SPILL PREVENTION, CONTROL & COUNTERMEASURES (SPCC) PLAN

University of California, Irvine
Campus-wide

Prepared for:
Environmental Health and Safety
University of California, Irvine
Irvine, California 92697

Prepared by:
Ramboll US Corporation
5 Park Plaza, Suite 500
Irvine, California 92614

January 2, 2020
EMERGENCY CONTACTS AND PROCEDURES

In the event of a spill emergency the following should be contacted:

1. Fire Department - 911
2. U.C. Irvine Police Department (949) 824-5223
3. U.C. Irvine Environmental, Health & Safety (EH&S) Personnel

Primary Contact

Kirk Matin
Environ / Hazardous Waste Manager
Environmental Health & Safety
Business Phone: (949) 824-4578

Secondary Contact:

Eric Hoang
Environmental Programs Specialist
Environmental Health & Safety
Business Phone: (949) 824-2811

4. Oil Spill Clean-up Contractor

Clean Harbors
(800) 645- 8265
http://www.cleanharbors.com/
Estimated Response Time is 2 Hour

In the event of a spill, the following procedures should be followed:

1. If there is a fire or injury immediately call 911.
2. If there is a spill to the storm drain, immediately call EH&S personnel.
3. If possible, stop the flow of fuel/oil by shutting a valve or turning off a pump.
4. Isolate and contain the spilled material by creating an earthen berm with a shovel or other available equipment (beware of fire danger).
5. Estimate the amount of spilled material.
6. Make the above notifications.
7. Use available cleanup equipment and/or spill contractors to cleanup the spilled material and contaminated soil.
8. Document all spill response and cleanup efforts, including notification calls following UCI – EH&S Response Plan and procedures list in Section 5.7 of this SPCC Plan.
CERTIFICATION PAGE

I hereby certify that I and an engineer working under my direction have examined the University of California, Irvine Campus Facilities. Being familiar with the provisions of 40 CFR, Part 112, I attest that this SPCC Plan has been prepared in accordance with good engineering practices and the requirements of 40 CFR 112; that this SPCC Plan establishes procedures for required inspections and testing, and is adequate for the facility. As the UCI Campus is large and complex, Ramboll’s inspection of the facility was limited only to oil storage areas identified and brought to its attention by the UCI EH&S Department, as provided in this plan. In performing its assignment, Ramboll relied upon publicly available information, information provided by UCI and information provided by third parties. Accordingly, the information in this plan is valid only to the extent that the information provided to Ramboll was accurate and complete.

_______________________________________
Signature

_______________________________________
Date

STAMP HERE

Registration No.:       31864         State:     California

MANAGEMENT APPROVAL

This SPCC Plan will be implemented as herein described.

_______________________________________
Kirk Matin
SPCC Designated Person
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### UC Irvine

**SPCC Plan Revision / Annual Review**

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<th>Revised By</th>
<th>Reason for Revision / Annual Review</th>
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<td>Clarify tank integrity requirements, added annual test for liquid level sensors; corrected conformance table</td>
<td>3.7, 3.8, 7.2, 8.0</td>
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<td>Clarify engineer’s certification statement; add spill notification and reporting procedures; add additional release predictions; add new 120-gallon portable refueling tank; include state regulatory citations; include secondary containment calculations for Social Science Lab and Rowland Hall (Appendix D); describe piping conformance</td>
<td>Certification page, 1.4 3.11, 5.7, 8.4, Appendices B and D</td>
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| 14           | 1/15   | Kirk Matin          | Annual Review  
Added Business Unit 2 Generator                                                                                                                                                                              | All Sections     | Annual Review Update      |
| 15           | 1/16   | Kirk Matin          | Added Mesa Court Generator                                                                                                                                                                                   | Appendix B       | Update                    |
| 16           | 5/16   | Kirk Matin          | Added:  
UNEX Generator  
Oil Spill Clean-up Contractor, Clean Harbors.  
Removed:  
Social Sci Plaza A Fire Pump Emergency Contacts, Ricardo Cruz and Haz Mat Services.                                                                 | Appendix B       | Update                    |
| 17           | 1/17   | Kirk Matin          | Annual Review  
Added Engineering Lab Facility storage building.  
Annual Review.                                                                                                                                                                                                  | All Sections     | Annual Review             |
| 18           | 11/17  | Kirk Matin          | Updated Central Plant portable diesel fuel trailer to single walled.  
Updated elevator and transformer list.                                                                                                                                                                         | Section 2.4      | Update                    |
| 19           | 1/18   | Kirk Matin          | Annual Review  
Updated the generator portable diesel fuel trailer secondary containment storage area.                                                                                                                      | All Sections     | Annual Review             |
| 20           | 5/18   | Kirk Matin / Ramboll | Updated Contracts  
Removed Grounds Oil Drums                                                                                                                                                                                   | All Sections     | Annual Review             |
| 21           | 1/19   | Kirk Matin          | Annual Review  
Added Engineering Lab Facility storage building.  
Annual Review.                                                                                                                                                                                                  | Appendix B       | Annual Review             |
| 22           | 1/20   | Kirk Matin / Eric Hoang | Annual Review  
Added Engineering Lab Facility storage building.  
Annual Review.                                                                                                                                                                                                  | Appendix B       | Annual Review             |
1.0 Introduction and Plan Content

1.1 Introduction
This Spill Prevention, Control, and Countermeasures (SPCC) Plan has been prepared for the University of California, Irvine Central Campus (UCI) located in the City of Irvine, California. This Plan has been developed in accordance with the regulatory requirements of Title 40 of the Code of Federal Regulations, Part 112 (40 CFR Part 112). This Plan has specifically been created to address potential spills from oil storage containers at UCI that are specified in this Plan. This Plan does not include operations conducted at off-site locations, such as the UCI Medical Center in Orange, California.

1.2 Plan Purpose and Objectives
The objectives of this Plan are to define the spill prevention, control, and countermeasures implemented by UCI Environmental Health & Safety (EH&S) Department for the UCI facility. The Plan is an integral part in establishing an efficient and effective spill prevention program. The SPCC Plan addresses the following topics:

- Bulk Storage Containers;
- Personnel Training and Spill Prevention Procedures;
- Bulk Liquid Transfer Operations;
- Facility Drainage;
- Inspections and Records; and
- Security.

1.3 Plan Review and Update Requirements
This Plan shall be reviewed and updated on an annual basis to ensure all the requirements within this Plan are achieved. The SPCC “Designated Person” shall be responsible for all reviews and updates made to this Plan. (The Designated Person is identified on the front emergency contact page.) The Plan will be reviewed and updated when necessary under the following circumstances:

- Annual review;
- Subsequent to the commission or decommission of any aboveground storage tanks (ASTs);
- Subsequent to the replacement, reconstruction, or movement of ASTs;
- Subsequent to any construction or demolition that could alter secondary containment systems of the ASTs; and
- Subsequent to any revisions of standard operation or maintenance procedures at the facility.
The SPCC Plan must be reviewed and certified by a professional engineer every five years and whenever a Plan amendment is performed.

1.4 Applicable Regulations

Federal regulations regarding SPCC Plan development and implementation are attached in Appendix A, which is 40 CFR Part 112. Additionally, the California Aboveground Petroleum Storage Act (APSA) “tank facility” requirements apply to the UCI Campus as it stores more than 1,320 gallons of petroleum-based oils on-site. The APSA tank facility requirements are found in California Health and Safety Code, Chapter 6.67, Section 25270.3, and mirror requirements for an SPCC facility under 40 CFR Part 112, except for administrative requirements of notification and fees to the local Unified Program Agency (UPA).
2.0 Facility Information

2.1 Facility Description
The UC Irvine Central Campus is located on 1,470 acres in the City of Irvine, County of Orange, California. The campus is situated south of Interstate 405 freeway and north of State Route 73. (Refer to Figure 1 for a topographic vicinity map.) The facility is bound by Jamboree Road to the north, Campus Drive to the northeast, Culver Drive to the east, Bonita Canyon Road to the south and State Route 73 to the west.

2.2 Vicinity Map
Figure 1 provides a vicinity map that shows the campus location with reference to local area streets.

2.3 Campus Map
Figure 2 shows the general layout and buildings located on the UC Irvine Campus. This figure is updated several times a year by UCI Student Affairs.

2.4 Standby Generators
In many areas around UCI, diesel-fired internal combustion engines are used as standby generators of electricity in case of a power failure. These standby generators are primarily located adjacent to the buildings to which they provide power. All of the standby generators have either a nearby external fuel storage tank or a fuel tank that is installed directly beneath and attached to its standby generator. For standby generators with an external fuel storage tank, these tanks are defined as “bulk storage containers” and are described in Section 3.0 of this Plan. For the standby generators with an integrated fuel tank, the reservoir at the bottom of tank is also considered bulk storage container; however the engine above that tank is defined as “oil-filled operating equipment,” which is not a “bulk storage container” pursuant to the SPCC regulation. All fuel tanks are required to have some means of secondary containment; however, oil-filled operating equipment (i.e., the engines) are not subject to the requirements of 40 CFR 112.8(c). All standby generators with attached storage tanks meet the secondary containment control requirements by having double wall or reservoir basins in the fuel holding tanks. All standby generators with fuel-holding tanks are included in Appendix B.

UCI Facilities Management periodically operates all emergency generators for testing and replenishes storage tanks with diesel fuel. UCI Facilities Management personnel perform filling of the generator fuel tanks by using a truck trailer-mounted single-walled tank. When not in use, the portable refueling tank is stored in a concrete berm secondary containment area at the UCI Electrical Substation.
2.5 Hazardous Waste Storage

Hazardous waste generated at the main campus is collected in 30-gallon poly drums and transported to the Environmental Health & Safety Building (Campus Building 41) where containers are stored inside a locked storage room until the waste is picked up by an offsite hazardous waste management contractor. The storage room has grated trenches that are designed to capture spills and drain liquid to an underground containment tank.
3.0 Bulk Storage Containers

Detailed information regarding the campus’ storage tanks and containers including tank specifications and secondary containment is provided in Appendix B and Appendix C.

