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SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

University of California, Santa Barbara

Santa Barbara, California

Prepared for

University of California, Santa Barbara
Environmental Health and Safety
565 Mesa Road, Santa Barbara, California 93106-5132

Prepared by

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Project CWR0796

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MANAGEMENT APPROVAL (40 CFR 112.7)

University of California, Santa Barbara (UCSB; Facility) is committed to maintaining the highest standards for preventing discharges of oil to navigable waters and to the environment through the implementation of this Spill Prevention Control and Countermeasure (SPCC) Plan. UCSB fully approves this SPCC Plan and has committed the necessary resources to implement the measures described herein.

Ali Aghayan is the designated person and Facility response coordinator accountable for oil spill prevention at the UCSB Facility and has the authority to commit the necessary resources to implement the SPCC Plan.

Authorized Facility Representative: Ali Aghayan

Signature: DocuSigned by: Ali Aghayan 7BB2B13468C9478...

Title: Environmental Health Program Manager

Date: 6/24/2024

PROFESSIONAL ENGINEER CERTIFICATION (40 CFR 112.3(D))

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 a qualified person. The undersigned Registered Professional Engineer attests that this Spill Prevention Control and Countermeasure (SPCC) Plan has been prepared in accordance with good engineering practices, including consideration of applicable industrial standards and the requirements of the 40 CFR Part 112. The undersigned has also overseen the development of procedures for inspections and testing and that this SPCC Plan is adequate and appropriate for the Facility.

Professional Engineer: Charles M. Andrews, P.E.

Signature:

Date: 6/24/2024

Registration Number: C78435

State: California

Expiration Date: September 30, 2025

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ACRONYMS AND ABBREVIATIONS

APSA	Aboveground Petroleum Storage Act
AST	Aboveground Storage Tank
CFR	Code of Federal Regulations
CUPA	Certified Unified Program Agency
DOT	Department of Transportation
EH&S	Environmental Health & Safety
EPA	United States Environmental Protection Agency
Facility	University of California, Santa Barbara, in the County of Santa Barbara, California.
FM	Facilities Management
gal	Gallon
HDAE	Housing, Dining & Auxiliary Enterprises
L	Liter
PCB	Polychlorinated biphenyls
RCRA	Resource Conservation and Recovery Act
SP001	Steel Tank Institute Standard SP001 February 2024 7th Edition
SPCC	Spill Prevention Control and Countermeasure
STI	Steel Tank Institute
UCSB	University of California, Santa Barbara

SPCC CROSS REFERENCE

Provision*	Plan Section	Page(s)
112.1	General applicability	1
112.2	Definitions	1, Appendix A
112.3	Preparation of SPCC Plan	2
112.3(d)	Professional Engineer certification	ii
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* Only relevant rule provisions are included.

1. INTRODUCTION

1.1 General [40 CFR 112.1]

By order of the United States Environmental Protection Agency (EPA), Part 112 of Title 40 of the Code of Federal Regulations (40 CFR 112) – Oil Pollution Prevention, all owners or operators of non-transportable-related onshore and offshore facilities engaged in drilling, producing, gathering, storing, processing, refining, transferring, distributing or consuming oil and oil products, which due to their location, could reasonably be expected to discharge oil in harmful quantities shall prepare a Spill Prevention Control and Countermeasure (SPCC) Plan unless the Facility can demonstrate that the following exemptions apply.

- On-shore and off-shore facilities, which, due to their location, could not reasonably be expected to discharge oil into or upon the navigable waters of the United States or adjoining shorelines;
- The underground buried storage capacity of the Facility is 42,000 gallon (gal) (159,000 Liter [L]) or less;
- The storage capacity, which is not buried, of the Facility is 1,320 gal (5,000 L) or less of oil, provided no single container has a capacity in excess of 660 gal (2,500 L).

Based on the above exemption requirements, University of California, Santa Barbara (UCSB) is required to prepare an SPCC Plan for its Facility in accordance with 40 CFR 112.7. The primary objectives of the SPCC Plan for the Facility are as follows:

- Prevent the occurrence of spills of oil and other regulated materials (i.e., gasoline, diesel, hydraulic oil, etc.) by the use of good engineering and management controls;
- Prevent the discharge of oil and other regulated materials into navigable waters of the United States;
- Prevent contamination of the environment;
- Prevent exposure to on-site personnel and the community; and
- Provide an expeditious and effective spill response plan to minimize the potential for environmental impairment.

1.2 Definitions [40 CFR 112.2]

The SPCC Plan includes several terms that have a specific definition for compliance with 40 CFR Part 112. These terms are defined in **Appendix A**.

2. REQUIREMENT TO PREPARE AND IMPLEMENT SPCC PLAN [40 CFR 112.3]

2.1 Preparation of SPCC Plan [40 CFR 112.3]

This SPCC Plan for UCSB meets the requirements of 40 CFR 112.3 which states the preparation and implementation regulations for an SPCC Plan.

2.2 Location of SPCC Plan [40 CFR 112.3(e)]

In accordance with 40 CFR 112.3 (e), a current and complete version of the SPCC Plan is kept in the SPCC Plan Coordinator's office at UCSB in the County of Santa Barbara, California (Facility).

3. AMENDMENT OF SPCC PLAN BY REGIONAL ADMINISTRATOR [40 CFR 112.4]

If the Facility (i) discharged more than 1,000 gal of oil in a single discharge as described in 40 CFR 112.1(b); or (ii) discharged more than 42 gal of oil in each of two discharges occurring within a 12-month period, the Facility must submit to the EPA Regional Administrator, within 60 days, the following information:

- Name of the Facility;
- SPCC Plan Coordinator name;
- Location of the Facility;
- Maximum storage or handling capacity of the Facility and normal daily throughput;
- Corrective action and countermeasures taken, including of equipment repairs and replacements;
- An adequate description of the Facility, including maps, flow diagrams, and topographical maps, as necessary;
- The cause of such discharge, including a failure analysis of the system or subsystem in which the failure occurred;
- Additional preventive measures taken or contemplated to minimize the possibility of recurrence; and
- Such other information as the Regional Administrator may reasonably require pertinent to the Plan or discharge.

4. AMENDMENT OF SPCC PLAN BY OWNER/OPERATOR [40 CFR 112.5(A), (B), (C)]

In accordance with 40 CFR 112.5(b), a review and evaluation of this SPCC Plan should be conducted at least once every five years. As a result of this review and evaluation, the SPCC Plan will be amended within six months of the review to include more effective prevention and control technology if: (1) such technology will significantly reduce the likelihood of a spill event from the Facility, and (2) if such technology has been field-proven at the time of review. Furthermore, the SPCC Plan shall be amended within six months after a change in the Facility design, construction, operation, or maintenance, that could adversely affect the Facility's potential for a discharge of oil or other regulated material to navigable waters of the United States or adjoining shorelines. Any amendments to the SPCC Plan shall be certified by a registered Professional Engineer. Reviews and amendments to the SPCC Plan should be documented in **Table 4-1**.

Table 4-1: Date of Reviews and Amendments to the SPCC Plan

SPCC Plan Review Date	Authorized Individual	Summary of Amendments(1)
1. February 13, 1996	Ray Aronson	Original Document
2. November 9, 2012	Pamela Lombardo/ Environmental Health & Safety (EH&S) Director	Five-year review; reevaluation; update of previous iteration.
3. October 20, 2017	Renée Bahl/Associate Vice Chancellor	Five-year review; reevaluation; update of previous iteration.
4. October 9, 2023	Ali Aghayan/ Environmental Health Program Manager	Five-year review; updated document format; updated oil storage inventory; updated tables and figures; updated inspection checklists; specified overfill prevention methods
5. June 24, 2024	Ali Aghayan/ Environmental Health Program Manager	Updated oil storage inventory; updated tables, figures, and appendices based on the updated oil storage inventory; updated inspection checklist based on STI SP001 7th edition.

Notes: Any technical amendments must be certified by a Professional Engineer [40 CFR 112.5(c)]

5. GENERAL FACILITY INFORMATION [40 CFR 112.7(A)(3)]

5.1 Company Information

Name of Facility:	University of California, Santa Barbara
Type of Facility:	Academic Institution
Address:	University of California, Santa Barbara Environmental Health & Safety Bldg. # 565 Santa Barbara, CA 93106
Phone Number:	(805) 893-7534

5.2 Contact Information

The designated personnel responsible for implementing the elements of the SPCC Plan are provided in **Table 5-1**. The Environmental Compliance Manager is designated as the SPCC Plan Coordinator.

Table 5-1: Facility Contact Information

Name	Title	Telephone	Address
Mason King	Environmental Compliance Manager, SPCC Plan Coordinator	Office: (805) 893-8997	UCSB Environmental Health & Safety Bldg. #565, Santa Barbara, CA 93106
Ali Aghayan	Environmental Health Program Manager	Office: (805) 893-8533	UCSB Environmental Health & Safety Bldg. # 565, Santa Barbara, CA 93106
Allison Andrade	Environmental Compliance Specialist	Office: (805) 893-5252	UCSB Environmental Health & Safety Bldg. # 565, Santa Barbara, CA 93106

5.3 Facility Location and Operations

The Facility is located at University of California, Santa Barbara, in the County of Santa Barbara, California. The Facility is bordered by open fields, residential areas, and the Pacific Ocean. The site phone number is (805) 893-7534. UCSB is situated on a promontory, Goleta Point, and discharges directly to surrounding water bodies. A location map for this Facility is presented as **Figure 1**.

