

Rowland Water District

3021 Fullerton Road,
Rowland Heights, CA
91748

**SEE FIRST PAGE
FOR OIL SPILL
RESPONSE
PROCEDURES**

March 2022

Prepared by:

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**Spill Prevention, Control, and
Countermeasure (SPCC) Plan**

OIL SPILL REPORTING AND RESPONSE PROCEDURES

For Other Than Incidental Spills*

1. Call 911 in the event of injuries, fire, or other conditions immediately dangerous to life and health.
2. Identify the material spilled, the container or equipment affected, the approximate amount spilled, where the spill is located, and whether it is contained or uncontained.
3. Immediately report any spill to the Compliance & Safety Coordinator at 626-435-4687.
4. If safe to do so, contain the spill by closing valves in drain lines and placing absorbent material, pigs, diapers, berms, etc. in the path of the spill and at any location where the spill could enter a drain, or flow directly off-site.
5. Facility management will utilize the Discharge Reporting Form in **Appendix C of this Plan** and begin contacting the following agencies, in order:

Governor's Office of Emergency Services	(800) 852-7550
National Response Center	(800) 424-8802
Los Angeles County Fire Department (CUPA)	(323)890-4317
United States Environmental Protection Agency, Region 9	(800) 300-2193
Fish and Wildlife Office of Spill Prevention and Response	(covered by call to OES)
Regional Water Quality Control Board	(213) 576-6600
Los Angeles County Department of Public Works (24-hour emergency line, spill to storm drain)	(800) 675-4357

6. After facility management has made notifications and in consultation with facility management, initiate further containment and cleanup of the spill. As necessary, utilize outside spill control contractors as follows:

U.S. Ecology	(800) 33SPILL
	(800) 337-7455

*Incidental spills are those resulting from routine operating conditions and do not affect areas, equipment or personnel beyond the immediate location of the release.

Spill Prevention, Control, and Countermeasure (SPCC) Plan

Prepared for:

**Rowland Water District
3021 Fullerton Road,
Rowland Heights, CA 91748**

March 2022

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PLAN AMENDMENTS

Revisions to the Spill Prevention, Control, and Countermeasure Plan (Plan) may be documented in the following table. In accordance with Code of Federal Regulations (CFR) Title 40 Part 112.5(a), the Plan must be amended when there is a change in the facility’s design, construction, operation, or maintenance that materially affects its potential for a discharge. An amendment made under this section must be prepared within 6 months and implemented as soon as possible, but not later than 6 months following preparation of the amendment. Each technical amendment must be certified by a professional engineer.

Revision Number	Date	Sections Revised	Purpose of Revision	Performed By
0	3/2022	All	Initial Plan	Yorke Engineering, LLC

FIVE-YEAR OWNER/OPERATOR REVIEWS

In accordance with Code of Federal Regulations (CFR) Title 40 Part 112.5(b), notwithstanding any Plan amendments the owner/operator must complete a review and evaluation of the Plan at least once every 5 years from the date the facility became subject to the SPCC regulation, or 5 years from the date the last review was required.

Date	Is A Technical Amendment Necessary (Yes/No)? If Yes, Summarize Amendments	Signature*

Each 5-year owner/operator review incorporates the following certification: “I have completed review and evaluation of the SPCC Plan for Rowland Water District on the date indicated and will (will not) amend the Plan as indicated.”

The facility must implement any amendment as soon as possible, but not later than 6 months following preparation of any amendment.

PLAN CROSS-REFERENCE (40 CFR 112.7)

SPCC Regulation (40 CFR)	Description of Requirement	Section
§112.1	General Applicability	1
§112.3	Requirements to Prepare and Implement an SPCC Plan	
§112.3(d)	Professional Engineer (P.E.) Review and Certification	Certification
§112.3(e)	Location of the SPCC Plan	2
§112.4	Amendment of SPCC Plan by Regional Administrator	3
§112.5	Amendment of SPCC Plan by Owner/Operator	4
§112.6	Qualified Facilities Plan Requirements	5
§112.7	General Requirements for SPCC Plans	
§112.7(a)	General Requirements; Discussion of Facility's Conformance with Part 112 Requirements; Facility Description and Diagram; Container Oil Type and Storage Capacity; Discharge Prevention Measures; Discharge and Drainage Controls; Discharge Countermeasures; Recovered Material Disposal; Contact Lists and Phone Numbers	Management Approval, 6, 1-12
§112.7(b)	Failure Analysis	7
§112.7(c)	Secondary Containment and Diversionary Structures	7
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§112.7(j)	Conformance with State Rules, Regulations and Guidelines	18
§112.8	Requirements for Onshore Facilities	
§112.8(a)	General and Specific Requirements	Entire Plan
§112.8(b)	Facility Drainage	19
§112.8(c)	Bulk Storage Containers	20
§112.8(c)(1)	Construction	20
§112.8(c)(2)	Secondary Containment	20
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§112.8(c)(5)	Partially Buried and Bunkered Storage Tanks	20
§112.8(c)(6)	Inspections	13, 20
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Spill Prevention, Control and Countermeasure (SPCC) Plan
Rowland Water District

SPCC Regulation (40 CFR)	Description of Requirement	Section
§112.20(e)	Facility Response Plans	Not Applicable

APPROVAL AND CERTIFICATION

Management Approval

This SPCC Plan has the full approval of Rowland Water District, General Manager, who has the authority and has committed the necessary resources to implement the measures described in this Plan.

