

OIL SPILL PREVENTION, CONTROL, & COUNTERMEASURE (SPCC) PLAN

April 2024
(V.2022.A1)



PREPARED FOR



THE UNIVERSITY OF
NEW MEXICO®

ALBUQUERQUE CAMPUS

MSC 07 4100
1 UNIVERSITY OF NEW MEXICO
ALBUQUERQUE, NM 87131-0001

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LIST OF ACRONYMS AND ABBREVIATIONS

ABCWUA	Albuquerque Bernalillo County Water Utility Authority
AMAFCA	Albuquerque Metropolitan Arroyo Flood Control Authority
AST	Aboveground storage tank
CFR	Code of Federal Regulations
CRDM	Continuous Release Detection Method
EPA	U.S. Environmental Protection Agency
EHS	UNM Department of Environmental Health and Safety
HAZWOPER	Hazardous Waste Operations and Emergency Response
NMED	New Mexico Environment Department
NRC	National Response Center
OFOE	Oil-Filled Operational Equipment
OHS	Office of Health and Safety
P.E.	Professional Engineer
PSTB	Petroleum Storage Tank Bureau
SPCC	Spill Prevention, Control, and Countermeasure
STI	Steel Tank Institute
UNM	The University of New Mexico
UST	Underground storage tank

1. CERTIFICATIONS

1.1 PROFESSIONAL ENGINEER CERTIFICATION

Regulatory Requirement: A licensed Professional Engineer must review and certify a Spill Prevention, Control, and Countermeasure (SPCC) Plan for it to be effective to satisfy the requirements of Title 40, Code of Federal Regulations (CFR), Part 112.3. [40 CFR 112.3(d)]

Using this certification, the Professional Engineer (P.E.) attests:

- (i) That they are familiar with the requirements of the "United States Environmental Protection Agency (EPA) Regulations on Oil Pollution Prevention" (40 CFR 112.7), including amendments;
- (ii) That they or their agent has visited and examined the facility;
- (iii) That the SPCC Plan has been prepared in accordance with good engineering practice, including consideration of applicable industry standards, and with the requirements of this part;
- (iv) That procedures for required inspections and testing have been established; and
- (v) That the SPCC Plan is adequate for the facility.

This Certification is only valid in conjunction with the associated certifications regarding the truth, accuracy, and completeness of the information provided and the organizational commitment to provide the necessary resources to implement the practices and procedures described, made herein by The University of New Mexico.

This Certification is no longer valid when there is a change in facility design, construction, operation, or maintenance that materially affects its potential for discharge of oil; or when regulations imposing SPCC Plan requirements change; or when technical (non-administrative) amendments are made to this Plan before or during the mandatory 5-year review and evaluation period for the Plan.

A site review was conducted at this facility, and if anything was found to need attention, these items are identified in Section 4 of this SPCC Plan. The following certification is made only under the terms that the management of this facility will correct any action items following the implementation schedule provided in Section 4.

Jay Timothy Snyder
Certifying Professional Engineer (P.E.)

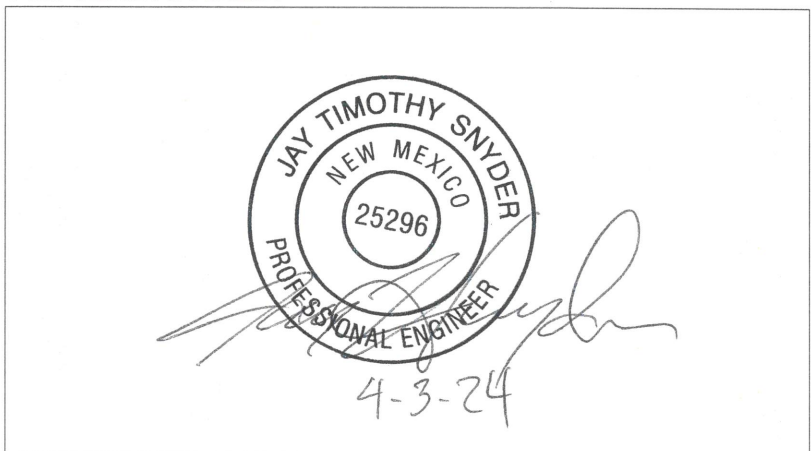
[Signature]
Signature

4-3-2024
Date

25296
P.E. Registration Number

New Mexico
State of Registration for P.E.

P.E. SEAL AFFIXED:



1.2 MANAGEMENT APPROVAL CERTIFICATION

Regulatory Requirement: *The owner or operator of a facility subject to 40 CFR 112 must have full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC Plan. [40 CFR 112.7]*

Personnel under my supervision have reviewed this SPCC Plan per 40 CFR 112.7. I have the authority to commit the necessary resources to fully implement this SPCC Plan and any action items identified in this SPCC Plan.