The campus facilities include, but are not limited to, housing, food services, lecture halls/classrooms, science and research laboratories, aquarium/marine science laboratories, athletic fields, aquatics/swimming pool, Facility maintenance, and parking facilities. A site plan of the Facility is shown in **Figure 2** and **Figure 3**. Features identified on the layout include oil storage areas, spill kit locations, storm drain locations, and the property boundary.

5.4 Oil Storage and Handling [40 CFR 112.7(b)]

The total oil storage at the Facility is approximately 85,283 gallons. The Facility is therefore considered a regulated Facility under 40 CFR 112 and is subject to the requirements of the SPCC Rule.

Oil products are used throughout the Facility primarily for vehicle fueling and generator fueling. The oil utilized in the Facility is stored in aboveground storage tanks (ASTs), totes, drums, and oil-filled equipment. The oil-filled equipment at the Facility meets the requirements to be excluded from the definition of "aboveground storage tanks" in reference to the Aboveground Petroleum Storage Act (APSA) Section 25270.2(a)(4) and are therefore not APSA regulated. The oil storage containers are listed in **Table 7-1**, **Table 7-2**, **Table 7-3**, and **Table 7-4**. **Figure 2** includes a diagram of the Facility, showing the location of the oil storage tanks (55 gallons or more). **Figure 3** includes a diagram of the Facility, showing the location of the oil-filled equipment (55 gallons or more). Diagrams of selected tanks and photos of the containers are provided in **Appendix B**.

5.5 Truck Unloading/Loading Procedures [40 CFR 112.7(h)]

Fuel is distributed to the oil storage tanks by vendors using fuel dispensing trucks on a periodic basis. The hoses and connections used with these trucks for dispensing fuel may be subject to breakage and leakage and present a potential spill source, as do the trucks themselves.

During unloading and loading process, fuel delivery trucks will park on impervious, paved areas adjacent to the oil storage tanks. The driver will remain with the truck while the tank is being filled and sorbent pads will be kept in the trucks to contain minor spillage. Detailed procedures are as follows:

1. The tank truck operator and Facility personnel will be in attendance during the entire hook-up, transfer, and disconnect process.

2. The tank truck operator will ensure fill lines are properly connected and that the receiving tank can safely receive the volume to be delivered. In addition, wheel chocks will be used to prevent the tank truck from departing before complete disconnection of loading/unloading equipment.

3. Drip buckets or other containers will be placed under couplings to collect any hose leaks. This collected material will be added back to the tank truck.

4. The tank level will be recorded prior to and after transfer operations. The tank level will be monitored using the fill gauge during transfer operations. Do not fill the tanks more than 90% full.

5. Transfer operations will begin only after items 1 through 3 have been completed. During the transfer cycle, the tank truck operator must be present and within reach of the hose, pump, couplings, and shutdown switches and valves.

6. After transfer is complete, all valves will be closed, and pipe plugs and caps replaced.

7. In the event of a spill during loading and unloading procedures, any major spill would be contained by the absorbent materials. Any leakage or spillage, including quantity, will be

immediately reported to the SPCC Coordinator. The absorbed material will be picked up with a sweeping brush and shovel and place in a 'Used Absorbent' receptacle before disposal as hazardous wastes.

5.6 Facility Diagram [40 CFR 112(a)(3)]

A site plan showing the location of ASTs and storage containers that are regulated under CFR 40 part 112 is illustrated in **Figure 2** and **Figure 3**. The figures include descriptions of the contents of each tank and the tank capacity.

5.7 Proximity to Navigable Waters

According to 40 CFR 110.1, the Devereaux Lagoon, Tecolotito Creek, Goleta Slough, and the Pacific Ocean are the closest navigable waters to the Facility. The Facility is immediately surrounded by the abovementioned water bodies, open fields, and residential areas. Given the Facility location and the quantities of oil and other regulated materials stored, it is possible that a spill may reach navigable waters of the United States.

5.8 Conformance with Applicable State and Local Requirements [40 CFR 112.7(j)]

Since this plan was developed to conform to 40 CFR part 112, all state and local requirements for potential oil pollution facilities have been met. Any discharge notifications that are made at the Facility will be in compliance with local, state, and federal requirements.

6. SPILL RESPONSE AND REPORTING [40 CFR 112.7 (A)(3)(III), (IV), (V), (A)(5)]

Prompt spill response is the best means of minimizing any impact to the environment and preventing discharges to waters of the United States. In the event of a significant spill of a regulated substance, the employee who first identifies the spill will immediately notify the following personnel in the given order (see Table 5-1):

1. Environmental Compliance Manager (SPCC Plan Coordinator) and Environmental Health Program Manager (Authorized Individual and Assistant SPCC Plan Coordinator)
2. Environmental Compliance Specialist (Assistant SPCC Plan Coordinator)

If none of the above personnel are available, then the person who identified the spill will assume the responsibility for implementing the emergency spill response procedures provided that he/she has been trained on employee health and safety, spill response, and on the implementation of this SPCC Plan. The National Response Center, federal, state and local agencies as well as spill response contractors can also be notified as appropriate. The following sections provide the spill response procedures that should be followed in the event of a significant spill of oil or other regulated substance.

6.1 Assessment of Hazards

Upon notification of an oil related spill, the SPCC Plan Coordinator will evaluate the hazard potential of a spill response by determining the following factors:

- The substance spilled and its hazard potential;
- Volume of the spill and the extent of spreading; and
- The source of the leakage/spill.

The SPCC Plan Coordinator will evaluate the potential hazard to employees and to the surrounding public from the substance spilled. If a spill is determined to be of such a magnitude that it cannot be safely and effectively controlled by Facility personnel, then the coordinator will initiate an evacuation and promptly notify outside emergency response agencies and/or contractors to implement spill control and clean up.

6.2 Spill Containment

Upon determining the hazard potential of a spill, the SPCC Plan Coordinator will direct employees trained in spill response to obtain the appropriate response materials. Upon obtaining the proper spill response equipment, the spill responder(s) will first attempt to contain the spill to prevent its entry into any form of conveyance that eventually discharges to the waters of the United States. Examples of equipment and media that can be used to contain spills include sand, absorbent materials (e.g., sawdust or floor sweep/“kitty litter”), hay bales, absorbent pillows, socks, and earthen berms.

6.3 Elimination of Spill Source

While the spill is being contained, other spill responders will attempt to seal or otherwise stop the source of the spill. If only one spill responder is available, then spill containment should be completed before the spill source is stopped. Common methods of eliminating a spill source include closing valves, applying leak-stopping compounds for pinhole leaks, drum over packs, deactivating pumps, and diverting flow to another pathway if this pathway does not allow the spill to enter navigable waters of the United States.

6.4 Spill Remediation

Once the spill is contained and the source is eliminated, the spill responder(s) will collect the spilled material in the appropriate manner and place the material into secure containers. The area or surface in contact with the spilled material will be decontaminated by an appropriate method that is permissible under local, state, and federal laws. The specific methods used will depend upon the spilled material, regulatory hazardous and toxic waste standards, and applicable regulations for discharges to a Publicly Owned Treatment Works. The SPCC Plan Coordinator may select the appropriate decontamination method after full evaluation of the incident and by conferring either with the regulatory agencies or an expert in the subject of spill response.

All materials contaminated by the spilled substances will be managed in a manner that fully complies with applicable local, state, and federal laws regarding recycling or disposal of wastes. Whenever practicable, spilled and contaminated materials will be recycled or reclaimed to minimize waste generation.

6.5 Spill Response Materials

The Facility maintains a supply of absorbent materials for use in containing minor spills of oil and petroleum products within the spill kits located throughout the Facility as shown on **Figure 2** and **Figure 3**. The following is a list of spill response materials typically available:

- Absorbent materials: absorbent socks and pads, clay-based absorbent;
- Storm drain covers;
- Empty drums to store contaminated cleanup materials; and
- Shovels and buckets.

Personal protective equipment such as gloves and eye protection are available and will be used during cleanup.

7. SPILL PREVENTION, CONTROL AND COUNTERMEASURE PROVISIONS

7.1 Potential Discharge Volume, Rate and Direction of Flow [40 CFR 112.7(b), 112.8(C)]

The following tables (Table 7-1, Table 7-2, Table 7-3, Table 7-4) presents the potential fluid volumes and leakage rates that could occur if the oil storage containers were to leak. The table also provides the anticipated direction of flow of the leaks.

