Spill and Transboundary Wastewater Flow Event Prevention and Response Plan

International Boundary and Water Commission

International Wastewater Treatment Plant

Prepared by:

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Table of Contents

INTRODUCTION

1. The South Bay International Wastewater Treatment Plant ("SBIWTP") is a 25-million gallons per day (MGD) secondary treatment plant that treats wastewater collected within the City of Tijuana, Mexico ("City") and discharges the treated wastewater to the Pacific Ocean through the South Bay Ocean Outfall. The sewer collection system, located in Mexico, is maintained by the Comisión Estatal de Servicios Públicos de Tijuana in the City of Tijuana. Wastewater collected within Tijuana is received by Sewer Pump Stations #1A B, located within the City. By US/Mexico treaty conditions, a 30 day average of 25MGD is sent the SBIWTP, with the remainder being conveyed by Pump Station 1A and 1B to San Antonio de los Buenos, located approximately six (6) miles south of the US/Mexico border. Conveyance is through a force main and gravity pipeline.
2. Surface releases of wastewater within Mexico are considered potential sources for contamination of waterways and land areas within the United States. By design, canyon collector structures were erected on the United States side of the US/Mexico border to capture these flows in dry weather. Canyon collectors are referred to by name as Silva Drain, Stewart's Drain, Canyon Del Sol, Smuggler's Gulch Collector, and Goat Canyon Collector. Pump stations in Mexico that directly affect the US collectors are listed in *Attachment B*.
3. Per California Regional Water Quality Control Board – San Diego Region, Order No. R9-2014-0009, NPDES Permit No. CA0108928, Section VI. C. 2. A, this Spill and Transboundary Wastewater Flow Event Prevention and Response Plan is required as a comprehensive approach to prevent transboundary wastewater spills into the environment on the US side of the border – and Mexico.

4. This Spill and Transboundary Wastewater Flow Event Prevention and Response Plan is specifically focused on those **DRY WEATHER** wastewater flows that are **NOT CAPTURED** into by the Mexico collection system for treatment at either the Mexico or IBWC treatment facilities.

GOALS

The goal of the Prevention/ Response plan is to:

1. Reduce, eliminate and prevent the recurrence of spills and transboundary wastewater flows;
2. Protect public health and safety; and
3. Prevent adverse impacts to the environment from spills and transboundary wastewater flows, including but not limited to, adverse impact to waters of the United States and/or State.

DESIRED OUTCOMES

The Prevention/Response Plan have the desired outcomes to:

1. Prompt notification and reporting of spills and transboundary wastewater flows to appropriate regulatory agencies, municipalities, and other potentially affected entities is ensured; include the notification procedures from San Diego Field Office SOP.
2. Effective measures are identified, documented and implemented to prevent, reduce, and eliminate spills and transboundary wastewater flows;
3. Compliance with the requirements of Order No. R9-2014-0009 (NPDES No. CA0108928) and ensure they are achieved and maintained;
4. Effective remedial measures are implemented so that IBWC can aid in 1) control or limit the spill and/or transboundary wastewater flow volume, 2) terminate the spill and/or transboundary wastewater flow, 3) and recover as much of the spill and/or transboundary wastewater flow volume as possible for proper disposal, including any wash down water; and
5. A framework for binational actions and cooperation in achieving the goals and desired outcomes of the Prevention/Response Plan is established and followed by the Owner and CILA and the following agencies to the extent that these agencies are willing and able to participate, Secretaría de Protección as Ambiente (SPA), Comisión Estatal de Servicios Públicos, de Tijuana (CESPT), Procuraduría Federal de Protección al Ambiente (PROFEPA), Comisión Nacional del Agua (CONAGUA), and the City of Tijuana's Secretaría de Desarrollo Urbano y Ecología (SDUE).

DEFINITIONS

1. Discharger. The Discharger as it pertains to the Permit is the Owner of the South Bay International Wastewater Treatment Plant, which is the International Boundary and Water Commission. However, there are several functional roles within the Permit, which the Operator of the Facility, Owner's designee, has the responsibility to complete via contract. The Operator is Veolia Water North America. This Plan will distinguish the individual responsibilities.
2. Canyon Collector and Drain. A canyon collector is effectively identical to a Drain. It is a concrete structure designed to collect the flow from surface runoff and spilled wastewater flows and redirecting it through a gravity flow pipeline to the SBIWTP or through a pipeline conveying flow to a pumping station which transmits the flow through a force main to the headworks of the SBIWTP.
3. International Boundary and Water Commission ("IBWC"). IBWC is a US federal binational agency.
4. San Antonio de los Buenos Waste Water Treatment Plant (SABWWTP). The wastewater treatment plant located in Tijuana, Mexico.
5. Sanitary System Overflow (SSO). Sanitary system overflow is an overflow from within the collection system within Mexico.
6. South Bay International Wastewater Treatment Plant. The South Bay International Wastewater Treatment Plant ("SBIWTP" or "Facility") is a secondary wastewater treatment facility with a design average flow of 25 million gallons per day (MGD) which treats wastewater collected within the City of Tijuana, Mexico ("Tijuana").
7. Spill from the Facilities (Facilities Spill Event). A discharge of treated or untreated wastewater or other material to the environment that occurs at the Owner's Facility, including, but not limited to, the entire wastewater conveyance, storage, treatment, and disposal system (wastewater system) that is owned by the IBWC. Wastewater facilities include all piping, pump stations, force mains, Junction Box 1, Junction Box 2, five canyon collectors (Stewarts Drain, Silva Drain, Canon del Sol, Smugglers Gulch Collector, and Goat Canyon Collector), the International Wastewater Treatment Plant, South Bay Land Outfall, and South Bay Ocean Outfall. Note that the land and ocean outfalls have a shared ownership with the City of San Diego.
8. Transboundary Spill. The wastewater entering the storm drains and collectors that eventually enter the US, may be the result of:
    a. An SSO from the sewer collection system in Tijuana,
    b. Pump station shutdown from loss of power or scheduled maintenance
    c. A broken drinking water main from within Tijuana,
    d. A storm event, or
    e. An unknown source.

    The SBIWTP is notified of a possible transboundary spill if the shutdown is anticipated and known. Otherwise, the SBIWTP is not notified of a spill or overflow occurring within Tijuana and

the flows received at the drains and collectors are discovered during routine plant operations and inspections.

Please Note: Wet weather as defined by the permit, is not covered by this plan. When a rain event is imminent, the canyon collectors are shut off and resume operation when the rain event is over.

9. Transboundary Wastewater Flow Past the Canyon Collector System (Flow Event Type A). A dry weather transboundary treated or untreated wastewater or other flow through a conveyance structure owned by the United States Government into Smugglers Gulch, Goat Canyon, Canon del Sol, Stewarts Drain, or Silva Drain **and not diverted** into the canyon collector system for treatment at the Facility.
10. Transboundary Wastewater Flow Event or other Spill/ Wastewater Flow Event in Mexico (Flow Event Type B). A dry weather spill or dry weather transboundary wastewater or flow (not categorized in other Event Types above) that creates, or threatens to create, pollution, or nuisance conditions in waters of the United States and/or State including the Tijuana River (main channel), Yogurt Canyon drainage, other unnamed drainages and nearby coastal marine waters. These spills or transboundary flows include, but not limited to the following:
    a. A dry weather transboundary treated or untreated wastewater flow in waters of the Tijuana River (main channel) as described in Commitment No. 16 of IBWC Minute No. 283 *(Conceptual Plan for the International Solution to the Border Sanitation Problem in San Diego, California/Tijuana, Baja California, July 2, 1990)*
    b. A dry weather transboundary treated or untreated wastewater flow through a conveyance structure owned and operated by the United States Government into Yogurt Canyon.
    c. Spills or wastewater flows occurring in Mexico that the Owner and/or the Operator have knowledge of.
11. Additional definitions. Additional definitions can be found within *Attachment A* – Abbreviation and Glossary of the California Regional Water Quality Control Board – San Diego Region, Order No. R9-2014-0009, NPDES Permit No. CA0108928. For your convenience, the Spill and Transboundary Wastewater Flow Event Prevention and Response Plan *Attachment A* is the same definition document.

ROLES and RESPONSIBILITIES

1. The roles and responsibilities are clearly defined. The duly authorized individuals and/or positions having overall responsibility for the development and implementation of the Prevention/ Response Plan are listed within *Attachment D* of this Plan. The names of all key individuals, associated position titles, email addresses and telephone numbers, including management, administrative, contractor and maintenance positions, responsible for implementing specific measures and lines of authority described in the Prevention/ Response Plan are showed in *Attachment D* of this Plan.
2. The roles and responsibilities and lines of authority for the implementation of the Prevention/Response Plan with respect to CILA, SPA, CESPT, PROFEPA, CONAGUA, and SDUE, including organization chart(s) or similar document(s), to the extent that they are available, are attached in *Attachment D* of this plan.
3. Please Note: The IBWC shall request in writing this information to assist the Operator in implementing the Prevention/Response Plan. The Owner shall include a copy of the request and CILA's response to the request in the Prevention/Response Plan. If CILA refuses or does not confirm within one month, the Owner shall communicate the same to the San Diego Water Board in writing in a timely manner.

RESPONSE PLAN

1. Spills from the Facilities (Facilities Spill Event) and Transboundary Wastewater Flow Past the Canyon Collector System (Flow Event Type A).

   The Owner has an established Facility Spill and Transboundary Flow Event Response and Prevention Plan. This Plan is intended to provide appropriate documented procedure for responding to a facility spill or transboundary event from the IBWC Sewer Collection System and the SBIWTP. The standard procedure is periodically updated and the most current version is stored in the Standard Operating Procedure binders within the Operator's control room. As of the writing this Plan, the most current procedure was written on November 12, 2014 and is listed below. A complete document is stored within *Attachment H*.

Procedure - Brief Description:

Notification: Whether the overflow is within the treatment plant or at one of the drains or collectors, or pump stations, or along a gravity pipeline or force main, it is likely the person making the discovery of the overflow will be alone. Therefore, it is extremely important that the person making the discovery be capable of identifying the wastewater as a transboundary spill (or a facility spill) and notifies their immediate supervisor, or the operator in-charge at the treatment plant, of the overflow and its location. Notification is the first action that should be taken, regardless of the size, volume, cause, or corrective actions that could be taken. By communicating to other operators that a problem exists, additional support and aid can be sent to the scene. If an overflow event is not reported immediately and the operator decides to attempt to halt the overflow, the operator may become injured or incapacitated: and then the overflow may not only continue, but no-one else would know that the overflow is occurring; the aid and assistance would not be "on their way". In any emergency event, including a transboundary spill, the initial response should always be notification.

Containment: If the person discovering the transboundary spill has made their initial notification, and they believe it is safe for them to take further actions, they should make an attempt to contain the transboundary spill, or to establish a means of preventing other people from entering the area of the overflow, or containing the wastewater.

Halting Overflow: If the operator is not exposed to a hazardous situation and the overflow can be halted by turning off a pump (closing a valve or similar operator action); then the operator should take the appropriate action to halt the overflow.

Senior Operator/Manager Assume Control: Once assistance has arrived on the scene, the senior operator assumes responsibility and directs all further responses. For example, the response actions may include, but are not limited to, containment, halting overflow, maintaining control of access to the scene, estimating volume of overflow and/or flow rate, collect samples when appropriate, obtain any other assistance and/or support as needed. Access restriction and hazard warnings should be posted to inform the general of public of the hazard.

Clean up: Once the overflow has been stopped, the responsible party must develop an appropriate cleanup strategy to include the personnel assignments, equipment needed to complete the cleanup, appropriate disposal of collected material (wastewater, trash, debris, sand, etc.).

TYPE OF EVENT	RESPONSIBLE PARTY
Spill within the Facility	Operator
Outside of Facility	Owner (or Operator as requested)
Event A	Owner (or Operator as requested)

Reporting: The operator that takes control of the scene is responsible for the reporting of the overflow, unless senior management assumes the reporting responsibilities. The Transboundary Spill Reporting Plan will be followed and the appropriate verbal and written reports made as specified. A copy of the reporting procedure can be found in *Attachment H* and is available in the Operations Control Room at the SBIWTP.

2. Transboundary Wastewater Flow Event or other Spill/ Wastewater Flow Event as classified as (Flow Event Type B).

IBWC has a well-established Transboundary Response Plan. The Transboundary Response Plan is intended to provide the IBWC, and its designees, appropriate procedures for responding to a transboundary spill of Flow Event Type B.

The primary Flow Event Type B will be a dry weather flow in the Tijuana River crossing the international boundary. Normally this is a result of an outage of the CILA Pump Station, which diverts dry weather flow out of the low flow channel of the Tijuana River just upstream of the international boundary. When the flow in the river exceeds 2 cubic meters per second (measured at the Tijuana River gage operated by the USIBWC), the CILA Pump Station is not operational due to inaccessibility of screening, wet well sedimentation, and lack of flow capacity. The pump station is put back into operation when the flow drops below 2 cubic meters per second.

There may be flow at other locations along the border, such as at Yogurt Canyon. Mexico is immediately advised of the flow and requested to investigate and take measures to stop the flow.

Discharge of partially treated effluent from the SABWWTP sometimes affects water quality in the US if a south swell is predominating. Since this is an ongoing discharge it is not considered a spill Type B flow event.

Outages at Caramo Playas and Playas Pump Station will be reported if Mexico advises that there is an interruption of service. Both of these pump stations have emergency diesel power generators and can handle power failure.

Notification: Notification procedure is within *Attachment H.*

Halting Overflow: Mexico will be advised of the overflow and will be asked to take appropriate action to halt flow.

Cleanup:

TYPE OF EVENT	RESPONSIBLE PARTY
Event B	Owner (or Operator as requested)

Reporting: IBWC will be responsible for the reporting of the overflow and completing the reports.

Spills greater than 1000 gallons must be reported within 2 hours to the CAL OES. First notification of a spill should be made to California Office of Emergency Services in Sacramento. Information MUST be phoned in to the Duty Officer at 800-852-7550 and all data requested should be provided.

Within 3 days file a prelim report via email with Regional Water Quality Control Board, San Diego Office, DEH, affected municipalities, and other interested parties and within 15 days a certified report via email. The email notification list can be found within *Attachment H.*

In addition, as soon as practicable after a spill is discovered, an initial email notification is sent to the following spill notification email list and updates are sent when new information is obtained. This Spill List is housed on San Diego AOM, Civil Engineer, and Administrative Assistant Groupwise accounts. This is also an Excel file for Veolia Water Project Superintendent and updated when new information is obtained.

For Flow Event Type B only, for the Tijuana River, notice to CILA should be provided within 24 that a discharge has occurred in violation of Minute 283, and that Mexico should take steps to control the discharge immediately.

Reporting data required to be submitted is found in VI. C. 2. portion of the permit.

The permit requires the following agencies be notified:

1) CAL OES

2) Department of Environmental Health, San Diego County

3) San Diego Water Board

4) USFWS

5) California Dept of Game and Fish

6) City of Imperial Beach

7) City of San Diego

8) USEPA

9) Interested NGOs

10)Other parties

Transboundary Spill Review: Following a transboundary spill event, IBWC will investigate and assess the event to identify the items that needs to be changed to improve the response to a future transboundary spill and to prevent future transboundary spills.

INSPECTION and PREVENTIVE MAINTENANCE PROGRAM

1. Map and Flow diagrams

Map, flow diagrams, and designed capacity documentation can be found within *Attachment B* and *C* of the California Regional Water Quality Control Board – San Diego Region, Order No. R9-2014-0009, NPDES Permit No. CA0108928. For your convenience, the Spill and Transboundary Wastewater Flow Event Prevention and Response Plan *Attachments B* and *C* also contain the required map, flow diagrams and designed capacity documentation. Below is list of canyon diversions/pump stations in the US and Mexico.

USA	Mexico	Flow Destination
Stewarts Drain	Por El Puente	Gravity drain to JB-1
Silva Drain	Colonia Aleman	Gravity drain to JB-2
Canon Del Sol	Soler	Gravity drain to JB-2
Smugglers Gulch	Matadero	Gravity drain to Hollister Pump Station
Goat Canyon	Laureles	Gravity drain to Goat Canyon Pump Station (Note: Goat Canyon Pump Station discharges to the Hollister Pump Station via force main)
Hollister St Pump Station	Matadero	SBIWTP
Goat Canyon Pump Station	Laureles	SBIWTP
Mexico	**US Spill Location**	**Flow Destination**
Pump Station CILA	Tijuana River/PB 1A-B	Mexico Pump Station 1A
Pump Station 1A/1B	Stewarts Drain	Conveyance Line to San Antonio de los Buenos WWTP (SADLB)
Matadero Pump Station	Smugglers Gulch CC	Conveyance Line to SADLB
Las Laureles II	Goat Canyon CC	Conveyance Line to SADLB
Las Laureles I	Goat Canyon CC	Conveyance Line to SADLB

Pump Station Playas	Pacific Ocean	Conveyance Line to SADLB
Carcamo Playas	Pacific Ocean	Farallon Collector to Pump Station Playas

2. Preventative Maintenance and Inspections Procedures

i) Facility - Preventative Maintenance and Inspections Procedures

Introduction and Purpose: The SBIWTP Facility is manned-24 hours a day. Routine operational procedures involve periodic checks of all canyon collectors and pumping stations. As a minimum, canyon collectors and pump stations are inspected daily. Observational readings are recorded; unusual conditions are reported and addressed promptly should there be a compromise of functional performance. Similarly, the treatment systems within the IWTP are routinely and regularly inspected. Facility rounds are performed a minimum of once per shift. Key readings are taken to monitor facility performance. Operational adjustments are taken as required to optimize wastewater treatment performance. Preventative and corrective maintenance is performed to extend equipment life and ensure reliable operation. A computerized maintenance management system (currently Oracle's Water Asset Management/OWAM) is used to schedule and track preventative maintenance performed. These well-established procedures to inspect and maintain the facility allows the Dispatcher to promptly identify and resolve issues which could detrimentally impact facility operations.