Teresa Costantinidis
Approved By

Executive Vice President for Finance and Administration
Title



Signature

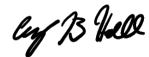
Apr 3, 2024

Date

The undersigned individual acknowledges receipt of this SPCC Plan, is familiar with it, and will maintain a copy on-site for regulators to review upon request.

Casey B. Hall
Approved By

Director, Environmental Health & Safety
Title



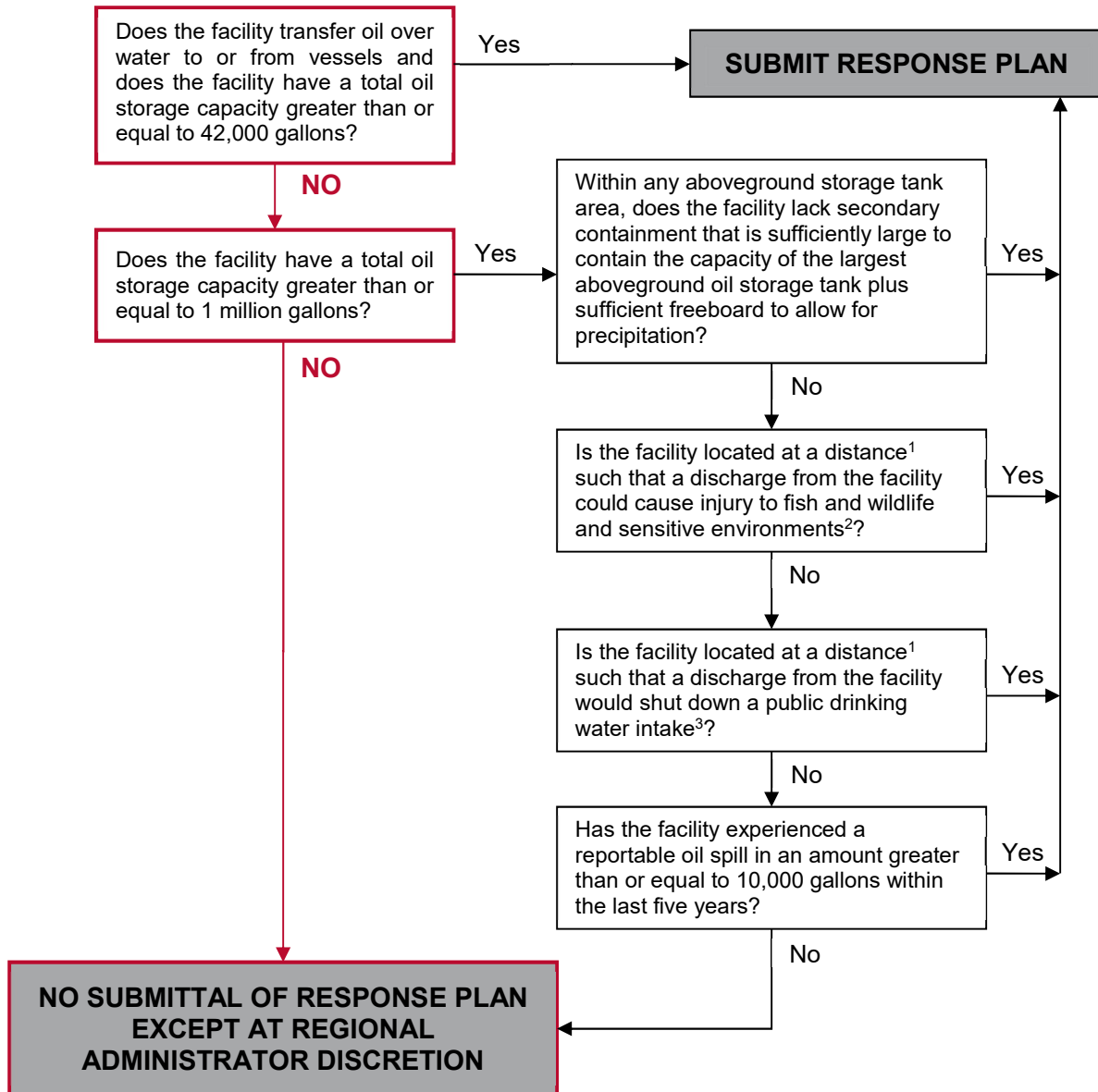
Signature

Apr 3, 2024

Date

1.3 APPLICABILITY OF SUBSTANTIAL HARM CRITERIA

Regulatory Requirement: *If the owner or operator of a facility determines that the facility will not be expected to cause substantial harm as defined by the criteria listed under Appendix C to 40 CFR 112 (decision criteria depicted below in the flowchart), the owner or operator shall complete and maintain at the facility the certification form of the applicability of the substantial harm criteria, found in Section 1.4 of this SPCC Plan. [40 CFR 112.20(e)]*



¹ Distance is calculated using the appropriate formula described in Attachment C-III to Appendix C of 40 CFR 112 or using a comparable formula. If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to certification form.