3.1 Stationary Storage Tanks

Appendix B lists the stationary storage tanks at UCI including campus map building number, locations, tank capacity, contents, tank type, equipment type, and details regarding secondary containment.

3.2 Portable Storage Containers

Portable containers of oil-based materials are kept throughout the UCI campus. Although the containers are portable, they typically remain located in their respective areas and generally are not transported around the facility. Appendix B lists the portable storage tanks at UCI including campus map building number, locations, tank capacity, contents, tank type, equipment type, and details regarding secondary containment.

3.3 Integrated Fuel Reservoirs on Standby Generators

A list of all standby generators with integrated fuel-holding tanks is included in Appendix B. All standby generators store diesel fuel and the listing includes the capacity of each reservoir.

3.4 Material Compatibility

The steel used for storing diesel fuel, used cooking oil and motor oil are constructed using acceptable compatible materials.

3.5 Secondary Containment

The secondary containment method for the tanks is listed under “Comments” in Appendix B. Tanks indicated as double-walled are constructed with an integrated containment system. Tanks indicated as single wall have secondary containment (e.g. in most cases, a concrete containment berm) as described in the comments. 55-gallon drums are placed on secondary containment pallets.

3.6 Rainwater Drainage

Many containment areas are located outside and will collect rainwater within the containment area in the event of a storm. Containment areas are designed with a plug that may be manually opened to remove accumulated rainwater, or manually pumped out. Before any rainwater is removed from the containment areas, the operator must follow best management practice (BMP) procedures that are described in UCI’s storm water management plan (SWMP). After the accumulated rainwater is drained off from the containment area, the plug must be inserted and secured back in position to prevent discharge.
3.7 Integrity Testing
In accordance with the Steel Tank Institute SP-001 standard, integrity testing for all tanks and containers no larger than 5,000 gallons is achieved by performing visual inspections. Each aboveground bulk storage container, including tanks and drums, must be inspected for integrity on a monthly basis and whenever material repairs are performed on a tank or container. Section 7.2 provides details for monthly inspections. In addition, liquid level sensors should be tested annually, as described in Section 3.8. For tanks larger than 5,000 gallons, a formal external inspection by a certified inspector must be performed every 20 years. For the UCI campus, this includes only the 10,000-gallon tank, with 7,000-gallon gasoline fuel compartment at the UCI Facilities Fueling area (Building #91). The certified inspector must follow the SP-001 standard, including review of previous formal inspection reports, determination of original shell thickness, measurement of current shell thickness, and ultrasonic thickness testing. The ultrasonic thickness testing may lead to ultrasonic testing scan, if determined by the certified inspector. Records of the integrity testing should be kept in the SPCC Plan copy held by the SPCC Designated Person.

3.8 Liquid Level Sensors
The two outdoor aboveground storage containers storing fuels at North Campus are each equipped with a liquid level sensor that automatically cuts off the pump at a predetermined container content level to prevent overfilling the container. No other containers are equipped with high liquid level sensors, which is an exception to the requirements of 40 CFR §112.8(c)(8). However, all other tanks are filled manually with a nozzle inserted directly into the tank and the tank operator visually observes when the liquid level reaches capacity, at which point the operator disengages fuel flow to the tank. The liquid level sensors must be tested annually for proper operation.

3.9 Visible Discharges
In the event that operators observe discharges that result in a loss of oil from any storage container, the operator must promptly remove any accumulation of oil within the containment area.

3.10 Oil-filled Equipment
UCI operates a variety of oil-filled electrical and operating equipment such as transformers, research equipment, and elevators. In accordance with the SPCC regulation, these types of equipment are not subject to the requirements for bulk storage containers set forth in Section 3.0 of this Plan. All elevators are routinely maintained by contracted elevator service companies that are required to inspect hydraulic reservoirs for signs of leaks or deterioration. Elevator service contractors must have a procedure in place to adequately contain and clean up any discovered spills from hydraulic
reservoirs and follow UCI’s hazardous waste management procedures for proper disposal. Elevator hydraulic reservoirs are located inside buildings, which provide discharge prevention in the event of a leak or spill. UCI-owned transformers are maintained by UCI Facilities and utility-owned transformers are maintained by Southern California Edison.

3.11 Piping

Piping from storage tanks to operating equipment must also be contained to prevent discharge. All piping from storage tanks to external equipment (generators, fire pump, and fuel dispensers) is either buried or inside containment berms to prevent discharge. Per SPCC regulation requirements for process transfer [40 CFR 112.8(d)(3)], piping must have supports that minimize abrasion and corrosion and allow for expansion and contraction. All aboveground piping has been constructed with adequate supports aboveground that do not accumulate moisture, thereby minimizing corrosion. Aboveground piping is situated in places that are generally free from sources of abrasion (e.g., no moving parts or significant vibration). Further, all piping is comparatively small in diameter and not prone to significant effects from expansion and contraction. Piping is either constructed of galvanized materials, located indoors, and/or painted to further reduce the potential for corrosion. Lastly, monthly inspections will identify any signs of corrosions where repainting or piping replace is needed, all piping is routinely inspected for signs of corrosion and abrasion.

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1 Elevators and transformers throughout the facility were not inspected by Ramboll; rather, this plan provides general SPCC approaches for such areas.
4.0 Procedures for Operations and Discharge Prevention

4.1 Tank Filling Procedures

4.1.1 North Campus Fueling Area
An outside service provider performs tank filling of the fuel tanks storing gasoline, diesel, diesel B20, and biodiesel B99 at North Campus, and on-site personnel who are trained in SPCC procedures provide oversight. The filling procedures consist of the following:

- The delivery person initially gauges the AST to determine amount of fuel or oil to be delivered. The order is compared with the available tank capacity.
- The delivery person makes a connection to electrically ground the delivery truck and system before off-loading begins.
- The delivery person constantly monitors the off-loading activity.

Additional guidelines include:

- The fuel tanks are equipped with a ground-level loading system and a “dry-break” adapter check valve which prevents spills or riser pipe drainback when the loading hose is disconnected.
- The loading point also has a spill containment pan with 16-gallon capacity and a hand pump to collect and manage any accidental spills or leaks.
- The system has automatic shutoff valves as well as an emergency shutoff valve.

4.1.2 Standby Generator and Diesel Off Road Equipment Fuel Tank Loading
UCI Anteater Recreation Center personnel perform filling of diesel off road equipment by using a truck trailer-mounted double-walled tank. When not in use, the portable refueling tank is stored at Anteater Recreation Center.

UCI personnel perform tank loading. The filling procedures consist of the following:

- The portable double-walled tank is transported by trailer and parked on a level and flat surface in the vicinity of the equipment.
- The trailer remains attached to the parked vehicle with the emergency brake engaged.
- All tanks are filled through a fill port located on or near the top of the tank.
- A hose and nozzle is connected to the portable tank.
- After removing the fill cap, the operator inserts the filling nozzle into the fill port.
- The operator activates the fill pump and begins to fill the tank.
The operator watches the filling operations to ensure the tank is not over-filled.
Once the operator recognizes that the liquid level reaches near full, the operator disengages the filling nozzle to stop fuel flow.
The cap is replaced on the tank and secured shut.
The operator returns the hose and nozzle to the trailer and secures the equipment for transport.

4.2 Product Dispensing Procedures
Equipment and vehicles are refueled in the following manner:
- A dispenser key is provided for fueling.
- The person fueling follows the instructions posted at dispenser.
- The person fueling continuously monitors the entire fueling process.

4.3 Loading Dock Operations
When receiving or shipping an oil product or waste. The following procedures are followed:
- Oil products are only accepted and/or shipped in approved Department of Transportation (DOT) containers.
- Oil containers are stored away from the edge of the loading dock.
- To the extent possible, oil containers are kept sheltered from rain.
- Oil drums are moved by using drum dollies or by forklift using a drum tote or other method of securing the drum during transport.
- When not in use, containers are kept securely closed.

4.4 Used Cooking Oil Disposal
At Campus Kitchen facilities, used cooking oil is collected in small containers\(^2\) and poured into storage containers that are approximately 40 gallons.

At the Student Center, used cooking oil is pumped into a port that is plumbed to a 353-gallon used oil storage tank. The tank has a level gauge that prevents the pump from operating (under suction) when the tank is full. A red light alerts the operator that the tank is full and needs to be emptied.

4.5 Used Cooking Oil Disposal Pickup
At Campus Kitchen facilities, a contractor (e.g., Baker Commodities) provides removal of used cooking oil for disposal at an off-site facility. The contractor uses a 3,000-gallon tank truck to unload and empty the 40-gallon drums and Student Center storage tank via vacuum pump. The Kitchen Area supervisor is responsible for scheduling and oversight of the contractor’s activities. Alternatively, the 40-gallon drums may be hauled off-site on a flatbed truck.

\(^2\) Generally 5 gallons or less
5.0 Spill Response

5.1 Designated Person
Kirk Matin is the Designated Person responsible for SPCC management. The Alternate Designated Person is Eric Hoang. Emergency contact information for the Designated Persons is included on page 2 and in the following section.