Table 7-1: Potential Discharge Characteristics of the Oil Storage Containers – Transportation Services

Tank ID	Oil Type	Tank Type	Material Construction and Type	Secondary Containment & Capacity	Other Spill Prevention and Control Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)	Direction of Flow
595-1	Gasoline	Bulk Storage Tank	ConVault AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Secondary Containment Fill Box, Spill Kit	Overfill, rupture, or spill	6,000	0-6000	North

Table 7-2: Potential Discharge Characteristics of the Oil Storage Containers – Facilities Management

Tank ID	Oil Type	Tank Type	Material Construction and Type	Secondary Containment & Capacity	Other Spill Prevention and Control Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)	Direction of Flow
205	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Spill Kit	Overfill, rupture, or spill	750	0-750	Southwest
220-1	Diesel No. 2	Portable Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	354	0-354	South
220-2	Diesel No. 2	Portable Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	470	0-470	West
221	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	200	0-200	East
225-2	Diesel No. 2	Bulk Storage Tank	ConVault AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and spill Kit During Fill	Overfill, rupture, or spill	2,000	0-2,000	West
226	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	408	0-408	Northwest
235	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	1,100	0-1,100	Northeast
250	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	150	0-150	Southeast
266	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and spill Kit During Fill	Overfill, rupture, or spill	800	0-800	Southwest

Tank ID	Oil Type	Tank Type	Material Construction and Type	Secondary Containment & Capacity	Other Spill Prevention and Control Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)	Direction of Flow
276	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	150	0-150	North
340-1,340-3	Varies (waste oil, hydraulic oil, compressor oil)	Portable Drums	55-Gallon Steel Drums	Pallets	Manned Filling and Spill Kit	Overfill, rupture, or spill	110	0-55	South (340-1), Northeast for the rest
340-2	Diesel No. 2	Bulk Storage Tank	Steel AST	Double Walled Tank, Concrete Berm (600gal)	Manned Filling, Direct Vision Gauge, and Spill Kit	Overfill, rupture, or spill	550	0-550	Northeast
503	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Direct Vision Gauge	Overfill, rupture, or spill	750	0-750	Southeast
506	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	228	0-228	Southwest
511	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	194	0-194	Northwest
512	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	3,964	0-3,964	Southeast
515	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	175	0-175	East
520	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	600	0-600	Southeast
521	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	75	0-75	Northeast
525	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling and Direct Vision Gauge, Spill Kit During Fill	Overfill, rupture, or spill	333	0-333	Southeast
526	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	140	0-140	South
529-1	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank, Concrete Berm (berm capacity: 2,770 gal)	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	450	0-450	South
529-2	Diesel No. 2	Bulk Storage Tank	Steel AST	Concrete Berm (700gal)	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	500	0-500	South
531	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	195	0-195	South
535	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	1,700	0-1,700	Southwest

Tank ID	Oil Type	Tank Type	Material Construction and Type	Secondary Containment & Capacity	Other Spill Prevention and Control Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)	Direction of Flow
544	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	500	0-500	East
551	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	150	0-150	Southwest
554	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	195	0-195	Southeast
555-1	Gasoline	Bulk Storage Tank	ConVault AST	Double Walled Tank and Concrete Berm (berm capacity: 360 gal)	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit	Overfill, rupture, or spill	500	0-500	South
555-4	Diesel No. 2	Bulk Storage Tank	ConVault AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit	Overfill, rupture, or spill	500	0-500	Southwest
556	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank, Metal Containment Berm (berm capacity: 80 gal)	Manned Filling, Direct Vision Gauge, and spill Kit During Fill	Overfill, rupture, or spill	150	0-150	West
557	Diesel No. 2	Generator Fuel Tank	Steel AST	Rupture Basin (155gal), Concrete Berm	Direct Vision Gauge	Overfill, rupture, or spill	155	0-155	South
558	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	225	0-225	South
565-11	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank, Concrete berm (berm capacity: 1,680 gal), Sump	Spill Kit	Overfill, rupture, or spill	365	0-365	North
565-12	Diesel No. 2	Bulk Storage Tank	EnviroVault AST	Double Walled Tank, Concrete berm (berm capacity: 360 gal), Sump	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, Spill Kit	Overfill, rupture, or spill	1,000	0-1,000	North
568	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	125	0-125	North
571-1	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling and Direct Vision Gauge	Overfill, rupture, or spill	200	0-200	South
571-2	Diesel No. 2	Bulk Storage Tank	Steel AST	Double Walled Tank and Concrete Berm (berm capacity: 1,130 gal)	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	2,000	0-2,000	South
572	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	500	0-500	West
574	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	195	0-195	West
574	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	300	0-300	North

Tank ID	Oil Type	Tank Type	Material Construction and Type	Secondary Containment & Capacity	Other Spill Prevention and Control Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)	Direction of Flow
585	Diesel No. 2	Bulk Storage Tank	ConVault AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Leak Detector Tube, and Spill Kit During Fill	Overfill, rupture, or spill	2,000	0-2,000	Northwest
588	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	784	0-784	East
589	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	378	0-378	South
594-1	Diesel No. 2	Portable Storage Tank	Portable fuel cart	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	500	0-500	Northeast
594-2	Diesel No. 2	Portable Water Pump Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	105	0-105	East
615	Diesel No. 2	Generator Fuel Tank	Steel AST	Double Walled Tank	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	400	0-400	Southwest
657-2	Diesel No. 2	Bulk Storage Tank	Steel AST	Double Walled Tank, Concrete Berm (berm capacity: 480 gal)	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	2,000	0-2,000	East

Table 7-3: Potential Discharge Characteristics of the Oil Storage Containers – Environmental Health & Safety

Tank ID	Oil Type	Tank Type	Material Construction and Type	Secondary Containment & Capacity	Other Spill Prevention and Control Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)	Direction of Flow
565-1 through 565-10	Solvents (contain mineral spirits, petroleum distillates, etc.)	Portable Drums	55-Gallon Steel Drum	Sump (sump capacity: 1,978 gal)	Spill kit, Manned Filling	Overfill, rupture, or spill	550	0-55	North
565-13	Waste Oil	Bulk Storage Tank	Convault Tank	Double Wall	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, Spill kit	Overfill, rupture, or spill	500	0-500	North
565-14 through 565-17	Waste Oil	Portable Drums	55-Gallon Steel Drum	Pallets (pallet capacity: 66 gal), Sump (sump capacity: 410 gal)	Spill kit, Manned Filling	Overfill, rupture, or spill	220	0-55	North
565-22 through 565-27	Solvents (contain mineral spirits, petroleum distillates, etc.)	Portable Drums	55-Gallon Steel Drum	Sump (sump capacity: 1,978 gal)	Spill kit, Manned Filling	Overfill, rupture, or spill	330	0-55	North

Table 7-4: Potential Discharge Characteristics of the Oil Storage Containers – Housing, Dining & Auxiliary Enterprises

Tank ID	Oil Type	Tank Type	Material Construction & Type	Secondary Containment & Capacity	Other Spill Prevention and Control Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)	Direction of Flow
527	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	138	0-138	South
542	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	190	0-190	South
547	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	90	0-90	East
548	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	90	0-90	Northeast
549	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank, Concrete berm (berm capacity: 490 gal)	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	800	0-800	East
553	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	305	0-305	Southwest
561	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	305	0-305	South
562	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	465	0-465	South
587	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	217	0-217	Northeast
860-1	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank, Concrete berm (berm capacity: 390 gal)	Manned Filling and Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	850	0-850	South
860-2	Diesel No. 2	Bulk Storage Tank	Steel AST	Steel containment berm (berm capacity: 340 gal)	Manned Filling, Direct Vision Gauge, and Spill Kit During Fill	Overfill, rupture, or spill	175	0-175	South
1861	Diesel No. 2	Generator Fuel Tank	Steel AST	Double walled tank	Manned Filling, Direct Vision Gauge, Secondary Containment Fill Box, and Spill Kit During Fill	Overfill, rupture, or spill	815	0-815	North

Table 7-5: Oil-Filled Equipment – Transformers

Bldg No., Bldg Name	Oil Type	Tank Description	Material Construction & Type	Spill Prevention Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)
220, Electrical Shop	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
221, Student Resources Bldg. (SRB)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
225, Engineering Sciences Building (ESB)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
226, Henley Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
235, Life Sciences Building (LSB)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
243, Intercollegiate Athletics (ICA)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
252, 10 Parking (CPS 2)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
254, 22 Parking	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
266, Elings Hall (CNSI)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
275, Gervitz Graduate School of Education	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
437, Facilities Management Bldg No. 437	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
439, Facilities Management Bldg No. 439	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
479, Old Gym	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
494, College of Creative Studies	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
503, Engineering 2	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
505, Events Center (ECEN)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
506, Interactive Learning Pavilion (ILP)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
507, Distribution & Logistic Services (DLS)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
511, Multi-Activity Court (MAC)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
512, Bio. Engineering	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
515, Humanities and Social Sciences	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
516, Recreation Center (REC CEN)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
517, ALUMNI CENTER	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
520, Marine Sciences	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
521, Bren Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
525, Davidson Library	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
525, Library	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
529, Main Sewer Pump	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500

Bldg No., Bldg Name	Oil Type	Tank Description	Material Construction & Type	Spill Prevention Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)
535, North Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
535, North Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
535, North Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
538, Campbell Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
539, Bio Sciences Anex	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
543, University House	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
553, San Miguel Residence Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
554, Snidecor Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
555, Marine (Bio.) Science	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
558, University Center (Ucen)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
559, North Sewer Pump Station	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
560, Phelps Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
561, San Nicolas Residence Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
565, Environmental Health & Safety	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
567, Kohn Hall (ITP)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
570, Chemistry Annex	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
574, Public Safety	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
577, Baseball Lockers	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
580, Harder Stadium	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
580, Harder Stadium	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
585, Main Water Pump	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
589, Storke Tower	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
591, Kerr Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
595, Central Garage	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
599, Counseling & Career Services	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
615, Materials Research Lab (MRL)	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
672, Physical Sciences South	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
701, West Campus Family Housing Bldg No. 701	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500

Bldg No., Bldg Name	Oil Type	Tank Description	Material Construction & Type	Spill Prevention Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)
834, Charles T. Munger Physics Residence	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
836, San Clemente Bradbury Apartments	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
839, San Clemente Parking IV	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
860, Santa Catalina Residence Hall	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
875, Manzanita - De Anza Resource Center	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
875, Manzanita - De Anza Resource Center	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
875, Manzanita - De Anza Resource Center	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500
1123, Sierra Madre Toluca Village	Mineral Oil	Transformer	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	500	0-500