² For further description of fish and wildlife and sensitive environments, see Appendices I, II, and III to DOC/NOAA's *Guidance for Facility and Vessel Response Plans: Fish and Wildlife and Sensitive Environments* (59 FR 14713, 29 March 1994), and the applicable Area Contingency Plan.

³ Public drinking water intakes are analogous to public water systems as defined under 40 CFR 143.2(c).

1.4 APPLICABILITY OF SUBSTANTIAL HARM CRITERIA CERTIFICATION

Facility Name:	The University of New Mexico – Albuquerque Campus
Facility Address:	1801 Tucker Ave. NE (Bldg. 233) Albuquerque, NM 87131
Number of Oil Storage Tanks in SPCC:	47 ASTs, 2 split-tank ASTs (i.e., 4 tanks), 9 portable ASTs, 21 drums, 284 OFOE, & 7 USTs for a total of 372 tanks.
Total Oil Storage Capacity (Aboveground, Underground, & Drums):	37,521 gallons
Total Oil Storage Capacity (Oil-Filled Operational Equipment [OFOE]):	53,254 - 86,589 gallons
Largest Oil Storage Tank Capacity:	6,300 gallons (OFOE; transformer; A0167 - Central Campus Substation)

1. Does the facility transfer oil over water to or from vessels and have a total oil storage capacity greater than or equal to 42,000 gallons?
Yes _____ No X
2. Does the facility have a total storage capacity greater than or equal to 1 million gallons, and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?
Yes _____ No X
3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons, and is the facility located at a distance (as calculated using the appropriate formula in 40 CFR 112, Appendix C, Attachment C-III, or comparable formula) such that a discharge from the facility would cause injury to fish and wildlife and sensitive environments?
Yes _____ No X
4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons, and is the facility located at a distance (as calculated using the appropriate formula in 40 CFR 112, Appendix C, Attachment C-III, or comparable formula) such that a discharge from the facility would shut down a public drinking water intake?
Yes _____ No X
5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons, and has the facility experienced a reportable oil discharge in an amount greater than or equal to 10,000 gallons within the last five years?
Yes _____ No X

1.3.1 Certification

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

Casey B. Hall
Name

Director, Environmental Health & Safety
Title


Signature

Apr 3, 2024
Date

2. AMENDMENTS TO SPCC PLAN

2.1 RECORD OF SPCC REVIEWS AND AMENDMENTS

SPCC Plan amendments are recorded by EHS in the below table. A full review of the SPCC Plan must be performed at least once every five years. The next full review is due by September 2027. This log must be updated even if no amendment is made to the SPCC Plan as a result of the review.

Version # & Amendment #	Effective Date	Revision Description ¹	Completed By
V.2017	Sept. 2017	Original SPCC Plan development.	Daniel B. Stephens & Associates, Inc. (DBS&A) 505-822-9400 www.dbstephens.com 6020 Academy NE, Suite 100 Albuquerque, New Mexico 87109
V.2022	Sept. 2022	Five-year review and evaluation completed per 40 CFR 112.5(b). Updates include the addition or amendment of the contact table, compliance action items, revised format, AST information, description of potential discharges, OFOE, and spill contingency plan.	EA Engineering, Science, and Technology, PBC 505-224-9013 www.eaest.com 320 Gold Ave. SW Suite 1300 Albuquerque, New Mexico 87102
V.2022.A1	June 2023	Amendment completed per 40 CFR 112.5(a). For details, see APPENDIX K: DETAILED AMENDMENTS FOR V.2022.A1.	Kolt H. Vaughn, <i>EHS Specialist</i>

¹ Briefly describe reasons for the SPCC Plan amendment. The SPCC Plan must be amended when there is a change in facility design, construction, operation, or maintenance that materially affects the facility's potential for oil discharge; otherwise, a complete review and evaluation of the SPCC Plan shall occur every five years. Any administrative changes, such as updates to emergency contacts, phone numbers, regulatory changes, or facility policies, shall be incorporated into the SPCC Plan as necessary.