Procedure - Brief Description:

Pump Stations:

Routine Preventative Maintenance:

Typical of all pump stations, routine maintenance is required of all mechanical and electrical systems. All pump station equipment including pumps, motors, electrical controls, and odor control equipment receive scheduled preventative maintenance as required by the manufacturer and contained in the Computerized Maintenance Management System (CMMS). As sand and debris can accumulate in pipelines and operating structures, regular inspection and periodic cleaning is performed. Pressure force main lines are less likely to build up sand due to the velocities of flow within these lines. Standby Generators are provided at each pump station to generate and supply emergency electrical power to the pump station should utility power be interrupted. As with other pump station equipment, the automated systems for starting the generators and transferring power as required as well as the generators themselves are routinely serviced and regularly tested. Generator maintenance is provided under a service contract with a commercial service provider specialized in emergency generator equipment maintenance. Maintenance tasks are scheduled and logged in the CMMS. Maintenance records are available for inspections at the SBIWTP.

Routine Inspections:

Daily visual inspection of all pump stations and remote monitoring at the SBIWTP ensure that operating systems are functioning properly. Adjustments are made on an as needed basis. Equipment rotation is utilized to offset extensive wear on single pieces of equipment. As appropriate, predictive maintenance equipment (vibration analysis, thermal imaging, etc.) is used to check pump station equipment with the intent to identify potential failures before they occur. The inspections are logged in the operations log book. Examples of maintenance documentation are provided in *Attachment F* of this plan (SBIWTP Maintenance Management Program).

Proper System Operation:

The SBIWTP has developed Standard Operating Procedures ("SOP") for the operation of each system in their various operating modes. The SBIWTP Operators are trained in the operation of all systems using these SOPs. Refresher training is conducted annually. SOPs are reviewed at least annually and updated as required.

Dry-Weather Event Conditions:

Any time there is a dry-weather overflow event and an overflow has occurred, the operator will complete the Preliminary Notice of Facility Spill / Transboundary Flow Event International Boundary and Water Commission Form and the California Regional Water Quality Control Board – San Diego Region – Transboundary Flow Event Form (most recently dated in November 2014). These reports will be sent to the IBWC and other agencies if relevant as per the Report Notification Procedure found within *Attachment H* using the proper name and contact information found within *Attachment D (iii).*

ii) South Bay International Wastewater Treatment Plant - Preventative Maintenance and Inspections Procedures

Routine Preventative Maintenance:

Typical of all plants, routine maintenance is required of all mechanical and electrical systems. All plant equipment including pumps, motors, electrical controls, and odor control equipment receive scheduled preventative maintenance as required by the manufacturer and contained in the Computerized Maintenance Management System (CMMS). As sand and debris can accumulate in pipelines and operating structures, regular inspection and periodic cleaning is performed. Pressure force main lines are less likely to build up sand due to the velocities of flow within these lines. Standby Generators are provided at the plant to generate and supply emergency electrical power to the pump station should utility power be interrupted. As with other plant equipment, the automated systems for starting the generators and transferring power as required as well as the generators themselves are routinely serviced and regularly tested. Generator maintenance is provided under a service contract with a commercial service provider specialized in emergency generator equipment maintenance. Maintenance tasks are

scheduled and logged in the CMMS. Maintenance records are available for inspections at the SBIWTP.

Routine Inspections:

Daily inspection of all operating systems of the SBIWTP assures that operating systems are operating properly and are placed in the proper operational mode to handle flows entering the SBIWTP (operational logs are maintained by the SBIWTP Operators and are available for inspections).

Proper System Operation:

The SBIWTP has developed Standard Operating Procedures (SOP) for the operation of the SBIWTP systems. The SBIWTP Operators are trained in the operation of all systems using the SOPs. Refresher training is conducted regularly using the SBIWTP Standard Operating Procedures.

General Housekeeping Practices:

The implementation of good housekeeping practices prevents the accumulation of trash and debris in containment areas that would diminish or interfere with the containment and cleanup of spills and overflows. Good housekeeping will also reduce the pollutant load from the SBIWTP during a storm event.

Dry-Weather Event Conditions:

Any time there is a dry-weather overflow event and an overflow occurred, the operator will complete the Preliminary Notice of Facility Spill / Transboundary Flow Event International Boundary and Water Commission Form and the California Regional Water Quality Control Board – San Diego Region – Transboundary Flow Event Form (most recently dated in November 2014).

These reports will be sent to the IBWC and other agencies if relevant as per the Report Notification Procedure found within *Attachment H* using the proper name and contact information found within *Attachment D (iii).*

iii) Canyon Collector Rounds - Preventative Maintenance and Inspections Procedures

Introduction and Purpose: The IBWC South Bay International Wastewater Treatment Plant includes five canyon collectors and drains which capture surface runoff from Mexico thus preventing the runoff from reaching the Tijuana River and other environmentally sensitive points within the surrounding environment. These collectors and drains are designed to take the dry-weather flow from Mexico. The collectors are identified as follows:

USA	Mexico	Flow Destination

Stewarts Drain	Por El Puente	Gravity drain to JB-1
Silva Drain	Colonia Aleman	Gravity drain to JB-2
Canon Del Sol	Soler	Gravity drain to JB-2
Smugglers Gulch	Matadero	Gravity drain to Hollister Pump Station
Goat Canyon	Laureles	Gravity drain to Goat Canyon Pump Station (Note: Goat Canyon Pump Station discharges to the Hollister Pump Station via force main)

The Operator has a well-established procedure for inspection of the canyon collectors. The collector/drain standard operating procedures are periodically reviewed and updated. The most current versions are provided for ready reference in the Operator's Administration Building Operations' Control Room. As of the writing of this Plan, the most current procedure was written on November 12, 2014 and is listed below. A complete document is stored within *Attachment E*. In addition, the Daily Inspection Log (which is completed with each inspection) is also attached within *Attachment E*.

Procedure - Brief Description:

Routine Preventative Maintenance:

Although the drains and collectors have no moving parts, they require considerable maintenance. The collected runoff from Mexico which flows through the channels and storm drains leading to the canyon collectors/drains can convey a significant volume of sand, trash, and debris. Runoff events can carry sufficient material to block collector/drain inlet structures. This sand and debris must be removed promptly. The interior chambers of the collectors must similarly be cleaned of sand and debris as needed. Under unusual circumstances, gravity pipelines have also been blocked by material. As required, these are cleaned to remove any restrictions. Cleaning activities are performed with Operator's owned front-end loaders, backhoes, and vacuum trucks. Facility staff includes a full time Heavy Equipment Operator responsible for these and other activities. Additional Operations and Maintenance staff provide supplementary support as needed.

Best Practice / Spill Prevention:

Operational experience has shown that the existing canyon collectors/drains performance can be enhanced to further prevent dry weather spills using relatively simple procedures. These include:

Collector/Drain Primary Sandbag Placement

Each collector and drain was constructed with a 'ramp' for use in directing wet weather overflows to drainage areas. During dry weather the transition point between paved and non-

paved portions of this ramp can be sandbagged during dry weather (roughly April 30 through November 1) to further contain potential dry weather discharges.

Collector/Drain Secondary Sandbag Placement

In the event of significant dry weather spills, flow can discharge past the primary sandbags mentioned previously. Downstream drainage zones are typically unpaved and variable. Erection of a secondary sandbag barrier can further prevent widespread spill runoff. Placement of this secondary barrier is variable depending on the topography of each collector/drain's downstream area. Practical distance between Primary and Secondary barriers is as follows:

Drain/Collector	Distance between Primary and Secondary Barriers (Note: Distances are being established)
Stewart Drain	5 feet by 60 feet
Silva Drain	15 feet by 20 feet
Canon Del Sol	50 feet by 25 feet
Smugglers Gulch	50 feet by 76 feet
Goat Canyon	40 feet by 45 feet

Routine Inspections:

Daily inspections of each canyon collector are required. Each inspection is documented by completion of the daily inspection form for that specific collector. These forms provide the following information:

- Time of Inspection:
- Is the collector/drain operational?
- Are there any indications of sewage overflow in the last 24 hours?
- Is there flow coming **currently** from Mexico?
- If Yes, How much?
- Are Flows Being Contained?
- If No, How much is bypassing the Collector?
- How much debris is on the screen to the collector?(General Condition)
- Remarks: Use this area to notate any observations that are out of the norm. Items such as condition of the collector, water quality, excessive debris, sanded in, or anything else noteworthy would go in this section.

Completed forms are filed for future reference at the SBIWTP with copies provided to the IBWC on a weekly basis. The information listed above for each of the five canyon collectors will be summarized and submitted with the monthly sDMR and eSMR reports.

Please note: Periodically, when inspecting each collector, run a pole down the vault to check for sand build-up in the vault. There needs to be adequate space between the outlet piping and the level of sand to keep the collector operational. If excessive sand is discovered, then a work order will be generated to clean the vault cleaned.

Dry-Weather Event Conditions:

Anytime there is a dry-weather overflow event and an overflow occurred, the operator will complete the Preliminary Notice of Facility Spill / Transboundary Flow Event International Boundary and Water Commission Form and the California Regional Water Quality Control Board – San Diego Region – Transboundary Flow Event Form. These reports will be sent to the IBWC and other agencies if relevant as per the Report Notification Procedure found within *Attachment H* using the proper name and contact information found within *Attachment D (iii).*

During dry weather events, facility operators will make periodic inspections of the collector and complete an inspection form for each visit. During each visit, the intake screen shall be cleaned if such work can be performed safely to prevent an overflow. If high flows or high volumes of debris are being received, additional personnel may be required to optimize collector/drain system performance.

iv) Inspections of the Tijuana River, Yogurt Canyon and associated areas.

Monitoring of the Tijuana River, Yogurt Canyon and other discharge locations during dry weather is the responsibility of the IBWC. Dry weather spill notification and reporting are done in accordance with *Attachment H* whenever spills are identified and/or reported and verified.

Introduction and Purpose: The IBWC has been charged to protect from pollution or nuisance conditions the waters of United States and/or State including the Tijuana River (main channel), Yogurt Canyon drainage, and other unnamed drainages and nearby coastal marine waters. Several of these areas are marked on the associated maps location within *Attachment B*.

Routine Preventative Maintenance:

The IBWC, or their designees, perform some periodic routine maintenance on several of areas by reducing debris and sand collections.

Routine Inspections:

The IBWC and other groups periodically inspect the Tijuana River, Yogurt Canyon and associated areas.

Dry-Weather Event Conditions:

Anytime there is a dry-weather overflow event and an overflow occurred, the IBWC, or designee, will complete the Preliminary Notice of Facility Spill / Transboundary Flow Event International Boundary and Water Commission Form and the California Regional Water Quality Control Board – San Diego Region – Transboundary Flow Event Form (most recently dated in November 2014).

These reports will be sent to appropriate agencies if relevant as per the Report Notification Procedure found within *Attachment H* using the proper name and contact information found within *Attachment D (iii).*

v) Mexico Spill Prevention Procedures

[CILA, CESPT, etc. may provide document procedures and practices they will employ to prevent and manage spills for this section.]

REHABILITATION and REPLACEMENT

Condition assessment of all SBIWTP facilities is an integral component of facility performance assurance. This assessment is conducted and updated annually. Upcoming repairs and maintenance are highlighted in the annual report that is developed. The report provides a rolling 5-year projection of likely repair and maintenance work. Factors including equipment/system criticality, results of predictive maintenance analyses, etc. are utilized to provide a priority ranking for identified work.

Once recommended repairs are reviewed, funding is pursued to perform the work. If funding limitations preclude performance of some repairs or improvements, then these projects will automatically be included in the following year's assessment.

TRAINING

The Operator ensures comprehensive response to Spill & Transboundary events through multi-level training. Initially, intensive new hire training and familiarization is performed followed by periodic refresher reviews to reinforce what has already been learned. Further details follow.

New Operations and Maintenance Staff

Upon commencement of employment, new operations and maintenance staff are trained on a wide variety of treatment processes and procedures. Included in this training is training specific to the operation of the facility's canyon collectors/drains and pump stations. A portion of this training includes:

Review of the following SOPs:

- Canyon Collector Rounds
- Spill & Transboundary Flow Event Reporting
- Spill & Transboundary Flow Event Prevention Inspection
- Canyon Collector Daily Inspection Form
- Fork-Lift Training in the event it may be needed during an event
- On site review of canyon collector/drain and pump station locations, preferred operational methodology, and operational practices and procedures
- Proper completion of inspection logs
- Review of spill notification procedures

Existing Staff

Although staff are initially trained in facility operation/spill response procedures, review and renewal of previous knowledge is essential. Documented annual review of SOPs and other written documentation is required of all staff involved in facility operations and maintenance. Routine

reports and inspection logs completed by staff are assessed to ensure that all data entered is accurate and complete.

As individual staff may desire, additional training will be repeated upon request.

SOPs and other documents are periodically reviewed and updated as necessary to ensure that these critical reference documents are up-to-date and reflect the most recent regulatory requirements. Where updates are significant, out of sequence refresher training is conducted.

FACILITY SPILL and TRANSBOUNDARY WASTEWATER SPILL CONTAINMENT and CLEANUP

1. IBWC performs investigation and assessment Investigations on Flow Event Type A's. The Owner and/or Operator provide the reports, which include volume estimations and timing. IBWC will determine the nature and impact of the event, identify the receiving waters, call for additional backup support and notify the appropriate agencies as required under section VI.C.2.d of the Order.
2. As may be determined based on the information presented in the spill incident report, Owner/Operator will commission the additional sand bags for the weirs at the drain/collectors. In addition, the Owner/Operator may use sand bags or containment barriers, alter the containment in the downstream storm drains and plug the downstream storm drains outlets to capture the spill and/or transboundary wastewater flow if possible. Lastly, the Owner/Operator may request excavation of contaminated soils as necessary to restore the environment to conditions prior to the spill.
3. IBWC coordinates the cleanup of the spill and/or transboundary wastewater flow which includes, but not limited to the following actions:
    a. Collection of the solid and liquid material and other debris;
    b. Vacuum truck recovery of wastewater or polluted water and wash down water;
    c. Cleanup of the impacted storm drains in accordance with NPDES storm water permit.
    d. As may be requested by IBWC, the Operator leads the cleanup efforts within the drain/collectors of Flow Events Type A.
    e. Should a spill occur within the treatment facility, pump stations, or other Operator managed facilities, the Operator will be wholly responsible for reporting and cleanup.
4. Investigation and cleanup of spills within Mexico shall be the responsibility of officials within Mexico. These efforts will include:
    a. [Mexico may provide information for this section]

NOTIFICATION and REPORTING

1. Documentation

The Prevention/Response Plan documentation of each event as required under section VI.C.2.d of this Order including, but not limited to, a description of the spill event and its cause; exact dates and times for when the event started, when the Responsible Party (defined below) responded, when the event stopped, when containment and cleanup occurred, the volume recovered, the volume released to the environment, notifications made, and the steps taken or planned to mitigate and prevent recurrence of the event.

TYPE OF EVENT	RESPONSIBLE PARTY
Spill within the Facility	Operator
Outside of Facility	Owner (or Operator as requested)
Event A and Event B	Owner (or Operator as requested)

The Preliminary Notice of Facility Spill / Transboundary Flow Event International Boundary and Water Commission Form report will be completed to cover these requirements. A copy of this form can be found within *Attachment G*.

2. Notification and reporting of the Facilities and Flow Event Type A

This section of the Prevention/Response Plan shall apply to Facilities and Flow Event Type A. The Operator and/or IBWC will promptly notify the appropriate parties as directed within the Facility Spill and Transboundary Flow Event reporting. Please see *Attachment H* and the contact distribution list located within *Attachment D (iii).* IBWC will regularly update the notification and reporting list (emails and phone numbers) to conduct adequate public notification to protect the public from exposure to spills and/or transboundary wastewater flows. The written notifications and reports will be provided to appropriate regulatory agencies, municipalities and other potentially affected entities to the extent required by the Order No. R9-2014-0009 NPDES CA0108928, other permits and licenses, state and Federal laws, local ordinances or as otherwise described in the Prevention/Response Plan.

