg/L	lb/d			
v. Manganese, Total (7439-96-5)	X		7.7e-4	1.9e-3					60	mg/L	lb/d			
w. Tin, Total (7440-31-5)	X		6.9e-3	1.7e-2					37	mg/L	lb/d			
x. Titanium, Total (7440-32-6)	X		No Data							mg/L	lb/d			

 CONTINUE ON PAGE V-3

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	019

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		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)		X		8.9e-4	2.2e-3					87	mg/L	lb/day			
2M. Arsenic, Total (7440-38-2)		X		9.9e-3	2.5e-2					89	mg/L	lb/day			
3M. Beryllium, Total (7440-41-7)			X	ND	ND					88	mg/L	lb/day			
4M. Cadmium, Total (7440-43-9)		X		7.4e-5	1.8e-4					88	mg/L	lb/day			
5M. Chromium, Total (7440-47-3)		X		9.1e-4	2.3e-3					87	mg/L	lb/day			
6M. Copper, Total (7440-50-8)		X		3.2e-3	7.9e-3					88	mg/L	lb/day			
7M. Lead, Total (7439-92-1)		X		1.3e-3	3.2e-3					88	mg/L	lb/day			
8M. Mercury, Total (7439-97-6)			X	ND	ND					87	mg/L	lb/day			
9M. Nickel, Total (7440-02-0)		X		1.5e-3	3.7e-3					88	mg/L	lb/day			
10M. Selenium, Total (7782-49-2)		X		1.3e-3	3.2e-3					87	mg/L	lb/day			
11M. Silver, Total (7440-22-4)		X		5.5e-5	1.4e-4					88	mg/L	lb/day			
12M. Thallium, Total (7440-28-0)		X		1.2e-4	2.9e-4					88	mg/L	lb/day			
13M. Zinc, Total (7440-66-6)		X		3.1e-1	7.8e-1					88	mg/L	lb/day			
14M. Cyanide, Total (57-12-5)		X		4.6e-3	1.1e-2					5	mg/L	lb/day			
15M. Phenols, Total			X	ND	ND					157	mg/L	lb/day			
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS 32 Samples all below laboratory detection limits (non-detect)											

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)			X	ND	ND					37	mg/L	lb/day			
2V. Acrylonitrile (107-13-1)			X	ND	ND					37	mg/L	lb/day			
3V. Benzene (71-43-2)			X	ND	ND					1005	mg/L	lb/day			
4V. Bis (*Chloro-methyl*) Ether (542-88-1)			X	No Data							mg/L	lb/day			
5V. Bromoform (75-25-2)			X	ND	ND					1005	mg/L	lb/day			
6V. Carbon Tetrachloride (56-23-5)			X	ND	ND					1005	mg/L	lb/day			
7V. Chlorobenzene (108-90-7)			X	ND	ND					1005	mg/L	lb/day			
8V. Chlorodi-bromomethane (124-48-1)			X	No Data							mg/L	lb/day			
9V. Chloroethane (75-00-3)			X	ND	ND					1005	mg/L	lb/day			
10V. 2-Chloro-ethylvinyl Ether (110-75-8)			X	ND	ND					50	mg/L	lb/day			
11V. Chloroform (67-66-3)			X	ND	ND					1005	mg/L	lb/day			
12V. Dichloro-bromomethane (75-27-4)			X	No Data							mg/L	lb/day			
13V. Dichloro-difluoromethane (75-71-8)			X	ND	ND					62	mg/L	lb/day			
14V. 1,1-Dichloro-ethane (75-34-3)			X	ND	ND					852	mg/L	lb/day			
15V. 1,2-Dichloro-ethane (107-06-2)			X	ND	ND					852	mg/L	lb/day			
16V. 1,1-Dichloro-ethylene (75-35-4)		X		1.6e-3	4.0e-3					852	mg/L	lb/day			
17V. 1,2-Dichloro-propane (78-87-5)			X	ND	ND					852	mg/L	lb/day			
18V. 1,3-Dichloro-propylene (542-75-6)			X	No Data							mg/L	lb/day			
19V. Ethylbenzene (100-41-4)			X	ND	ND					852	mg/L	lb/day			
20V. Methyl Bromide (74-83-9)			X	No Data							mg/L	lb/day			
21V. Methyl Chloride (74-87-3)			X	No Data							mg/L	lb/day			

 CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)		X		3.7e-4	9.2e-4					845	mg/L	lb/day			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X	ND	ND					852	mg/L	lb/day			
24V. Tetrachloro-ethylene (127-18-4)			X	ND	ND					852	mg/L	lb/day			
25V. Toluene (108-88-3)			X	ND	ND					850	mg/L	lb/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)		X		2.5e-4	3.2e-4					876	mg/L	lb/day			
27V. 1,1,1-Trichloro-ethane (71-55-6)			X	ND	ND					852	mg/L	lb/day			
28V. 1,1,2-Trichloro-ethane (79-00-5)			X	ND	ND					852	mg/L	lb/day			
29V Trichloro-ethylene (79-01-6)		X		1.5e-2	3.8e-2					874	mg/L	lb/day			
30V. Trichloro-fluoromethane (75-69-4)			X	ND	ND					851	mg/L	lb/day			
31V. Vinyl Chloride (75-01-4)		X		2.7e-4	5.3e-4					865	mg/L	lb/day			
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X	ND	ND					157	mg/L	lb/day			
2A. 2,4-Dichloro-phenol (120-83-2)			X	ND	ND					157	mg/L	lb/day			
3A. 2,4-Dimethyl-phenol (105-67-9)			X	ND	ND					153	mg/L	lb/day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	No Data							mg/L	lb/day			
5A. 2,4-Dinitro-phenol (51-28-5)			X	ND	ND					157	mg/L	lb/day			
6A. 2-Nitrophenol (88-75-5)			X	ND	ND					157	mg/L	lb/day			
7A. 4-Nitrophenol (100-02-7)			X	ND	ND					157	mg/L	lb/day			
8A. P-Chloro-M-Cresol (59-50-7)			X	No Data							mg/L	lb/day			
9A. Pentachloro-phenol (87-86-5)			X	ND	ND					189	mg/L	lb/day			
10A. Phenol (108-95-2)			X	ND	ND					157	mg/L	lb/day			
11A. 2,4,6-Trichloro-phenol (88-05-2)			X	ND	ND					157	mg/L	lb/day			

CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X	ND	ND					157	mg/L	lb/day			
2B. Acenaphtylene (208-96-8)			X	ND	ND					157	mg/L	lb/day			
3B. Anthracene (120-12-7)			X	ND	ND					157	mg/L	lb/day			
4B. Benzidine (92-87-5)			X	ND	ND					112	mg/L	lb/day			
5B. Benzo (*a*) Anthracene (56-55-3)			X	ND	ND					35	mg/L	lb/day			
6B. Benzo (*a*) Pyrene (50-32-8)			X	ND	ND					35	mg/L	lb/day			
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	No Data							mg/L	lb/day			
8B. Benzo (*ghi*) Perylene (191-24-2)			X	ND	ND					11	mg/L	lb/day			
9B. Benzo (*k*) Fluoranthene (207-08-9)			X	ND	ND					117	mg/L	lb/day			
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)			X	ND	ND					157	mg/L	lb/day			
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)			X	ND	ND					157	mg/L	lb/day			
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)			X	ND	ND					157	mg/L	lb/day			
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)			X	ND	ND					157	mg/L	lb/day			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X	ND	ND					157	mg/L	lb/day			
15B. Butyl Benzyl Phthalate (85-68-7)			X	ND	ND					157	mg/L	lb/day			
16B. 2-Chloro-naphthalene (91-58-7)			X	ND	ND					157	mg/L	lb/day			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X	ND	ND					157	mg/L	lb/day			
18B. Chrysene (218-01-9)			X	ND	ND					157	mg/L	lb/day			
19B. Dibenzo (*a,h*) Anthracene (53-70-3)			X	ND	ND					157	mg/L	lb/day			
20B. 1,2-Dichloro-benzene (95-50-1)			X	ND	ND					1010	mg/L	lb/day			
21B. 1,3-Di-chloro-benzene (541-73-1)			X	ND	ND					1009	mg/L	lb/day			

 CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichloro-benzene (106-46-7)			X	ND	ND					1010	mg/L	lb/day			
23B. 3,3-Dichloro-benzidine (91-94-1)			X	ND	ND					26	mg/L	lb/day			
24B. Diethyl Phthalate (84-66-2)			X	ND	ND					157	mg/L	lb/day			
25B. Dimethyl Phthalate (131 -11-3)			X	ND	ND					154	mg/L	lb/day			
26B. Di-N-Butyl Phthalate (84-74-2)			X	ND	ND					158	mg/L	lb/day			
27B. 2,4-Dinitro-toluene (121-14-2)			X	ND	ND					157	mg/L	lb/day			
28B. 2,6-Dinitro-toluene (606-20-2)			X	ND	ND					157	mg/L	lb/day			
29B. Di-N-Octyl Phthalate (117-84-0)			X	ND	ND					157	mg/L	lb/day			
30B. 1,2-Diphenyl-hydrazine (*as Azo-benzene*) (122-66-7)			X	ND	ND					124	mg/L	lb/day			
31B. Fluoranthene (206-44-0)			X	ND	ND					157	mg/L	lb/day			
32B. Fluorene (86-73-7)			X	ND	ND					157	mg/L	lb/day			
33B. Hexachloro-benzene (118-74-1)			X	ND	ND					157	mg/L	lb/day			
34B. Hexachloro-butadiene (87-68-3)			X	ND	ND					184	mg/L	lb/day			
35B. Hexachloro-cyclopentadiene (77-47-4)			X	ND	ND					33	mg/L	lb/day			
36B Hexachloro-ethane (67-72-1)			X	ND	ND					150	mg/L	lb/day			
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X	ND	ND					157	mg/L	lb/day			
38B. Isophorone (78-59-1)			X	ND	ND					156	mg/L	lb/day			
39B. Naphthalene (91-20-3)			X	ND	ND					185	mg/L	lb/day			
40B. Nitrobenzene (98-95-3)			X	ND	ND					157	mg/L	lb/day			
41B. N-Nitro-sodimethylamine (62-75-9)		X		2.6e-3	6.4e-3					380	mg/L	lb/day			
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	ND	ND					157	mg/L	lb/day			

 CONTINUE ON REVERSE

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)			X	ND	ND					157	mg/L	lb/day			
44B. Phenanthrene (85-01-8)			X	ND	ND					157	mg/L	lb/day			
45B. Pyrene (129-00-0)			X	ND	ND					34	mg/L	lb/day			
46B. 1,2,4-Tri-chlorobenzene (120-82-1)			X	ND	ND					184	mg/L	lb/day			
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	ND	ND					29	mg/L	lb/day			
2P. α-BHC (319-84-6)			X	ND	ND					29	mg/L	lb/day			
3P. β-BHC (319-85-7)			X	ND	ND					29	mg/L	lb/day			
4P. γ-BHC (58-89-9)			X	ND	ND					25	mg/L	lb/day			
5P. δ-BHC (319-86-8)			X	ND	ND					29	mg/L	lb/day			
6P. Chlordane (57-74-9)			X	ND	ND					29	mg/L	lb/day			
7P. 4,4'-DDT (50-29-3)			X	ND	ND					29	mg/L	lb/day			
8P. 4,4'-DDE (72-55-9)			X	ND	ND					29	mg/L	lb/day			
9P. 4,4'-DDD (72-54-8)			X	ND	ND					29	mg/L	lb/day			
10P. Dieldrin (60-57-1)			X	ND	ND					29	mg/L	lb/day			
11P. α-Enosulfan (115-29-7)			X	ND	ND					29	mg/L	lb/day			
12P. β-Endosulfan (115-29-7)			X	ND	ND					29	mg/L	lb/day			
13P. Endosulfan Sulfate (1031-07-8)			X	ND	ND					29	mg/L	lb/day			
14P. Endrin (72-20-8)			X	ND	ND					29	mg/L	lb/day			
15P. Endrin Aldehyde (7421-93-4)			X	ND	ND					29	mg/L	lb/day			
16P. Heptachlor (76-44-8)			X	ND	ND					29	mg/L	lb/day			