2.2 AMENDMENTS BY EPA REGIONAL ADMINISTRATOR

Regulatory Requirement: *EPA may require the facility to amend the SPCC Plan if it finds that the SPCC Plan does not satisfy the requirements of 40 CFR 112, or if amendment is necessary to prevent and contain discharges from the facility. A spill event to navigable waters may subject the facility to additional reporting requirements of 40 CFR 112.4. [40 CFR 112.4(d)]*

EHS will amend this SPCC Plan if:

- The facility discharges a harmful quantity² of more than 1,000 gallons of oil in a single discharge, or more than forty-two gallons of oil in each of two discharge events within a twelve-month period; or
- The EPA Region VI Administrator determines that the information contained herein does not meet the requirements of 40 CFR 112.

2.3 AMENDMENTS BY OWNER/OPERATOR

Regulatory Requirement: *The SPCC Plan shall be amended within six months of whenever there may be a change in the facility design, construction, operation, or maintenance that materially affects the facility's potential for discharge. The amendment must be implemented as soon as possible and not later than six months following preparation of the amendment. [40 CFR 112.5(a)]*

Complete review and evaluation of the SPCC Plan must occur at least once every five years. The SPCC Plan shall be amended within six months of the review to include more effective prevention and control technology if such technology has been field-proven at the time of review and will significantly reduce the likelihood of discharge from the facility. The amendment must be implemented as soon as possible and not later than six months following preparation of the amendment. Review and evaluation of the SPCC Plan must be documented, including a signed statement as to whether or not the SPCC Plan will be amended. This documentation can be found in Section 2 of this Plan. [40 CFR 112.5(b)]

A Professional Engineer must certify any technical amendments to the SPCC Plan in accordance with 40 CFR 112.3(d). [40 CFR 112.5(c)]

This SPCC Plan will be amended, as specified in 40 CFR 112.5, and reviews or updates will be documented in Section 2.1. Amendments may be required if a change in the facility's design, construction, operation, or maintenance materially affects the facility's potential for discharge to the environment.

Potential changes to the SPCC Plan may include:

- Commissioning or decommissioning of containers;
- Replacement, reconstruction, or movement of containers;
- Reconstruction, replacement, or installation of piping systems;
- Construction or demolition that might alter secondary containment structures;
- Changes in product or service; or
- Revision of standard operation and maintenance procedures at the facility.

Additionally, the owner or operator may amend the SPCC Plan with technical changes that may include changes to specific security measures and/or to prevention and control technologies. Technical amendments made to the SPCC Plan must be certified by a P.E.

This SPCC Plan for UNM's Albuquerque campuses will be reviewed and evaluated at least once every five years and will be amended within six months of the review to include any changes. Any such amendments will also be implemented within six months following the amendment. The SPCC Plan will also be reviewed and amended within six months of any changes in the facility design, construction, operation, or maintenance that materially affects its potential for discharge.

² A harmful quantity is defined by 40 CFR 110 as a quantity that either: (1) exceeds applicable water quality standards, or (2) causes a film or sheen upon or discoloration of the surface of the water or adjoining shorelines or causes a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines.

The current individual responsible for reviewing any potential changes to this SPCC Plan is UNM's Director of Environmental Health & Safety, Casey B. Hall. Each review and evaluation will be documented by Mr. Hall or his designee.

3. AVAILABILITY OF SPCC PLAN

Regulatory Requirement: *The owner or operator of a facility for which a SPCC Plan is required under 40 CFR 112 must maintain a complete copy of the SPCC Plan at the facility and the SPCC Plan shall be made available for on-site review upon request during normal working hours. [40 CFR 112.3(e)]*

SPCC Plans for facilities are prepared and implemented as required by the EPA regulation contained in 40 CFR 112. A non-transportation-related onshore facility³ such as The University of New Mexico's (UNM's) Albuquerque Campus could reasonably be expected to discharge⁴ oil into or upon the navigable waters of the United States due to the facility's location and is thus subject to 40 CFR 112 when one of the following conditions are met by the facility:

- The underground storage capacity⁵ at the facility exceeds 42,000 gallons.
- The total aboveground storage capacity of the facility exceeds 1,320 gallons.

The facility's SPCC Plan is not required to be filed with EPA, but a copy of this SPCC Plan must be available to regulatory agency personnel upon request. UNM will make every effort to work in cooperation with state and federal agencies as part of UNM's continued commitment to implementing safeguards to protect the environment; thus, copies of this SPCC Plan will be maintained at each of the following locations and be available for on-site review during facility operational hours:

<https://ehs.unm.edu/ehs-standards-and-guidelines.html>

The University of New Mexico (UNM)
Environmental Health & Safety (EHS)
1801 Tucker Ave. NE (Bldg. 233)
Albuquerque, NM 87131

4. REGULATORY COMPLIANCE & ACTION ITEMS

Regulatory Requirement: *If the SPCC Plan calls for additional facilities or procedures, methods, or equipment not yet fully operational, these items must be discussed in separate paragraphs and must include the details of installation and operational start-up. [40 CFR 112.7]*

At the time of preparation of this SPCC Plan, UNM followed the requirements of 40 CFR 112, except for the following action items listed below in Table 4-1.