5.2 Emergency Contacts

<table>
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<th>Primary Contact</th>
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<tr>
<td>Kirk Matin</td>
</tr>
<tr>
<td>Environmental / Haz Waste Manager</td>
</tr>
<tr>
<td>Environmental Health &amp; Safety</td>
</tr>
<tr>
<td>Business Phone: (949) 824-4578</td>
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<th>Secondary Contact:</th>
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<tr>
<td>Eric Hoang</td>
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<tr>
<td>Environmental Programs Specialist</td>
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<tr>
<td>Environmental Health &amp; Safety</td>
</tr>
<tr>
<td>Business Phone: (949) 824-2811</td>
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<th>U. C. Irvine Police Department</th>
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<tbody>
<tr>
<td>Phone: (949) 824-5223</td>
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5.3 Spill Response Procedures
In all areas of oil storage, a posted sign provides the following steps for a person who responds to a spilled material. These steps are also stated on page 2 of the Plan:

In the event of a spill, the following procedures should be followed:

1. If there is a fire or injury immediately call 911.
2. If there is a spill to the storm drain, immediately call EH&S personnel.
3. If possible, stop the flow of fuel/oil by shutting a valve or turning off a pump.
4. Isolate and contain the spilled material by creating an earthen berm with a shovel or other available equipment (beware of fire danger).
5. Estimate the amount of spilled material.
6. Make the above notifications.
7. Use available cleanup equipment and/or spill contractors to clean up the spilled material and contaminated soil.

8. Document all spill response and cleanup efforts, including notification calls following UCI – EH&S Response Plan and steps identified in Section 5.7 below.

5.4 Available Spill Cleanup Equipment

EH&S has developed a Response Plan, on file in the EH&S Department, that addresses countermeasures for response and cleanup of spilled hazardous materials. The EH&S building maintains an emergency hazardous material response truck. This vehicle is equipped with hazardous material storage receptacles, absorbent booms, pads, and an absorbent powder. The truck also contains appropriate personal protective equipment (PPE). Larger quantities of the above listed supplies are stored in the EH&S Building.

5.5 Spilled Material Disposition

All spilled material included in a cleanup shall be managed as hazardous waste, except for any portion of material that is recovered and deemed usable by the area manager. UCI EH&S is responsible for managing the disposition of the materials cleaned up.

5.6 Spill History

There have been no spills of oil in harmful quantities at the UCI campus.

5.7 Spill Notification and Reporting

The UCI – EH&S Response Plan includes an emergency notification regulatory call list. In any emergency event, UCI EH&S will primarily follow those procedures. Below are the notifications that are applicable to oil discharges.

Notification to the Orange County Health Care Agency (OCHCA) and California Emergency Management Agency (CalEMA) are required for any spill or event that results in a significant or threatened release of oil. UCI EH&S is responsible to provide the initial notification immediately upon discovery via telephone to OCHCA at (714) 433-6000 and CalEMA at (800) 852-7550 and subsequently prepare follow-up written reports. Information regarding initial notification information and reporting information are provided later in this section.

Notification to the National Response Center is required for any spill event that discharged more than 1,000 U.S. gallons of oil in a single discharge, or discharged more than 42 gallons of oil in each of two discharges, occurring within any twelve month period. UCI EH&S is responsible to provide the
initial notification via telephone (800) 424-8802 and prepare a follow-up report either written or online\(^3\).

The initial notification telephone calls should include the following information, at a minimum, to the extent known:

- Identity of caller, including telephone number and facility address
- Location, date and time of spill, release, or threatened release
- Location of threatened or involved waterway or storm drains.
- Material/Chemical name (e.g., motor oil, diesel fuel, etc.)
- Estimated quantity involved
- Description of what happened, including source and cause of spill, all potentially affected media
- Damages or injuries caused by spill
- Actions being used to stop, remove, and mitigate the effects of the spill
- Whether an evacuation may be needed

The follow-up written reports must include at least the following information and should be provided as soon as possible, not to exceed 60 days from the date of the spill event or 7 days, if the spill is Reportable Quantity\(^4\):

- Name and location of the facility
- Owner/operator name
- Name of person preparing the report
- Maximum storage/handling capacity of the facility and normal daily throughput
- Corrective actions and countermeasures taken, including descriptions of equipment repairs and replacements
- Adequate description of the facility, including maps, flow diagrams, and topographical maps, as necessary
- Cause of the discharge to navigable waters, including a failure analysis
- Failure analysis of the system where the discharge occurred
- Additional preventive measures taken or planned to take to minimize discharge reoccurrence

\(^3\) [http://www.nrc.uscg.mil/](http://www.nrc.uscg.mil/)

\(^4\) Section 304 of the Emergency Planning and Community Right-to-Know Act
6.0 Security

6.1 Locked Storage Locations
The security measures for the storage locations are as follows:

- All diesel fuel tanks for standby generators are located within locked gates or inside locked buildings.
- The gasoline/diesel AST at North Campus is accessible during business hours and non-accessible (locked gate) during non-operational hours (i.e., when the facility is unattended).
- The hazardous waste storage area in the EH&S Building is inside the building that remains locked during non-operational hours (i.e., when the facility is unattended).
- The trailer-mounted diesel-refueling tank is stored outside within a locked gated area during non-operational hours (i.e., when the facility is unattended).

6.2 Lighting
Lighting at the University is provided with several different styles of fixtures mounted on buildings adjacent to the AST’s or on lighting posts. All outdoor AST’s and drum containment shelters have lighting above or directed towards the storage location. All ASTs and drums stored indoors are provided with indoor lighting. Any person in the area must maintain the lighting in storage areas in a manner that would allow visual discovery of liquid discharges occurring during hours of darkness.

6.3 Interlocked Warning System
During loading and unloading operations of the North Campus Fueling AST, tanker truck drivers are required to be out of the trucks monitoring the operations. Drivers are also responsible for making and breaking connections of transfer lines. As such, an interlocked warning system is not necessary to prevent vehicular departure before complete disconnection of transfer lines.

6.4 Protection from Vehicles
Crash posts and cinder blocks are installed around all the large tanks that are near vehicle access ways.

6.5 Campus Security
The UCI Police Department provides general campus security 24 hours a day, 7 days a week by patrolling the North and Central Campuses. Storage tanks have signs that instruct persons observing any spill or problem to call campus security at (949) 824-5223. UCI Police will then inform the EH&S emergency contact.
7.0 Training, Inspections, and Records

7.1 Personnel Training

7.1.1 Proper Tank Filling and Product Dispensing

All new personnel are trained on proper fuel dispensing protocol by a trained supervisor. Training records regarding operating procedures are kept in personnel files.

7.1.2 Training for the SPCC Plan

Personnel who are involved with handling of oil materials must be trained on the SPCC Plan. Training will focus on personnel becoming familiar with the Plan to assure adequate understanding of the provisions stated in the Plan. Training will be provided at least once per year. Training for spill response and cleanup will be provided under the EH&S Department training program for Emergency Response. UCI will manage and maintain training records through its internal training records database.

7.2 Inspections

The inspection frequency of all aboveground storage containers and associated piping are described in Appendix B. These inspections are intended to identify any visible signs of discharge, material corrosion, unusual activity, or other potential problems, including integrity. Any visible signs of discharge should be immediately reported to the EH&S Department who will coordinate a prompt cleanup of oil. Any and all other recognized abnormalities should be corrected immediately; otherwise the problem must be reported to area manager and the SPCC Designated Person. The area manager and SPCC Designated Person or designee will coordinate a corrective action schedule that will focus on correcting the problem as soon as practicable.

Inspection records shall be obtained for each inspection and kept in logs that are maintained by the SPCC Designated Person. There will be a separate log for each of the following areas: standby generator tanks, North Campus operations, and EH&S Services. An example copy of a log form is included in Appendix D.

7.2.1 Tank Inspections

UCI Facilities Management performs the mechanical and electrical inspections of all standby generators and storage tanks. These inspections are conducted during the routine operational testing of the standby generators and the firewater pump on a set schedule, which occurs at least monthly. Additionally, Facilities Management performs inspections on the diesel/gasoline tank at North Campus. Visual observations of the storage tanks and the associated
containment area are conducted during the inspections. For double-wall tanks, when possible the interstitial space must be checked for signs of liquid leaks.

7.2.2 Drum Storage Inspections
The inspection frequency of all drum storage areas are described in Appendix B. A designee of the SPCC Coordinator conducts inspections of drum storage areas.

7.3 Annual SPCC Plan Compliance Inspection
The Designated Person for each tank location is responsible for an annual SPCC Plan compliance inspection to ensure that all requirements identified with this Plan are being fulfilled.

7.4 Plan Review
Review of the SPCC Plan will be performed by EH&S every 5 years (as required in 40 CFR 112.5(b)), see Appendix A. A Professional Engineer will certify any technical amendments to the Plan as required in 40 CFR 112.5(c).

7.5 Record Retention
Tank information, facility diagrams\(^5\), SPCC Plan updates, and any other information that is a part of this Plan are regularly updated and maintained in the UCI EH&S Department by the SPCC Coordinator.

The department in charge of the tank maintains tank inspections records in their main office. Additionally, electronic records of inspections for standby generators are maintained in preventative maintenance software program accessible to various UCI departments via its online intranet.

All records must be maintained for a period of at least three years.