3. Notification and reporting of Transboundary wastewater flows or other spills not classified as Flow Event Type A

This section of the notification and reporting Prevention/Response Plan shall apply to Flow Event Type B. These events should be reported within 24 hours of the time the Operator and/or IBWC becomes aware of the event. IBWC shall provide for notification and reporting of such events to governmental agencies, municipalities, and other organizations as described in section VI.C.2.a.ii.i) above. The event will be recorded on the reporting form, entitled California

Regional Water Quality Control Board – San Diego Region – Transboundary Flow Event Form (most recently dated in November 2014). Please see *Attachment G* for example forms.

4. If the IBWC and/or the Operator is notified of any spill event within Mexico.

   The event will be recorded on the reporting form, entitled California Regional Water Quality Control Board – San Diego Region – Transboundary Flow Event Form (most recently dated in November 2014).

   This report will be sent to the IBWC and other agencies if relevant. Please note: The Operator is not responsible for the investigation, assessment, containment, cleanup, or documentation of such events, but only for the reporting of such events for which the Operator have the responsibility.

COMMUNICATION and COORDINATION with MEXICO

IBWC will coordinate between the Operator, CILA, SPA, CESPT, the San Diego Water Board, and interested parties through regular meetings and written and/or oral communication to:

a. Develop procedures for reducing, eliminating, and preventing recurrence of Transboundary wastewater flows resulting from an emergency or unanticipated outages of wastewater infrastructure on either side of the international border;
b. Develop binational emergency response and notification procedures for loss of wastewater infrastructure capacity on either side of the international border;
c. Review existing plans, specifications and reports of key wastewater infrastructure on both sides of the international border;
d. Assist CILA and local agencies in Mexico, as requested by these entities through IBWC, in preventing, reducing, terminating, and recovering Transboundary wastewater flows;
e. Provide a framework for binational actions and cooperation in achieving the goals and desired outcomes of the Prevention/ Response Plan; and
f. Optimize use of available wastewater infrastructure capacity on both sides of the international border. This topic shall include, but is not limited to, use of an emergency connection to the City of San Diego sewage collection system, increases in available sewage collection and treatment capacity in Tijuana, and increase in wastewater flow diversion to the IWTP.

PLAN IMPLEMENTATION

1. Plan Amendment

Responses to spills within the treatment facilities caused by the Operator are fully the responsibility of the Operator. Upon request by IBWC, the Operator shall implement the plan for additional investigation and cleanup. These tasks include, conduct regular review and assessment of the Prevention/Response Plan to identify improvements and modify it was necessary to reduce, eliminate, and prevent the recurrence of spills and/or transboundary wastewater flows. The Owner shall keep the Prevention/Response Plan in an up-to-date condition and shall amend the Prevention/Response Plan whenever there is a change (e.g. in the design, construction, operation, or maintenance of the Facilities) which materially affects the potential for a spill and/or transboundary wastewater flow events; or which materially affects the response required for each event. The Owner shall include any modifications as an amendment to the Prevention/Response Plan and submit it to CIWQS within 30 days of making the amendment.

2. Posting

A copy of the most current Prevention/Response Plan shall be posted at a prominent location at or near the Facility (SBIWTP) and shall be readily available to Owner's and Operator's employees, contractors, and other representatives at all times. The Owner shall also post a publically available internet accessible copy of the most current Prevention/Response Plan on the Owner's website.

3. Recordkeeping - Log maintenance and retention of records

The Operator maintains records and documents at the facility (SBIWTP), which the Operator creates, for five years. IBWC maintains records and documents, which are created by IBWC and other agencies and documents received from the Operator, at their offices for five years. The IBWC reviews the dry events and prioritize the system deficiencies in order to devise a correction action strategy to prevent future spills.

APPENDICES

Attachment A – Definitions

Attachment B and Attachment C – Map and Flow schematics

Attachment B and Attachment C– Maps and Flow schematics from IBWC covering the Mexican Facilities

Attachment D – Roles and Responsibilities

i) Roles/responsibilities and organization chart Veolia, dated October 9, 2014

ii) Roles/responsibilities and organization chart Agencies (to be provided by Steve – IBWC)

iii) Notification organizations names of agencies and phone numbers, dated August 12, 2014

Attachment E – Canyon Collectors

i) Canyon Collector Rounds, dated November 12, 2014

ii) Daily inspection log, (not dated).

Attachment F –Maintenance Documentation

Attachment G – Event Forms

i) California Regional Water Quality Control Board – San Diego Region – Transboundary Flow Event Form, dated November 5, 2014

ii) Preliminary Notice of Facility Spill / Transboundary Flow Event International Boundary and Water Commission Form, dated November 12, 2014

Attachment H – Facility Spill and Transboundary Flow Event Reporting, dated November 12, 2014

ATTACHMENT A – Abbreviations and Glossary

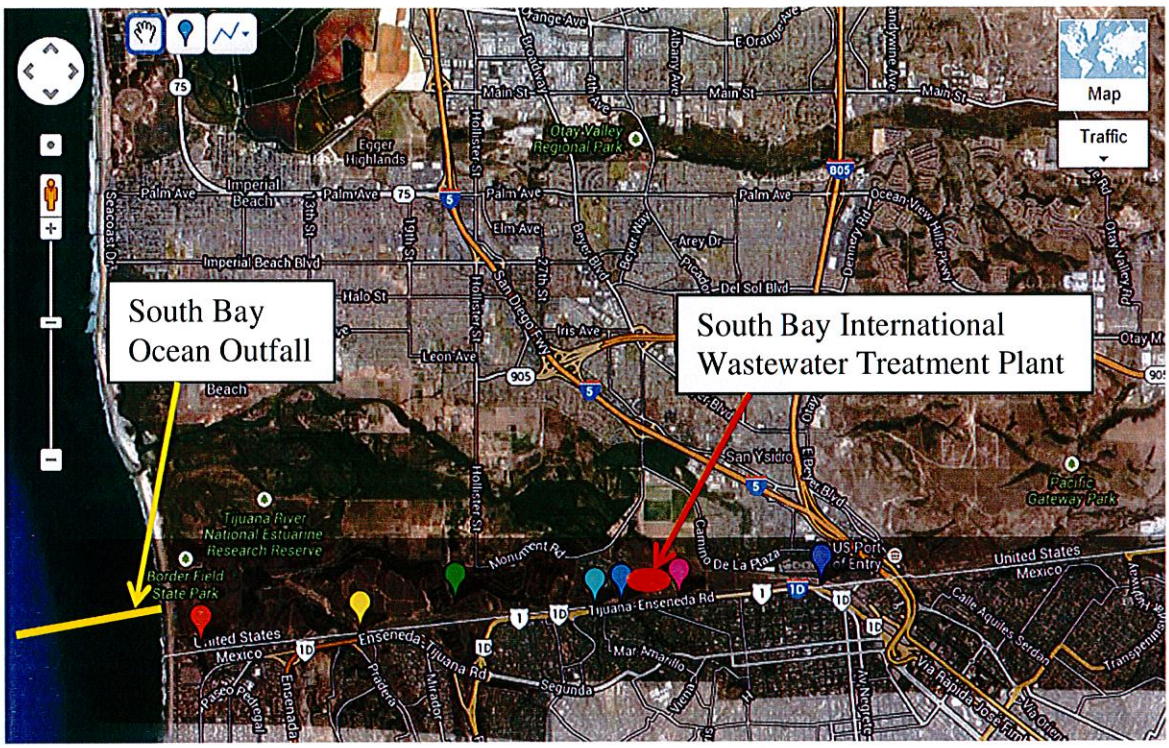
Part 1. – Abbreviations

Abbreviation	Definition
AMEL	Average Monthly Effluent Limitation
ASBS	Areas of Special Biological Significance
AWEL	Average Weekly Effluent Limitation
Basin Plan	Water Quality Control Plan for the San Diego Basin
Cal OES	California Office of Emergency Services
$CBOD_5$	Carbonaceous Biochemical Oxygen Demand (5-Day at 20°C)
CCR	California Code of Regulations
CESPT	Comisión Estatal de Servicios Públicos de Tijuana (or equivalent agency)
CFR	Code of Federal Regulations
CFU	Colony Forming Units
CILA	Comision Internacional de Límites y Aguas, Mexican Section of the International Boundary and Water Commission
CONAGUA	Comisión Nacional del Agua (or equivalent agency)
CWA	Clean Water Act
DEH	County of San Diego Department of Environmental Health
DDT	Dichlorodiphenyltrichloroethane
Dm	Initial Dilution
DNQ	Detected, but Not Quantified
GPS	Global Positioning System
HCH	Hexachlorocyclohexane
IBWC	International Boundary and Water Commission
IWTP	International Wastewater Treatment Plant
µg	Microgram
µg/L	Micrograms per Liter
lbs/day	Pounds per Day
LC	Lethal Concentration
LC 50	Percent Waste Giving 50 Percent Survival of Test Organisms
mg/L	Milligrams per Liter
ml/L	Milliliters per Liter
MDEL	Maximum Daily Effluent Limitation
MDL	Method Detection Limit
MGD	Million Gallons per Day
ML	Minimal Level
MPN	Most Probable Number
MRP	Monitoring and Reporting Program
MS4	Municipal Separate Storm Sewer System
ND	Not Detected
NR	Not Reported
NTU	Nephelometric Turbidity Unit
NPDES	National Pollutant Discharge Elimination System
NOEL	No Observed Effect Level
Ocean Plan	California Ocean Plan, Water Quality Control Plan Ocean Waters Of California

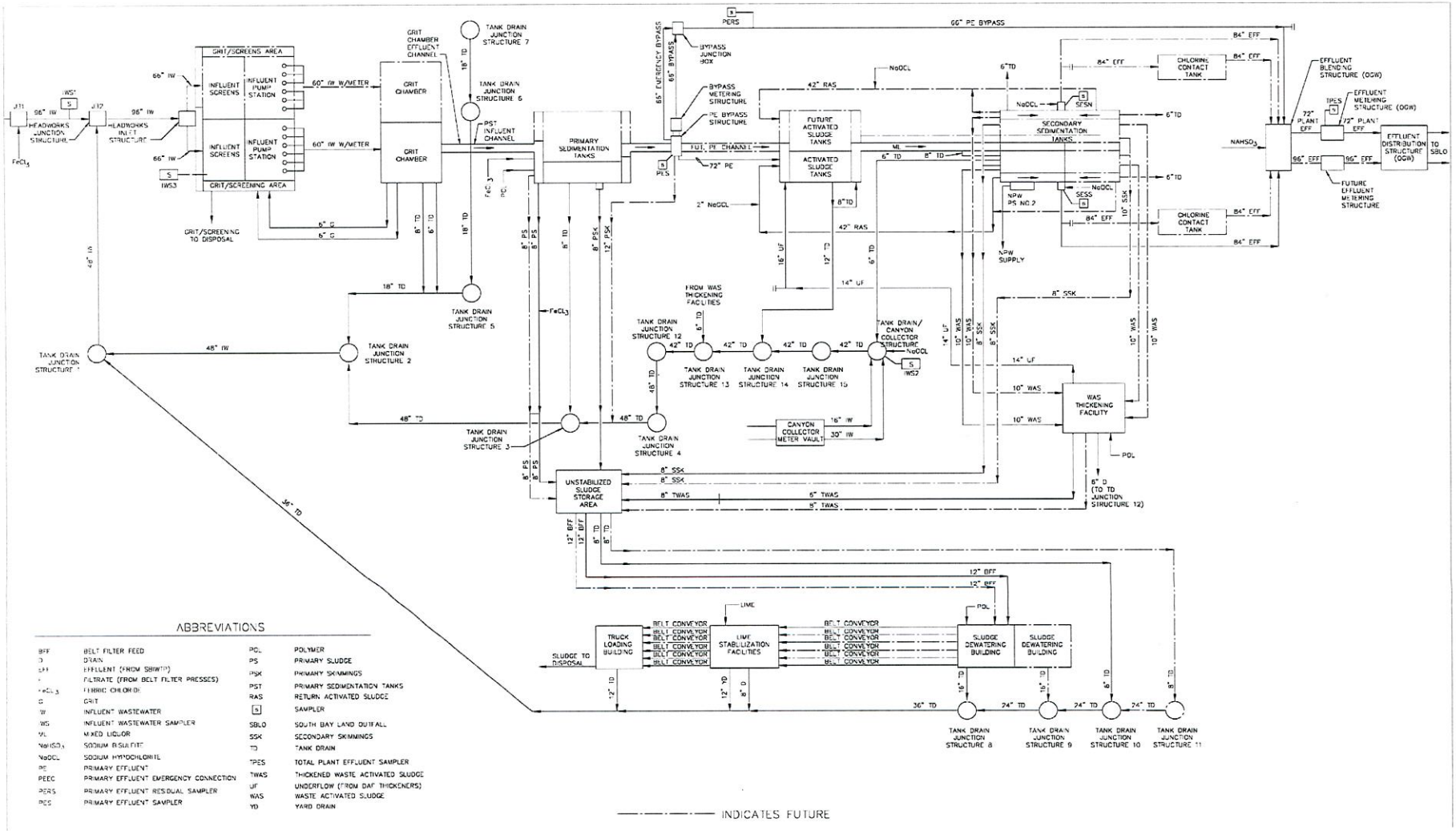
Abbreviation	Definition
PAH	Polynuclear Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PMP	Pollutant Minimization Program
Prevention/Response Plan	Spill and Transboundary Wastewater Flow Prevention and Response Plan
PROFEPA	Procuraduría Federal de Protección al Ambiente (or equivalent agency)
RL	Reporting Level
RPA	Reasonable Potential Analysis
SABWWTP	San Antonio de los Buenos Wastewater Treatment Plant
San Diego Water Board	California Regional Water Quality Control Board, San Diego Region
SBLO	South Bay Land Outfall
SBOO	South Bay Ocean Outfall
SBWRP	South Bay Water Reclamation Plant
SCCWRP	Southern California Coastal Waters Research Project
SDUE	City of Tijuana's Secretaría de Desarrollo Urbano y Ecología (or equivalent agency)
SPA	Secretaría de Protección al Ambiente (or equivalent agency)
State Water Board	State Water Resources Control Board
STLC	Soluble Threshold Limit Concentration
TIE	Toxicity Identification Evaluation
TMDL	Total Maximum Daily Load
TRE	Toxicity Reduction Evaluation
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
TUa	Toxic Units Acute
TUc	Toxic Units Chronic
USEPA	United Stated Environmental Protection Agency
USIBWC	United States Section of the International Boundary and Water Commission
U.S.	United States
WERL	USEPA Water Engineering Research Laboratory
WET	Whole Effluent Toxicity
ZID	Zone of Initial Dilution

ATTACHMENT B – MAP

Map of the South Bay International Wastewater Treatment Plant, South Bay Ocean Outfall, Tijuana River, and Tributary Canyons