Name: Tom Coleman

Signature: 

Title: General Manager

Date: March 21, 2022

Professional Engineer Review and Certification

The undersigned Registered Professional Engineer is familiar with the requirements of Part 112 of Title 40 of the Code of Federal Regulations (40 CFR Part 112) and has visited and examined the facility or has supervised examination of the facility by appropriately qualified personnel. The undersigned Registered Professional Engineer attests that this Spill Prevention, Control, and Countermeasure Plan has been prepared in accordance with good engineering practice, including consideration of applicable industry standards and the requirements of 40 CFR Part 112; that procedures for required inspections and testing have been established; and that this Plan is adequate for the facility. [40 CFR 112.3(d)]

In accordance with 40 CFR 112.3(d)(2), this certification in no way relieves the owner or operator of the facility of his/her duty to prepare and fully implement this SPCC Plan in accordance with the requirements of 40 CFR Part 112. This Plan is valid only to the extent that the facility owner or operator maintains, tests, and inspects equipment, containment, and other devices as prescribed in this Plan.

Name of Professional Engineer: Wendy Sanders
Registration Number: C59211
Issuing State: California



A handwritten signature in black ink, appearing to be "W. Sanders", written over a horizontal line.

Signature

3/21/22
Date

1.0 INTRODUCTION

This Spill Prevention, Control, and Countermeasure (SPCC) Plan is written to comply with the requirements of 40 CFR Part 112. SPCC Plan requirements apply to Rowland Water District (RWD) due to the aggregate aboveground storage capacity of the facility exceeding 1,320 U.S. gallons of oil.

The RWD facility consists of the areas depicted on the Facility Diagram provided in Appendix A and includes a main office, warehouse, material storage areas and parking. Contiguous properties that are not operated by RWD are not addressed in this Plan.

The RWD facility does not meet the substantial harm criteria listed in Attachment C-I to Appendix C to Part 112. The certification form contained in Part 112 Attachment C-II is provided in Appendix B of this Plan.

2.0 PLAN LOCATION

In accordance with 40 CFR Part 112.3(e), a complete copy of this Plan will be maintained at the facility.

3.0 AMENDMENT OF SPCC PLAN BY REGIONAL ADMINISTRATOR

If RWD discharges more than 1,000 U.S. gallons of oil in a single discharge as described in 40 CFR Part 112.1(b) or more than 42 U.S. gallons of oil in each of two discharges as described in 40 CFR Part 112.1(b) within any 12-month period, then it must notify the United States Environmental Protection Agency's (U.S. EPA's) Regional Administrator (RA) within 60 days from the time the discharge occurs. If directed to do so by the RA, RWD must amend this Plan as necessary to meet applicable requirements and/or to prevent and contain discharges from RWD's facility.

4.0 AMENDMENT OF SPCC PLAN BY OWNER/OPERATOR

In accordance with 40 CFR Part 112.5(a), RWD will periodically review and evaluate this Plan for any change in the facility's design, construction, operation, or maintenance that materially affects the facility's potential for an oil discharge, including but not limited to the following:

- Commissioning or decommissioning of containers;
- Reconstruction, replacement, or installation of piping systems;
- Construction or demolition that might alter secondary containment structures; or
- Changes of product, revisions to standard operation, modification of testing/inspection procedures, and use of new or modified industry standards or maintenance procedures.

Technical amendments to the Plan must be certified by a Professional Engineer (P.E.). Non-technical amendments include the following:

- Change in the name or contact information of individuals responsible for the implementation of this Plan; or
- Change in the name or contact information of spill response or cleanup contractors.

Plan amendments must be made no later than 6 months after the change occurs, and the amended Plan must be implemented no later than 6 months from the date of the amendment.

Notwithstanding the above, in accordance with 40 CFR Part 112.5(b), RWD must review this Plan at least once every 5 years.

5.0 QUALIFIED FACILITIES PLAN REQUIREMENTS

Based on its oil storage capacity, RWD does not meet the applicability criteria for a Tier I or Tier II qualified facility.

6.0 GENERAL REQUIREMENTS

6.1 Conformance with SPCC Requirements

RWD's Plan does not deviate from any requirements of Part 112.

6.2 Facility Physical Description

RWD is a water utility that stores and provides potable and recycled water services to the surrounding community. The facility has paved parking areas, a main office building, and three large water storage tanks. An equipment warehouse and material storage areas are on the west side. There is no nearby navigable water. The San Jose Creek is approximately 3 miles north. There are storm drain catch basins in the facility yard that discharge to the Los Angeles County storm drain system that ultimately discharges to the San Jose Creek and the San Gabriel River.