\(^5\) Campus Map, as updated regularly by UCI Student Affairs
### 8.0 Conformance with Applicable Requirements

<table>
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<tr>
<th>Regulatory Section (40 CFR)</th>
<th>Description</th>
<th>SPCC Plan Section</th>
</tr>
</thead>
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<td>Provide conformance with applicable requirements</td>
<td>(all sections)</td>
</tr>
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<td>112.7(a)(2)</td>
<td>Deviations from Standard, except secondary containment</td>
<td>§8.1</td>
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<tr>
<td>112.7(a)(3)</td>
<td>Physical layout and diagram</td>
<td>§2.1 and Figures 1, 2 &amp; 3</td>
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<td>Methods of disposal of recovered material</td>
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<td>Contact list and phone numbers</td>
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<td>112.7(a)(4)</td>
<td>Procedures for reporting discharge</td>
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<tr>
<td>112.7(a)(5)</td>
<td>Making procedures readily available</td>
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<td>112.7(d)</td>
<td>Deviations from secondary containment requirement</td>
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<tr>
<td>112.7(e)</td>
<td>Inspections, tests, and records</td>
<td>§7.0 - §7.5</td>
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<tr>
<td>112.7(f)</td>
<td>Personnel, training, and discharge prevention procedures</td>
<td>§4.0 - §4.5, §7.1</td>
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<tr>
<td>112.7(g)</td>
<td>Security</td>
<td>§6.0 - §6.5</td>
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<td>112.7(h)</td>
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<td>§4.1.1</td>
</tr>
<tr>
<td>112.7(i)</td>
<td>Field-constructed AST repair, alteration, reconstruction, or change in service.</td>
<td>Not applicable</td>
</tr>
<tr>
<td>112.7(j)</td>
<td>Additional prevention standards</td>
<td>§1.4</td>
</tr>
<tr>
<td>112.8(b)</td>
<td>Facility drainage</td>
<td>Not applicable; no diked storage areas</td>
</tr>
<tr>
<td>112.8(c)(1)</td>
<td>Material compatibility</td>
<td>§3.4</td>
</tr>
<tr>
<td>112.8(c)(2)</td>
<td>Secondary containment</td>
<td>§3.5</td>
</tr>
<tr>
<td>112.8(c)(3)</td>
<td>Discharge of rainwater</td>
<td>§3.6</td>
</tr>
<tr>
<td>112.8(c)(4)</td>
<td>Complete buried metallic storage tanks</td>
<td>Not applicable</td>
</tr>
<tr>
<td>112.8(c)(5)</td>
<td>Partially buried or bunkered metallic tanks</td>
<td>Not applicable</td>
</tr>
<tr>
<td>112.8(c)(6)</td>
<td>Integrity testing</td>
<td>§3.7</td>
</tr>
<tr>
<td>112.8(c)(7)</td>
<td>Internal heating coils</td>
<td>Not applicable</td>
</tr>
<tr>
<td>112.8(c)(8)</td>
<td>Liquid level sensors</td>
<td>§3.8</td>
</tr>
<tr>
<td>112.8(c)(9)</td>
<td>Effluent treatment facilities</td>
<td>Not applicable</td>
</tr>
<tr>
<td>112.8(c)(10)</td>
<td>Correct visible discharges</td>
<td>Not applicable</td>
</tr>
<tr>
<td>112.8(c)(11)</td>
<td>Portable and mobile oil storage containers</td>
<td>§3.2</td>
</tr>
<tr>
<td>112.8(d)</td>
<td>Piping</td>
<td>§3.11</td>
</tr>
</tbody>
</table>
8.1 Deviations from General Requirements

With the exception of the aboveground storage containers storing vehicle fuels at North Campus and several other tanks with liquid level gauges, no other bulk storage containers are equipped with high liquid level sensors, which is an exception to the requirements of 40 CFR §112.8(c)(8). However, all other tanks are filled manually with a nozzle inserted directly into the tank and the tank operator visually observes when the liquid level reaches capacity, at which point the operator disengages fuel flow to the tank.

Per §112.7 (a)(3), a diagram “must mark the location and contents of each fixed oil storage container and the storage area where mobile or portable containers are located.” Given the campus’s size, numerous oil storage locations in and among buildings of complex configurations, a single or series of marked up diagrams would not provide the user an effective tool for locating oil storage throughout the campus. Rather, the diagram used for SPCC purposes is the “Campus Map” used in conjunction with the storage tank listing in Appendix B that specifies each storage location building number. Since the “Campus Map” is updated by UCI Student Affairs several times a year, it is impractical to modify the SPCC storage diagram every time the main campus map is updated. Using this approach provides for consistency in UCI’s management systems.

A complete listing of oil-filled operating equipment (elevators and electrical transformers) for units containing 55 gallons or more is included in this Plan in Appendix B. Numerous elevators and transformers are located throughout the campus. Elevator service contractors are required to provide oil spill prevention and cleanup services according to their company policies. Many electrical transformers of various sizes are scattered throughout the campus. UCI Facilities is responsible for maintenance of electrical transformers. Further, this plan was developed without the certifying engineer’s inspection of oil-filled operating equipment; except where specifically provided herein, conformance to the SPCC Rule per oil associated with elevators and electrical transformers is not provided under the engineer’s certification.

Other than the requirements listed above, no other deviations from the general SPCC requirements are present at the facility.

8.2 Deviations from Secondary Containment Requirement

No deviations from secondary containment requirements are present at the facility.

8.3 Drainage Requirements for Potential Discharge Areas

There are no areas of potential discharge of oil from storage locations since containment (i.e., berms, walls, or double-wall construction) is provided for all storage tanks and portable containers.
To mitigate potential discharge from the onsite loading rack at North Campus during fueling operations, a berm is constructed around the area. The containment capacity of the area is designed to store up to 4,200 gallons, which is the largest storage compartment of a fueling truck.

All piping is constructed within secondary containment areas, buried, or constructed to flow into secondary containment areas in order to prevent potential discharges.

8.4 Major Equipment Failure Scenarios

Several types of oil-containing equipment are present at the UCI campus, each with a relatively low degree of potential for major equipment failure. The table below provides the types of major equipment failure for each type of equipment.

<table>
<thead>
<tr>
<th>Area</th>
<th>Type of failure (discharge scenario)</th>
<th>Potential discharge volume (gallons)</th>
<th>Direction of flow for uncontained off-site discharge</th>
<th>Secondary containment method</th>
<th>Secondary containment capacity (gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Storage Containers and Mobile Portable Containers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stationary tanks outdoors</td>
<td>Leaking tank or fitting</td>
<td>0</td>
<td>None</td>
<td>Double wall or containment berm</td>
<td>Sufficient to hold 100% plus storm freeboard</td>
</tr>
<tr>
<td>Stationary tanks indoors or in buried bunkers</td>
<td>Leaking tank or fitting</td>
<td>0</td>
<td>None</td>
<td>Double wall, containment berm, or building walls</td>
<td>Sufficient to hold 100%</td>
</tr>
<tr>
<td>Drum storage areas</td>
<td>Leaking drum; tip over</td>
<td>≤55</td>
<td>North to San Diego Creek (via storm drain outfall)</td>
<td>Pallets, shelters, drains to underground tank (EH&amp;S Dept.)</td>
<td>&gt;55</td>
</tr>
<tr>
<td>Portable, trailer-mounted tanks</td>
<td>Leaking tank or fitting; tip over</td>
<td>≤120</td>
<td>North to San Diego Creek (via storm drain outfall)</td>
<td>Containment plate</td>
<td>&gt;120</td>
</tr>
<tr>
<td>Oil-filled Operational Equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elevators inside buildings</td>
<td>Reservoir leak; hose break</td>
<td>0</td>
<td>None</td>
<td>Building floors; elevator rooms; pits</td>
<td>(not verified)</td>
</tr>
<tr>
<td>Electrical transformers</td>
<td>Leak, corrosion, fire</td>
<td>&lt;597</td>
<td>North to San Diego Creek (via storm drain outfall)</td>
<td>Active containment (response)</td>
<td>(not required)</td>
</tr>
</tbody>
</table>

Piping, Valves, etc.
<table>
<thead>
<tr>
<th>Area</th>
<th>Type of failure (discharge scenario)</th>
<th>Potential discharge volume (gallons)</th>
<th>Direction of flow for uncontained off-site discharge</th>
<th>Secondary containment method</th>
<th>Secondary containment capacity (gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk storage containers piped to equipment, dispensers, etc.</td>
<td>Leak, faulty pump, automatic shut-off failure</td>
<td>&lt;7,000 (North Campus)</td>
<td>South to San Diego Creek (via duck ponds)</td>
<td>Active containment (response)</td>
<td>Varies; some have no permanent fixtures</td>
</tr>
<tr>
<td><strong>Product Transfer Areas (location where oil is loaded to or from a container or dispenser)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filling diesel fuel reservoirs for emergency generators</td>
<td>Operator error, dispenser failure</td>
<td>≤120</td>
<td>North to San Diego Creek (via storm drain outfall)</td>
<td>Active containment (response)</td>
<td>Worst-case none; varies by location of incident</td>
</tr>
<tr>
<td>Facilities Management Fueling</td>
<td>Tank truck failure, operator error</td>
<td>≤4,200</td>
<td>North to San Diego Creek (via storm drain outfall)</td>
<td>Two underground interceptors</td>
<td>2,400 (interceptors); 4,400 temporary berm</td>
</tr>
<tr>
<td>Used Cooking Oil bulk truck pick-up from tank or portable containers</td>
<td>Tank truck leak</td>
<td>≤3,000</td>
<td>North to San Diego Creek (via storm drain outfall)</td>
<td>Active containment (response)</td>
<td>Worst-case none; varies by location of incident</td>
</tr>
</tbody>
</table>

The worst-case scenario would be a spill that could happen at the Facilities Management Fueling Area during tank loading. A 4,200-gallon tank truck is used to fill either the diesel fuel or gasoline fuel tank compartment. A spill of the tank truck vessel could possibly discharge 100 or more gallons per minute. This area is sloped to collect liquids in nearby drain that leads to a series of two interceptors. The combined capacity of the interceptors is about 1,200 gallons. The area is bermed with a storage capacity of approximately 4,400 gallons. Loading of the tanks in this area is not conducted during storm events.
FIGURES

- Figure 1  Vicinity Map
- Figure 2  Campus Map
Site Vicinity Map
University of California at Irvine
4600 Bison Avenue, Irvine, California

Figure 1

SOURCE:
U.S.G.S. 7.5 minute series (topographic)
Tustin, CA Quadrangle, version 1975, current as of 1981
Laguna Beach, CA Quadrangle, version 1975, current as of 1981
Newport Beach OES, CA Quadrangle, version 1975, current as of 1981
Newport Beach, CA Quadrangle, version 1973, current as of 1981

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
SCALE 1:24000

Drater: JJC Date: 10/11/04 Contract Number: C4-10/647E Approved: Revised:
APPENDIX A

SPCC Regulation 40 CFR Part 112
APPENDIX B

Table of Storage Tanks
APPENDIX C

Tank and Secondary Containment Specifications
Secondary Containment Calculations for ASTs

Social Science Plaza A:

Description: One 220-gallon horizontal cylindrical tank within a bermed area; tank sits on legs several feet above the ground. Tank located outdoors.