³ A non-transportation-related onshore facility is defined as a facility that is in, on, or under land and its operations do not include the transportation of oil outside of the facility (Appendix A to 40 CFR 112.2).

⁴ "Discharge" is interchangeably used throughout this SPCC Plan and may refer to a spill, leak, or release.

⁵ The completely buried storage capacity of a facility excludes the capacity of a completely buried tank (as defined in 40 CFR 112.2), connected underground piping, underground ancillary equipment, and containment systems, that is subject to requirements of 40 CFR 280 or to the requirements of a state program approved under 40 CFR 281.

TABLE 4-1. Action items implementation schedule.

Item	Compliance Action	Regulation	Completion Timeframe
N/A	<p><i>Deficiency: None.</i></p> <p><i>Action Item: None.</i></p>	N/A	N/A

Periodic inspections, tests, and evaluations will be conducted to identify any future non-compliance issues if they arise so that they may be promptly addressed and the SPCC Plan may be appropriately amended, if necessary.

5. FACILITY DESCRIPTION AND DISCHARGE PREVENTION

Regulatory Requirement: *The SPCC Plan must describe the physical layout of the facility and include a facility diagram that marks the location and contents of each fixed oil storage container and the storage areas where mobile or portable containers are located. If applicable, the facility diagram must include completely buried tanks that are otherwise exempted from the requirements under 40 CFR 112.1(d)(4). The type and volume of oil in each container that is stored at the facility must be described in the SPCC Plan. Additionally, discharge prevention measures, secondary containment, discharge countermeasures, disposal methods, and emergency contacts must also be addressed in the SPCC Plan. [40 CFR 112.7(a)(3)]*

5.1 FACILITY INFORMATION

TABLE 5-1. Facility Information.

Facility Name and Address:	The University of New Mexico 1 University of New Mexico Albuquerque, NM 87131-0001
Facility Description:	University and academic institution
Facility Owner/Operator:	The University of New Mexico 1 University of New Mexico Albuquerque, NM 87131-0001
Facility Tenants ⁶ :	None
Total Oil Storage Capacity (Aboveground, Underground, & Drums):	37,521 gallons
Total Oil Storage Capacity (Oil-Filled Operational Equipment [OFOE]):	53,254 - 86,589 gallons
Absolute Total Oil Storage Capacity ⁷ :	90,775 – 124,110 gallons

⁶ Refers to organizational tenants that lease property from UNM.

⁷ The capacities only include tanks that are greater than fifty-five gallons in capacity and included in this SPCC Plan.

5.2 FACILITY DESCRIPTION

UNM is a state-chartered research university located in central Albuquerque, New Mexico. The Albuquerque Campus is situated on six hundred acres and is split into three campuses – Main (i.e., Central), North, and South. UNM's Central Campus is bounded by Lomas Boulevard to the north, Girard Boulevard to the east, Central Avenue to the south, and University Boulevard to the west. North Campus, which includes the medical and law schools, as well as UNM Hospital, is located on the north side of Lomas Boulevard across from Central Campus. South Campus is located one (1) mile south of Central Campus, centered around the intersection of University Boulevard and Avenida César Chavez, and includes most of UNM's athletic facilities. A site location map and a detailed map of the campus are provided in

APPENDIX J: MAPS OF CAMPUS, DRAINAGE, TANK LOCATIONS, & SPILL KITS.

UNM's campus contains numerous buildings, sporting facilities, and large areas of concrete and asphalt. Topographically the facility is relatively flat, sloping to the west. The facility is transected primarily by a municipal separate storm sewer system (MS4), which drains to the north and west toward the Rio Grande. The UNM MS4 drains stormwater to the City of Albuquerque and to the Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA) MS4s, all eventually drain to the Rio Grande. UNM's stormwater drainage system and associated MS4s and arroyos located on the three campuses are shown in

APPENDIX J: MAPS OF CAMPUS, DRAINAGE, TANK LOCATIONS, & SPILL KITS.

Due to opportunities for the potential of spills and releases from UNM's oil storage tanks, equipment, valves, and/or piping, as well as releases from UNM's hydraulic elevators and transformers, the intent of this SPCC Plan is to address both spill prevention and spill response actions that will be implemented in the occurrence of such spills and releases during typical storage and/or loading/unloading activities with regards to tanks, hydraulic elevators, transformers, and their associated appurtenances.