6.3 Facility Oil Storage and Use

Facility oil storage and use is limited to one bulk fuel aboveground storage tank (AST) as described below.

Table 6-1: Fixed Bulk Tanks/Containers

Tank ID	Shell Capacity (gal)	Oil Type	Container Type and Material	Location
Fuel Storage Tank	8,000/2,000 (Split Tank)	Diesel/Gasoline	Coated steel, rectangular, horizontal, dual compartment, double wall, anchored on concrete pad	Yard
Emergency Generator Belly Tank	145	Diesel	Coated steel, rectangular, horizontal, double wall	Yard

The fuel tank is equipped with a fuel dispenser on either end of the tank for dispensing gasoline and diesel. Small-diameter aboveground piping connects the tank to the fuel dispenser. All piping is at the tank. The AST is located within an 8-inch-high concrete tertiary containment dike.

Fuel stored in the fixed bulk tanks at the RWD facility is compatible with the tank construction materials and is stored at ambient temperature and pressure. The tanks do not have heating coils. As of the date of Plan certification, the tank is in good condition.

7.0 POTENTIAL SPILL PREDICTIONS, VOLUMES, RATES, AND CONTROL

Table 7-1 below provides the predicted direction, rate of flow, and total quantity of oil that could be discharged from the facility as a result of each type of major equipment failure. The table also indicates the secondary containment method utilized and the adequacy of such containment versus the reasonably anticipated spill volume based on container and equipment size, location, and typical failure mode.

The calculation of secondary containment capacity for bulk containers not under cover includes an allowance for precipitation associated with a 24-hour, 25-year storm event.

Table 7-1: Containers with Potential for an Oil Discharge

Container/Area	Type of Failure (Discharge Scenario)	Potential Flow Rate and Total Discharge Volume	Direction of Flow for Uncontained Discharge	Secondary Containment Method (Passive Except as Indicated)	Secondary Containment Capacity
Bulk Storage Containers and Mobile/Portable Containers					
Fuel Storage Tank	Primary containment tank corrosion failure or puncture below product level	Gradual to instantaneous Up to 8,000 gallons	North or southeast	Double-walled tank	N/A
Emergency Generator Belly Tank	Primary containment tank corrosion failure or puncture below product level	Gradual to instantaneous Up to 145 gallons	Northwest	Double-walled tank	N/A
Product Transfer Areas (Location Where Oil Is Loaded to or From a Container, Pipe, or Other Piece of Equipment)					
Fuel Storage Tank	Hose rupture during delivery	100 gal/minute 50 gallons	North or southeast	Passive: Tertiary Containment Dike Active: Spill Kit	1,600 Gallons
	Spill, release during dispensing	5 gal/minute 1 gallon	North or southeast	Active: Spill Kit	>25 Gallons
Emergency Generator Diesel Tank	Hose rupture during delivery	50 gal/minute 25 gallons	Northwest	Active: Spill Kit	>25 Gallons

Notes:

N/A – not applicable (double-walled tanks assumed to have effective capacity equivalent to maximum discharge volume).

Fuel tank loading is continuously monitored by on-site employees therefore this type of failure mode would be detected immediately and stopped in less than 1 minute. This is based on the time it would take to communicate with pumping delivery personnel and pump shut down.

8.0 IMPRACTICABILITY

As demonstrated in Section 7, appropriate secondary containment is provided for all oil storage containers and transfer areas. Secondary containment is practicable at this facility.

9.0 DISCHARGE PREVENTION MEASURES

9.1 Bulk and Mobile Containers

Oil handling processes and discharge prevention measures related to bulk containers are summarized in the following table.

Table 9-1: Oil Handling and Discharge Prevention Measures

Oil Handling Process	Discharge Prevention Measures
Receiving bulk fuel deliveries	<ul style="list-style-type: none"> ▪ All transfer operations must be constantly attended. ▪ All transfer operations performed by trained bulk fuel delivery personnel. ▪ Visible tank level indication at all tanks. ▪ Elevated fluid levels at fuel storage tank trigger both warning lights and audible alarms; visual alarms at emergency generator tank. ▪ Fuel Storage tank equipped with Veeder-Root system equipped with level sensors, interstitial space leak detection, and water sensors. ▪ Prior to filling and departure, closely inspect for discharges of the lowermost drain and all outlets of vehicle.
Dispensing Fuel	<ul style="list-style-type: none"> ▪ All transfer operations must be constantly attended. ▪ Access to dispensers restricted via cardlock system. ▪ Mechanical fuel register ▪ Dispenser nozzles equipped with spring release mechanism that stops flow when hand released.

10.0 DRAINAGE CONTROL, DIVERSIONARY STRUCTURES, AND CONTAINMENT

Drainage control, diversionary structures, and containment for each oil container, piece of equipment, and handling area are summarized in Table 7-1. All containment areas are constructed of materials impervious to oil (i.e., steel, concrete).