Single-Tank Dimensions: 72-in length x 30-in diameter

Secondary Containment Specifications:
Length: 84 inches
Width: 60 inches
Area: 5,040 in²
Height of wall: 16 inches

Required Containment Volume = Maximum Tank Volume: 220 gallons

Freeboard for Storm Water: 25-year, 24-hour storm event; 4 inches

Available Containment Height: Height of wall – Freeboard for storm water = 12 inches

Available Capacity: (Total Area 5,040 in²) x 12 in = 60,480 in³ = 261 gallons

Displaced Capacity: negligible

Available Containment Volume: **261 gallons**

The available containment volume (261 gallons) is more than the required containment volume (220 gallons).
Secondary Containment Calculations for ASTs

McGaugh Hall:

Description: One 550-gallon horizontal cylindrical tank in bermed area; sits on legs; tank bottom several inches above ground. Tank located indoors.

Secondary Containment Specifications:
L-shaped
Overall Length: 155 inches
Overall Width: 127 inches
Overall Area: 19,685 in²
Notch Short Length: 78 inches
Notch Width: 54 inches
Notch Area: 4,212 in²
Containment Area: Overall Area – Notch Area = 15,473 in²
Height of wall: 12 inches

Required Containment Volume = Maximum Tank Volume: 550 gallons

Freeboard for Storm Water: (not applicable)

Available Containment Height: Height of wall = 12 inches

Available Capacity: (Containment Area 15,473 in²) x 12 in = 185,676 in³ = 800 gallons

Displaced Capacity: (not applicable)

Available Containment Volume: **800 gallons**

The available containment volume (800 gallons) is greater than the required containment volume (550 gallons).
Secondary Containment Calculations for ASTs

Main Library:

Description: One 120-gallon rectangular tank in bermed area resting on floor. Tank located indoors.

Secondary Containment Specifications:
L-shaped
Overall Length: 265 inches
Overall Width: 164 inches
Overall Area: 43,460 in²
Notch Short Length: 190 inches
Notch Width: 48 inches
Notch Area: 9,120 in²
Containment Area: Overall Area – Notch Area = 34,340 in²
Height of wall: 6 inches

Required Containment Volume = Maximum Tank Volume: 120 gallons

Freeboard for Storm Water: (not applicable)

Available Containment Height: Height of wall = 6 inches

Available Capacity: (Containment Area 34,340 in²) x 6 in = 206,040 in³ = 890 gallons

Displaced Capacity: (not applicable)

Available Containment Volume: **890 gallons**

The available containment volume (890 gallons) is greater than the required containment volume (120 gallons).
Secondary Containment Calculations for ASTs

**Computer Science:**

**Description:** Single 300-gallon horizontal cylindrical tank in bermed area; sits on legs; tank bottom several inches above ground. Tank located outdoors. A portion of the containment area is situated underneath a roof, and therefore, freeboard for storm water is not required for covered portion.

**Secondary Containment Specifications:**

L-shaped  
Overall Length: 357 inches  
Overall Width: 120 inches  
Overall Area: 42,840 in²  
Notch Short Length: 261 inches  
Notch Width: 107 inches  
Notch Area: 27,927 in²  
Containment Area: Overall Area – Notch Area = 14,913 in²  
Covered Length: 144 inches  
Covered Width: 13 inches  
Covered Area: 1,872 in²  
Uncovered Area: Containment Area – Covered Area = 13,041 in²  
Height of wall: 10 inches

**Required Containment Volume = Maximum Tank Volume:** 300 gallons  
**Freeboard for Storm Water:** 25-year, 24-hour storm event: 4 inches  
**Available Containment Height:**

- *(covered area):* Height of wall = 10 inches  
- *(uncovered area):* Height of wall – Freeboard for storm water = 6 inches

**Available Capacity (Covered Area):** (Covered Area 1,872 in²) x 10 in = 18,720 in³ = 81 gallons  
**Available Capacity (Uncovered Area):** (Uncovered Area 13,041 in²) x 6 in = 78,246 in³ = 338 gallons  
**Total Available Capacity:** 419 gallons  
**Displaced Capacity:** (negligible)  
**Available Containment Volume:** **419 gallons**

The available containment volume (419 gallons) is greater than the required containment volume (300 gallons).
Central Plant:

Description: 200 gallon double walled tank in bermed area; tank bottom resting on concrete pad. Tank located outdoors.

Secondary Containment Specifications:
Length: 281 inches
Width: 135 inches
Area: 37,935 in²
Height of wall: 11 inches

Required Containment Volume = Maximum Tank Volume: 200 gallons

Freeboard for Storm Water: 25-year, 24-hour storm event: 4 inches

Available Containment Height: Height of wall – Freeboard for storm water = 7 inches

Available Capacity: (Total Area 37,935 in²) x 7 in = 265,545 in³ = 1,149 gallons

Displaced Capacity: (negligible)

Available Containment Volume: 1,149 gallons

The available containment volume (1,149 gallons) is greater than the required containment volume (425 gallons).
Secondary Containment Calculations for ASTs

Engineering Laboratory Facility:

Description: Two 250-gallon double walled rectangular tanks, 10 55-gallons drums inside a bermed area resting on the floor. The tanks and drums are located indoors.

Secondary Containment Specifications:
Length: 106 inches
Width: 153 inches
Area: 16,218 in²
Height of wall: 6 inches

Required Containment Volume = Maximum Tank Volume: 55 gallons

Freeboard for Storm Water: N/A

Available Containment Height: Height of wall – 6 inches

Available Capacity: (Total Area 16,218 in²) x 6 in = 97,308 in³ = 421 gallons

Displaced Capacity: negligible

Available Containment Volume: 421 gallons
The available containment volume (421 gallons) is exceeds the required containment volume (55 gallons).
Secondary Containment Calculations for ASTs

Rowland Hall:

**Description:** One steel single-walled 240-gallon external diesel fuel tank is located within a locked covered brick enclosure to the west of the building at the loading dock. The tank is piped underground to a standby generator inside of the building. A bunker constructed of brick surrounds the tank with a locked metal cover. The interior of the brick walls are coated with a watertight sealant and the tank sits upon a concrete floor. Since the bunker completely surrounds the tank, the bunker itself provides secondary containment.

**Secondary Containment Specifications:**
Length: 57 inches  
Width: 57 inches  
Area: 3,249 in²  
Height of wall: 47 inches

**Required Containment Volume = Maximum Tank Volume:** 240 gallons

**Freeboard for Storm Water:** N/A

**Available Containment Height:** Height of wall – 47 inches

**Available Capacity:** (Total Area 3,249 in²) x 47 in = 152,703 in³ = 661 gallons

**Displaced Capacity:** negligible

**Available Containment Volume: 661 gallons**
The available containment volume (661 gallons) is exceeds the required containment volume (240 gallons).
Secondary Containment Calculations for ASTs

Social Science Lab:

**Description:** One steel single-walled 240-gallon external diesel fuel tank is located within a locked covered brick enclosure to the south of the building at the loading dock. The tank is piped to an adjacent standby generator. A bunker constructed of brick surrounds the tank with a locked metal cover. The interior of the brick walls are coated with a watertight sealant and the tank sits upon a concrete floor. Since the bunker completely surrounds the tank, the bunker itself provides secondary containment.

**Secondary Containment Specifications:**
- Length: 57 inches
- Width: 57 inches
- Area: 3,249 in²
- Height of wall: 55 inches

**Required Containment Volume = Maximum Tank Volume:** 240 gallons

**Freeboard for Storm Water:** N/A

**Available Containment Height:** Height of wall – 55 inches

**Available Capacity:** (Total Area 3,249 in²) x 55 in = 178,695 in³ = 773 gallons

**Displaced Capacity:** negligible

**Available Containment Volume:** 773 gallons
The available containment volume (773 gallons) is exceeds the required containment volume (240 gallons).
Portable Fuel Dispensing Tank on Trailer:

Description: 110 gallon single-walled tank on a trailer used to fill standby generator fuel tanks. When not in use, the portable refueling tank is stored in a concrete berm secondary containment area at the UCI Electrical Substation. The tank and containment area are located outdoors.

Secondary Containment Specifications:
Length: 125 inches
Width: 117 inches
Area: 14,625 in²
Height of wall: 6 inches

Required Containment Volume = Maximum Tank Volume: 110 gallons

Freeboard for Storm Water: 25-year, 24-hour storm event: 4 inches

Available Containment Height: Height of wall – Freeboard for storm water = 2 inches

Available Capacity: (Total Area 14,625 in²) x 2 in = 29,250 in³ = 126 gallons

Displaced Capacity: negligible

Available Containment Volume: 126 gallons
The available containment volume (126 gallons) is greater than the required containment volume (110 gallons).
APPENDIX D

SPCC Monthly Inspection Form
UCI Monthly SPCC Inspection Form (Example*)

GENERAL FACILITY INSPECTIONS:
1. Security devices in place and operable?
2. Safety and emergency equipment in adequate supply, accessible locations, and good working condition?
3. Surface water free of oil sheen and waste presence?
4. Surface water free of odors?