 CONTINUE ON PAGE V-9

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
CAD093365435	019

CONTINUED FROM PAGE V-8

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. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)			X	ND	ND					29	mg/L	lb/day			
18P. PCB-1242 (53469-21-9)			X	ND	ND					31	mg/L	lb/day			
19P. PCB-1254 (11097-69-1)			X	ND	ND					31	mg/L	lb/day			
20P. PCB-1221 (11104-28-2)			X	ND	ND					31	mg/L	lb/day			
21P. PCB-1232 (11141-16-5)			X	ND	ND					31	mg/L	lb/day			
22P. PCB-1248 (12672-29-6)			X	ND	ND					31	mg/L	lb/day			
23P. PCB-1260 (11096-82-5)			X	ND	ND					31	mg/L	lb/day			
24P. PCB-1016 (12674-11-2)			X	ND	ND					31	mg/L	lb/day			
25P. Toxaphene (8001-35-2)			X	ND	ND					29	mg/L	lb/day			

Form 2-C, IV. B.

Additional Water Pollution Control Programs:

Boeing Response to RWQCB Cease and Desist Order (CDO) R4-2007-0056 SSFL NPDES Workplan: ENTS & Expert Panel Workplan for SSFL Outfalls 008 & 009. December 12, 2007.

Site-Wide Stormwater Pollution Prevention Plan (SWPPP). March 2008.

Please print or type in the unshaded areas only.

EPA ID Number (*copy from Item 1 of Form 1*)
CAD093365435

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

FORM **2F** NPDES

U.S. Environmental Protection Agency
Washington, DC 20460

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

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location

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

A. Outfall Number (*list*)	B. Latitude			C. Longitude			D. Receiving Water (*name*)
019	34	13	27	118	41	15	Bell Creek

II. Improvements

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

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls		3. Brief Description of Project	4. Final Compliance Date	
	number	source of discharge		a. req.	b. proj.
RCRA Part B Post Closure	019	Groundwater Treatment	Soil and groundwater cleanup is ongoing.		2017
Permits		Systems	Discharge of treated groundwater to		
PC-94/95-3003			outfall 019 will occur when new		
PC-94/05-3-02			treatment system is completed. Note, all		
			flows leaving 019 go to 001. However,		
			substantial evaporation and infiltration		
			are likely prior to reaching 001, so		
			flows are expected to be substantially		
			reduced. Investigation and cleanup of		
			soils will not result in discharges to		
			outfall 019 prior to the treatment		
			system coming online.		

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

III. Site Drainage Map

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

Continue on Page 2

Continued from the Front

IV. Narrative Description of Pollutant Sources

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

Outfall Number	Area of Impervious Surface *(provide units)*	Total Area Drained *(provide units)*	Outfall Number	Area of Impervious Surface *(provide units)*	Total Area Drained *(provide units)*
019	Treated groundwater discharged only at this outfall.				

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

Treated groundwater discharged only at this outfall.