11.0 DISCHARGE DISCOVERY, RESPONSE, AND CLEANUP

11.1 Discharge Discovery

A spill is most likely to occur as the result of facility personnel actions; therefore, oil discharges are likely to be discovered within a relatively short period of time.

Upon discovery of an oil discharge, RWD personnel would determine whether the spill is incidental or not. Incidental spills are those that result from routine operations and do not affect areas, equipment, or personnel beyond the immediate location of the release. Any release not meeting these criteria must be reported as described below.

11.2 Immediate Discharge Reporting and Response

Immediate discharge reporting and response will be performed as specified on the first page of this Plan, including use of the form provided in Appendix C.

11.3 Spill Response and Cleanup

Spill response should follow the steps below after immediate discharge reporting and response has been performed:

1. Stop ongoing release by shutting down equipment, isolating piping, etc.
2. Contain the release by closing valves or deploying spill control materials in the path of the oil spill.
3. Isolate the areas impacted by the spill.
4. Develop a spill cleanup plan. The plan should briefly outline cleanup tasks, specify key safety procedures, identify the supplies to be used and where they will be obtained, and identify RWD personnel and contractor responsibilities, including designating an overall spill manager. The cleanup plan does not need to be written, but it needs to be presented in a briefing to cleanup personnel prior to beginning cleanup operations. All personnel performing spill cleanup must have had training in oil handling.
5. Utilize spill control and cleanup materials, pumps, etc. to remove bulk oil from ground surfaces, equipment, etc.
6. Utilize steam cleaning, pressure washing, and hand wiping to remove residual oil from ground and equipment surfaces that could be exposed to rainfall, or where the residual oil may otherwise present a risk of potential oil release to the environment.
7. If oil has impacted soil or surface water, remove impacted materials to the extent possible, and seek guidance on cleanup standards from management and/or regulatory agencies.

11.4 Written Notifications

Written follow-up reports are required as soon as practicable to the California Governor's Office of Emergency Services, the Los Angeles County Fire Department [the Certified Unified Program Agency (CUPA)], and the United States Coast Guard National Response Center if the release equals or exceeds the federal reportable quantity of 42 gallons of oil.

Additionally, if RWD discharges more than 1,000 U.S. gallons of oil in a single discharge as described in 40 CFR Part 112.1(b) or more than 42 U.S. gallons of oil in each of two discharges as described in 40 CFR Part 112.1(b) within any 12-month period, then it must provide the following information to the U.S. EPA's RA within 60 days from the time the discharge occurs:

1. Facility name;
2. Contact person's name;
3. Location of the facility;
4. Maximum storage and handling capacity of the facility;
5. Corrective actions and countermeasures taken, including a description of equipment repairs and replacements;

6. Description of the facility, including maps, flow diagrams, and topographical maps;
7. Cause of such discharge, including a failure analysis of the system or subsystem in which the failure occurred;
8. Additional preventive measures taken or to be taken to minimize the possibility of recurrence; and
9. Any other information the RA may reasonably require pertinent to the Plan.

RWD must also submit a complete copy of the information furnished to the RA to the appropriate agencies in charge of oil pollution control activities in California.

11.5 Waste Disposal

Oily wastes generated by oil spill response may or may not be managed as “California-only” hazardous waste (i.e., not a federally regulated hazardous waste). If managed as a California-only hazardous waste, California hazardous waste management standards require such wastes to be:

- Containerized in compatible, non-leaking containers such as drums, boxes, or roll-off bins, which are inspected weekly while the waste is being held on-site.
- Labeled with the words “HAZARDOUS WASTE – State and Federal Law Prohibit Improper Disposal. If found, contact the nearest police or public safety authority, the U.S. Environmental Protection Agency, or the California Department of Health Services”, the generator’s name and address, the proper Department of Transportation (DOT) shipping name, the generator’s EPA Identification Number, the Uniform Hazardous Waste Manifest number, and the shipping identification number.
- Held on-site for (generally) a maximum of 180 days before being shipped for off-site disposal by a licensed transporter to a permitted treatment, storage, or disposal facility.

If oily wastes are not California-regulated as hazardous, they still will be appropriately contained in drums, bins, tanks, or tanker trucks and transported off-site for disposal.

12.0 SPILL CONTROL EQUIPMENT AND MATERIALS

The facility’s inventory of spill control equipment and materials is provided in Appendix D.

13.0 INSPECTIONS, TESTS, AND RECORDS

In accordance with good engineering practice and in consideration of recognized industry standards, RWD is implementing the testing and inspection recommendations specified in the Steel Tank Institute’s (STI’s) *Standard for the Inspection of Aboveground Storage Tanks SP001*, 6th Edition, issued January 2018 (SP001). The following summarizes RWD’s AST inspection requirements in accordance with SP001’s AST category designation scheme and table of inspection schedules.