TANKS, PIPING, AND CONTAINMENT STRUCTURES:
5. Locks on tanks and pumps?
6. Adequate supply of absorbent?
7. Containment of structures of adequate capacity and in good condition?
8. Tank auxiliary equipment (valves, piping, and pumps) free of deterioration and in good working condition?
9. Site free from evidence of leaks or spills?
10. Tank and piping free of corrosion and deterioration?
11. Tank foundation free of deterioration?

Monthly SPCC Inspection Log

Inspector’s Name:     Date:
Inspector’s Signature:

<table>
<thead>
<tr>
<th>Location</th>
<th>Deficiencies</th>
<th>Corrective Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARC (Portable Fuel Tank)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grounds (Oil Drums)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central Plant (Oil Drums)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central Plant (Portable Fuel Tank)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering Lab Facility (Tanks And Drums)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Campus Fleet Services Garage (Oil Tank And Drums)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Campus Facilities Fueling (Tanks)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EH&amp;S (Oil Drums)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Inspections are documented using an intranet form, which includes, but is not limited to, the required information in this example form.
## Appendix B: Table of Storage Tank

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>Aldrich Hall</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-14</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>917</td>
<td>Anteater Ballpark</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-139</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>917</td>
<td>Anteater Ballpark</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>653</td>
<td>Anteater Instruction and Research Building Parking Structure</td>
<td>275</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>653</td>
<td>Anteater Instruction and Research Building</td>
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<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-131</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td></td>
<td>Anteater Learning Pavilion</td>
<td>214</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-142</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td>680</td>
<td>Anteater Recreation Center</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td>680</td>
<td>Anteater Recreation Center</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>680</td>
<td>Anteater Recreation Center</td>
<td>109</td>
<td>Diesel</td>
<td>Portable Fuel Dispensing</td>
<td>Double-walled tank on trailer used to fill off road diesel equipment.</td>
<td>Inspect Monthly</td>
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<tr>
<td>680</td>
<td>Anteater Recreation Center</td>
<td>120</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td></td>
<td>MESA (C3) Anteater Resource Center</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-74</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1000</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1006</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1012</td>
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<td>Hydraulic Oil</td>
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<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1014</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1020</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1024</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1028</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1030</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
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<td>AV (C10)</td>
<td>Arroyo Vista Housing #1036</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
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<td>AV (C10)</td>
<td>Arroyo Vista Housing #1040</td>
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<td>Hydraulic Oil</td>
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<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1044</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
</tbody>
</table>
The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1050</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
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<td>AV (C10)</td>
<td>Arroyo Vista Housing #1054</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
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<td>AV (C10)</td>
<td>Arroyo Vista Housing #1058</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
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<td>AV (C10)</td>
<td>Arroyo Vista Housing #1064</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1068</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1076</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1080</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
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<td>During Routine Operational Maintenance</td>
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<td>AV (C10)</td>
<td>Arroyo Vista Housing #1082</td>
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<td>Hydraulic Oil</td>
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<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
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<td>AV (C10)</td>
<td>Arroyo Vista Housing #1086</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>AV (C10)</td>
<td>Arroyo Vista Housing #1090</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
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<td>AV (C10)</td>
<td>Arroyo Vista Housing #1094</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>727</td>
<td>Art, Culture &amp; Technology</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>714</td>
<td>Arts Instruction &amp; Technology Resource Center</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>722</td>
<td>Arts Studio</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>817</td>
<td>Beckman Laser Institute</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>817</td>
<td>Beckman Laser Institute</td>
<td>200</td>
<td>Diesel</td>
<td>Bulk Storage Tank</td>
<td>Standby Generator</td>
<td>Just north of the Beckman Laser Institute, one steel double-walled 200-gallon external diesel fuel tank is situated on a concrete pad inside a covered brick enclosure. The storage tank is rectangular in shape and is piped to an adjacent standby generator also inside the enclosure.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>817</td>
<td>Beckman Laser Institute</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-67</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>802</td>
<td>Berk Hall / Nursing Science</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>802</td>
<td>Berk Hall / Nursing Science</td>
<td>266</td>
<td>Transformer Oil</td>
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<td>Transformer</td>
<td>T-26</td>
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<tr>
<td>4</td>
<td>Berkeley Law Building</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-96</td>
<td>During Routine Operational Maintenance</td>
</tr>
</tbody>
</table>
### Appendix B: Table of Storage Tank

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>515</td>
<td>Bio. Sci 2 Admin. (Bison Modular)</td>
<td>266 Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-72</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td>519</td>
<td>Biological Science 3</td>
<td>220 Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td>519</td>
<td>Biological Science 3</td>
<td>110 Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>519</td>
<td>Biological Science 3</td>
<td>220 Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>519</td>
<td>Biological Science 3</td>
<td>1200 Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
<td></td>
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<tr>
<td>519</td>
<td>Biological Science 3</td>
<td>597 Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-73</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td>512</td>
<td>Bonney Research Laboratory</td>
<td>165 Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>512</td>
<td>Bonney Research Laboratory</td>
<td>200 Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
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<td>512</td>
<td>Bonney Research Laboratory</td>
<td>266 Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-71</td>
<td>During Routine Operational Maintenance</td>
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</tr>
<tr>
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<td>Bren Events Center</td>
<td>110 Hydraulic Oil</td>
<td>Storage Tank</td>
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<td>2 Stop</td>
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<td>Bren Events Center</td>
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<td>Integrated Tank / Double Walled</td>
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<td>Bren Events Center</td>
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<td>During Routine Operational Maintenance</td>
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<td>221</td>
<td>Business Unit 2</td>
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<td>Transformer</td>
<td>T-119</td>
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<td>325</td>
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<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td>325</td>
<td>Cal-IT2</td>
<td>275 Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>325</td>
<td>Cal-IT2</td>
<td>600 Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
<td></td>
</tr>
<tr>
<td>Parking Lot</td>
<td>Campus Surge Parking</td>
<td>400 Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled Behind building 653.</td>
<td>Inspect Monthly</td>
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<tr>
<td>CV (F4)</td>
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<td>T-70</td>
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<tr>
<td>CV (F4)</td>
<td>Campus Village</td>
<td>266 Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-69</td>
<td>During Routine Operational Maintenance</td>
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</tr>
<tr>
<td>CV (F4)</td>
<td>Campus Village Community Center</td>
<td>110 Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant</td>
<td>4 @ 10,000 Amber 356</td>
<td>UST</td>
<td>Fuel Storage</td>
<td>Regulated UST (California Tile 23)</td>
<td>Veeder-Root Monitoring System</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant</td>
<td>2 @ 55 Motor Oil</td>
<td>Portable Oil Storage</td>
<td>Steel drums placed inside containment shelter.</td>
<td>Inspect Monthly</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Appendix B: Table of Storage Tanks

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Electrical Substation</td>
<td>110</td>
<td>Diesel</td>
<td>Portable</td>
<td>Portable Fuel Dispensing</td>
<td>Single-walled tank on trailer used to fill standby generator fuel tanks. The unit is stored in concrete berm secondary containment area when not in use. A diagram displaying the berm dimensions and secondary containment calculations are provided in Appendix C.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>902</td>
<td>Central Plant</td>
<td>300</td>
<td>Diesel</td>
<td>Bulk Storage Tank</td>
<td>Standby Generator</td>
<td>One steel double-walled 200-gallon external diesel fuel tank is located within a locked chain-link cage on the southeast side of Central Plant. The tank is piped to an adjacent standby generator. All equipment is unprotected from rainfall. The storage tank is rectangular in shape and sits flat upon a concrete pad. A concrete berm is situated around the storage tank as secondary containment. A diagram displaying the berm dimensions and secondary containment calculations are provided in Appendix C.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>902</td>
<td>Central Plant</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-1-28</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-1-36</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant 1</td>
<td>280</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-1</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant 2</td>
<td>200</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-2</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant 3</td>
<td>160</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-3</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant Chiller #6 4160 VAC</td>
<td>280</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-1-36</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant Chiller #6 480 VAC control voltage</td>
<td>160</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-1-28</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant Chiller 1</td>
<td>196</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-86</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant Ther. Sto. Switchgear Rm.</td>
<td>390</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-1-14</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>Central Plant Thermal Storage Mezzanine</td>
<td>390</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-1-13</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>317</td>
<td>Civil Engineering Trailer</td>
<td>174</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-77</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>302</td>
<td>Computer Science</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>302</td>
<td>Computer Science</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
</tbody>
</table>
Appendix B: Table of Storage Tank

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>302</td>
<td>Computer Science</td>
<td>300</td>
<td>Diesel</td>
<td>Bulk Storage Tank</td>
<td>Standby Generation</td>
<td>One steel single-walled 300-gallon external diesel fuel tank is located to the south of the building. The outdoor tank is piped to a standby generator inside the adjacent building. The tank is unprotected from rainfall and is contained within a locked, chain-link fence. The storage tank is cylindrical in shape and sits on metal legs above a concrete pad. A concrete berm is situated around the storage tank and piping, which provides sufficient secondary containment. A diagram displaying the berm dimensions and secondary containment calculations are provided in Appendix C.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>302</td>
<td>Computer Science</td>
<td>285</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-18</td>
<td>T-18</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>302</td>
<td>Computer Science</td>
<td>280</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-19</td>
<td>T-19</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>710</td>
<td>Concert Hall Lower Level (Smith Hall)</td>
<td>240</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-8</td>
<td>T-8</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>903</td>
<td>Crawford Hall</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>903</td>
<td>Crawford Hall</td>
<td>20</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generation</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>903</td>
<td>Crawford Hall</td>
<td>198</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-4</td>
<td>T-4</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>903</td>
<td>Crawford Hall Stage</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>103</td>
<td>Cross Cultural Center</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>417</td>
<td>Croul Hall</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>417</td>
<td>Croul Hall</td>
<td>275</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>417</td>
<td>Croul Hall</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-34</td>
<td>T-34</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>715</td>
<td>Drama Building</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>3</td>
<td>Education Building</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>321</td>
<td>Engineering Gateway</td>
<td>200</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generation</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>321</td>
<td>Engineering Gateway</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>321</td>
<td>Engineering Gateway</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>321</td>
<td>Engineering Gateway</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>321</td>
<td>Engineering Gateway (Data Center)</td>
<td>685</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generation</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
</tbody>
</table>
### Appendix B: Table of Storage Tanks