Table 7-6: Oil-Filled Equipment – Hydraulic Elevators

Bldg No., Bldg Name, [No. of Elevators]	Oil Type	Tank Description	Material Construction & Type	Spill Prevention Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)
221, Student Resources Bldg (SRB), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
223, New Snidecor, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	80	0-80
225, Engineering Sciences Building (ESB), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
225, Engineering Sciences Building (ESB), [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	165	0-165
226, Henley Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
235, Life Sciences Building (LSB), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
235, Life Sciences Building (LSB), [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	165	0-165
243, Intercollegiate Athletics (ICA), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
250, Mesa Parking Structure, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
250, Mesa Parking Structure, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
251, Psychology Addition, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
252, 10 Parking (CPS 2), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	140	0-140
252, 10 Parking (CPS 2), [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	140	0-140
266, Elings Hall (CNSI), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
266, Elings Hall (CNSI), [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	180	0-180
266, Elings Hall (CNSI), [3]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
275, Gervitz Graduate School of Education, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
276, Social Sciences and Media Studies, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
276, Social Sciences and Media Studies , [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
277, Pollock Theater, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
503, Engineering 2, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	165	0-165
503, Engineering 2, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
504, Biological Sciences 3, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
505, Events Center (ECEN), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
505, Events Center (ECEN), [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
512, Bio. Engineering, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	150	0-150
514, Ocean Engineering Sciences (OSEB), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
516, Recreation Center (REC CEN), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110

Bldg No., Bldg Name, [No. of Elevators]	Oil Type	Tank Description	Material Construction & Type	Spill Prevention Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)
517, ALUMNI CENTER, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
517, ALUMNI CENTER, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
525, Davidson Library, [4]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
525, Davidson Library, [7]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
525, Davidson Library, [8]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
526, Webb Hall - Geology, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
528, South Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	150	0-150
528, South Hall, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	150	0-150
528, South Hall, [3]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	150	0-150
528, South Hall, [4]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	150	0-150
531, Music, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
531, Music, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
533, Robertson Gym, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
534, Arts, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
535, North Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
544, Noble Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
546, Woodhouse Lab, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
551, Psychology, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
554, Snidecor Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
555, Marine (Bio.) Science, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
557, Chemistry, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
557, Chemistry, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	175	0-175
560, Phelps Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	150	0-150
560, Phelps Hall, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	150	0-150
560, Phelps Hall, [3]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
563, Ellison Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	150	0-150
563, Ellison Hall, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	150	0-150
563, Ellison Hall, [3]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
564, Girvetz Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110

Bldg No., Bldg Name, [No. of Elevators]	Oil Type	Tank Description	Material Construction & Type	Spill Prevention Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)
567, Kohn Hall (ITP), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	80	0-80
568, Student Affairs (SAASB), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
568, Student Affairs (SAASB), [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	140	0-140
591, Kerr Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
615, Materials Research Lab (MRL), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
941, Embarcadero Hall, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	80	0-80
527, Santa Rosa, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
527, Santa Rosa, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
581, Faculty Club, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
860, Santa Catalina - Portola Kitchen, [5]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
875, Manzanita - De Anza Resource Center, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
882, Manzanita - Madulce House, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
880, Manzanita - Arguello House, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
878, Manzanita - Cienaga House, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
884, Manzanita - La Cumbre House, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
883, Manzanita - Condor House, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
890, Manzanita - Pendola House, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
881, Manzanita - Miranda House, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
889, Manzanita - Camuesa House, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	130	0-130
886, Manzanita - Tepusquet House, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
839, San Clemente - Parking 50, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	140	0-140
841, San Clemente-Arrowhead Village (A1), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
841, San Clemente-Arrowhead Village (A2), [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
842, San Clemente - Bradbury Village (B1), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
843, San Clemente - Castaic Village (C1), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
844, San Clemente - Donner Village (D1), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
845, San Clemente - Encino Village (E1), [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
1865, San Joaquin - Elsinore Court, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
1873, San Joaquin - Calaveras Court, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120

Bldg No., Bldg Name, [No. of Elevators]	Oil Type	Tank Description	Material Construction & Type	Spill Prevention Measures	Type of Failure	Estimated Volume (gallons)	Estimated Spill Rate (gpm)
1875, San Joaquin - Malibu Court, [3]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
1879, San Joaquin - Ramomna Court, [4]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
1861, San Joaquin - Dining, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
558, University Center - Lobby, [1]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	120	0-120
558, University Center - Bookstore, [2]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
558, University Center - Information Desk, [3]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
558, University Center - Operations, [4]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110
558, University Center - Associated Students, [5]	Hydraulic Oil	Elevator hydraulic tank	Steel - Oil-filled Equipment	Manned filling, spill kit during fill	Overfill, rupture, or spill	110	0-110

7.2 Secondary Containment for Bulk Storage Tanks and Mobile Containers [40 CFR 112.7(a)(3), (c), 112.8(c)(1), (c)(2), (c)(8), (c)(11)]

All oil storage containers at the Facility that contain a product subject to 40 CFR 112 have sized secondary containment (**Table 7-1**, **Table 7-2**, **Table 7-3**, and **Table 7-4**).

All oil-filled equipment at the Facility that contain a product subject to 40 CFR 112 have general secondary containment. Oil-filled equipment at the Facility include electrical pad-mounted transformers and hydraulic elevator systems (**Table 7-5** and **Table 7-6**). All transformers are equipped with an oil level gauge and an electrical system that allows remote leak detection.

All tanks, drums, and associated piping and valves are constructed of materials compatible with the contents it holds.

7.3 Drainage of Secondary Containment [40 CFR 112.7(a)(3)(v), 112.8(b), (c)(3)]

Spilled oil or other regulated materials that is collected in the secondary containment structures of the tanks will be pumped out by Facility personnel or vendors and into drums for temporary storage. The spilled material will then be profiled and hauled off-site by a contractor to the appropriate permitted landfill or recycling Facility. Spilled diesel, gasoline, or transmission fluid would typically be considered non- Resource Conservation and Recovery Act (RCRA) California hazardous waste. Spilled transformer mineral oil would need to be tested for polychlorinated biphenyls (PCBs) prior to being hauled off-site. Mineral oil containing no PCBs would be considered non-RCRA California hazardous. Mineral oil containing PCBs would be considered RCRA hazardous. Solvents generated in the Facility would typically be considered RCRA hazardous.

If stormwater accumulates in secondary containment, personnel will perform a visual evaluation of water quality and removal of pollutants using absorbent pads for any oils before draining. Any stormwater drainage of secondary containment will also be performed in accordance with the Facility's Stormwater Management Program and site-specific Stormwater Pollution Prevention Plan.

7.4 Controls for Facility Fluid Transfer Operations [40 CFR 112.7(a)(3)(ii), 112.8(c)(8)]

Facility fluid transfer operations primarily occur at the Facilities Management (FM) grounds yard diesel dispensing tank (both filling the tank and dispensing fuel from the tank to equipment), marine science lab gasoline storage tank (both filling the tank and dispensing fuel from the tank to motor boats), FM portable diesel fuel tank (both filling the tank and dispensing fuel from the tank to equipment), Transportation Services gasoline storage tank (both filling the tank and dispensing fuel from the tank to vehicles), emergency diesel generator tanks (when filling the tank), and EH&S portable storage tanks (when filling the tanks).

When the ASTs and drums are filled, the following Best Management Practices will be in place:

- For truck unloading/loading procedures, see **Section 5.5**.

- For small transfers, Facility personnel will verify the container has sufficient capacity for the transfer, be present throughout the operation to monitor the product level in the tank, and keep spill kits nearby.

7.5 Spill Cleanup Kits [40 CFR 112.7(a)(3), (c)]

Spill kits containing cleanup equipment for oil are located at numerous locations around the Facility as shown on **Figure 2**. These spill kits are easily accessible and include the following items or their equivalents:

- Absorbent materials: absorbent socks and pads, clay-based absorbent.

Records are kept on all spill kits in service and regular spill kit checks are performed monthly in accordance with established procedures. Monthly inspection forms are included as **Appendix C.**

At the conclusion of any cleanup operation, it is the responsibility of the SPCC Plan Coordinator to ensure that any materials used from the spill kit are replenished as soon as practical. The SPCC Plan Coordinator should also ensure that Facility personnel are properly using the spill response materials.

7.6 Site Security Controls [40 CFR 112.7(g)]

The oil containers are stored in enclosed structures or areas surrounded by chain-linked fences. The lighting is adequate to detect spills during nighttime hours and prevent vandalism. The SPCC Plan coordinator and the EH&S Department are available should any problems arise. Emergency services are available by dialing 911.

7.7 Inspections and Record Keeping [40 CFR 112.7(e)]

UCSB maintains hard and electronic copies for record keeping and documentation, including spill documentation, inspection records, and action items.

The following inspections and tests are conducted as described and the appropriate records retained electronically.

7.7.1 Visual Periodic Inspections

Inspection requirements are presented in Table 5.5 of the Steel Tank Institute (STI) Standard SP001 February 2024 7th Edition (SP001).

All ASTs at the Facility, apart from the 6,000-gallon Transportation Services Gasoline Storage Tank (Tank ID:595-1), are classified as Category 1 tanks less than 5,000 gallons in capacity or Category 2 tanks less than 1,100 gallons in capacity and therefore must have periodic visual inspections by the owner.

Mobile and portable containers at the site are classified as Category 2 and therefore must have periodic visual inspections by the owner.

The Transportation Services Gasoline Storage Tank (Tank ID: 595-1) is classified as a Category 1 tank with a capacity of 6,000 gallons and therefore requires periodic visual inspections by the owner and a formal external inspection by a certified STI inspector every 20 years.