Table 13-1: Inspection and Testing Summary

Tank ID	Shell Capacity (gal)	Continuous Release Detection?	Spill Control?	AST Category	Inspection Schedule Per STI SP001 Table 5.5
Fuel Storage Tank	8,000/2000 gal	Yes –annular space is monitored by leak sensor	Yes – Secondary Containment AST	1	Monthly and Annual Inspection; Formal External Inspection every 20 years
Emergency Generator Belly Tank	145 gal	Yes –annular space is monitored by leak sensor	Yes – Secondary Containment AST	1	Monthly and Annual Inspection

Checklists for monthly and annual inspections performed by RWD are provided in Appendix E. RWD personnel performing tank inspections are required to be familiar with RWD and each container’s components and operation. All formal external inspections under the SP001 standard must be performed by a certified STI inspector.

Records of tests and inspections, including inspections performed by outside service companies or manufacturer representatives, will be maintained for a period of at least 3 years.

14.0 PERSONNEL, TRAINING, AND DISCHARGE PREVENTION PROCEDURES

The RWD staff member accountable for discharge prevention and who reports to facility management is:

Name: Elisabeth Mendez

Title: Compliance and Safety Coordinator

Oil-handling personnel at RWD’s facility will be trained in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; and the requirements of the facility SPCC Plan.

Refresher briefings on discharge prevention will be conducted annually to ensure continued familiarity with this Plan.

15.0 SECURITY

The RWD facility is secured by site fencing and security cameras. The facility is sufficiently illuminated by lights at night to deter vandalism and aid in the detection of a spill or situations that may result in a spill. The loading and unloading connections are capped when not in service or when in standby service for extended time. The starter controls for fuel pumps, including the dispenser pump, are accessible only to authorized personnel. The controls for the emergency generator are located within the locked genset. The diesel and gas dispensers are accessible only via a cardlock system. The drain valves are maintained in the closed position when in non-operating or standby status.

16.0 FACILITY TANK CAR AND TANK TRUCK LOADING/UNLOADING RACKS

The RWD facility does not have a facility loading/unloading rack as defined in the SPCC regulations.

17.0 FIELD-CONSTRUCTED CONTAINERS

RWD has no field-constructed containers.

18.0 CONFORMANCE WITH STATE REQUIREMENTS

The State of California's Aboveground Petroleum Storage Act (APSA) requires compliance with the federal SPCC rules, but it does not specify any additional discharge prevention and containment measures. There are no other State rules, regulations, or guidelines that specify more stringent requirements for oil storage and handling.

19.0 FACILITY DRAINAGE

Drainage at the RWD facility sheet-flows towards the northeast. There are storm drain catch basins within the paved area of the site that discharge to the Los Angeles County municipal storm drain system. The fuel storage tank is located within a concrete containment dike. The dike is equipped with a drainage valve that is normally closed. Any accumulated water in the dike would be drained by responsible personnel only after examining the water for indications of the presence of oil. Spills or leaks into the tank tertiary containment area should be pumped into drums and managed as hazardous waste in accordance with local, State, and federal regulations (see Section 10.4).

20.0 BULK STORAGE CONTAINERS

20.1 Construction

As indicated in Table 6-1, all bulk storage containers at the RWD facility are constructed of steel. All bulk storage containers are compatible with the material stored and conditions of storage.

20.2 Secondary Containment

Sized secondary containment is provided for all bulk containers as described in Table 7-1.

20.3 Drainage of Diked Areas

Drainage of the tertiary containment dike is performed by responsible personnel only after examining the water for indications of the presence of oil. If evidence of a sheen or coagulated oil is noted, the water is removed and containerized for off-site disposal at an appropriately licensed facility.

20.4 Completely Buried Metallic Storage Tanks

There are no completely buried metallic storage tanks at the facility.

20.5 Partially Buried and Bunkered Storage Tanks

There are no partially buried or bunkered storage tanks at the facility.

20.6 Container Testing and Inspection

Testing and inspection routines for bulk storage containers are detailed in Section 13 of this Plan. Records are maintained of all tests and inspections.

20.7 Heating Coils

There are no storage tanks equipped with heating coils at the facility.

20.8 Overfill Protection Systems

Table 20-1 summarizes overfill protection systems for non-mobile RWD containers that are filled on-site:

Table 20-1: Overfill Protection Systems – Fixed Tanks

Tank	Manual or Automatic Fill	Visual Tank Level Indication?	Electronic Level Indication/Alarm?	Other Overfill Protection Method
Fuel Storage Tank	Manual	Yes	Yes	Operational Procedures
Emergency Generator Belly Tank	Manual	Yes	Yes	Operational Procedures

The proper operation of overflow protection systems is verified as part of periodic container inspections.

20.9 Effluent Treatment System Observations

There is no effluent treatment system at RWD.

20.10 Visible Discharges from Containers

RWD promptly corrects visible discharges which result in a loss of oil from a container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts. RWD promptly removes any accumulations of oil in the containment area surrounding bulk containers.