5.3 FACILITY OIL STORAGE

Regulatory Requirement: *The SPCC Plan must describe the type of oil in each container and its storage capacity. For mobile or portable storage containers, either provide the type of oil and storage capacity for each container or provide an*

estimate of the potential number of mobile or portable storage containers, the types of oil, and anticipated storage capacities. [40 CFR 112.7(a)(3)(i)]

Only oil storage containers with capacities of fifty-five gallons or more are considered in this SPCC Plan [40 CFR 112.1(d)(5)]. Oil storage containers at UNM that meet these criteria include 47 ASTs, 2 split-tank ASTs (i.e., 4 tanks), 9 portable ASTs, 21 drums, 284 OFOE, & 7 USTs for a total of 372 tanks.

Oil types that are stored at UNM consist of diesel fuel⁸ for backup emergency power, Fats, Oils, and Grease (F.O.G.) from kitchen waste, non-polychlorinated-biphenyl (non-PCB) mineral oil, and hydraulic oil for elevators. Additional details for each tank are provided in [APPENDIX L: DETAILED INVENTORY OF STORAGE TANKS & OIL-FILLED OPERATIONAL EQUIPMENT \(OFOE\)](#). Representative photographs of the storage containers are shown in [APPENDIX I: PHOTOGRAPH LOG](#).

5.3.1 Oil-Filled Operational Equipment (OFOE)

Although OFOE is regulated under the SPCC Rule and is included in the facility's total oil storage capacity, it is not required to follow specific requirements that pertain to bulk storage containers (e.g., secondary containment, overfill alarms, etc.). OFOE is considered qualified if it meets the criteria set forth in CFR 112.7(k).

Qualified OFOE requirements include:

- No single discharge from OFOE exceeding 1,000 gallons or no two discharges, each exceeding forty-two gallons within any twelve-month period in the three years prior to the SPCC Plan certification date;
- Establishing and documenting the facility procedures for inspections or a monitoring program to detect equipment failure and/or a discharge; and
- Provide an oil spill contingency plan with a written commitment of manpower, equipment, and materials to respond to a discharge of oil.

5.3.2 EXEMPTED TANKS

One diesel storage tank (10,000-gallon capacity) is installed underground at Ford Utilities Center and maintained by UNM. It is used exclusively as heating oil for comfort heating purposes. As a result of its use, the tank is exempt from 20.5 NMAC and is, therefore, not considered a UST under that rule.

5.4 DISCHARGE PREVENTION MEASURES

Regulatory Requirement: *The SPCC Plan must describe discharge prevention measures including procedures for routine handling of products (loading, unloading, and facility transfers, etc.). [40 CFR 112.7(a)(3)(ii)]*

The SPCC Plan should also describe discharge or drainage controls such as secondary containment around containers and other structures, equipment, and procedures for discharge control. [40 CFR 112.7(a)(3)(iii)]

The remainder of this SPCC Plan describes the routine handling of oil products and preventative measures used at UNM to prevent the potential for discharge incidents at the facility. Measures taken to prevent discharges to navigable waters include, but are not limited to:

- Design and maintenance of secondary containment (where applicable) in compliance with 40 CFR 112.7(c), as discussed in Sections 8 and 16 of this SPCC Plan;
- Inspections conducted in accordance with 40 CFR 112.7(e), as outlined in Section 9;
- Proper loading and unloading procedures in compliance with 40 CFR 112.7(h), as discussed in Section 12;
- Management of facility drainage in compliance with 40 CFR 112.8(b), as outlined in Section 15;
- Design and maintenance of bulk storage containers in accordance with 40 CFR 112.8(c), as described in Section 16;

⁸ All diesel fuel that is delivered to UNM oil storage tanks is ultra-low sulfur diesel (i.e., contains less than 0.0015% or 15 ppm by weight of sulfur).

- Design and maintenance of oil transfer systems in accordance with 40 CFR 112.8(d), as discussed in Section 17.

5.5 DISCHARGE COUNTERMEASURES

Regulatory Requirement: *The SPCC Plan must describe countermeasures for discharge discovery, response, and cleanup (both the facility’s capabilities and those that might be required of a contractor).* [40 CFR 112.7(a)(3)(iv)]

The SPCC Plan must describe methods of disposal of recovered materials in accordance with applicable legal requirements. [40 CFR 112.7(a)(3)(v)]

The SPCC Plan must include contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors with whom the facility has an agreement for response, and all appropriate Federal, State, and local agencies who must be contacted in the occurrence of a discharge. [40 CFR 112.7(a)(3)(vi)]