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

Outfall Number	Treatment	List Codes from Table 2F-1
019	Treated groundwater will begin when new groundwater treatment system is brought online. Treated water will be discharged to surface water. Treatment will include fine filtration, air stripping, advanced filtration and/or precipitation to remove metals, granular activated carbon, and/or advanced oxidation.	1-A, 2-A, 2-H, 4-A, 1-Q, 2-B, 1-X

V. Nonstormwater Discharges

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

Name and Official Title *(type or print)*	Signature	Date Signed
Tom Gallacher, Director, SSFL		

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

The groundwater treatment system is not yet operational. Discharge information provided in Section VII identifies potential constituents of concerns in groundwater that will be treated. "No Data" are those concentration vales where there were no sampling results but the constituents were believed to be in the soil/water that will be treated. Constituents that were tested with a result of "Non-Detect" were not listed due to lack of space.

VI. Significant Leaks or Spills

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

NA

 Continue on Page 3

Continued from Page 2

EPA ID Number *(copy from Item 1 of Form 1)*
CAD093365435

VII. Discharge Information

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

E. Potential discharges not covered by analysis – is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ Yes (*list all such pollutants below*) ☑ No (*go to Section IX*)

VIII. Biological Toxicity Testing Data

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

☐ Yes (*list all such pollutants below*) ☑ No (*go to Section IX*)

The groundwater treatment system is not yet in operation.

IX. Contract Analysis Information

Were any of the analyses reported in Item VII 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 X*)

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
Test America, Inc.	17461 Derian Avenue Suite 100 Irvine, CA 92614 Fax: (949) 260-3299	949-261-1022	All

X. Certification

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

A. Name & Official Title (*Type Or Print*)	B. Area Code and Phone No.
Tom Gallacher, Director, SSFL	(818) 466-8161
C. Signature	D. Date Signed
Tom Gallacher	12/10/08.

EPA ID Number (*copy from Item 1 of Form 1*)
CAD093365435

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

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

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

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	No Data	N/A				
Biological Oxygen Demand (BOD5)	No Data					
Chemical Oxygen Demand (COD)	No Data					
Total Suspended Solids (TSS)	No Data					
Total Nitrogen	No Data					
Total Phosphorus	No Data					
pH	Minimum 6.29	Maximum 8.85	Minimum	Maximum		

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

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
TOC	2.81 mg/L					
Ammonia as N	0.13 mg/L					
Bromide	5.7e-1 mg/L					
Fluoride	0.39 mg/L					
Nitrate-Nitrite	0.76 mg/l as N					
Sulfate as SO4	40.3 mg/L				217	
Sulfide as S	0.06 mg/L				32	
Barium, Total	0.05 mg/L				88	
Cobalt, Total	3.7e-4 mg/L				88	
Iron, Total	1.2e-2 mg/L				45	
Magnesium, Totl	0.52 mg/L				49	
Molybdenum, Tot	5.8e-4 mg/L				56	
Manganese, Totl	7.7e-4 mg/L				60	
Tin, total	6.9e-3 mg/L				37	
Antimony, Total	8.9e-4 mg/L				87	
Arsenic, Total	9.9e-3 mg/L				89	
Cadmium, Total	7.4e-5 mg/L				88	
Chromium, Total	9.1e-4 mg/L				87	
Copper, Total	3.2e-3 mg/L				88	
Lead, Total	1.3e-3 mg/L				88	
Nickel, Total	1.5e-3 mg/L				88	
Selenium, Total	1.3e-3 mg/L				88	
Silver, total	5.5e-5 mg/L				87	
Thallium, Total	1.2e-4 mg/L				88	
Zinc, Total	3.1e-1 mg/L				88	
Cyanide, Total	4.6e-3 mg/L				5	
75-35-4	1.6e-3 mg/L				852	
75-09-2	3.7e-4 mg/L				845	
156-60-5	2.5e-4 mg/L				876	
79-01-6	1.5e-2 mg/L				874	

Continue on Reverse

Continued from the Front

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

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		

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

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
NA					

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

NA