20.11 Mobile and Portable Container Containment

There are no mobile or portable containers at the facility.

21.0 FACILITY TRANSFER OPERATIONS

21.1 Buried Piping

There is no buried piping at the facility.

21.2 Out of Service and Extended Standby Service Piping

There is no out of service or extended standby service piping at RWD's facility.

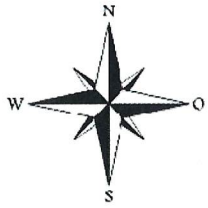
21.3 Pipe Supports

The only aboveground piping related to bulk storage is small runs of piping, located at the tank, which are relatively short with minimal expansion and contraction expected.

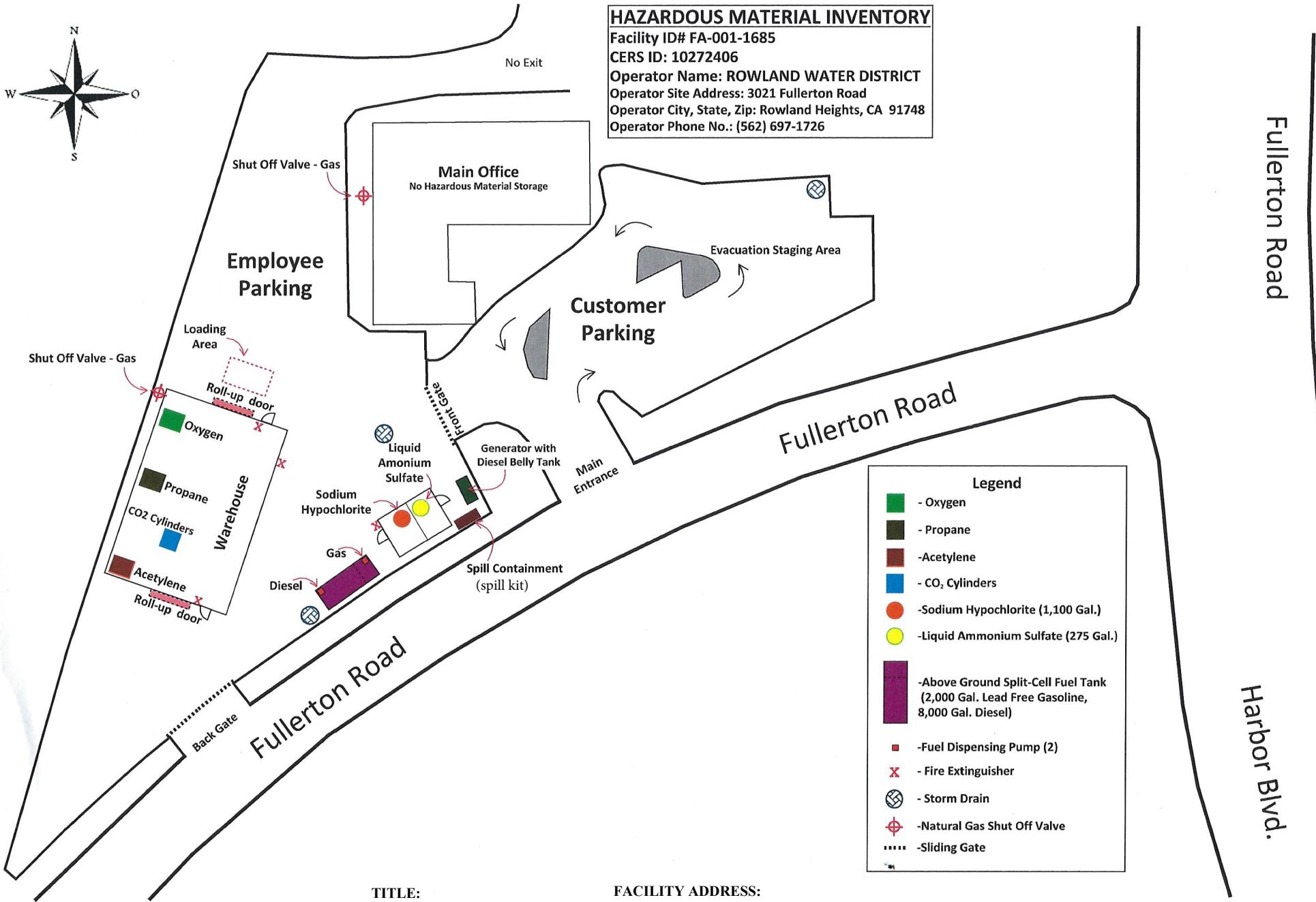
21.4 Vehicle Traffic

There is no oil piping exposed to vehicle traffic. Traffic bollards surround the fuel storage tank.