Fuel and oil storage areas are visually inspected by site personnel for indications of potential leaks. Inspections include evaluation of tank or container exterior, structural supports, secondary containment, and overfill protection measures. Monthly and annual inspections are completed on all ASTs and monthly inspections are completed on all portable containers using checklists adapted from SP001 (**Appendix C**). Checklists are converted into an electronic format and saved digitally within the internal system named RSS Inspect. Additionally, formal external inspections are completed on the 6,000-gallon Transportation Services Gasoline Storage Tank (Tank ID: 595-1) by a certified STI inspector every 20 years.

Signed and dated records of inspections; containment drainage; and other pertinent information, such as spills, removal and disposal of spill-contaminated materials, replacement or repair of equipment, and training sessions are kept on site for a minimum of 3 years. These records shall be signed and dated by the inspector to verify completion.

7.7.2 Integrity Testing [40 CFR 112.8(c)(6)]

Physical integrity testing of the oil storage containers that fall under SP001 is not required at the Facility. These oil storage containers only require periodic visual inspections by the owner per Table 5.5 of SP001. The 6,000-gallon Transportation Services Gasoline Storage Tank (Tank ID: 595-1) integrity testing is covered in the twenty-year inspections discussed in Section 7.7.1.

7.7.3 Visible Discharges [40 CFR 112.8(c)(10)]

Site personnel will promptly correct visible discharges that result in a loss of oil from containers including, but not limited to, seems, gaskets, piping, pumps, valves, rivets, and bolts. Accumulations of oil in containment areas must be promptly removed. Residues shall be removed to the greatest extent possible by wiping the area with sorbent pads (or comparable material).

7.7.4 Record Keeping

A copy of the SPCC Plan is maintained at the Facility. The following records are maintained electronically at the Facility and are readily accessible:

- Records of inspections.
- Documentation of all initial training and annual discharge prevention briefing sessions (see **Section 7.8**).
- Records of any spills that occur at the Facility, including documentation of telephone notification, copies of confirmation reports, and a complete description of cleanup and prevention activities.
- Documentation of any integrity testing for storage tanks or pressure testing on piping.
- Documentation of five-year SPCC Plan reviews and evaluations (see **Section 4**).

7.8 Personnel Training [40 CFR 112.7(f)]

7.8.1 Permanent Personnel Training

Oil-handling personnel are required to be trained in the safe use of on-site tanks and drums containing oil- and petroleum-based products. These personnel are under the direct supervision of the SPCC Plan Coordinator, who is responsible for Facility compliance with the Plan. Prior to the handling of oil- and petroleum-based products, personnel must attend an initial and annual training course.

This training includes:

1. Responsibilities for compliance with the requirements of the spill laws and emergency response regulations applicable to the Facility; and
2. Potential spill situations including tanks, transfer of materials, and procedures for avoiding vehicle collisions.

Additionally, all site personnel who will be working in oil containing areas (both oil-handling and non-oil handling) should attend an annual discharge prevention briefing to ensure adequate understanding of the SPCC plan for the Facility and highlight any lessons learned, discharges, or newly developed procedures in the past year.

7.8.2 Fuel Delivery Personnel

Fuel delivery personnel should be trained in Department of Transportation (DOT) hazardous materials transport and safe transfer operations by their employer.

7.8.3 Spill Response Personnel

Appropriate site personnel will be trained annually in spill and emergency response procedures including: reporting, stopping, containing, cleaning up spills; disposing of spill materials; and emergency communications.

7.8.4 Appointed Trainers

Initial training will be conducted by, or under the supervision of the SPCC Coordinator or their designated representative. Supervisors may then conduct training for appropriate site workers.

7.9 Emergency Contacts [40 CFR 112.7(a)(3)(vi), (a)(4)]

7.9.1 Notification of Company Personnel

An oil spill of any size will be immediately reported to the SPCC Plan Coordinator or Assistant SPCC Plan Coordinator (**Table 7-7**) by the employee who first notices the spill. The coordinator will prepare a Discharge Notification Form (**Appendix D**) and contact government agencies (**Table 7-8**), as appropriate.

Table 7-7: SPCC Plan Coordinators

SPCC Plan Coordinators		Phone
Primary SPCC Plan Coordinator	Mason King Environmental Compliance Manager	Office: (805) 893-8997
Assistant SPCC Plan Coordinator	Ali Aghayan Environmental Health Program Manager	Office: (805) 893-8533
Assistant SPCC Plan Coordinator	Allison Andrade Environmental Compliance Specialist	Office: (805) 893-5252

7.9.2 Notification of Governmental Agencies

In the event of a spill of 42 gal of oil or more into any waters of the United States, the following agencies must be contacted, as applicable:

Table 7-8: Government Agency Notification

Government Agency	Phone
National Response Center	(800) 424-8802
24-hr State Spill Notification	(800) 852-7550
Region IX EPA Office (24-hr emergency)	(800) 300-2193
Central Coast Regional Water Quality Control Board	(805) 549-3891
Santa Barbara County Certified Unified Program Agency (CUPA)	(805) 681-4900
Local Fire Department	911 (emergency)

A written submittal to the EPA Regional Administrator and to the State Agency responsible for water pollution control activities is required, if discharge of oil occurs in excess of 1,000 gal (3,785 L) into or upon the navigable waters of the United States or adjoining shorelines in a single spill event, or oil discharge in "harmful quantities," as defined in 40 CFR part 110, into or upon the navigable waters of the United States or adjoining shorelines in two spill events occurring within any 12-month period.

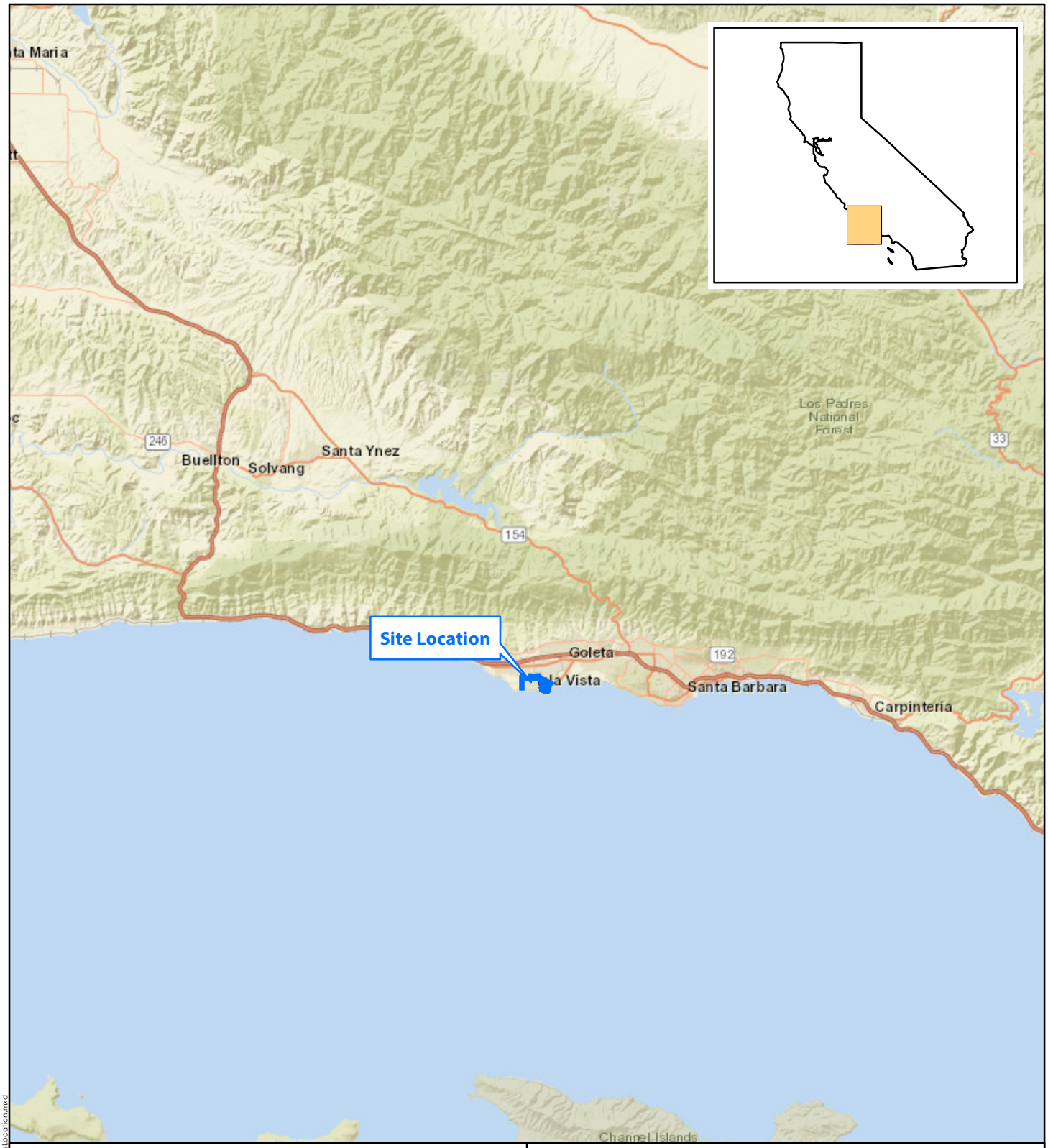
7.9.3 Spill Cleanup Contractor

When an incident results in the accidental release of hazardous material(s) into the environment and the resources needed to adequately respond and clean up the spill are not available, the Primary SPCC Plan Coordinator will retain the services of an outside contractor. The contractors will have the necessary equipment and have properly trained staff to clean up both large and small spills.