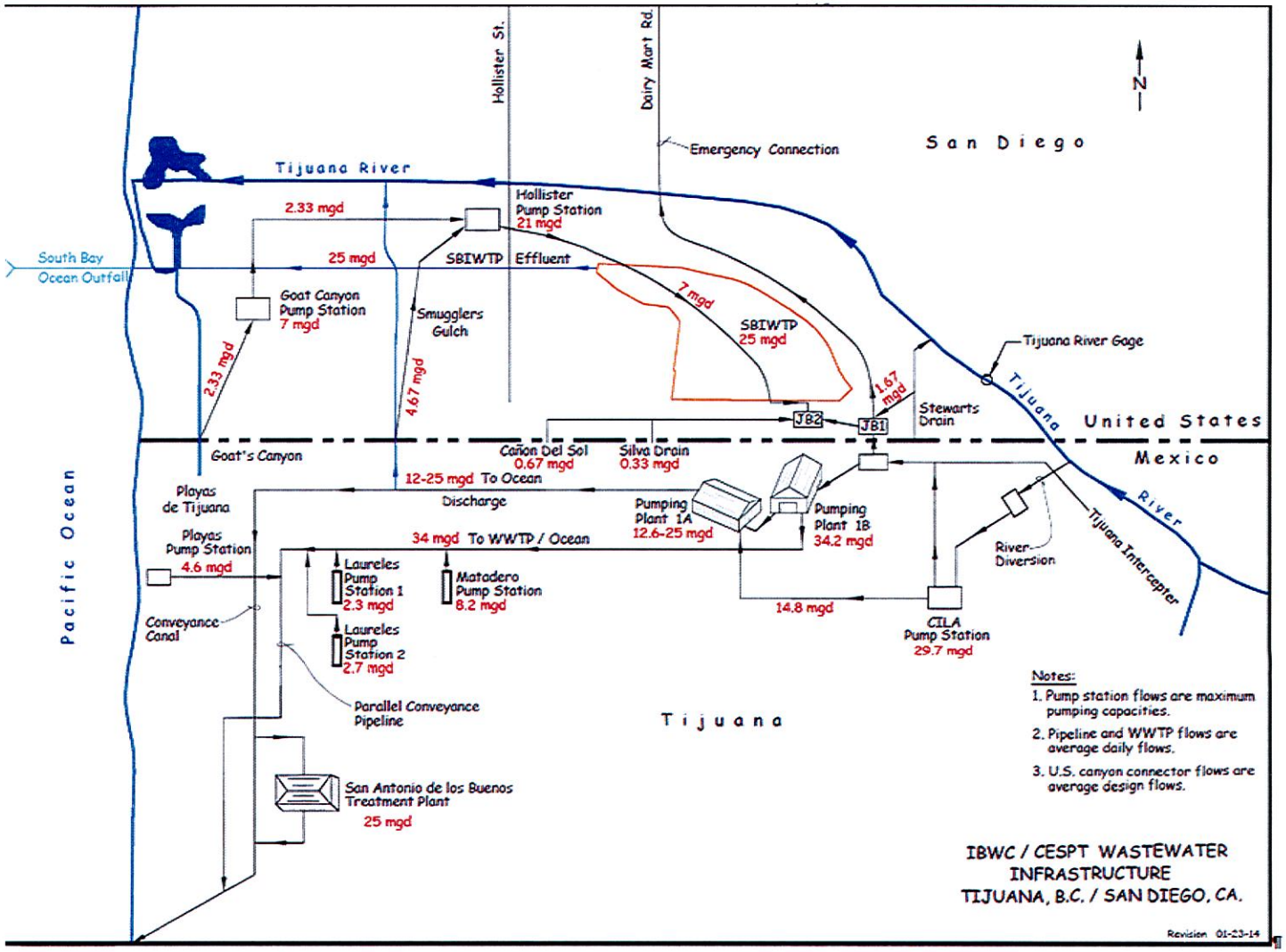


- Stewart's Drain Canyon Collector Inlet
- Canyon del Sol Collector
- Silva Drain Canyon Collector
- Smuggler's Gulch Canyon Collector
- Yogurt Canyon - no diversion structure
- Goat Canyon Collector
- Tijuana River



ABBREVIATIONS

BFF	BELT FILTER FEED
D	DRAIN
EFF	EFFLUENT (FROM SBWTP)
F	FILTRATE (FROM BELT FILTER PRESSES)
$FeCl_3$	FERRIC CHLORIDE
G	GRIT
IW	INFLUENT WASTEWATER
IWS	INFLUENT WASTEWATER SAMPLER
ML	MIXED LIQUOR
$NaHSO_3$	SODIUM BISULFITE
NaOCL	SODIUM HYPOCHLORITE
PE	PRIMARY EFFLUENT
PEEC	PRIMARY EFFLUENT EMERGENCY CONNECTION
PERS	PRIMARY EFFLUENT RESIDUAL SAMPLER
PES	PRIMARY EFFLUENT SAMPLER
POL	POLYMER
PS	PRIMARY SLUDGE
PSK	PRIMARY SKIMMINGS
PST	PRIMARY SEDIMENTATION TANKS
RAS	RETURN ACTIVATED SLUDGE
S	SAMPLER
SBLO	SOUTH BAY LAND OUTFALL
SSK	SECONDARY SKIMMINGS
TD	TANK DRAIN
TPES	TOTAL PLANT EFFLUENT SAMPLER
TWAS	THICKENED WASTE ACTIVATED SLUDGE
UF	UNDERFLOW (FROM DAF THICKENERS)
WAS	WASTE ACTIVATED SLUDGE
YD	YARD DRAIN


Hollister St.
Dairy Mart Rd.
N
Emergency Connection
San Diego
Tijuana River
2.33 mgd
Hollister
Pump Station
21 mgd
South Bay
Ocean Outfall
25 mgd
SBIWTP Effluent
7 mgd
SBIWTP
25 mgd
Goat Canyon
Pump Station
7 mgd
Smugglers
Gulch
2.33 mgd
4.67 mgd
1.67
mgd
Tijuana River Gage
Tijuana River
Stewarts
Drain
J82
J81
United States
Mexico
Goat's Canyon
Cañon Del Sol
0.67 mgd
Silva Drain
0.33 mgd
12-25 mgd To Ocean
Discharge
Playas
de Tijuana
Playas
Pump Station
4.6 mgd
Pumping
Plant 1A
12.6-25 mgd
Pumping
Plant 1B
34.2 mgd
34 mgd To WWTP / Ocean
River
Diversion
Tijuana Interceptor
Laureles
Pump
Station 1
2.3 mgd
Matadero
Pump Station
8.2 mgd
Laureles
Pump
Station 2
2.7 mgd
14.8 mgd
CILA
Pump Station
29.7 mgd
Conveyance
Canal
Pacific Ocean
Parallel Conveyance
Pipeline
Tijuana
San Antonio de los Buenos
Treatment Plant
25 mgd
Notes:
1. Pump station flows are maximum pumping capacities.
2. Pipeline and WWTP flows are average daily flows.
3. U.S. canyon connector flows are average design flows.
IBWC / CESPT WASTEWATER
INFRASTRUCTURE
TIJUANA, B.C. / SAN DIEGO, CA.
Revision 01-23-14

ATTACHMENT B – Map and ATTACHMENT C Flow Schematics from IBWC Covering the Mexican Facilities

INFORMATION OF THE MEXICO PUMP STATIONS in the VICINITY OF THE US/MEXICO BORDER IN TIJUANA

Please Note: All pump stations are manned by operators during working hours.

Pump Station Playas.

Receives wastewater from a 36" diameter influent line. There is no provision for flow measurement, screens are manually cleaned (dual channels)

Four pumps each average capacity of 125 liters per second

Average flow is 95 lps, peak flow is 135 lps.

The pump station is currently being rehabilitated, expected by the end of November 2014.

Two new pumps will be installed, all new suction and discharge/manifold piping. Two spare pumps will also be provided.

This pump station pumps through an 18” diameter force main up 85 meters in elevation to discharge either to the conveyance canal or to the closed pipe to San Antonio de los Buenos.

This pump station has an emergency diesel power generator.

Carcamo Playas.

Receives wastewater from multiple inlet lines. Pump suction piping seen in lower photo. No provision for flow measurement, manually cleaned screen.

Three pumps (Gorman Rupp Series L, self priming centrifugals, Series L) each average capacity of 25 liters per second

Average flow is 50 lps.

This pump station pumps through an 8” diameter force main into the Farallon collector which discharges into the Pump Station Playas.

This pump station has an emergency diesel power generator.

Pump Station Laureles 2

Pump Station was constructed in 2011

Gravity line influent, mechanical bar screen, Parshall flume, wet well with float level controls

Provision for four pumps, two are reserved for future expansion. There are two pumps with 66 lps capacity, average flow is about 15 lps. Only two pumps are needed for about a 2 hour peak period.

This pump station pumps through an 12” diameter force main to the west to discharge either to the conveyance canal or to the closed pipe to San Antonio de los Buenos. There is a surge tank for the force main in the event of pump shut off.

This pump station has no emergency diesel power generator. Flow can be discharged downstream to Pump Station Luareles 1 in the event of outage.

Pump Station Laureles 1

Gravity line influent, mechanical bar screen, Parshall flume, a sedimentation channel (with provision to discharge flow to Las Laureles Canyon.

Three pumps, two at 65 lps, one at 60 lps. This pump station pumps through a 16” diameter force main to the west to discharge to a junction box which controls flow to the conveyance canal and to the closed pipe to San Antonio de los Buenos.

Flow is 25 lps average, 30 lps peak

This pump station has no emergency diesel power generator.

Pump Station Matadero.

Gravity line influent, manual screen, Parshall flume.

Five pumps, each 180 lps.

Average flow = 250 lps, peak 360 lps.

This pump station discharges through a 30” diameter force main up the slope to the west and into an open tank, which then flows by gravity to the junction box at the origin of the open conveyance canal and closed pipe to San Antonio de los Buenos.

This pump station has no emergency diesel power generator.

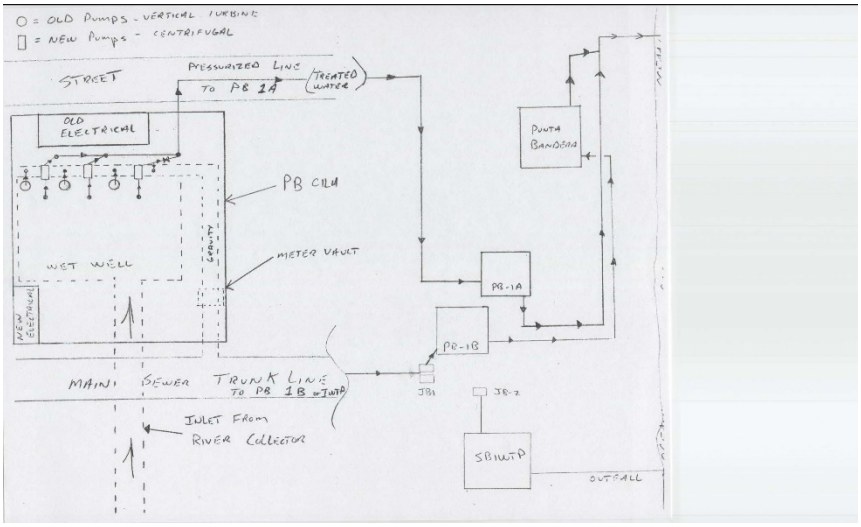
Pump Station CILA

Tijuana River diversions, gravity line influent, manual screen

Three pumps, each 500 lps, total design capacity 1500 lps.

Average flow = 450 lps.

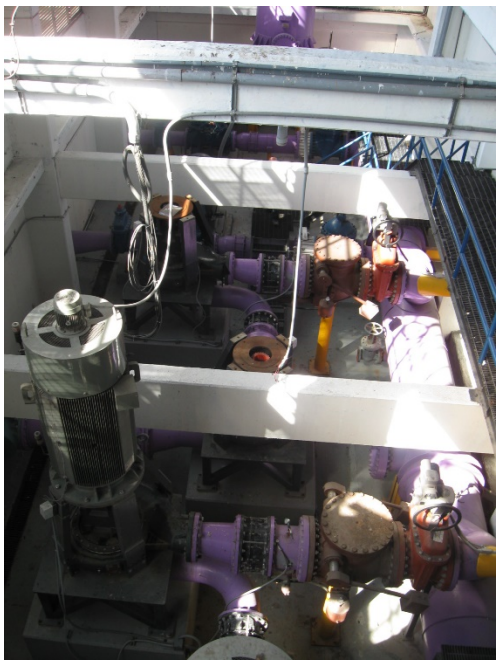
This pump station is capable of discharging either to a 72" gravity sewer collector that feeds the influent wet well of Pump Station 1B or a force main that feeds Pump Station 1A. See attached layout below. This pump station runs 24 hours a day during dry weather. An indication that this pump station is not operational is given by dry weather flow at the Tijuana River gage. If there is flow at this gage in the absence of rainfall in the watershed, it means that the CILA Pump Station in Mexico, which diverts flow out of the low flow channel of the Tijuana River, is not operational. See operations under SBIWTP for actions required by spills. The target flow for non operation of the pump station is 1000 lps and above. When the river flow upstream of the pump station is below the target flow of 1000 lps, the pump station is operational. When the flow exceeds that value, the pump station is shut off by CESPT due to inaccessibility, clogged inlet screens and siltation. The CESPT is responsible for operation of the pump station, and communication with them must be coordinated through the Mexican Section.



This pump station has an emergency diesel power generator.

Pump Station 1 A

Reclaimed water received from PB CILA through a 107 cm pipe. Pump Station 1a is only operated 12 hours a day as it has a greater pumping capacity (550 lps) than PB CILA (450lps) from which it receives flow. Pump station has 1 “train” – 2 pumps in series, for a total of 500 lps. (12 hours only)



Pump wet well has an overflow into a larger tank at a lower elevation. Any overflow is re- elevated with two screw pumps to the wet well.

There is no measurement, screening, or emergency power generation for this pump station. Discharge is through a 48" force main.

Pump Station 1B

Untreated wastewater pump station. Influent through main 72" diameter Tijuana collector. Influent screen, no measurement, sedimentation channel.

Five trains with 2 pumps each in series, each train has a 500 lps capacity, only two trains typically functional, there are three trains total, for a total of 1500 lps. Normally one train is run at night and two during the day. Static pressure = 195 psi. Large Surge tank.

Discharge through a 60” diameter force main. 

Mexico Pump Stations Capacity Information

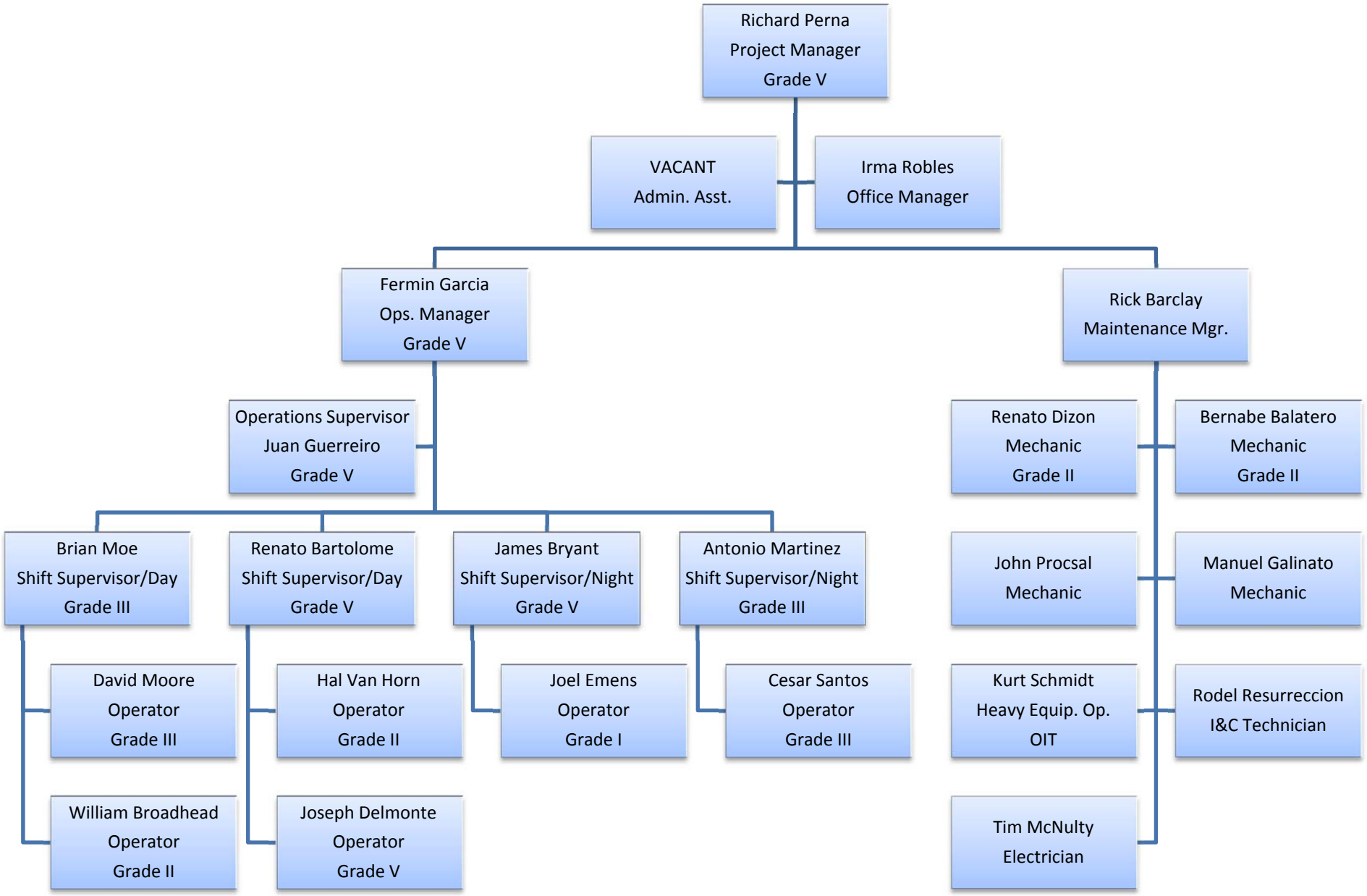
VOLÚMENES MANEJADOS EN LITROS POR SEGUNDO.			
PLANTAS / BOMBEO	**PROMEDIO MÁXIMO A BOMBEAR**	**PROMEDIO MENSUAL**	**DISEÑO**
PB-CILA	1300	650.24	1500
PB-1A	550	228.5	1100
PB-1B	1500	1118.4	2000
PB -EL MATADERO	360	221.54	720
PB- LAURELES 1	100	26.75	260
PB-LAURELES 2	120	14.83	240
CARCAMO PLAYAS DE TIJUANA	85	54.17	100
PB - PLAYAS DE TIJUANA	200	98.35	240

* PB 1 A : MAXIMO A BOMBEAR ACTUALMENTE 550 POR SOLO HABER UN TREN INSTALADO DE EQUIPOS AL HABER DOS : 1000 LTS

*PB CILA : POR ACUERDO DE CILA, SE OPERA CUANDO LOS FLUJOS ESTAN POR DEBAJO DE LOS 1,000 LPS.