APPENDIX A – FACILITY DIAGRAM



HAZARDOUS MATERIAL INVENTORY
 Facility ID# FA-001-1685
 CERS ID: 10272406
 Operator Name: ROWLAND WATER DISTRICT
 Operator Site Address: 3021 Fullerton Road
 Operator City, State, Zip: Rowland Heights, CA 91748
 Operator Phone No.: (562) 697-1726



Legend	
■	- Oxygen
■	- Propane
■	-Acetylene
■	- CO ₂ Cylinders
●	-Sodium Hypochlorite (1,100 Gal.)
●	-Liquid Ammonium Sulfate (275 Gal.)
■	-Above Ground Split-Cell Fuel Tank (2,000 Gal. Lead Free Gasoline, 8,000 Gal. Diesel)
■	-Fuel Dispensing Pump (2)
✕	- Fire Extinguisher
	- Storm Drain
	-Natural Gas Shut Off Valve
⋯	-Sliding Gate

TITLE:
 Rowland Water District
 Facility Diagram

FACILITY ADDRESS:
 3021 Fullerton Road
 Rowland Heights, CA 91748

**APPENDIX B – CERTIFICATION OF THE APPLICABILITY OF THE
SUBSTANTIAL HARM CRITERIA**

**ATTACHMENT C-II - CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL
HARM CRITERIA**

Facility Name: Rowland Water District

Facility Address: 3021 Fullerton Road, Rowland Heights, CA 91748

1. Does the facility transfer oil over water to or from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?

Yes No

2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground storage tank area?

Yes No

3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in 40 CFR §112 Appendix C, Attachment C-III or a comparable formula) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments?

Yes No

4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in 40 CFR §112 Appendix C, Attachment C-III or a comparable formula) such that a discharge from the facility would shut down a public drinking water intake?

Yes No

5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?

Yes No

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature



Name (Please Type or Print)

Tom Coleman

Title

General Manager

Date

March 21, 2022

APPENDIX C – DISCHARGE NOTIFICATION FORM

Part A: Discharge Information		
General information when reporting a spill to outside authorities: Facility: Rowland Water District Owner/Operator: Rowland Water District Address: 3021 Fullerton Road, Rowland Heights, CA 91748 Primary Contact: Telephone: Cell (24 Hours):		
Type of Oil:	Discharge Date and Time:	
Quantity Released:	Discovery Date and Time:	
Quantity Released:	Discharge Duration:	
Location/Source of spill:		
Actions taken to stop, remove, and mitigate impacts of the discharge:		
Injuries, fatalities, or evacuation required?		
Affected Media: <input type="checkbox"/> Water <input type="checkbox"/> Soil	Affected areas: <input type="checkbox"/> Building Interior or Building Drain Sumps <input type="checkbox"/> Building Exterior <input type="checkbox"/> Drainage Trenches <input type="checkbox"/> Other: _____	
Facility employee making notification:		
Telephone number of employee making notification:		
Part A: Agency Notification Checklist – Any Non-Incidental Spill in Any Amount		
Agency	Date and Time of Report	Name of Person Receiving Call/ Report Number
LA County Fire Department (CUPA) (323) 890-4317		
California Governor’s Office of Emergency Services (800) 852-7550		

Spill Prevention, Control and Countermeasure (SPCC) Plan
Rowland Water District

Part B: Agency Notification Checklist – Spills Which Cause a Sheen on Receiving Water or Which Enter Storm Drain		
US Coast Guard National Response Center (800) 424-8802		
California Fish and Wildlife Office of Spill Prevention and Response (916) 445-9338 (covered by call to OES)		
Los Angeles Regional Water Quality Control Board (213) 576-6600		
Los Angeles County Department of Public Works (800) 675-4357 (24-hour emergency line)		

APPENDIX D – DISCHARGE RESPONSE EQUIPMENT INVENTORY

The following oil discharge response equipment and materials inventory is maintained at the facility. The inventory is designed to be used as a periodic inspection checklist, if desired.

Equipment/Materials	Minimum Quantity	Location(s)	Checked By/Date
15x19" Absorbent Pads	50	Fuel Storage Tank Spill Kit	
3"x12' Sorbent Socks	4	Fuel Storage Tank Spill Kit	
18"x18" Absorbent Pillows	8	Fuel Storage Tank Spill Kit	
Nitrile Gloves, goggles	1 pair	Fuel Storage Tank Spill Kit	
Disposal Bags	5	Fuel Storage Tank Spill Kit	
Emergency Handbook	1	Fuel Storage Tank Spill Kit	

APPENDIX E – INSPECTION CHECKLISTS

Inspection Date: _____

Retain Until: _____

Prior Inspection Date: _____

(36 months from inspection date)

Inspector Name: _____

Inspector Signature: _____

A 'Yes' answer is indicative that everything is functioning as intended while a 'No' answer indicates that corrective action(s) are needed. For each 'No' answer, a comment or corrective action must be identified. For those items were N/A is not an acceptable response, a dash (-) is present instead of a box.