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>308</td>
<td>Engineering Hall</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-132</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>323</td>
<td>Engineering Lab Facility</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>323</td>
<td>Engineering Lab Facility</td>
<td>2 @ 250</td>
<td>Jet A / Kerosene Gasoline / Diesel</td>
<td>Portable Fuel Storage</td>
<td></td>
<td>Double walled tanks, steel and poly drums placed inside room with concrete containment berm.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>323</td>
<td>Engineering Lab Facility</td>
<td>6 @ 55</td>
<td>Jet A / Kerosene Gasoline / Diesel</td>
<td>Portable Fuel Storage</td>
<td></td>
<td>Steel and poly drums placed in secondary containment storage building. Eagle, Model 1649: 66 gallon secondary containment capacity.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>323</td>
<td>Engineering Lab Facility</td>
<td>4 @ 55</td>
<td>Jet A / Kerosene Gasoline / Diesel</td>
<td>Portable Fuel Storage</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>323</td>
<td>Engineering Lab Facility</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-78</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>305</td>
<td>Engineering Lecture Hall</td>
<td>198</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-54</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>303</td>
<td>Engineering Tower</td>
<td>200</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>303</td>
<td>Engineering Tower</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-17</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>41</td>
<td>Environmental Health &amp; Safety</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>41</td>
<td>Environmental Health &amp; Safety</td>
<td>10 @ 30</td>
<td>Hazardous Waste</td>
<td>Portable</td>
<td>Oil Storage</td>
<td></td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>41</td>
<td>Environmental Health &amp; Safety</td>
<td>700</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>41</td>
<td>Environmental Health &amp; Safety</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-111</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>91</td>
<td>Facilities Fueling</td>
<td>5,000 / 5,000</td>
<td>Diesel B20 / Bio diesel B99</td>
<td>Bulk Storage Tank</td>
<td>Fuel Dispensing Station</td>
<td>One steel double-walled, dual compartment 10,000 gallon aboveground storage tank (AST) with 6-inch insulation is used to store 5,000 gallons of bio-diesel B99 and 5,000 gallons of diesel B20. The AST is located within a bermed area that is approximately 40 feet by 60 feet with a berm minimum height of 3 inches at the vehicle bump. These dimensions confirm that secondary containment capacity of the bermed area is sufficient for a tank truck with no more than 4,200 gallons of liquid in its largest storage compartment. The bermed area slopes from all sides towards the center where a drain leads to a below ground interceptor. Additionally, an administrative measure is implemented to prohibit AST loading during storm events. Installed in 2006.</td>
<td>Inspect Monthly</td>
</tr>
</tbody>
</table>
The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>91</td>
<td>Facilities Fueling</td>
<td>7,000 / 3,000</td>
<td>Gasoline / Diesel</td>
<td>Bulk Storage Tank</td>
<td>Fuel Dispensing Station</td>
<td>One steel double-walled dual compartment 10,000 gallon aboveground storage tank (AST) with 6-inch insulation is used to store 3,000 gallons of diesel and 7,000 gallons of gasoline. The AST is located within a bermed area that is approximately 40 feet by 60 feet with a berm minimum height of 3 inches at the vehicle bump. These dimensions confirm that secondary containment capacity of the bermed area is sufficient for a tank truck with no more than 4,200 gallons of liquid in its largest storage compartment. The bermed area slopes from all sides towards the center where a drain leads to a below ground interceptor. Additionally, an administrative measure is implemented to prohibit AST loading during storm events. Installed in 1996.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>713</td>
<td>Fine Arts 1 Custom Shop</td>
<td>340</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-5</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>714</td>
<td>Fine Arts Admin, Above Mens Rest Room. (AIRT)</td>
<td>180</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-6</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>711</td>
<td>Fine Arts Mesa Ext. Bldg.</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-133</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>726</td>
<td>Fine Arts Music Media</td>
<td>160</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-115</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>725</td>
<td>Fine Arts Studio 4</td>
<td>198</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-88</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>97</td>
<td>Fleet Services</td>
<td>2 @ 55</td>
<td>Automatic Transmission Fluid</td>
<td>Portable Oil Storage</td>
<td>Steel drums placed inside containment shelter.</td>
<td>Inspect Monthly</td>
<td></td>
</tr>
<tr>
<td>97</td>
<td>Fleet Services</td>
<td>120</td>
<td>Motor Oil / Used Motor Oil</td>
<td>Storage Tank Oil Storage</td>
<td>One steel double-walled 120 gallon storage tank is used to store new motor oil.</td>
<td>Inspect Monthly</td>
<td></td>
</tr>
<tr>
<td>97</td>
<td>FM Portable Generator</td>
<td>69</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator Double-walled tank on trailer.</td>
<td>Inspect Monthly</td>
<td></td>
</tr>
<tr>
<td>101</td>
<td>Gateway Commons</td>
<td>190</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-13</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>101</td>
<td>Gateway Study Ctr</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator 3 Stop</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>850</td>
<td>Gavin Eye Institute</td>
<td>850</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
<td></td>
</tr>
<tr>
<td>850</td>
<td>Gavin Eye Institute</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-80</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>837</td>
<td>Gillespie Neurosciences</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator 4 Stop</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>837</td>
<td>Gillespie Neurosciences</td>
<td>275</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator 5 Stop</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
<tr>
<td>837</td>
<td>Gillespie Neurosciences</td>
<td>300</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
<td></td>
</tr>
<tr>
<td>837</td>
<td>Gillespie Neurosciences</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-61</td>
<td>During Routine Operational Maintenance</td>
<td></td>
</tr>
</tbody>
</table>
## Appendix B: Table of Storage Tank

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>820</td>
<td>Gottschalk Medical Plaza</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Maintenance</td>
</tr>
<tr>
<td>845</td>
<td>Gross Hall</td>
<td>1200</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>845</td>
<td>Gross Hall</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td></td>
<td>T-137</td>
<td>During Routine Operational</td>
</tr>
<tr>
<td>514</td>
<td>Head House Green House</td>
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<tr>
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<td>Storage Tank</td>
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<td>4 Stop</td>
<td>During Routine Operational</td>
</tr>
<tr>
<td>843</td>
<td>Hewitt Hall</td>
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<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
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</tr>
<tr>
<td>843</td>
<td>Hewitt Hall</td>
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<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
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<td>Hitachi</td>
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<tr>
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<td>Humanities Gateway</td>
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<tr>
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</tr>
<tr>
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<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational</td>
</tr>
<tr>
<td>610</td>
<td>Humanities Instructional Building</td>
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<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
<td>During Routine Operational</td>
</tr>
<tr>
<td>610</td>
<td>Humanities Instructional Building</td>
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<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
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<td>Elevator</td>
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</tr>
<tr>
<td>304</td>
<td>Information and Computer Science 2</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational</td>
</tr>
<tr>
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<td>Transformer</td>
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</tr>
<tr>
<td>319</td>
<td>Interim Classroom Trailer-Interfaith, Social Sciences</td>
<td>140</td>
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<td>Transformer</td>
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<td>835</td>
<td>Irvine Hall</td>
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</tr>
<tr>
<td>835</td>
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<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
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<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
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## Appendix B: Table of Storage Tanks

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
<td>Krieger Hall</td>
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<td>Transformer</td>
<td>Transformer</td>
<td>T-9</td>
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</tr>
<tr>
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<td>Krieger Hall</td>
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<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>102</td>
<td>Langson Library</td>
<td>275</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>102</td>
<td>Langson Library</td>
<td>120</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>One steel single-walled 120-gallon external diesel fuel tank is located in the building basement. The tank is piped to an adjacent standby generator. All equipment is contained indoors. The storage tank is rectangular in shape and sits flat upon a concrete pad. A concrete berm is situated around the storage tank and piping to provide secondary containment. A diagram displaying the berm dimensions and secondary containment calculations are provided in Appendix C.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>102</td>
<td>Langson Library</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-11</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>102</td>
<td>Langson Library</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-12</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>4</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>4</td>
<td>Law Building</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>4</td>
<td>Law Building</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>4</td>
<td>Law Building</td>
<td>560</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>ME (E7)</td>
<td>Middle Earth</td>
<td>87</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>503</td>
<td>McGaugh Hall</td>
<td>500</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>One steel single-walled 500-gallon external diesel fuel tank is located inside the basement. The tank is piped to an adjacent standby generator. The storage tank is rectangular in shape and sits on concrete legs above a concrete pad. A concrete berm and concrete walls are situated around the storage tank as secondary containment.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>MESA (C3)</td>
<td>MCH- Cascada #4061</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>MESA (C3)</td>
<td>MCH- Community Ctr #4057</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>MESA (C3)</td>
<td>MCH- Lluvia #4047</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>MESA (C3)</td>
<td>MCH- Middle Plaza</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>MESA (C3)</td>
<td>MCH- Niebla #4059</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
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</table>
### Appendix B: Table of Storage Tank

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
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<td>MESA (C3)</td>
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<td>Elevator</td>
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<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
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<tr>
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<td>Transformer</td>
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<td>T-65</td>
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<td>Integrated Tank / Double Walled</td>
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<td>Storage Tank</td>
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<td>Transformer</td>
<td>Transformer</td>
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<td>Elevator</td>
<td>2 Stop</td>
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</tr>
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<td>MEH- Evenstar</td>
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<td>Elevator</td>
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<td>During Routine Operational Maintenance</td>
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<td>MEH- Quenya #509</td>
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<td>Elevator</td>
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<td>4 Stop</td>
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<tr>
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<td>Merage School of Business</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-108</td>
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<td>58</td>
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<td>Storage Tank</td>
<td>Elevator</td>
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<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
</tbody>
</table>
### Appendix B: Table of Storage Tank