Attachment D(i) - Veolia IBWC Organization Chart

As of 12/22/2014



Attachment D (ii) - Spill Plan Roles and Responsibilities

ROLE	RESPONSIBLE PARTY	DESIGNATED INDIVIDUAL(S) TITLE	EMAIL ADDRESS(ES)	TELEPHONE NUMBER(S)
Overall Spill Plan Ownership	IBWC	Steve Smullen, Area Manager	steve.smullen@veolia.com	619-662-7600
Coordinating Agencies	CILA CESPT	Names?		
Infrastructure Owner – US	IBWC	Steve Smullen, Area Manager Dawi Dakhil, Civil Engineer	steve.smullen@veolia.com dawi.dakhil@veolia.com	619-662-7600
Infrastructure Owner – Mexico	CESPT	Names?		
Canyon Collectors, Pumping Stations, Treatment Facility Manager	Veolia	Richard Perna, Plant Superintendent	richard.perna@veolia.com	619-662-7687
Canyon Collectors, Pumping Stations, Treatment Facility Manager – Routine O&M Inspection/Oversight	Veolia	Fermin Garcia, Operations Supervisor	fermin.garcia@veolia.com	619-662-7687
Canyon Collectors, Pumping Stations, Routine Inspection and Maintenance	Veolia	Kurt Schmidt, Heavy Equipment Operator Designated Wastewater Operator	kurt.schmidt@veolia.com Various Operations Staff	619-662-7687
Spill Response Reporting – Lead Organization	Veolia	Richard Perna, Plant Superintendent Fermin Garcia, Operations Supervisor	richard.perna@veolia.com fermin.garcia@veolia.com	619-662-7687
Spill Response Action Agencies	IBWC CILA CESPT	Steve Smullen, Area Manager Dawi Dakhil, Civil Engineer Names?	steve.smullen@veolia.com dawi.dakhil@veolia.com	

ATTACHMENT D(iii)

Notification Organizations Names of Agencies and Phone Numbers

Date: November 12, 2014

South Bay International Wastewater Treatment Plant (SBIWTP)
International Boundary and Water Commission (IBWC)

NPDES Permit #CA0108928
California Regional Water Quality Control Board Order # R9-2014-0009

Address: 2995 Clearwater Way
San Diego, CA 92154

Contract Operator: Veolia Water North America – West, LLC.

Project Manager: Richard Perna
Address: PO Box 430239
San Diego, CA 92143

Office: 619-662-7687
FAX: 619-662-7692

Spill & Transboundary Flow Event Notification and Reporting Requirements

Notify your immediate supervisor (verbally) upon detection of a Facility Spill, a Transboundary Flow Event A or a Transboundary Flow Event B, be sure to note the time the event was initially detected and the time the supervisor was notified. If you are unable to verbally contact your supervisor utilize the chain of command until a supervisor or manager has been verbally contacted.

In the event no supervisor or manager is verbally contacted within the two (2) hour time frame, proceed to notify Cal OES

Reporting - Category 1 & Category 2 Spills	
Verbal Notification – Preliminary Notice- Control Number-	
California Office of Emergency Services Contact - Officer in Charge	Phone - (800) 852-7550 Fax - (916) 262-1677
Verbal followed by Fax Notification – Preliminary Notice, followed with Fax submittal of Report.	
IBWC Dawi Dakhil	Phone- (619) 662-7600 Fax - (619) 662-7607
Surface Water Unit, California Regional Water Quality Control Board Vincente Rodriguez	Phone (858) 627-3940 Fax (858) 571-6972
Department of Environmental Heath, County of San Diego Mark McPherson	Phone - (858) 495-5572 Fax - (858) 694-3670
City of San Diego Robert Mulvey	Phone – (858) 292-6418 RMulvey@sandiego.gov
City of Coronado Contact – Mark Ochenduszko	Phone – (619) 522-7335 Fax – (619) 522-7846
City of Imperial Beach Contact-Hank Levien	Phone – (619) 423-8311 Fax – (619) 429-4861

eMail Notification – Send a copy of the reports to the following individuals and agencies	
Aaron Allen	aaronma423@gmail.com
Gilbert Anaya	Gilbert.Anaya@ibwc.gov
Andy Hall	ahall@imperialbeachca.gov
Antonio Flores	ANTONIO.F.FLORES@CBP.DHS.GOV
Art Ayala	aayala@cityofib.org
Ernesto Molas	EMolas@sandiego.gov

Yidelwo Asbu	Yidelwo.Asbu@sdcounty.ca.gov
Brian Collins	bcollins@fws.gov
Bill Kratz	Bill_Kratz@feinstein.senate.gov
Blair King	mclifford@coronado.ca.us
Brian Kelly	BRIAN.P.KELLY@CBP.DHS.GOV
Chris Helmer	CHelmer@CityofIB.org
Chris Means	cmeans@waterboards.ca.gov
Christopher Young	CHRISTOPHER.A.YOUNG@CBP.DHS.GOV
Chris Peregrine	cpere@parks.ca.gov
Dan Murphy	dan@surfridersd.org
Daniel Hovorka	Daniel.Hovorka@Parks.ca.gov
Danielle Murphy	dmurphy@trnerr.org
Doug Liden	liden.douglas@epa.gov
Ed Drusina	edrusina@ibwc.gov
Ewan Moffatt	Ewan.moffat@sdcounty.ca.gov
Greg Wade	GWade@CityofIB.org
Gregory Bovino	GREGORY.K.BOVINO@CBP.DHS.GOV
Gui Nelson	gnelson@cityofib.org
Haley Jain Haggerstone	haley@surfridersd.org
Hank Levien	hlevien@cityofib.org
Holly Bellringer	hbellringer@trnerr.org
IBC Manager	ibcmanager@cityofib.org
Janine Zuniga	jzuniga@coronado.ca.us
Jason Lindquist	jlindquist@cityofib.org
Jeff Crooks	jcrooks@trnerr.org
Jo Brooks	BrooksJ4@gmail.com
Joann Lim	Joann.Lim@Waterboards.ca.gov
John Holder	john@wildcoast.net
Jonathan Irwin	Jonathan.Irwin@parks.ca.gov
Julia Chunn	julia@surfridersd.org

Julio Lorda	jlorda@trnerr.org
Justin McCullough	jmccullough@trnerr.org
Keith Kezer	Keith.Kezer@sdcounty.ca.gov
Kurt Roblek	Kurt_Roblek@fws.gov
Larry Duke	Larry.Duke@sdcounty.ca.gov
Mark McPherson	Mark.McPherson@sdcounty.ca.gov
Mark West	mark_west@me.com
Michelle Cordrey	mcordrey@trnerr.org
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REGULATORY AGENCIES

Surface Water Unit, California Regional Water Quality Control Board

Contact - Vincente Rodriguez Phone -(858) 627-3940 Fax - (858) 571-6972

Regional Administrator, U.S. Environmental Protection Agency

Contact - Phone - (415) 744-2125

Regulatory Unit, Division of Water Quality, State Water Resources Control Board

Contact - Phone - (916) 227-4449 Fax - (916) 227-4349

Department of Environmental Heath, County of San Diego

Contact - Mark McPherson Phone - (858) 495-5572 Fax - (858) 694-3670

California Office of Emergency Services

Contact - Officer in Charge Phone - (800) 852-7550 Fax - (916) 262-1677

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Contact - Robert Mulvey Phone – (858) 292-6418 RMulvey@sandiego.gov

City of Coronado

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Contact- Hank Levien Phone – (619) 423-8311 Fax – (619) 429-4861

ATTACHMENT E(i)

STANDARD OPERATING PROCEDURE

VEOLIA WATER NORTH AMERICA

South Bay International WTP

Canyon Collector Rounds

Date: August 4, 2010
Revised: November 12, 2014
Author: Veolia Staff

Introduction and Purpose: This SOP is part of the Facility Spill and Transboundary Plan required by the NPDES Order No. R9-2014-0009, NPDES Permit No. CA0108928.

IBWC is referred to as the Discharger and Veolia is referred to as the Operator.

Definitions:

a) Spill from the Facilities (**Facilities Spill Event**). A discharge of treated or untreated wastewater or other material to the environment that occurs from the Discharger's Facilities, including, but not limited to, the entire wastewater conveyance, storage, treatment, and disposal system (wastewater system) that is owned and operated by the Discharger/ Operator. The wastewater system includes all devices and system components used such as pipes, pump stations, force mains, Junction Box 1, Junction Box 2, the five canyon collector systems, the treatment works, South Bay Land Outfall (SBLO), and South Bay Ocean Outfall (SBOO).

b) Transboundary Wastewater Flow Past the Canyon Collector System (**Flow Event Type A**). A dry weather transboundary treated or untreated wastewater or other flow through a conveyance structure owned and operated by the United States Government into Smuggler Gulch, Goat Canyon, Canyon del Sol, Stewart's Drain, or Silva Drain and not diverted into the canyon collector system for treatment at the Facility.

c) Transboundary Wastewater Flow Event or Other Spill/Wastewater Flow Event in Mexico **(Flow Event Type B)**. A dry weather spill or dry weather transboundary wastewater or other flow (not categorized in other Event Types above) that creates, or threatens to create, pollution or nuisance conditions in waters of the United States and/or State including the Tijuana River (main channel), Yogurt Canyon drainage, other unnamed drainages and nearby coastal marine waters. These spills or transboundary flows include, but are not limited to the following:

1. A dry weather transboundary treated or untreated wastewater flow in waters of the Tijuana River (main channel) as described in Commitment No. 16 of IBWC Minute No.

283 (Conceptual Plan for the International Solution to the Border Sanitation Problem in San Diego, California/Tijuana, Baja California, July 2, 1990).

2. A dry weather transboundary treated or untreated wastewater flow through a conveyance structure owned and operated by the United States Government into Yogurt Canyon.
3. Spills or wastewater flows occurring in Mexico that the Discharger has knowledge of.

The IBWC South Bay International Wastewater Treatment Plant has a series of 5 Canyon Collectors, which capture flows, preventing them from reaching the Tijuana River. These collectors are designed to take all of the Dry Weather Flow from Mexico at each facility. During rain events, our goal is to capture the first hour of flow to minimize pollutants from entering the Tijuana River. The thought behind this is that most all of the pollutants will be washed / diluted with the rainwater during the first hour. The collectors are identified as follows:

USA	**Mexico**	**Flow Destination**
Stewarts Drain	Por El Puente	Gravity drain to JB-1
Silva Drain	Colonia Aleman	Gravity drain to JB-2
Canyon Del Sol	Soler	Gravity drain to JB-2
Smugglers Gultch	Matadero	Gravity drain to Hollister Lift Station
Goat Canyon	Laureles	Gravity drain to Goat Canyon Lift Station

Procedure:

Note the attached CANYON COLLECTOR DAILY INSPECTION form. Fill out the top section with your name, the date, and the weather condition at the time of inspection.

For each collector visited, complete the form for that specific collector as follows:

- Time of Inspection: record the time you arrive to the collector; check either **AM** or **PM**
- Is the Collector Operational? ; check **YES** IF the entire collector is operational, which includes the area outside of the intake vault, the condition of the screen, and the interior of the vault. check **NO** if the vault is sanded in, the screen is completely plugged, the area outside the collector is full of debris which prohibits the flow from entering the vault.
- Are there any indications of sewage overflow in the last 24 hrs? check **YES** if there are signs of overflow and record your observations in the REMARKS section. Overflow is when any flow leaves the collector site and travels down the pathway leading to the TJ River. check **NO** if there are no obvious signs.
- Is flow coming from Mexico **NOW?** check **YES** if ANY flow is coming from Mexico; check **NO** if there is not. If **NO** is checked, then proceed to the "How much debris is on the collector" area.
- If Yes, How much? to calculate the flow, pick an area that accounts for all of the flow and measure the width in feet, the depth in feet (each ¼" = 0.021 ft; each 1" = 0.083 ft) and measure the velocity in feet per second (this can be accomplished with a radar gun or by timing a floatable object) Now multiply and record the CFS result. Example:
    - a flow of 2 feet per second that is 2 feet wide and ~ ½" deep
    - 2ft/s x 2ft x .042ft = 0.168 CFS (multiply this by 1.547 MGD / CFS will give you gallons in MGD)

- Are Flows Being Contained? check **YES** if ALL of the flow is being contained, with zero overflowing. check **NO** if ANY of the flow is overflowing.
- If No, How much is bypassing the Collector? to calculate this number, measure the amount of flow going over the overflow, the same way you calculated the flow from Mexico.
- How much debris is on the screen to the collector? General Condition"
    - None: the screen is clean and free of all debris
    - Light: the screen has some debris on it, but does not restrict any flow
    - Moderate: the screen has debris on it; should probably be cleaned soon
    - Heavy: the screen must be cleaned immediately
    - Completely Covered or Sanded in: remove the debris. if sanded in, so note it in the remarks.
- Remarks: Use this area to notate any observations that are out of the norm. Items such as condition of the collector, water quality, excessive debris, sanded in, or anything else noteworthy would go in this section.

When inspecting each collector, take the time and open the hatches to the vaults and run a pole down the vault to check for sand build-up in the vault. There needs to be adequate space between the outlet piping and the level of sand to keep the collector operational. If excessive sand is discovered, put in a work order to have the vault cleaned out. (*At the time of this publication, there is no data on each vault regarding depths to floor, depths to outlet piping, etc. This data will be gathered and placed into this SOP when available.)*

Make sure that the form is completed each day. These forms are to be turned in to the IBWC once per week. Make a copy of these forms and place the copies in the appropriate folder.

Emergency Conditions:

Any time there is a rain event, or if we are taking on flow which is out of the norm, we must complete an additional Canyon Collector Daily Inspection Form for the affected collector. This will be in addition to the normal daily inspection rounds.

Example:
An operator makes the Collector Rounds at 08:00. At approx, 09:00, the inspection rounds have been completed. 13:00 we receive a call from Mexico stating that they are having a problem, and will be sending flow to Goat Canyon. The operator shall then take another daily inspection form out to the Goat Canyon collector and record their findings.

If we are taking flow during dry weather conditions, the operator shall make hourly trips out to the collector and complete an inspection form for each visit. During each visit, the intake screen shall be cleaned to prevent any overflow. If high flows or high amounts of debris are being experienced, it may require a call out for additional assistance.