ITEM	TASK	FUEL STORAGE TANK			E-GEN BELLY TANK			TANK			COMMENTS/ CORRECTIVE ACTIONS
		Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
1	Is tank exterior (roof, shell, heads, bottom, connections, fittings, valves, etc.) free of visible leaks? Note: If "No", identify tank and describe leak and actions taken.	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
2	Is the tank liquid level gauge legible and in good working condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	Is the area around the tank (concrete surfaces, ground, containment, etc.) free of visible signs of leakage?	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
4	Is the primary tank free of water or has another preventative measure been taken? NOTE: Refer to paragraphs 6.10 and 6.11 of the standard for alternatives for Category 1 tanks. N/A is only appropriate for these alternatives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Note: Fuel Storage Tank equipped with electronic water sensor. Confirm lack of water at monitoring panel.
5	For double-wall or double bottom tanks or CE-ASTs, is interstitial monitoring equipment (where applicable) in good working condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	For double-wall tanks or double bottom tanks or CE-ASTs, is interstice free of liquid? Remove the liquid if it is found. If tank product is found, investigate possible leak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	If overfill equipment has a "test" button, does it activate the audible horn or light to confirm operation? If battery operated, replace battery if needed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ITEM	TASK	FUEL STORAGE TANK			E-GEN BELLY TANK			TANK			COMMENTS/ CORRECTIVE ACTIONS
		Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
8	Is overfill prevention equipment in good working condition? If it is equipped with a mechanical test mechanism, actuate the mechanism to confirm operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	Is the spill container (spill bucket) empty, free of visible leaks and in good working condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	Are piping connections to the tank (valves, fittings, pumps, etc.) free of visible leaks? Note: If "No", identify location and describe leak.	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
11	Do the ladders/platforms/walkways appear to be secure with no sign of severe corrosion or damage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	Is the containment free of excess liquid, debris, cracks, corrosion, erosion, fire hazards and other integrity issues?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	Are dike drain valves closed and in good working condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	Are containment egress pathways clear and any gates/doors operable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	Is the system free of any other conditions that need to be addressed for continued safe operation?	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		

Comments/Corrective Actions:

Inspection Date: _____
Prior Inspection Date: _____
Inspector Name: _____

Retain Until: _____
 (36 months from inspection date)
Inspector Signature: _____

ITEM	TASK	FUEL STORAGE TANK			E-GEN BELLY TANK			TANK			COMMENTS/ CORRECTIVE ACTIONS
		Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
TANK FOUNDATION/SUPPORTS											
1	Free of tank settlement or foundation washout?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	Concrete pad or ring wall free of cracking and spalling?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	Tank supports in satisfactory condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	Is water able to drain away from tank if tank is resting on a foundation or on the ground?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	Is the grounding strap between the tank and foundation/supports in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TANK SHELL, HEADS AND ROOF											
6	Free of visible signs of coating failure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	Free of noticeable distortions, buckling, denting, or bulging?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	Free of standing water on roof?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	Are all labels and tags intact and legible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TANK MANWAYS, PIPING, AND EQUIPMENT											
10	Flanged connection bolts tight and fully engaged with no sign of wear or corrosion?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TANK EQUIPMENT											
11	Normal and emergency vents free of obstructions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ITEM	TASK	FUEL STORAGE TANK			E-GEN BELLY TANK			TANK			COMMENTS/ CORRECTIVE ACTIONS
		Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
12	Normal vent on tanks storing gasoline equipped with pressure/vacuum vent?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	Are flame arrestors free of corrosion and are air passages free of blockage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	Is the emergency vent in good working condition and functional, as required by the manufacturer? Consult manufacturer's requirements. Verify that components are moving freely (including long-bolt manways).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	Is interstitial leak detection equipment in good condition? Are windows on sight gauges clear? Are wire connections intact? If equipment has a test function, does it activate to confirm operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	Are all valves free of leaks, corrosion, and other damage? Follow manufacturers' instructions for regular maintenance of these items. <ul style="list-style-type: none"> • Anti-Siphon Valve • Check valve • Gate valve • Pressure regulator valve • Expansion relief valve • Solenoid valve • Fire valve • Shear valve 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	Are strainers and filters clean and in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TANK/PIPING RELEASE DETECTION											
18	Is inventory control being performed and documented if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	Is release detection being performed and documented if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ITEM	TASK	FUEL STORAGE TANK			E-GEN BELLY TANK			TANK			COMMENTS/ CORRECTIVE ACTIONS
		Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
OTHER EQUIPMENT											
20	Are electrical wiring and boxes in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Comments/Corrective Actions:

APPENDIX F – DIKE DRAINAGE LOG

This record must be completed when rainwater from diked areas is drained onto the ground. The bypass valve must normally be sealed in closed position. It must be opened and resealed following drainage under responsible supervision.

Discharge ONLY if there is no presence of oil or visible sheen.

Date/Time	Area	Rainwater inspected to be sure no oil (or sheen) is visible?	Name/Signature of Inspector	Close valve after release?	Observations