5.5.1 Discharge Response Procedures

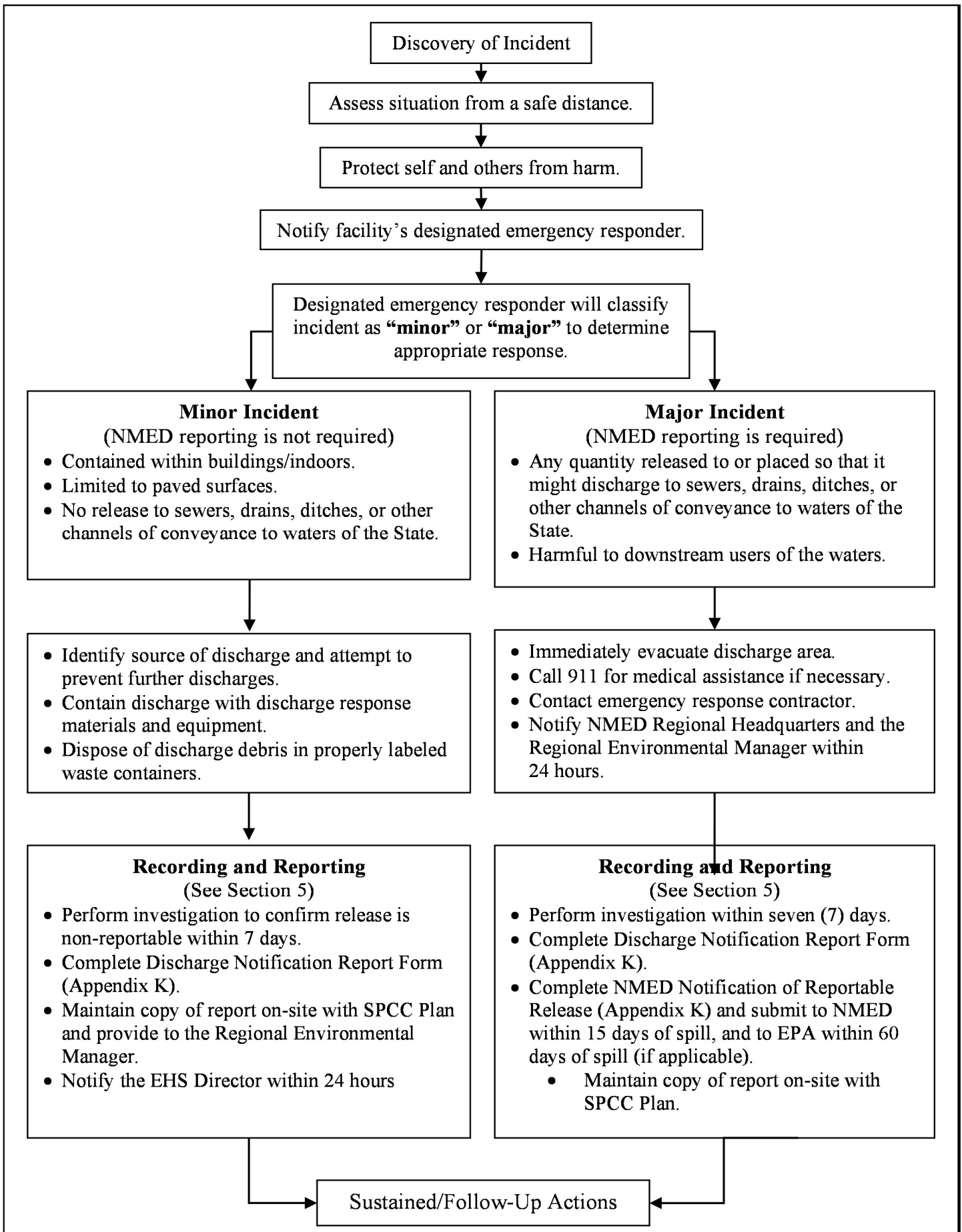
The uncontrolled discharge of oil to groundwater, surface water, or soil is prohibited per regulations, and immediate action must be taken to control, contain, and recover discharged products in the occurrence of a spill or leak. Figure 5-5-1 below illustrates the procedures for discovery, notification, and response to an oil discharge at UNM. Spill containment and cleanup are of secondary importance when compared to the health and safety of personnel. The immediate action(s) to be taken will depend on the capabilities of the person discovering the incident, his or her training and understanding of the incident, and the resources available around the incident. In all cases, the initial response actions should only be conducted in a safe manner, placing the safety and security of persons in the area above all factors.

Discharges are classified as either “minor” or “major,” depending on the volume and characteristics of the product released. Table 5-5-1 can be used to determine whether a discharge is to be classified as “minor” or “major.” Classification of the discharge will be left to the discretion of the designated Incident Commander.

TABLE 5-5-1. Classification of discharges.