Attachment E(ii) - CANYON COLLECTOR DAILY INSPECTION

Inspector's Name:_____ Today's Date:_____
Weather Condition during the inspection:_____

GOAT CANYON
Time of Inspection:_____ **AM [ ] PM [ ]** Is the Collector Operational? **YES [ ] NO [ ]**
Are there any indications of sewage overflow. **YES [ ] NO [ ]**
Is flow coming from Mexico **NOW?**: **YES [ ] NO [ ]** If Yes, How much? _____CFS
Are Flows Being Contained? YES [ ] NO [ ] If No, How much Overflow is bypassing Collector? _____CFS
How much debris is on the Screen to the collector?, General Condition:
[ ] NONE [ ] Light [ ] Moderate [ ] Heavy [ ] Completely Covered or Sanded In
Remarks:

SMUGGLER'S GULCH
Time of Inspection:_____ **AM [ ] PM [ ]** Is the Collector Operational? **YES [ ] NO [ ]**
Are there any indications of sewage overflow. **YES [ ] NO [ ]**
Is flow coming from Mexico **NOW?**: **YES [ ] NO [ ]** If Yes, How much? _____CFS
Are Flows Being Contained? YES [ ] NO [ ] If No, How much Overflow is bypassing Collector? _____CFS
How much debris is on the Screen to the collector?, General Condition:
[ ] NONE [ ] Light [ ] Moderate [ ] Heavy [ ] Completely Covered or Sanded In
Remarks:

DEL SOL
Time of Inspection:_____ **AM [ ] PM [ ]** Is the Collector Operational? **YES [ ] NO [ ]**
Are there any indications of sewage overflow. **YES [ ] NO [ ]**
Is flow coming from Mexico **NOW?**: **YES [ ] NO [ ]** If Yes, How much? _____CFS
Are Flows Being Contained? YES [ ] NO [ ] If No, How much Overflow is bypassing Collector? _____CFS
How much debris is on the Screen to the collector?, General Condition:
[ ] NONE [ ] Light [ ] Moderate [ ] Heavy [ ] Completely Covered or Sanded In
Remarks:

SILVA DRAIN
Time of Inspection:_____ **AM [ ] PM [ ]** Is the Collector Operational? **YES [ ] NO [ ]**
Are there any indications of sewage overflow. **YES [ ] NO [ ]**
Is flow coming from Mexico **NOW?**: **YES [ ] NO [ ]** If Yes, How much? _____CFS
Are Flows Being Contained? YES [ ] NO [ ] If No, How much Overflow is bypassing Collector? _____CFS
How much debris is on the Screen to the collector?, General Condition:
[ ] NONE [ ] Light [ ] Moderate [ ] Heavy [ ] Completely Covered or Sanded In
Remarks:

STEWART'S DRAIN
Time of Inspection:_____ **AM [ ] PM [ ]** Is the Collector Operational? **YES [ ] NO [ ]**
Are there any indications of sewage overflow. **YES [ ] NO [ ]**
Is flow coming from Mexico **NOW?**: **YES [ ] NO [ ]** If Yes, How much? _____CFS
Are Flows Being Contained? YES [ ] NO [ ] If No, How much Overflow is bypassing Collector? _____CFS
How much debris is on the Screen to the collector?, General Condition:
[ ] NONE [ ] Light [ ] Moderate [ ] Heavy [ ] Completely Covered or Sanded In
Remarks:

Attachment F

WORK ORDER REPORT

11/20/14 16:40

Work Type: PM
Priority: 0
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Monthly Lift Station Surge Tank Inspection

Work Order
1401615

Task
01

Asset: F / ASSET_LIST - Asset List: Temp holding place for Asset List Cost Distribution

[ ] Asset:	0000000045	TANK 1, SURGE, GCPS 04108-SA1	Split 25
[ ] Asset:	0000000046	TANK 2, SURGE, GCPS 04109-SA2	Split 25
[ ] Asset:	0000000097	TANK 1, SURGE, HPS 04308-SA1	Split 25
[ ] Asset:	0000000098	TANK 2, SURGE, HPS 04309-SA2	Split 25

Task Note Type	Notes
TASK_INST	[ ] Inspect For Correct Liquid Level - Clean Level Probe Sensor Well [ ] Exercise All Manual Valves [ ] Check Tank, Blowoffs And Vacuum Relief Valves For Leaks - Repair [ ] Drain Surge Tank Using Bottom Valve - Keep Sludge From Accumulating

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____

Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Synergen Associates, Inc.
Report c_usf044 v 17153-1

Attachment F

WORK ORDER REPORT

11/20/14 16:44

Work Type: PM
Priority: 20
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Monthly Standby Generator Inspection (In House)

Work Order 1401636

Task 01

Asset: E / 0000000069 - GENERATOR, STANDBY, HPS 04312-HPS-GEN
Alias: 04312-HPS-GEN
Bldg: HOLLISTER - Hollister Pump Station Loc HOLLISTER Pos:

Task Note Type	Notes
TASK_INST	Maintenance Staff To Perform In House For Lift Station Generators: [ ] Inspect Fuel Tank And Level Switch Operate Properly - Document Tank Levels [ ] Grab Oil Analysis Sample [ ] Inspect Fan Belts And Hoses For Wear [ ] Check Battery Charger Operates Properly - Service Battery If Needed [ ] Inspect And Clean Battery Terminals Of All Corrosion [ ] Check Air Filters - Replace If Needed [ ] Inspect And Repair All Exhaust Leaks [ ] Check Engine Jacket Heater Operates Properly US Filter To Perform: [ ] Run Generator Under Load - Run For 30 Minutes

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				
MAINT	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Attachment F

WORK ORDER REPORT

11/20/14 16:45

Work Type: PM
Priority: 12
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Quarterly Calibration of PH and ORP Meters

Work Order 1401597

Task 01

Asset: E / 0000000081 - METER, PH, HPS 04313-PH-HPS
Alias: 04313-PH-HPS
Bldg: HOLLISTER - Hollister Pump Station
Loc HOLLISTER
Pos:

Task Note Type	Notes
TASK_INST	[ ] Perform Calibration Of Meter - Document Calibration Results [ ] Clean Probe Assembly

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				
INST	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Attachment F

WORK ORDER REPORT

11/20/14 16:46

Work Type: PM
Priority: 20
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Annual Compressor Inspection

Work Order 1401599

Task 01

Asset: E / 0000000095 - COMPRESSOR, AIR, ARRESTOR, SURGE, HPS 04310-AC1
Alias: 04310-AC1
Bldg: HOLLISTER - Hollister Pump Station Loc HOLLISTER Pos:

Task Note Type	Notes
TASK_INST	[ ] Change Mufflers (If Applicable) [ ] Check Sheaves And Belts For Wear And Deterioration - Replace If Needed [ ] Measure Span Between Sheaves (Belt Deflection Should Be Approximately 1/64" Per Inch Of Span) [ ] Check Belt Tension - Adjust If Needed [ ] Grease Motor (Shell Dolium R) Unless Motor Is Bearings Are Sealed. [ ] Test Safety Relief Valves-Replace If Failed [ ] Change Oil In Compressors (Atlas Copco Oil) [ ] Inspect Air Receivers For Carbon Deposits - Clean Or Replace As Needed

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Attachment F

WORK ORDER REPORT

11/20/14 16:47

Work Type: PM
Priority: 12
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Quarterly Calibration of PH and ORP Meters

Work Order
1401628

Task
01

Asset: E / 0000000080 - METER, ORP, HPS 04313-ORP-HPS
Alias: 04313-ORP-HPS
Bldg: HOLLISTER - Hollister Pump Station
Loc HOLLISTER
Pos:

Task Note Type	Notes
TASK_INST	[ ] Perform Calibration Of Meter - Document Calibration Results [ ] Clean Probe Assembly

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				
INST	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Attachment F

WORK ORDER REPORT

11/20/14 16:49

Work Type: PM
Priority: 20
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Annual Compressor Inspection

Work Order
1401664

Task
01

Asset: E / 0000000095 - COMPRESSOR, AIR, ARRESTOR, SURGE, HPS 04310-AC1
Alias: 04310-AC1
Bldg: HOLLISTER - Hollister Pump Station
Loc HOLLISTER
Pos:

Task Note Type	Notes
TASK_INST	[ ] Change Mufflers (If Applicable) [ ] Check Sheaves And Belts For Wear And Deterioration - Replace If Needed [ ] Measure Span Between Sheaves (Belt Deflection Should Be Approximately 1/64" Per Inch Of Span) [ ] Check Belt Tension - Adjust If Needed [ ] Grease Motor (Shell Dolium R) Unless Motor Is Bearings Are Sealed. [ ] Test Safety Relief Valves-Replace If Failed [ ] Change Oil In Compressors (Atlas Copco Oil) [ ] Inspect Air Receivers For Carbon Deposits - Clean Or Replace As Needed

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Synergen Associates, Inc.
Report c_usf044 v 17153-1

Attachment F

WORK ORDER REPORT

11/20/14 17:01

Work Type: PM
Priority: 0
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Monthly Bubbler Inspection

Work Order 1401691

Task 01

Asset: F / ASSET_LIST - Asset List: Temp holding place for Asset List Cost Distribution

[ ] Asset: 0000000034	PANEL, CONTROL, BUBBLER, GCPS 04102-BCP-GCPS	Split 33.3
[ ] Asset: 0000000084	PANEL, CONTROL, BUBBLER, HPS 04302-BCP-HPS	Split 33.3
[ ] Asset: 0000000603	PANEL, BUBBLER, STRUCTURE, ANTI-INTRUSION 01541-AIS-BUBBLER	Split 33.3

Task Note Type	Notes
TASK_INST	[ ] Drain Condensation From Reservoir Tank And Filter / Regulator assembly. [ ] Perform Manual Purge Cycle, By Pressing Button On Front Pannel. [ ] Close Air Valve To Vault, Remove Pipe Plug And Install Hose Bib. [ ] Connect Hose And Flush Balance Pipe For 5 Minutes. [ ] Remove Hose Bib, Install Plug And Open Air Valve. [ ] Repeat For Second Vault. [ ] Verify Bubbler Operation. Troubleshoot and replace defective components if compressor runs continuously. [ ] Check And Clear Codes From PLC

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				
MAINT	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____

Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Synergen Associates, Inc.
Report c_usf044 v 17153-1

Attachment F

WORK ORDER REPORT

11/20/14 17:03

Work Type: PM
Priority: 0
Est. Start Date:
Deficiency Tag:
Required: 06-NOV-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Weekly canyon Collector, Liftstation, and Influent system cleanup. Accomplish weekly and/or after rain event.

Work Order 1401742

Task 01

Asset: F /ASSET_LIST - Asset List: Temp holding place for Asset List Cost Distribution

[ ]Asset: 0000000618	GROUNDS, PLANT (GENERAL) 00000-GRNDS-BLDG	Split 12.5
[ ]Asset: 0000001596	COLLECTOR, CANYON, DEL SOL 00012-CYN-DELSOL	Split 12.5
[ ]Asset: 0000001597	COLLECTOR, CANYON, GOAT 00014-CYN-GOAT	Split 12.5
[ ]Asset: 0000001598	COLLECTOR, CANYON, SILVA DRAIN 00011-CYN-SILVA	Split 12.5
[ ]Asset: 0000001599	COLLECTOR, CANYON, SMUGGLER'S GULCH 00013-CYN-SMUGGLERS	Split 12.5
[ ]Asset: 0000001600	COLLECTOR, CANYON, STEWARTS DRAIN 00010-CYN-STEWARTS	Split 12.5
[ ]Asset: 0000001603	GROUNDS, GCPS 04100-GCPS-GRNDS	Split 12.5
[ ]Asset: 0000001606	GROUNDS, HPS 04300-HPS-GRNDS	Split 12.5

Task Note Type	Notes
TASKINST	[ ] Remove debris from collector screens. [ ] Move debris, dirt, rocks, sand, silt away from the collector basins to dry using available equipment. Pump out the collector basins if needed. [ ] Clean/cut weeds around collector and liftstation grounds as needed. [ ] Cleanout Liftstation wetwells and vaults as needed. [ ] Cleanout Influent system channels and plant vaults as needed. [ ] Haul the dirt to a staging area approved by IBWC.

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____

Follow-up Action Required:

Submitted by: GALIN9945

Synergen Associates, Inc.
Report c_usf044 v 17153-1

WORK ORDER REPORT

Work Type: PM
Priority: 0
Est. Start Date:
Deficiency Tag:
Required: 06-NOV-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Weekly canyon Collector, Liftstation, and Influent system cleanup. Accomplish weekly and/or after rain event.

Work Order
1401742

Task
01

Signature: _____ Date: _____

Attachment F

WORK ORDER REPORT

11/20/14 17:11

Work Type: PM
Priority: 0
Est. Start Date:
Deficiency Tag:
Required: 04-JUN-14
Task Status: CLOSED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Bi-Weekly Lift Station MOV Inspection

Work Order
1400905

Task
01

Asset: F /ASSET_LIST - Asset List: Temp holding place for Asset List Cost Distribution

[ ] Asset: 0000000047	VALVE, INLET, WET WELL, GCPS 04101-MV-GCPS	Split 50
[ ] Asset: 0000000099	VALVE, INLET, WET WELL, HPS 04301-MV-HPS	Split 50

Task Note Type	Notes
TASK_INST	Exercise Lift Station Influent Valve, Simulate A High Wet Well Level By Closing Bubble Valves, Influent Valve Should Close, Open Bubbler Valves Reset Alarms And Valve Should Open

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____

Follow-up Action Required:

Signature: _____ Date: _____

Attachment F

WORK ORDER REPORT

11/20/14 17:13

Work Type: PM
Priority: 0
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Monthly Lift Station Odor Control System Inspection

Work Order 1401642

Task 01

Asset: F /ASSET_LIST - Asset List: Temp holding place for Asset List Cost Distribution

[ ] Asset: 0000000030	TOWER, SCRUBBER, ODOR REDUCTION, GCPS 04113-SCRUB-ORGCPS	Split 50
[ ] Asset: 0000000079	TOWER, SCRUBBER, ODOR REDUCTION, HPS 04313-SCRUB-ORHPS	Split 50

Task Note Type	Notes
TASK_INST	[ ] Check All Piping And Tanks For Leaks - Repair [ ] Check Overflow Lines On Scrubber Is Clear [ ] Check Pressure Drop Across Scrubber Packing And Mist Eliminator - Clean As Necessary [ ] Check Metering Pumps For Proper Operation And Leaks -Repair [ ] Check Scrubber Recirculation Pumps For Leaks And Proper Operation [ ] Check Scrubber Recirculation Pump Mechanical Seals For Leaks - Repair

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____

Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Synergen Associates, Inc.
Report c_usf044 v 17153-1

Attachment F

WORK ORDER REPORT

11/20/14 17:14

Work Type: PM
Priority: 0
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Monthly Lift Station Odor Control Blower Inspection

Work Order
1401614

Task
01

Asset: F /ASSET_LIST - Asset List: Temp holding place for Asset List Cost Distribution

[ ] Asset: 0000000024	BLOWER, ODOR REDUCTION, GCPS 04113-BLOWER-ORGCPS	Split 50
[ ] Asset: 0000000074	BLOWER, ODOR REDUCTION, HPS 04313-BLOWER-ORHPS	Split 50

Task Note Type	Notes
TASK_INST	[ ] Check Blower For Excessive Noise And Vibration - Troubleshoot [ ] Check Blower V-Belts And Sheaves For Wear And Proper Tension - Adjust [ ] Check Condensate In Housing - Not Clogged [ ] Inspect Impellar Blades For Debris, Damage, Delamination And Cracks [ ] Clean Blower Inlet Duct [ ] Check Housing And Blower For Loose Fasteners - Tighten/ Replace

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____

Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Attachment F

WORK ORDER REPORT

11/20/14 17:15

Work Type: PM
Priority: 12
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Monthly Goat Canyon Well Water System Hurricane Filter Inspection

Work Order
1401640

Task
01

Asset: E / 0000000048 - FILTER, HURRICANE, SYSTEM, WELL WATER, GCPS 04135-WELL-H FILTER
Alias: 04135-WELL-H FILTER
Bldg: GOAT_CANYON - Goat Canyon Pump Station Loc GOAT_CANYON Pos:

Task Note Type	Notes
TASK_INST	[ ] Pull Filter, Clean And Inspect Filter. [ ] Inspect Filter Assembly For Leaks Or Corrosion - Repair Leaks And Treat All Corrosion. [ ] Open Tank Valve And Rinse Out Tank [ ] Install Clean Filter In Tank And Re-assemble [ ] Verify Operation [ ] Check And Clear Codes From PLC

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Attachment F

WORK ORDER REPORT

11/20/14 17:22

Work Type: PM
Priority: 20
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Monthly Standby Generator Inspection (In House)

Work Order 1401621

Task 01

Asset: E / 0000000015 - GENERATOR, STANDBY, GCPS 04112-GCPS-GEN
Alias: 04112-GCPS-GEN
Bldg: GOAT_CANYON - Goat Canyon Pump Station Loc GOAT_CANYON Pos:

Task Note Type	Notes
TASK_INST	Maintenance Staff To Perform In House For Lift Station Generators: [ ] Inspect Fuel Tank And Level Switch Operate Properly - Document Tank Levels [ ] Grab Oil Analysis Sample [ ] Inspect Fan Belts And Hoses For Wear [ ] Check Battery Charger Operates Properly - Service Battery If Needed [ ] Inspect And Clean Battery Terminals Of All Corrosion [ ] Check Air Filters - Replace If Needed [ ] Inspect And Repair All Exhaust Leaks [ ] Check Engine Jacket Heater Operates Properly US Filter To Perform: [ ] Run Generator Under Load - Run For 30 Minutes

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				
MAINT	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Synergen Associates, Inc.
Report c_usf044 v 17153-1

Attachment F

WORK ORDER REPORT

11/20/14 17:25

Work Type: PM
Priority: 12
Est. Start Date:
Deficiency Tag:
Required: 30-JUN-14
Task Status: CLOSED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Annual Lift Station Ebara Pump Inspection

Work Order
1400607

Task
01

Asset: E / 0000000041 - PUMP 3, SUBMERSIBLE, GCPS 04105-P3
Alias: 04105-P3
Bldg: GOAT_CANYON - Goat Canyon Pump Station Loc GOAT_CANYON Pos:

Task Note Type	Notes
TASK_INST	[ ] Pull Pump And Inspect [ ] Inspect Pump Coating For Wear - Repair [ ] Inspect Pump Impellar For Wear - Repair [ ] Inspect All Cables And Cable Entry Fittings - Replace If Necessary [ ] Inspect the oil, change if needed. [ ] Check Mechanical Seal For Leaks - Replace/Repair [ ] Clean Wet Well Of Sand/Silt Buildup

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	2				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

Synergen Associates, Inc.
Report c_usf044 v 17153-1

Attachment F

WORK ORDER REPORT

11/20/14 17:31

Work Type: PM
Priority: 12
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Quarterly Calibration of PH and ORP Meters