8. FACILITY RESPONSE PLAN [40 CFR 112.20(E)]

Appendix E includes a checklist of the applicability of the substantial harm criteria. Based on the checklist interpretation, UCSB is not required to develop a Facility Response Plan.

FIGURES



Legend

Site Location

Map Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

10 5 0 10 Miles

N

Site Location Map

SPCC Plan
University of California, Santa Barbara

Geosyntec consultants

Project No.: CWR0796

October 2023

Figure 1

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APPENDIX A
Definitions

Definitions

The SPCC Plan includes several terms that have a specific definition for compliance with 40 CFR Part 112. These terms are defined below:

Discharge
Includes but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying or dumping. For purposes of this part, the term discharge shall not include any discharge of oil which is authorized by a permit issued pursuant to Section 13 of the River and Harbor Act of 1899 (30 Stat. 1121, 33 U.S.C. 407), or sections 402 or 405 of the FWPCA Amendments of 1972 (86 Stat. 816 *et seq*., 33 U.S.C. 1251 *et seq*.).

Harmful Quantity
A discharge, which affects the water quality standards, or causes a film or sheen upon or discoloration of the water or adjoining shoreline.

Navigable Waters
The term *navigable waters* of the United States means *navigable waters* as defined in section 502(7) of the FWPCA, and includes:

- All navigable waters of the United States, as defined in judicial decisions prior to passage of the 1972 Amendments to the FWPCA (Pub. L. 92-500), and tributaries of such waters;
- Interstate waters;
- Intrastate lakes, rivers, and streams which are utilized by interstate travelers for recreational or other purposes; and
- Intrastate lakes, rivers, and streams from which fish or shellfish are taken and sold in interstate commerce.

Offshore Facility
Any Facility of any kind located in, on, or under any of the navigable waters of the United States, which is not a transportation-related Facility. As required, the SPCC Plan will be kept in the "Operating Record" at the landfill and made available for employees use and for the inspection of responsible agencies (i.e. the California Regional Water Quality Control Board, San Francisco Bay Region) during the normal working hours.

Oil
Oil of any kind or in any form, including, but not limited to: fats, oils, or greases of animal, fish, or marine mammal origin; vegetable oils, including oils from seeds, nuts, fruits, or kernels; and, other oils and greases, including petroleum, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes other than dredged spoil.

Onshore Facility
Any Facility of any kind located in, on, or under any land within the United States, other than submerged lands.

Owner or Operator
Any person owning or operating an onshore Facility or an offshore Facility, and in the case of any abandoned offshore Facility, the person who owned or operated or maintained the Facility immediately prior to such abandonment.

Person
Includes an individual, firm, corporation, association, and a partnership.

Regional Administrator
Regional Administrator of the Environmental Protection Agency, in and for the Region in which the Facility is located.

Spill Event
A discharge of oil into or upon the navigable waters of the United States or adjoining shorelines in harmful quantities, as defined at 40 CFR Part 110.

SPCC Plan
The document required by 40 CFR Part 112 that details the equipment, workforce, procedures, and steps to prevent, control, and provide adequate countermeasures to a discharge.

Storage Capacity
The shell capacity of the container.

United States
The States, the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Mariana Islands, Guam, American Samoa, the U.S. Virgin Islands, and the Pacific Island Governments.

Vessel
Every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water, other than a public vessel.

Wetlands
Areas that are inundated or saturated by surface or groundwater at a frequency or duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include playa lakes, swamps, marshes, bogs, and similar areas such as sloughs, prairie potholes, wet meadows, prairie river overflows, mudflats, and natural ponds.

APPENDIX C
Inspection Checklists

STI SP001 Monthly Inspection Checklist

University of California, Santa Barbara

	Item	Status	Comments/Corrections
	Tank and Piping		
1	Is tank exterior (roof, shell, heads, bottom, connections, fittings, valves, etc.) free of visible leaks?	☐ Yes ☐ No	
2	Is the tank liquid level gauge legible and in good working condition?	☐ Yes ☐ No	
3	Is the area around the tank (concrete surfaces, ground, containment, etc.) free of visible signs of leakage?	☐ Yes ☐ No	
4	Is tank shell or supports free of soil, vegetation, water, or foreign material collected or covering the grade line (tank chime or bottom projection)?	☐ Yes ☐ No	
5	Is the primary tank free of water or has another preventative measure been taken?	☐ Yes ☐ No	
6	For double-wall tank, is interstitial monitoring equipment in good working condition?	☐ Yes ☐ No	
7	For double-wall tank, is interstice free of liquid? Remove the liquid if it is found. If tank product is found, investigate possible leak.	☐ Yes ☐ No	
	Equipment on Tank		
8	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.	☐ Yes ☐ No	
9	Is overfill prevention equipment in good working condition? If it is equipped with a mechanical test mechanism, activate to confirm operation	☐ Yes ☐ No	
10	Is the spill container (spill bucket) empty, free of visible leaks, and in good working condition?	☐ Yes ☐ No	
11	Are piping connections to the tank (valves, fittings, pumps, etc.) free of visible leaks? If No, describe findings	☐ Yes ☐ No	
12	Do ladders/platforms/walkways appear secure with no sign of severe corrosion or damage?	☐ Yes ☐ No	
	Containment (Berms, Pits, etc.)		
13	Is the containment free of excess liquid, debris, cracks, corrosion, erosion, fire hazards and other integrity issues?	☐ Yes ☐ No	
14	Are drain valves closed and in good working condition?	☐ Yes ☐ No	
15	Are containment egress pathways clear and any gates/doors operable?	☐ Yes ☐ No	
	Other conditions		
16	Is the system free of any other condition that need to be addressed for continued safe operation? If so, describe.	☐ Yes ☐ No	
	Portable Container Monthly Inspection Checklist		
17	**Are any portable storage containers stored in the storage area?** **If not, skip to next section. If so, proceed with the following questions:**	☐ Yes ☐ No	
	16a Are all portable containers within limits of designated storage area?	☐ Yes ☐ No	
	16b Is the containment and storage area free of excess liquid, debris, or fire hazards?	☐ Yes ☐ No	
	16c Are the containment egress pathways clear and any gates/doors operable?	☐ Yes ☐ No	
	16d Is the container free of leaks? *If "no", identify and describe container and leak. Discontinue use of container.*	☐ Yes ☐ No	
	16e Is the container free of distortions, buckling, denting, or bulging? *If "no", describe. Discontinue use of container.*	☐ Yes ☐ No	
	Monthly Spill Kit Inspection		
18	Has spill kit been used?	☐ Yes ☐ No	
19	Is Spill Kit content adequately stocked?	☐ Yes ☐ No	

Additional Comments:

STI SP001 Annual Inspection Checklist

University of California, Santa Barbara

AST-ID	Bldg Name	Location	Tank Type & Description	Contents
Name of Inspector:			**Date:**	

	Item	Status	Comments/Corrections
	Tank Foundations/Supports		
1	Free of tank settlement or foundation washout?	☐ Yes ☐ No ☐ N/A	
2	Concrete pad or ring wall free of cracking and spalling?	☐ Yes ☐ No ☐ N/A	
3	Tank supports in satisfactory condition?	☐ Yes ☐ No ☐ N/A	
4	Is water able to drain away from tank if tank is resting on a foundation or on the ground?	☐ Yes ☐ No ☐ N/A	
5	Is the grounding strap between the tank and the foundation/supports in good condition?	☐ Yes ☐ No ☐ N/A	
	Tank Shelf, Heads, and Roof		
6	Free of visible signs of coating failure?	☐ Yes ☐ No ☐ N/A	
7	Free of noticeable distortions, buckling, denting, or bulging?	☐ Yes ☐ No ☐ N/A	
8	Free of standing water on roof?	☐ Yes ☐ No ☐ N/A	
9	Are all labels and tags intact and legible?	☐ Yes ☐ No ☐ N/A	
	Tank Manways, Piping, and Equipment		
10	Are piping system joints, mayway covers, gaskets, and attachment bolts tight and in good condition with no sign of wear, damage, leaks or corrosion?	☐ Yes ☐ No ☐ N/A	
11	Are piping supports in good condition and free of corrosion and damage?	☐ Yes ☐ No ☐ N/A	
12	Is leak or release detection on underground piping being performed and documented if required?	☐ Yes ☐ No ☐ N/A	
	Tank Equipment		
13	Normal and emergency vents free of obstruction?	☐ Yes ☐ No ☐ N/A	
14	Is the emergency vent in good working condition and functional, as required by manufacturer? Consult manufacturer requirements and verify that components are moving freely - including long-bolt manways.	☐ Yes ☐ No ☐ N/A	
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?	☐ Yes ☐ No ☐ N/A	
16	Are all valves free of leaks, corrosion, and other damage? Follow manufacturer's instructions for regular maintenance of these items. Check the following and verify (as applicable):		
	· Anti-siphon valve	☐ Yes ☐ No ☐ N/A	
	· Check valve	☐ Yes ☐ No ☐ N/A	
	· Gate, ball, or isolation valve	☐ Yes ☐ No ☐ N/A	
	· Pressure regulator valve	☐ Yes ☐ No ☐ N/A	
	· Expansion relief valve	☐ Yes ☐ No ☐ N/A	
	· Solenoid valve	☐ Yes ☐ No ☐ N/A	
	· Fire valve	☐ Yes ☐ No ☐ N/A	
	· Shear valve	☐ Yes ☐ No ☐ N/A	
17	Are strainers and filters in good condition?	☐ Yes ☐ No ☐ N/A	
	Other Equipment		
18	Are electrical wiring and boxes in good condition?	☐ Yes ☐ No ☐ N/A	