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
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<td>MESA (C3)</td>
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<td>Elevator</td>
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<tr>
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<td>Storage Tank</td>
<td>Elevator</td>
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<tr>
<td>ME (E7)</td>
<td>Middle Earth Hobbiton</td>
<td>190</td>
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<td>Transformer</td>
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<td>T-82</td>
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</tr>
<tr>
<td>2</td>
<td>MPAAB</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>2</td>
<td>MPAAB</td>
<td>600</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>MPAAB</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
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</tr>
<tr>
<td>415</td>
<td>Multi-Purpose Science &amp; Technology</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>415</td>
<td>Multi-Purpose Science &amp; Technology</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-117</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>726</td>
<td>Music &amp; Media Building</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
</tbody>
</table>
### Appendix B: Table of Storage Tank

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>517</td>
<td>Natural Science 1</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>517</td>
<td>Natural Science 1</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>517</td>
<td>Natural Science 1</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-126</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>402</td>
<td>Natural Science 2</td>
<td>275</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>402</td>
<td>Natural Science 2</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>402</td>
<td>Natural Science 2</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-127</td>
<td>During Routine Operational Maintenance</td>
</tr>
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<td>517</td>
<td>Natural Sciences 1</td>
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<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
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<td>402</td>
<td>Natural Sciences 2</td>
<td>1200</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>721</td>
<td>New Media Arts Center</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>721</td>
<td>New Media Arts Center</td>
<td>70</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>233</td>
<td>Newkirk Alumni House</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-66</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>CV (F4)</td>
<td>North Area Parking Lot - Campus Village</td>
<td>140</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-68</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td>PV (E8)</td>
<td>Palo Verde Housing -Com Ctr # 7000</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>413</td>
<td>Physical Science Classroom</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>411</td>
<td>Physical Science Lecture Hall</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>829</td>
<td>Plumwood House</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>829</td>
<td>Plumwood House</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>7</td>
<td>Public Service</td>
<td>350</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>7</td>
<td>Public Service</td>
<td>190</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-98</td>
<td>During Routine Operational Maintenance</td>
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<tr>
<td>7</td>
<td>Public Services</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>401</td>
<td>Reines Hall</td>
<td>150</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td></td>
<td>Inspect Monthly</td>
</tr>
</tbody>
</table>

One steel double-walled 150-gallon external diesel fuel tank is located within a locked fenced area east of the building. The tank is piped to an adjacent standby generator. The storage tank is rectangular in shape and sits flat upon a concrete pad. A concrete berm is situated around the storage tank, generator, and piping to provide secondary containment.
## Appendix B: Table of Storage Tanks

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>311</td>
<td>Rockwell Engineering</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>311</td>
<td>Rockwell Engineering</td>
<td>190</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>400</td>
<td>Rowland Hall</td>
<td>240</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>One steel single-walled 240-gallon external diesel fuel tank is located within a locked covered brick enclosure to the west of the building at the loading dock. The tank is piped underground to a standby generator inside of the building. A bunker constructed of brick surrounds the tank with a locked metal cover. The interior of the brick walls are coated with a watertight sealant and the tank sits upon a concrete floor. Since the bunker completely surrounds the tank, the bunker itself provides secondary containment. The secondary containment calculations are provided in Appendix C.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>400</td>
<td>Rowland Hall</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>400</td>
<td>Rowland Hall</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>400</td>
<td>Rowland Hall</td>
<td>297</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>501</td>
<td>Schneideman Lecture Hall</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>520</td>
<td>Science Library</td>
<td>240</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>One steel double-walled 240-gallon external diesel fuel tank is located inside of the southwest end of the building. The storage tank is rectangular in shape and sits flat upon a concrete floor and is piped to an adjacent standby generator also inside the building.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>720</td>
<td>Sculpt. Studio Lower Level</td>
<td>180</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>720</td>
<td>Sculpture &amp; Ceramic Studio</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>214</td>
<td>Social &amp; Behavioral Sciences Gateway</td>
<td>300</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>210</td>
<td>Social Ecology 1</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>Just west of the Social Ecology 1, one steel double-walled 240-gallon external diesel fuel tank is situated on a concrete pad inside a covered brick enclosure. The storage tank is rectangular in shape and is piped to an adjacent standby generator also inside the enclosure.</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>210</td>
<td>Social Ecology 1</td>
<td>240</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td></td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>210</td>
<td>Social Ecology 1</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>211</td>
<td>Social Science 2 Pod A</td>
<td>390</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
</tbody>
</table>
## Appendix B: Table of Storage Tank

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>202</td>
<td>Social Science Lab</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>One steel single-walled 240-gallon external diesel fuel tank is located within a locked covered brick enclosure to the south of the building at the loading dock. The tank is piped to an adjacent standby generator. A bunker constructed of brick surrounds the tank with a locked metal cover. The interior of the brick walls are coated with a watertight sealant and the tank sits upon a concrete floor. Since the bunker completely surrounds the tank, the bunker itself provides secondary containment. The secondary containment calculations are provided in Appendix C.</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>202</td>
<td>Social Science Lab</td>
<td>240</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td></td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>202</td>
<td>Social Science Lab</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-16</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>SSPS</td>
<td>Social Science Parking Structure</td>
<td>385</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>7 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>SSPS</td>
<td>Social Science Parking Structure</td>
<td>385</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>7 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>211</td>
<td>Social Science Plaza A</td>
<td>200</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>211</td>
<td>Social Science Plaza A</td>
<td>330</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>6 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>213</td>
<td>Social Science Plaza B</td>
<td>330</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>6 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>215</td>
<td>Social Science Plaza C</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>201</td>
<td>Social Science Tower</td>
<td>153</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-15</td>
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</tr>
<tr>
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<td>Sprague Hall</td>
<td>660</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>839</td>
<td>Sprague Hall</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-87</td>
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</tr>
<tr>
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<td>Sprague Hall</td>
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<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>839</td>
<td>Sprague Hall</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>5 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>502</td>
<td>Steinhauer Hall</td>
<td>240</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>502</td>
<td>Steinhauer Hall</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-20</td>
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</tr>
<tr>
<td>502</td>
<td>Steinhauer Hall</td>
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<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-21</td>
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<tr>
<td>113</td>
<td>Student Center</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>113</td>
<td>Student Center</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
</tbody>
</table>
The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>113</td>
<td>Student Center</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>113</td>
<td>Student Center</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>113</td>
<td>Student Center</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>113</td>
<td>Student Center Parking</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>113</td>
<td>Student Center Parking</td>
<td>220</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>4 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>113</td>
<td>Student Center Parking</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-107</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>6</td>
<td>Student Health</td>
<td>191</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-29</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>5</td>
<td>Student Health Services 2</td>
<td>120</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>T-97</td>
<td>During Routine Operational Maintenance</td>
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<tr>
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<td>Student Services 1</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>105</td>
<td>Student Services 2</td>
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<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-40</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
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<td>Student Services 2</td>
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<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>523</td>
<td>Studio Arts</td>
<td>597</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>T-129</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>40</td>
<td>Sub-Station</td>
<td>3357</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>66-1</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>40</td>
<td>Sub-Station</td>
<td>4313</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer</td>
<td>66-2</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>831</td>
<td>Tamkin Student Lecture Building F</td>
<td>110</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>711</td>
<td>Trevor Theater</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>711</td>
<td>Trevor Theater</td>
<td>165</td>
<td>Hydraulic Oil</td>
<td>Storage Tank</td>
<td>Elevator</td>
<td>3 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>711</td>
<td>Trevor Theatre</td>
<td>60</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>T-29</td>
<td>During Routine Operational Maintenance</td>
</tr>
</tbody>
</table>

Aluminum double-walled 353 gallon storage tank located in the shipping dock area of the Student Center. Used cooking oil is manually transferred into tank.

Inspect Monthly
Appendix B: Table of Storage Tank

The location of all tanks and equipment correspond to the building number on the campus map.

<table>
<thead>
<tr>
<th>Campus Map Bldg #</th>
<th>Location</th>
<th>Capacity (gallons)</th>
<th>Contents</th>
<th>Tank Type</th>
<th>Equipment Type</th>
<th>Comments</th>
<th>Inspection Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>UCI Bus Charging Lot</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-141</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>8</td>
<td>UNEX</td>
<td>116</td>
<td>Diesel</td>
<td>Storage Tank</td>
<td>Standby Generator</td>
<td>Integrated Tank / Double Walled</td>
<td>Inspect Monthly</td>
</tr>
<tr>
<td>8</td>
<td>UNEX Continuing Education Building</td>
<td>266</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-140</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>231</td>
<td>University Extension A</td>
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<td>Storage Tank</td>
<td>Elevator</td>
<td>2 Stop</td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>D8</td>
<td>Verano Housing</td>
<td>198</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-38</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
<tr>
<td>VH (D8)</td>
<td>Verano Housing</td>
<td>174</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-100</td>
<td></td>
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</tr>
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<td>Transformer</td>
<td>Transformer T-103</td>
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</tr>
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<td>Transformer</td>
<td>Transformer T-106</td>
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<td>Transformer</td>
<td>Transformer T-85</td>
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<td>Transformer</td>
<td>Transformer T-94</td>
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<td>Transformer</td>
<td>Transformer T-95</td>
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</tr>
<tr>
<td>VH (D8)</td>
<td>Verano Housing</td>
<td>174</td>
<td>Transformer Oil</td>
<td>Transformer</td>
<td>Transformer T-99</td>
<td></td>
<td>During Routine Operational Maintenance</td>
</tr>
</tbody>
</table>