Work Order
1401611

Task
01

Asset: E / 0000000032 - METER, PH, GCPS 04113-PH-GCPS
Alias: 04113-PH-GCPS
Bldg: GOAT_CANYON - Goat Canyon Pump Station Loc GOAT_CANYON Pos:

Task Note Type	Notes
TASK_INST	[ ] Perform Calibration Of Meter - Document Calibration Results [ ] Clean Probe Assembly

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				
INST	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Attachment F

WORK ORDER REPORT

11/20/14 17:32

Work Type: PM
Priority: 12
Est. Start Date:
Deficiency Tag:
Required: 27-OCT-14
Task Status: FINISHED
Requestor: SYNERGEN
Assigned To:
Crew: MAINT Maintenance Staff
Task Desc.: PM - Quarterly Calibration of PH and ORP Meters

Work Order
1401605

Task
01

Asset: E / 0000000031 - METER, ORP, GCPS 04113-ORP-GCPS
Alias: 04113-ORP-GCPS
Bldg: GOAT_CANYON - Goat Canyon Pump Station Loc GOAT_CANYON Pos:

Task Note Type	Notes
TASK_INST	[ ] Perform Calibration Of Meter - Document Calibration Results [ ] Clean Probe Assembly

RESOURCES:

Craft	# of People	Estimated Hours	Actual Hours	Remaining Hours	Completion
EQUIP	1				
INST	1				

MATERIALS:

Store	Primary Bin	Stock Type / Code	Item Description	Qty. Est.	Qty. Used

ATTACHMENTS:

PERMITS:

Type	Number	Acquired Date

COMPLETION COMMENTS:

Start Date: _____ Time: _____ Completion Date: _____ Time: _____

FAILURE CODES:

Failure: _____ Repair: _____ Component: _____ Mode: _____
Follow-up Action Required:

Signature: _____ Date: _____

Submitted by: GALIN9945

VEOLIA WATER

ATTACHMENT G (i)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN DIEGO REGION

FACILITY SPILL/ TRANSBOUNDARY FLOW EVENT FORM

11/5/2014

1. OES CONTROL TRACKING NUMBER: _ _ _ _ _

2. REPORTED TO: _
(ENTER FAX, VOICE MAIL, OR NAME OF REGIONAL BOARD STAFF)

3. DATE REPORTED: _ _ /_ _ /_ _ (MM/DD/YY)

TIME REPORTED: _ _:_ _ (MILITARY OR 24 HOUR TIME)

4. REPORTED BY: _

5. PHONE: (_ _ _) _ _ _ - _ _ _ _

6. RESPONSIBLE SEWER AGENCY:

_ _

7. OVERFLOW START: DATE: _ _ /_ _ /_ _ (MM/DD/YY)

TIME: _ _:_ _ (MILITARY OR 24 HOUR TIME)

8. OVERFLOW END: DATE: _ _ /_ _ /_ _ (MM/DD/YY)

TIME: _ _:_ _ (MILITARY OR 24 HOUR TIME)

9. TOTAL OVERFLOW VOLUME: _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ (GALLONS)

10. OVERFLOW VOLUME RECOVERED: _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ (GALLONS)

FACILITY SPILL / TRANSBOUNDARY EVENT LOCATION:

11. STREET: _

12. CITY: _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

13. COUNTY: _ _ (SD, RI, OR)

14. ZIP CODE:_ _ _ _ _ _ _ _ _ _

15. FACILITY SPILL/ TRANSBOUNDARY FLOW STRUCTURE I.D.:

_ _

16. NUMBER OF OVERFLOWS AT THIS LOCATION IN PAST 12 MONTHS _ _ _

17. OVERFLOW CAUSE --SHORT DESCRIPTION -- CIRCLE ONE

ROOTS	GREASE	LINE BREAK	INFILTRATION
ROCKS	BLOCKAGE	POWER FAILURE	PUMP STATION FAILURE
DEBRIS	VANDALISM	FLOOD DAMAGE	MANHOLE FAILURE
	OTHER	CONSTRUCTION	

18. OVERFLOW CAUSE -- DETAILED DESCRIPTION OF CAUSE

_ _
_ _
_ _
_ _
_ _
_ _

19. FACILITY SPILL/ TRANSBOUNDARY EVENT OVERFLOW CORRECTION -- DESCRIPTION OF ALL PREVENTATIVE AND CORRECTIVE MEASURES TAKEN OR PLANNED.

_ _
_ _
_ _
_ _
_ _
_ _

INITIAL AND SECONDARY RECEIVING WATERS:

20. DID EVENT FLOW REACH SURFACE WATERS? _ (Y OR N)
21. DID EVENT FLOW ENTER A STORM DRAIN? _ (Y OR N)
22. NAME OR DESCRIPTION OF INITIAL RECEIVING WATERS. (IF NONE, TYPE NONE)

_ _

23. NAME OR DESCRIPTION OF SECONDARY RECEIVING WATERS. (IF NONE, TYPE NONE)

_ _

24. IF THE EVENT FLOW DID NOT REACH SURFACE WATERS, DESCRIBE THE FINAL DESTINATION OF FLOW.

_ _

NOTIFICATION:

25. WAS THE LOCAL HEALTH SERVICES AGENCY NOTIFIED? _ (Y OR N)

26. IF THE OVERFLOW WAS OVER 1,000 GALLONS TO SURFACE WATER, WAS THE OFFICE OF EMERGENCY SERVICES (OES) NOTIFIED? _ _ (Y or N) (NOT APPLICABLE, ENTER NA)

AFFECTED AREA POSTING:

27. WERE SIGNS POSTED TO WARM OF CONTAMINATION? _ (Y OR N)

28. HOW MANY DAYS WERE THE WARNING SIGNS POSTED? _ _ _

29. REMARKS:

NOTE: IF THE FACILITY SPILL/ TRANSBOUNDARY FLOW EVENT RESULTS IN A DISCHARGE OF MORE THAN 1,000 GALLONS TO SURFACE WATERS, THIS FORM MUST BE RECEIVED BY THE REGIONAL BOARD NO LATER THAN THREE DAYS AFTER THE OVERFLOW START DATE.

The following certification must be completed with the five day notice:

I swear under penalty of perjury that the information submitted in this document is true and correct. I certify under penalty of perjury that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information. 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.

_____
Signature

_____
Name

_____
Title

_____
Date

VEOLIA WATER

ATTACHMENT G (ii)

PRELIMINARY NOTICE OF FACILITY SPILL/ TRANSBOUNDARY FLOW EVENT

INTERNATIONAL BOUNDARY AND WATER COMMISION

November 12, 2014

TO:_____

DATE REPORTED:_____

TIME REPORTED:_____

REPORTED BY:_____

PHONE: 619-662-7600

OVERFLOW START: DATE:_____/_____/_____(MM/DD/YY)

TIME:_____:_____

OVERFLOW END: DATE:_____/_____/_____(MM/DD/YY)

TIME:_____:_____

TOTAL OVERFLOW VOLUME:_____(GALLONS)

OVERFLOW VOLUME RECOVERED:_____(GALLONS)

OVERFLOW LOCATION: (CIRCLE LOCATION)

INTERNATIONAL TREATMENT PLANT STEWARTS DRAIN

SILVA DRAIN CANYON DEL SOL SMUGGLER'S GULCH

GOAT CANYON

OTHER (SPECIFY):_____

CAUSE (*If Known*):_____

DID THE OVERFLOW REACH SURFACE WATERS?_____YES _____NO

OFFICE OF EMERGENCY SERVICES NOTIFIED? _____YES _____NO

ATTACHMENT H
STANDARD OPERATING PROCEDURE
VEOLIA WATER NORTH AMERICA
South Bay International WTP

Facility Spill & Transboundary Flow Event Reporting

Date: June 19, 2007
Revised: November 12, 2014
Author: Veolia Staff

Introduction and Purpose:

This Standard Operating Procedure (SOP) was created to establish the policies to be implemented by the Contract Operator of the South Bay International Wastewater Treatment Plant (SBIWTP) for the reporting of Facilities Spills and Transboundary Overflows. This SOP is part of the Spill and Transboundary Plan required by the NPDES Order No. R9-2014-0009, NPDES Permit No. CA0108928.

IBWC is referred to as the Discharger and Veolia is referred to as the Operator.

Procedure:

To report a Facility Spill Event or a Transboundary Flow Event, refer to the following VWNA Spill & Transboundary Flow Event written reporting plan.

Spill & Transboundary Event Reporting

(STER)

South Bay International Wastewater Treatment Plant (SBIWTP)
International Boundary and Water Commission (IBWC)

NPDES Permit #CA0108928
California Regional Water Quality Control Board Order # R9-2014-0009

Address: 2995 Clearwater Way
San Diego, CA 92154

Contract Operator: Veolia Water North America – West, LLC.

Project Manager: Richard Perna
Address: PO Box 430239
San Diego, CA 92143

Office: 619-662-7687
FAX: 619-662-7692

Definitions, based directly from the NPDES:

a) Spill from the Facilities (**Facilities Spill Event**). A discharge of treated or untreated wastewater or other material to the environment that occurs from the Discharger's Facilities, including, but not limited to, the entire wastewater conveyance, storage, treatment, and disposal system (wastewater system) that is owned and operated by the Discharger/ Operator. The wastewater system includes all devices and system components used such as pipes, **pump stations**, force mains, Junction Box 1, Junction Box 2, the five canyon collector systems, the treatment works, South Bay Land Outfall (SBLO), and South Bay Ocean Outfall (SBOO).

b) Transboundary Wastewater Flow Past the Canyon Collector System (**Flow Event Type A**). A dry weather transboundary treated or untreated wastewater or other flow through a conveyance structure owned and operated by the United States

Government into Smuggler Gulch, Goat Canyon, Canyon del Sol, Stewart's Drain, or Silva Drain and not diverted into the canyon collector system for treatment at the Facility.

c) Transboundary Wastewater Flow Event or Other Spill/Wastewater Flow Event in Mexico (**Flow Event Type B**). A dry weather spill or dry weather transboundary wastewater or other flow (not categorized in other Event Types above) that creates, or threatens to create, pollution or nuisance conditions in waters of the United States and/or State including the Tijuana River (main channel), Yogurt Canyon drainage, other unnamed drainages and nearby coastal marine waters. These spills or transboundary flows include, but are not limited to the following:

1. A dry weather transboundary treated or untreated wastewater flow in waters of the Tijuana River (main channel) as described in Commitment No. 16 of IBWC Minute No. 283 (Conceptual Plan for the International Solution to the Border Sanitation Problem in San Diego, California/Tijuana, Baja California, July 2, 1990).
2. A dry weather transboundary treated or untreated wastewater flow through a conveyance structure owned and operated by the United States Government into Yogurt Canyon.
3. Spills or wastewater flows occurring in Mexico that the Discharger has knowledge of.

The definition of a Sanitary Sewer Overflow (SSO) based on STATE WATER RESOURCES CONTROL BOARD ORDER NO. 2006-0003-DWQ STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR SANITARY SEWER SYSTEMS is: Any overflow, spill, release, discharge or diversion of untreated or partially treated wastewater from a **Sanitary Sewer System**. SSOs include:

1. Overflows or releases of untreated or partially treated wastewater that reach waters of the United States;
2. Overflows or releases of untreated or partially treated wastewater that do not reach waters of the United States; and
3. Wastewater backups into buildings and on private property that are caused by blockages or flow conditions within the publicly owned portion of a sanitary sewer system.

The definition of an SSO is clearly specific to a **Sanitary Sewer System** of which the rules apply to a Transboundary Flow Event Type B and **not** Facilities Spill Event nor a Transboundary Flow Event Type A.

SSO's typically present a public health hazard. The application of the term SSO may be interpreted under circumstances related to a **Transboundary Flow Event Type B**.

SSO applied to the Sewer Collection System (**Flow Event Type B**) : The sanitary sewer collection system is located within the City of Tijuana, Mexico, and is not controlled by IBWC or the Operator of the SBIWTP. An SSO from the sewer collection system is governed by the environmental laws of Mexico. In the event, that an SSO occurs in Mexico and enters the USA at a location other than one of the five IBWC controlled drains and collectors, the SBIWTP Operator must report the overflow to the Discharger (IBWC).

Transboundary Flow Event Type A as applied to the drains and collectors operated by the SBIWTP Operators

At the collector locations (Silva Drain, Stewart's Drain, Canyon Del Sol, Smuggler's Gulch Collector, and Goat Canyon Collector), a Transboundary Flow Event Type A includes all water flows occurring during a non-storm event that flow through a conveyance structure and not diverted into the canyon collector system for treatment at the Facility.

The wastewater entering the storm drains that eventually enter the US, may be the result of

(1) An SSO from the sewer collection system in Tijuana,
(2) A broken drinking water main from within Tijuana, or
(3) An unknown source.

The SBIWTP is often not notified of a spill or overflow occurring within the City of Tijuana and the flows received at the drains and collectors are discovered during routine plant operations and inspections.

STORM EVENT: The canyon collectors are not designed to capture flows during a storm event. Any flows over the outlet weir of the drain, or collector, would be considered storm-water run-off (not wastewater) and **not** classified as a Spill or a Transboundary Flow Event.

Gravity Flow Pipelines, Pump Stations, and Forced Mains: Any release of from these facilities (Goat Canyon Collector Gravity Pipeline, Goat Canyon Pump Station, Goat Canyon Pump Station Forced Main, Smuggler's Gulch Gravity Pipeline, Hollister Pump Station, and Hollister Pump Station Forced Main) is considered a **Facilities Spill Event**.

The South Bay International Wastewater Treatment Plant: Release of wastewater within the treatment plant is considered a **Facilities Spill Event**.

These notification and reporting procedures will apply to a Facilities Spill Event, Transboundary Flow Event A and Transboundary Flow Event B. For all Spill Events, the Discharger shall include a detailed summary of spills in the monthly self-monitoring report for the month in which the spill occurred.

Categories

a) **Category 1** include discharges that contain wastewater of any volume that: 1) Reach surface water and /or reach a drainage channel tributary to a surface water; or 2) Reach a Municipal Separate Storm Sewer System (MS4), and are not fully captured and returned to the Facilities or not otherwise captured and disposed of properly.
b) **Category 2** includes discharges that contain wastewater of 1,000 gallons or greater that do not reach surface water, a drainage channel or a MS4.
c) **Category 3** includes all other discharges that contain wastewater.
d) **Category 4** includes discharges of hazardous substances.
e) **Category 5** includes discharges of oil or petroleum products.
f) **Category 6** includes discharges of other material related to the facilities that may endanger health or the environment.

In the event of a Facilities Spill or a Transboundary Flow Event, follow the notification process. Write down specifics of the event:

a) Name of person notifying Cal OES and direct return phone number.
b) Estimated spill/flow volume (gallons).
c) If ongoing, estimated spill/flow rate (gallons per minute).
d) Spill/flow incident description including a brief narrative, on-scene point of contact for additional information (name and cell phone number); date and time Discharger became aware of the spill/flow; location of discharge; cause of the spill/flow (if known).
e) Indication of whether the spill/flow has been contained.
f) Indication of whether surface water is impacted.
g) Name of surface water impacted by the spill/flow, if applicable.
h) Indication of whether a drinking water supply is or may be impacted by the spill/flow.
i) Any other known spill/flow impacts.
j) Spill/flow incident location (address, city, state, and zip code).

The Discharger/ Operator have two hours from the time any Category 1 or Category 2 event is detected to notify Cal OES and receive a control number which is used as a reference for all agencies and interested parties.

For Category 1 and 2 Events, the Discharger shall submit a preliminary report within three (3) business days of becoming aware of the spill/flow by email to the San Diego

Water Board (RB9Spill_Report@waterboards.ca.gov), DEH, local municipalities, and other interested parties and submit a certified report by fifteen (15) calendar days. The preliminary report shall contain the following information:

a) Spill/flow contact information. (Name and telephone number of the Discharger contact person who can answer specific questions about the spill/flow being reported).
b) Spill/flow location name.
c) Global Positioning System (GPS) coordinates for the spill/flow location. If a single spill event results in multiple appearance points, provide GPS coordinates for each appearance point.
d) Whether or not the spill/flow reached surface water, a drainage channel, or entered and was discharged from a drainage structure.
e) Whether or not the spill/flow reached a MS4. If known, provide the name of the jurisdiction that owns or operates the MS4 and estimate the spill/flow volume that may have entered the MS4.
f) Whether or not the total spill/flow volume that reached a MS4 was fully recovered. If not, estimate the volume that was recovered from the MS4 (if applicable).
g) Estimate of the spill/flow volume, inclusive of all discharge point(s).
h) Estimate of the spill/flow volume that reached surface water, a drainage channel, or was not recovered from an MS4. If known, provide the name of the surface water body, drainage channel, or drainage structure.
i) Estimate of the spill/flow volume recovered from all sources and media (if applicable).
j) Number of spill/flow appearance point(s).
k) Description and location of spill/flow appearance point(s). If a single sewage collection system failure results in multiple spill appearance points, each appearance point must be described.
l) Spill/flow start date and time.
m) Date and time the Discharger was notified of, or self-discovered, the spill/flow.
n) Estimated operator arrival time.
o) Spill/flow end date and time or expected end date and time.
p) Date and time when cleanup was completed (if applicable);
q) Probable cause of the spill/flow (if known)
r) For spills/flows greater than or equal to 1,000 gallons, the date and time Cal OES was called.
s) For spills/flows greater than or equal to 1,000 gallons, the Cal OES control number.