Additional Comments:

STI SP001 Annual Inspection Checklist - Facility Generator Tanks
University of California, Santa Barbara

Inspection Date: _____ Prior Inspection Date: _____ Retain Until:_____

Inspector Name (Print):_____ Title:_____

Inspector Signature:_____

Oil Storage Contents					Inspection
AST-ID	**Building Name**	**Total Gallons**	**Oil Type**	**Container Type**	**Status***
205	Filter Bldg	750	Diesel No. 2	750-gallon Double-Walled Belly Tank	Yes / No
220-1	Electrical Shop	354	Diesel No. 2	354-gallon Double-Walled Belly Tank	Yes / No
220-2	Electrical Shop	470	Diesel No. 2	470-gallon Double-Walled Belly Tank	Yes / No
220-3	Electrical Shop	306	Diesel No. 2	306-gallon Double-Walled Belly Tank	Yes / No
221	Student Resource Bldg	200	Diesel No. 2	200-gallon Double-Walled Belly Tank	Yes / No
225-1	Engineering Science Bldg	90	Diesel No. 2	90-gallon Double-Walled Belly Tank	Yes / No
235	Life Sciences Bldg	1,100	Diesel No. 2	1,100-gallon Double-Walled Belly Tank	Yes / No
250	Mesa Parking	150	Diesel No. 2	150-gallon Double-Walled Belly Tank	Yes / No
266	CNSI	800	Diesel No. 2	800-gallon Double-Walled Belly Tank	Yes / No
276	ESSB	150	Diesel No. 2	150-gallon Double-Walled Belly Tank	Yes / No
503	Engineering II	750	Diesel No. 2	750-gallon Double-Walled Belly Tank	Yes / No
511	Rec Cen Exp (MAC)	194	Diesel No. 2	194-gallon Double-Walled Belly Tank	Yes / No
512	BioEngineering	3,964	Diesel No. 2	3,964-gallon Double-Walled Belly Tank	Yes / No
515	HSSB	175	Diesel No. 2	175-gallon Double-Walled Belly Tank	Yes / No
520	MSRB	600	Diesel No. 2	600-gallon Double-Walled Belly Tank	Yes / No
521	Bren	75	Diesel No. 2	75-gallon Double-Walled Belly Tank	Yes / No

*: "Yes" indicates that all items on Page 3 have been inspected and are in good conditions. "No" indicates that corrections are needed with detailed comments on Page 3.

Inspection Guidance:

► For equipment not included in this Standard, follow the manufacturer recommended inspection/testing schedules and procedures.

► The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector per paragraph 4.1.2 of the standard.

► Upon discovery of water in the primary tank, secondary containment area, interstice, or spill container, remove promptly or take other corrective action. Inspect the liquid for regulated products or other contaminants and dispose of properly.

► Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.

► If the inspection finds the integrity of the spill control system and/or the CRDM, such as items 13 and 14 in the monthly inspection checklist, is compromised, the tank category and inspection time table should be re-evaluated by someone knowledgeable about the SP001 standard.

► Retain the completed checklists for at least 36 months.

► After severe weather (snow, ice, wind storms) or maintenance (such as coating) that could affect the operation of critical components (normal and emergency vents, valves), an inspection of these components is required as soon as the equipment is safely accessible after the event.

STI SP001 Annual Inspection Checklist - Facility Generator Tanks
University of California, Santa Barbara

Inspection Date: _____ Prior Inspection Date: _____ Retain Until:_____

Inspector Name (Print):_____ Title:_____

Inspector Signature:_____

Oil Storage Contents					Inspection
AST-ID	**Building Name**	**Total Gallons**	**Oil Type**	**Container Type**	**Status***
525	Davidson Library	333	Diesel No. 2	333-gallon Double-Walled Belly Tank	Yes / No
529-1	Main Lift Station	450	Diesel No. 2	450-gallon Double-Walled Belly Tank	Yes / No
535	North Hall Data Center	1,700	Diesel No. 2	1,700-gallon Double-Walled Belly Tank	Yes / No
544	Noble Hall	500	Diesel No. 2	500-gallon Double-Walled Belly Tank	Yes / No
551	Psychology	150	Diesel No. 2	150-gallon Double-Walled Belly Tank	Yes / No
556	Engineering I	150	Diesel No. 2	150-gallon Double-Walled Belly Tank	Yes / No
557	Chemistry	155	Diesel No. 2	155-gallon Double-Walled Day Tank	Yes / No
565-11	EH&S	365	Diesel No. 2	365-gallon Double-Walled Belly Tank	Yes / No
568	SAASB (Coral Tree)	125	Diesel No. 2	125-gallon Double-Walled Belly Tank	Yes / No
571-1	Biosciences II	200	Diesel No. 2	200-gallon Double-Walled Day Tank	Yes / No
572	Broida	500	Diesel No. 2	500-gallon Double-Walled Belly Tank	Yes / No
588	Student Health	784	Diesel No. 2	784-gallon Double-Walled Belly Tank	Yes / No
594-2	Facilities Management	105	Diesel No. 2	105-gallon Portable Belly Tank	Yes / No
615	Materials Research Lab	400	Diesel No. 2	400-gallon Double-Walled Belly Tank	Yes / No

*: "Yes" indicates that all items on Page 3 have been inspected and are in good conditions. "No" indicates that corrections are needed with detailed comments on Page 3.

Inspection Guidance:

► For equipment not included in this Standard, follow the manufacturer recommended inspection/testing schedules and procedures.

► The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector per paragraph 4.1.2 of the standard.

► Upon discovery of water in the primary tank, secondary containment area, interstice, or spill container, remove promptly or take other corrective action. Inspect the liquid for regulated products or other contaminants and dispose of properly.

► Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.

► If the inspection finds the integrity of the spill control system and/or the CRDM, such as items 13 and 14 in the monthly inspection checklist, is compromised, the tank category and inspection time table should be re-evaluated by someone knowledgeable about the SP001 standard.

► Retain the completed checklists for at least 36 months.

► After severe weather (snow, ice, wind storms) or maintenance (such as coating) that could affect the operation of critical components (normal and emergency vents, valves), an inspection of these components is required as soon as the equipment is safely accessible after the event.

STI SP001 Annual Inspection Checklist - EHS, EEMB, UCen, Communication Services
University of California, Santa Barbara

Inspection Date: _____ Prior Inspection Date: _____ Retain Until:_____

Inspector Name (Print):_____ Title:_____

Inspector Signature:_____

Oil Storage Contents					Inspection
AST-ID	**Building Name**	**Total Gallons**	**Oil Type**	**Container Type**	**Status***
565-1	Hazardous Waste Collection Center	55	Waste Oil	55-gallon Portable Metal Drum	Yes / No
565-2	Hazardous Waste Collection Center	55	Waste Oil	55-gallon Portable Metal Drum	Yes / No
565-3	Hazardous Waste Collection Center	500	Waste Oil	500-gallon Vaulted AST	Yes / No
555-1	Boatyard	500	Gasoline	500-gallon Vaulted AST	Yes / No
555-2	Boatyard	55	Waste 2-Stroke Engine oil	55-gallon Portable Metal Drum	Yes / No
555-3	Boatyard	55	Waste 4-Stroke Engine oil	55-gallon Portable Metal Drum	Yes / No
558	UCen	225	Diesel No. 2	225-gallon Double-Walled Belly Tank	Yes / No
574	Communications	300	Diesel No. 2	300-gallon Double-Walled Belly Tank	Yes / No

*: "Yes" indicates that all items on Page 2 have been inspected and are in good conditions. "No" indicates that corrections are needed with detailed comments on Page 2.

Inspection Guidance:

► For equipment not included in this Standard, follow the manufacturer recommended inspection/testing schedules and procedures.

► The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector per paragraph 4.1.2 of the standard.

► Upon discovery of water in the primary tank, secondary containment area, interstice, or spill container, remove promptly or take other corrective action. Inspect the liquid for regulated products or other contaminants and dispose of properly.

► Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.

► If the inspection finds the integrity of the spill control system and/or the CRDM, such as items 13 and 14 in the monthly inspection checklist, is compromised, the tank category and inspection time table should be re-evaluated by someone knowledgeable about the SP001 standard.

► Retain the completed checklists for at least 36 months.

► After severe weather (snow, ice, wind storms) or maintenance (such as coating) that could affect the operation of critical components (normal and emergency vents, valves), an inspection of these components is required as soon as the equipment is safely accessible after the event.

STI SP001 Annual Inspection Checklist - Facility ASTs

University of California, Santa Barbara

Inspection Date: _____ Prior Inspection Date: _____ Retain Until:_____

Inspector Name (Print):_____ Title:_____

Inspector Signature:_____

Oil Storage Contents					Inspection
AST-ID	**Building Name**	**Total Gallons**	**Oil Type**	**Container Type**	**Status***
225-2	Engineering Science Bldg	2,000	Diesel No. 2	2,000-gallon Vaulted Tank	Yes / No
340-2	FM Grounds Workshop	550	Diesel No. 2	550-gallon Steel Double-Walled Tank	Yes / No
529-2	Main Lift Station	500	Diesel No. 2	500-gallon Single-Walled Steel Tank	Yes / No
555-4	Marine Biotech Lab	500	Diesel No. 2	500-gallon Vaulted Tank	Yes / No
565-12	EH&S	1,000	Diesel No. 2	1,000-gallon Vaulted Tank	Yes / No
571-2	Biosciences II	2,000	Diesel No. 2	2,000-gallon Vaulted Tank	Yes / No
585	Main Water Pump	2,000	Diesel No. 2	2,000-gallon Vaulted Tank	Yes / No
594-1	FM Parking Lot	500	Diesel No. 2	500-gallon Portable Double-Walled Fueled Tank	Yes / No
657-2	PSB North	2,000	Diesel No. 2	2,000-gallon Vaulted Tank	Yes / No

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Inspection Guidance:

► For equipment not included in this Standard, follow the manufacturer recommended inspection/testing schedules and procedures.

► The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector per paragraph 4.1.2 of the standard.

► Upon discovery of water in the primary tank, secondary containment area, interstice, or spill container, remove promptly or take other corrective action. Inspect the liquid for regulated products or other contaminants and dispose of properly.

► Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.

► If the inspection finds the integrity of the spill control system and/or the CRDM, such as items 13 and 14 in the monthly inspection checklist, is compromised, the tank category and inspection time table should be re-evaluated by someone knowledgeable about the SP001 standard.

► Retain the completed checklists for at least 36 months.

► After severe weather (snow, ice, wind storms) or maintenance (such as coating) that could affect the operation of critical components (normal and emergency vents, valves), an inspection of these components is required as soon as the equipment is safely accessible after the event.

STI SP001 Annual Inspection Checklist - Facility Portable Tanks

University of California, Santa Barbara

Inspection Date: _____ Prior Inspection Date: _____ Retain Until:_____

Inspector Name (Print):_____ Title:_____

Inspector Signature:_____

Oil Storage Contents					Inspection
AST-ID	**Building Name**	**Total Gallons**	**Oil Type**	**Container Type**	**Status***
340-1	FM Grounds Workshop	55	Waste Motor Oil	55-gallon Portable Metal Drum	Yes / No
340-3	FM Grounds Workshop	55	New Oil	65-gallon Portable Metal Drum	Yes / No
584-1	FM Yard	55	Waste Synthetic Oil	65-gallon Portable Metal Drum	Yes / No
584-2	FM Yard	55	New Hydraulic Oil	65-gallon Portable Metal Drum	Yes / No
584-3	FM Yard	55	New Hydraulic Oil	65-gallon Portable Metal Drum	Yes / No
584-4	FM Yard	55	New Hydraulic Oil	65-gallon Portable Metal Drum	Yes / No
584-5	FM Yard	55	Compressor Oil	65-gallon Portable Metal Drum	Yes / No

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Inspection Guidance:

► For equipment not included in this Standard, follow the manufacturer recommended inspection/testing schedules and procedures.

► The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector per paragraph 4.1.2 of the standard.

► Upon discovery of water in the primary tank, secondary containment area, interstice, or spill container, remove promptly or take other corrective action. Inspect the liquid for regulated products or other contaminants and dispose of properly.

► Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.

► If the inspection finds the integrity of the spill control system and/or the CRDM, such as items 13 and 14 in the monthly inspection checklist, is compromised, the tank category and inspection time table should be re-evaluated by someone knowledgeable about the SP001 standard.

► Retain the completed checklists for at least 36 months.

► After severe weather (snow, ice, wind storms) or maintenance (such as coating) that could affect the operation of critical components (normal and emergency vents, valves), an inspection of these components is required as soon as the equipment is safely accessible after the event.

STI SP001 Annual Inspection Checklist - Housing Residential Services

University of California, Santa Barbara

Inspection Date: _____ Prior Inspection Date: _____ Retain Until:_____

Inspector Name (Print):_____ Title:_____

Inspector Signature:_____

Oil Storage Contents					Inspection
AST-ID	**Building Name**	**Total Gallons**	**Oil Type**	**Container Type**	**Status***
527	Santa Rosa Residence Hall	138	Diesel No.2	138-gallon Double-Walled Belly Tank	Yes / No
542	Ortega	190	Diesel No. 2	190-gallon Double-Walled Belly Tank	Yes / No
547	Anacapa Residence Hall	90	Diesel No. 2	90-gallon Double-Walled Belly Tank	Yes / No
548	Santa Cruz Residence Hall	90	Diesel No. 2	90-gallon Double-Walled Belly Tank	Yes / No
549	De La Guerra	800	Diesel No. 2	800-gallon Double-Walled Belly Tank & Concrete Berm	Yes / No
553	San Miguel Residence Hall	305	Diesel No. 2	305-gallon Double-Walled Belly Tank	Yes / No
561	San Nicolas Residence Hall	305	Diesel No. 2	305-gallon Double-Walled Belly Tank	Yes / No
562	Carrillo Commons	465	Diesel No. 2	465-gallon Double-Walled Belly Tank	Yes / No
587	San Rafael Residence Hall	217	Diesel No. 2	217-gallon Double-Walled Belly Tank	Yes / No
701	HRS Grounds	55	Waste Motor Oil	55-gallon Portable Metal Drum	Yes / No
860-1	Santa Catalina Residence Hall	850	Diesel No. 2	850-gallon Double-Walled Belly Tank & Concrete Berm	Yes / No
860-2	Santa Catalina (Fire)	175	Diesel No. 2	175-gallon Steel AST	Yes / No
1861	Portola	815	Diesel No. 2	815-gallon Double-Walled Belly Tank	Yes / No

*: "Yes" indicates that all items on Page 2 have been inspected and are in good conditions. "No" indicates that corrections are needed with detailed comments on Page 2.

Inspection Guidance:

► For equipment not included in this Standard, follow the manufacturer recommended inspection/testing schedules and procedures.

► The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector per paragraph 4.1.2 of the standard.

► Upon discovery of water in the primary tank, secondary containment area, interstice, or spill container, remove promptly or take other corrective action. Inspect the liquid for regulated products or other contaminants and dispose of properly.

► Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.

► If the inspection finds the integrity of the spill control system and/or the CRDM, such as items 13 and 14 in the monthly inspection checklist, is compromised, the tank category and inspection time table should be re-evaluated by someone knowledgeable about the SP001 standard.

► Retain the completed checklists for at least 36 months.

► After severe weather (snow, ice, wind storms) or maintenance (such as coating) that could affect the operation of critical components (normal and emergency vents, valves), an inspection of these components is required as soon as the equipment is safely accessible after the event.

STI SP001 Annual Inspection Checklist - Transportation Services
University of California, Santa Barbara

Inspection Date: _____ Prior Inspection Date: _____ Retain Until:_____

Inspector Name (Print):_____ Title:_____

Inspector Signature:_____

Oil Storage Contents					
AST-ID	**Building Name**	**Total Gallons**	**Oil Type**	**Container Type**	**Status***
595-1	Vehicle Maintenance Shop	120	New Motor Oil	120-gallon Double-Walled Poly Tote	Yes / No

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► The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector per paragraph 4.1.2 of the standard.

► Upon discovery of water in the primary tank, secondary containment area, interstice, or spill container, remove promptly or take other corrective action. Inspect the liquid for regulated products or other contaminants and dispose of properly.

► Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.

► If the inspection finds the integrity of the spill control system and/or the CRDM, such as items 13 and 14 in the monthly inspection checklist, is compromised, the tank category and inspection time table should be re-evaluated by someone knowledgeable about the SP001 standard.

► Retain the completed checklists for at least 36 months.

► After severe weather (snow, ice, wind storms) or maintenance (such as coating) that could affect the operation of critical components (normal and emergency vents, valves), an inspection of these components is required as soon as the equipment is safely accessible after the event.

APPENDIX D
Discharge Notification Form

Discharge Notification Form[(1)]

Facility: University of California, Santa Barbara
Santa Barbara, California 93106

Description of Discharge		
Date and Time	Release date: Release time: Duration:	Discovery date: Discovery time:
Reporting Individual	Name:	Tel. #:
Location of Discharge	Latitude: Longitude:	Description:
Discharge Source	Container:	Description: Equipment ID:
Product	Oil: Other:	Describe:
Appearance and Description of the Release		
Environmental Conditions	Weather: Recent Rainfall:	
Impacts		
Quantity	Released:	Recovered:
Receiving Medium	Water: Land: Other (Describe):	Release confined to Facility property: Release outside Facility property: If water, indicate extent and body of water:
Assessment of Impacts		
Disposal Method for Recovered Material		
Action Taken to Prevent Recurrence		
Safety Issues	Injuries: Fatalities:	Evacuation:

Note:

(1) Notification must not be delayed if information or individuals are not available. Additional pages may be attached to supplement information contained in the form.

APPENDIX E
Certification of the Applicability of the Substantial Harm Criteria Checklist

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

Section 112.20 (e) of the Facility response plan regulation requires that all facilities regulated by the Oil Pollution Prevention Regulation (40 CFR Part 112) conduct an initial screening to determine whether they are required to develop a Facility response plan. The criteria in this checklist can be found in 40 CFR 112.20(f)(1). Facilities should include this form with their SPCC.

FACILITY NAME: University of California, Santa Barbara

FACILITY ADDRESS: Environmental Health and Safety Bldg 565

Santa Barbara, CA 93106

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 **X**

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 oil storage tank area?
   Yes _____ No **X**

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 formula in Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula[1]) such that a discharge from the Facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife and sensitive environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Environments" (Section 10, Appendix E, 40 CFR 112 for availability) and the applicable Area Contingency Plan.
   Yes _____ No **X**

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 (Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula[1]) such that a discharge from the Facility would shut down a public drinking water intake[2]?
   Yes _____ No **X**

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 **X**

---

1 - If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to this form.

2 - For the purposes of 40 CFR Part 112, public drinking water intakes are analogous to public water systems as described at 40 CFR 143.2 (c).