For Category 1 and 2 Events, the Discharger shall submit a certified report within 15 calendar days of spill/flow end date by email to the San Diego Water Board (RB9Spill_Report@waterboards.ca.gov), DEH, local municipalities, and interested

parties. The report shall be signed and certified. At a minimum, the following mandatory information shall be reported for the certified report, in addition to all fields above :

a) Description of spill/flow destination(s).
b) Spill/flow end date and time.
c) Spill/flow cause(s) (e.g. pipe blockage; fats, oil, and grease; root intrusion; pipe break; pump station failure; power outage; component failure; inadequate hydraulic capacity; inflow and infiltration; or vandalism).
d) Spill/flow failure point (pump station, junction point, etc.).
e) Whether or not the spill/flow was associated with a storm event.
f) Description of spill/flow corrective actions, including steps planned or taken to reduce, eliminate, and prevent reoccurrence of the spill/flow; and a schedule of major milestones for those steps.
g) Description of spill/flow response activities.
h) Spill/flow response completion date.
i) Whether or not there is an ongoing investigation, the reasons for the investigation, and the expected date of completion.
j) Whether or not health warnings were posted as a result of the spill/flow.
k) Name of beach(es) closed and/or impacted.
l) Name of surface water(s) impacted.
m) Location and number of water quality samples collected or reason why no samples collected.
n) Parameters for which the water quality samples (if any) were analyzed.
o) Regulatory agencies that received sample results (if any).
p) Description of methodology(ies) and data relied upon for estimations of the spill/flow volume and amount recovered.

For Category 4 Events, as soon as (A) the Discharger has knowledge of the discharge, (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures, the Discharger shall immediately notify the Cal OES of the discharge in accordance with the spill reporting provision of the state toxic disaster contingency plan adopted pursuant to article 3.7 (commencing with section 8574.16) of chapter 7 of division 1 of title 2 of the Government Code. (Water Code section 13271)

For Category 5 Events, as soon as (1) the Discharger has knowledge of the discharge, (2) notification is possible, and (3) notification can be provided without substantially impeding cleanup or other emergency measures, the Discharger shall immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the California oil spill contingency plan adopted pursuant to article 3.5 (commencing with section 8574.1) of chapter 7 of division 1 of title 2 of the

Government Code. This section shall not apply to spills of oil into marine waters as defined in Subdivision (f) of section 8670.3 of the Government Code. (Water Code section 13272)

For Category 6 Events, the Discharger shall notify the San Diego Water Board (RB9Spill_Report@waterboards.ca.gov), DEH, local municipalities, and interested parties within 24 hours of becoming aware of the discharge.

Spill & Transboundary Flow Event Notification and Reporting Requirements

Notify your immediate supervisor (verbally) upon detection of a Facility Spill, a Transboundary Flow Event A or a Transboundary Flow Event B, be sure to note the time the event was initially detected and the time the supervisor was notified. If you are unable to verbally contact your supervisor utilize the chain of command until a supervisor or manager has been verbally contacted.

In the event no supervisor or manager is verbally contacted within the two (2) hour time frame, proceed to notify Cal OES

Reporting - Category 1 & Category 2 Spills	
Verbal Notification – Preliminary Notice- Control Number-	
California Office of Emergency Services Contact - Officer in Charge	Phone - (800) 852-7550 Fax - (916) 262-1677
Verbal followed by Fax Notification – Preliminary Notice, followed with Fax submittal of Report.	
IBWC Dawi Dakhil	Phone- (619) 662-7600 Fax - (619) 662-7607
Surface Water Unit, California Regional Water Quality Control Board Vincente Rodriguez	Phone (858) 627-3940 Fax (858) 571-6972
Department of Environmental Heath, County of San Diego Mark McPherson	Phone - (858) 495-5572 Fax - (858) 694-3670
City of San Diego Robert Mulvey	Phone – (858) 292-6418 RMulvey@sandiego.gov

City of Coronado Contact – Mark Ochenduszko	Phone – (619) 522-7335 Fax – (619) 522-7846
City of Imperial Beach Contact-Hank Levien	Phone – (619) 423-8311 Fax – (619) 429-4861

eMail Notification – Send a copy of the reports to the following individuals and agencies	
Aaron Allen	aaronma423@gmail.com
Gilbert Anaya	Gilbert.Anaya@ibwc.gov
Andy Hall	ahall@imperialbeachca.gov
Antonio Flores	ANTONIO.F.FLORES@CBP.DHS.GOV
Art Ayala	aayala@cityofib.org
Ernesto Molas	EMolas@sandiego.gov
Yidelwo Asbu	Yidelwo.Asbu@sdcounty.ca.gov
Brian Collins	bcollins@fws.gov
Bill Kratz	Bill_Kratz@feinstein.senate.gov
Blair King	mclifford@coronado.ca.us
Brian Kelly	BRIAN.P.KELLY@CBP.DHS.GOV
Chris Helmer	CHelmer@CityofIB.org
Chris Means	cmeans@waterboards.ca.gov
Christopher Young	CHRISTOPHER.A.YOUNG@CBP.DHS.GOV
Chris Peregrine	cpere@parks.ca.gov
Dan Murphy	dan@surfridersd.org
Daniel Hovorka	Daniel.Hovorka@Parks.ca.gov
Danielle Murphy	dmurphy@trnerr.org
Doug Liden	liden.douglas@epa.gov
Ed Drusina	edrusina@ibwc.gov
Ewan Moffatt	Ewan.moffat@sdcounty.ca.gov

Greg Wade	GWade@CityofIB.org
Gregory Bovino	GREGORY.K.BOVINO@CBP.DHS.GOV
Gui Nelson	gnelson@cityofib.org
Haley Jain Haggerstone	haley@surfridersd.org
Hank Levien	hlevien@cityofib.org
Holly Bellringer	hbellringer@trnerr.org
IBC Manager	ibcmanager@cityofib.org
Janine Zuniga	jzuniga@coronado.ca.us
Jason Lindquist	jlindquist@cityofib.org
Jeff Crooks	jcrooks@trnerr.org
Jo Brooks	BrooksJ4@gmail.com
Joann Lim	Joann.Lim@Waterboards.ca.gov
John Holder	john@wildcoast.net
Jonathan Irwin	Jonathan.Irwin@parks.ca.gov
Julia Chunn	julia@surfridersd.org
Julio Lorda	jlorda@trnerr.org
Justin McCullough	jmccullough@trnerr.org
Keith Kezer	Keith.Kezer@sdcounty.ca.gov
Kurt Roblek	Kurt_Roblek@fws.gov
Larry Duke	Larry.Duke@sdcounty.ca.gov
Mark McPherson	Mark.McPherson@sdcounty.ca.gov
Mark West	mark_west@me.com
Michelle Cordrey	mcordrey@trnerr.org
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Oscar Alvarez	oalvarez@cityofib.org
Oscar Romo	oromo@ucsd.edu
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Patrick McDonough	Patrick.Mcdonough@sdcounty.ca.gov
Carlos Pena	Carlos.Pena@ibwc.gov
Paul Ganster	pganster@mail.sdsu.edu

Roberto Espinosa	respinosa@cila.gob.mx
Richard Perna	richard.perna@veolia.com
Robert Stabenow	rstabenow@cityofib.org
Bob Scott	Robert_Scott@URSCorp.com
SD Office of Emergency Services	oes@sdcounty.ca.gov
Scott Huth	SHuth@DelMar.ca.us
Sally Spener	Sally.Spener@ibwc.gov
Tom Clark	tclark@cityofib.org
SD Coastkeeper	travis@sdcoastkeeper.org
San Diego Water Board	RB9Spill_Report@waterboards.ca.gov

Spill Notification List **Updated 8/12/2014 from Steve**

Aaron Allen	aaronma423@gmail.com
Gilbert Anaya	Gilbert.Anaya@ibwc.gov
Andy Hall	ahall@imperialbeachca.gov
Antonio Flores	ANTONIO.F.FLORES@CBP.DHS.GOV
Art Ayala	aayala@cityofib.org
Ernesto Molas	EMolas@sandiego.gov
Yidelwo Asbu	Yidelwo.Asbu@sdcounty.ca.gov
Brian Collins	bcollins@fws.gov
Bill Kratz	Bill_Kratz@feinstein.senate.gov
Blair King	mclifford@coronado.ca.us
Brian Kelly	BRIAN.P.KELLY@CBP.DHS.GOV
Javier Colin	jcolin@cila.gob.mx
Chris Helmer	CHelmer@CityofIB.org
Chris Means	cmeans@waterboards.ca.gov
Christopher Young	CHRISTOPHER.A.YOUNG@CBP.DHS.GOV
Chris Peregrine	cpere@parks.ca.gov
Dan Murphy	dan@surfridersd.org
Daniel Hovorka	Daniel.Hovorka@parks.ca.gov
Danielle Murphy	dmurphy@trnerr.org
Doug Liden	liden.douglas@epa.gov
Ed Drusina	edrusina@ibwc.gov
Ewan Moffatt	Ewan.moffat@sdcounty.ca.gov
Greg Wade	GWade@CityofIB.org
Gregory Bovino	GREGORY.K.BOVINO@CBP.DHS.GOV
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Jason Lindquist	jlindquist@cityofib.org
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Richard Perna	richard.perna@veoliawaterna.com
Robert Stabenow	rstabenow@cityofib.org
Bob Scott	Robert_Scott@URSCorp.com
SD Office of Emergency Services	oes@sdcounty.ca.gov
Scott Huth	SHuth@DelMar.ca.us
Sally Spener	Sally.Spener@ibwc.gov
Tom Clark	tclark@cityofib.org
SD Coastkeeper	travis@sdcoastkeeper.org
California Fish and Wildlife	Gail.Sevrens@wildlife.ca.gov

KEY CONTACT TELEPHONE NUMBERS

INTERNATIONAL BOUNDARY AND WATER COMMISSION

Contact - Dawi Dakhil Phone- (619) 662-7600 Fax - (619) 662-7607

REGULATORY AGENCIES

Surface Water Unit, California Regional Water Quality Control Board

Contact - Vincente Rodriguez Phone -(858) 627-3940 Fax - (858) 571-6972

Regional Administrator, U.S. Environmental Protection Agency

Contact - Phone - (415) 744-2125

Regulatory Unit, Division of Water Quality, State Water Resources Control Board

Contact - Phone - (916) 227-4449 Fax - (916) 227-4349

Department of Environmental Heath, County of San Diego

Contact - Mark McPherson Phone - (858) 495-5572 Fax - (858) 694-3670

California Office of Emergency Services

Contact - Officer in Charge Phone - (800) 852-7550 Fax - (916) 262-1677

City of San Diego

Contact - Robert Mulvey Phone – (858) 292-6418 RMulvey@sandiego.gov

City of Coronado

Contact - Mark Ochenduszko Phone – (619) 522-7335 Fax – (619) 522-7846 **City of Imperial Beach**

Contact- Hank Levien Phone – (619) 423-8311 Fax – (619) 429-4861

VEOLIA WATER

PRELIMINARY NOTICE OF FACILITY SPILL/ TRANSBOUNDARY FLOW EVENT

INTERNATIONAL BOUNDARY AND WATER COMMISION

November 12, 2014

TO:_____

DATE REPORTED:_____

TIME REPORTED:_____

REPORTED BY:_____

PHONE: 619-662-7600

OVERFLOW START: DATE:_____/_____/_____(MM/DD/YY)

TIME:_____:_____

OVERFLOW END: DATE:_____/_____/_____(MM/DD/YY)

TIME:_____:_____

TOTAL OVERFLOW VOLUME:_____(GALLONS)

OVERFLOW VOLUME RECOVERED:_____(GALLONS)

OVERFLOW LOCATION: (CIRCLE LOCATION)

INTERNATIONAL TREATMENT PLANT STEWARTS DRAIN

SILVA DRAIN CANYON DEL SOL SMUGGLER'S GULCH

GOAT CANYON

OTHER (SPECIFY):_____

CAUSE (*If Known*):_____

DID THE OVERFLOW REACH SURFACE WATERS?_____YES _____NO

OFFICE OF EMERGENCY SERVICES NOTIFIED? _____YES _____NO

VEOLIA WATER

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN DIEGO REGION

FACILITY SPILL/ TRANSBOUNDARY FLOW EVENT FORM

11/5/2014

1. OES CONTROL TRACKING NUMBER: _ _ _ _ _

2. REPORTED TO: _
(ENTER FAX, VOICE MAIL, OR NAME OF REGIONAL BOARD STAFF)

3. DATE REPORTED: _ _ /_ _ /_ _ (MM/DD/YY)

TIME REPORTED: _ _:_ _ (MILITARY OR 24 HOUR TIME)

4. REPORTED BY: _

5. PHONE: (_ _ _) _ _ _ - _ _ _ _

6. RESPONSIBLE SEWER AGENCY:

_ _

7. OVERFLOW START: DATE: _ _ /_ _ /_ _ (MM/DD/YY)

TIME: _ _:_ _ (MILITARY OR 24 HOUR TIME)

8. OVERFLOW END: DATE: _ _ /_ _ /_ _ (MM/DD/YY)

TIME: _ _:_ _ (MILITARY OR 24 HOUR TIME)

9. TOTAL OVERFLOW VOLUME: _ _ _ _ _ _ _ _ _ _ _ _ _ _ (GALLONS)

10. OVERFLOW VOLUME RECOVERED: _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ (GALLONS)

FACILITY SPILL / TRANSBOUNDARY EVENT LOCATION:

11. STREET: _

12. CITY: _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

13. COUNTY: _ _ (SD, RI, OR)

14. ZIP CODE:_ _ _ _ _ _ _ _ _ _

15. FACILITY SPILL/ TRANSBOUNDARY FLOW STRUCTURE I.D.:

_ _

16. NUMBER OF OVERFLOWS AT THIS LOCATION IN PAST 12 MONTHS _ _ _

17. OVERFLOW CAUSE --SHORT DESCRIPTION -- CIRCLE ONE

ROOTS	GREASE	LINE BREAK	INFILTRATION
ROCKS	BLOCKAGE	POWER FAILURE	PUMP STATION FAILURE
DEBRIS	VANDALISM	FLOOD DAMAGE	MANHOLE FAILURE
	OTHER	CONSTRUCTION	

18. OVERFLOW CAUSE -- DETAILED DESCRIPTION OF CAUSE

_ _
_ _
_ _
_ _
_ _
_ _

19. FACILITY SPILL/ TRANSBOUNDARY EVENT OVERFLOW CORRECTION -- DESCRIPTION OF ALL PREVENTATIVE AND CORRECTIVE MEASURES TAKEN OR PLANNED.

_ _
_ _
_ _
_ _
_ _
_ _

INITIAL AND SECONDARY RECEIVING WATERS:

20. DID EVENT FLOW REACH SURFACE WATERS? _ (Y OR N)
21. DID EVENT FLOW ENTER A STORM DRAIN? _ (Y OR N)
22. NAME OR DESCRIPTION OF INITIAL RECEIVING WATERS. (IF NONE, TYPE NONE)

    _

23. NAME OR DESCRIPTION OF SECONDARY RECEIVING WATERS. (IF NONE, TYPE NONE)

    _

24. IF THE EVENT FLOW DID NOT REACH SURFACE WATERS, DESCRIBE THE FINAL DESTINATION OF FLOW.

    _

NOTIFICATION:

25. WAS THE LOCAL HEALTH SERVICES AGENCY NOTIFIED? _ (Y OR N)

26. IF THE OVERFLOW WAS OVER 1,000 GALLONS TO SURFACE WATER, WAS THE OFFICE OF EMERGENCY SERVICES (OES) NOTIFIED? _ _ (Y or N) (NOT APPLICABLE, ENTER NA)

AFFECTED AREA POSTING:

27. WERE SIGNS POSTED TO WARM OF CONTAMINATION? _ (Y OR N)

28. HOW MANY DAYS WERE THE WARNING SIGNS POSTED? _ _ _

29. REMARKS:

NOTE: IF THE FACILITY SPILL/ TRANSBOUNDARY FLOW EVENT RESULTS IN A DISCHARGE OF MORE THAN 1,000 GALLONS TO SURFACE WATERS, THIS FORM MUST BE RECEIVED BY THE REGIONAL BOARD NO LATER THAN THREE DAYS AFTER THE OVERFLOW START DATE.

The following certification must be completed with the five day notice:

I swear under penalty of perjury that the information submitted in this document is true and correct. I certify under penalty of perjury that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information. 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.

_____

Signature

_____

Name

_____

Title

_____

Date