<p>Minor Discharge <i>Discharge that poses no significant harm or threat to human health and safety or to the environment.</i></p>	<ul style="list-style-type: none"> • Quantity of product discharged is small enough to be easily stopped and contained (rule of thumb is less than 25 gallons). • Discharged material is not likely to reach nearby water bodies or soils (e.g., contained indoors or in immediate location of spill). • Discharge is localized near the source. • Discharge poses negligible risk to human health or safety. • Discharge poses negligible risk of fire or explosion.
<p>Major Discharge <i>Discharge that cannot be safely controlled or cleaned up by facility personnel.</i></p>	<ul style="list-style-type: none"> • Quantity of discharge is large enough to spread beyond immediate discharge area (e.g., > twenty-five gallons). • Discharged material reaches nearby water bodies, sanitary sewers, or soil/groundwater. • Discharge requires special equipment or training to clean up. • Discharge material poses a hazard to human health or safety. • Discharge poses substantial risk of fire or explosion.

FIGURE 5-5-1. Discharge Response Procedures.



5.5.1.1 Minor Discharge Response

In the event of a **minor discharge**, UNM personnel may clean up the oil spill if properly trained in oil-handling procedures and discharge response. A spill response checklist summarizing response procedures is provided in [APPENDIX B: SPILL RESPONSE CHECKLIST](#). The following response procedures shall be taken by personnel in the event of a minor discharge:

- A. Identify the source of discharge and attempt to prevent further discharges (if safe to do so).
- B. Notify UNM's EHS and provide the following information when reporting the spill:
 - a. Location and time of the incident;
 - b. Duration of release;
 - c. Type and quantity of material released (specifically if quantity is less than twenty-five gallons⁹);
 - d. If the spill reached floor/storm drains, water, or soil; and
 - e. Number of injured personnel, if any.
- C. Using the above information, EHS's Spill Response Coordinator (SRC) will assess the situation to determine if other emergency personnel will be required to respond and/or clean up the spill or release. EHS will notify Facilities Management as necessary.
- D. Under the direction of EHS and the SRC, and only if properly trained, contain the discharge with appropriate discharge response materials and equipment (locations provided in Section [5.5.3](#)) and allow materials to absorb completely. If the person discovering discharge is untrained to respond to spills, stay on the site of the incident and wait for response personnel to arrive.
- E. Clean up used absorbent materials and dispose of them appropriately by placing debris only in waste containers labeled as "hazardous materials" or "used oil waste," as described in Section [5.5.4](#). Following cleanup and disposal, response personnel shall notify EHS's SRC what spill response materials (provided by UNM) will need to be reordered and restocked.
- F. EHS spill response personnel will complete the Oil Discharge Report Form provided in [APPENDIX C: SPILL NOTIFICATION REPORT FORMS](#) and will log the discharge in the Spill History Log provided in

⁹ This reporting quantity is used as the rule of thumb, where petroleum product releases greater than twenty-five gallons should be reported because it takes approximately 25 gallons of product to trigger reporting requirements under the Reportable Quantity (in accordance with the Emergency Planning and Community Right to Know Act (EPCRA)) for benzene in many states

H. [APPENDIX E: SPILL HISTORY LOG](#). EHS will maintain all spill reports and records with this SPCC Plan.

5.5.1.2 Major Discharge Response

In the event of a **major discharge**, the following procedures shall be taken:

- A. Identify the source of discharge and prevent further discharges (if safe to do so).
- B. Immediately evacuate the area of discharge and notify UNM's EHS and provide the following information when reporting the spill:
 - a. Location and time of the incident;
 - b. Duration of release;
 - c. Type and quantity of material released (specifically if quantity is more than twenty-five gallons);
 - d. If the spill reached floor/storm drains, water, or soil; and
 - e. Number of injured personnel, if any.
- C. Call for medical assistance if any facility personnel are injured.
- D. Using the above information, Facilities personnel will notify EHS and the SRC, who will assess the situation and direct Facilities personnel to notify the UNM Police Department, the Albuquerque Fire and Emergency Medical Services, or the Albuquerque Police Department, as necessary. Additionally, EHS Spill Response Team personnel may direct Facilities personnel to contact the emergency response contacts listed in [APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE](#) using the following guidelines:
 - If the discharge reaches a sanitary sewer, notify the New Mexico Environment Department (NMED) and the Albuquerque Bernalillo County Water Utility Authority (ABCWUA).
 - If the discharge reaches navigable waters, notify the National Response Center (NRC). Note that EPA will also require notification when a spill is reported to NRC.
 - If the discharge reaches soils or groundwater in a volume that exceeds twenty-five gallons, also contact the on-call remediation contractor (Clean Harbors) that can recover the discharged product to prevent soil contamination.
- E. The emergency response contractor(s) will proceed to clean up the spill as appropriate for the situation. Person(s) discovering the discharge shall remain on the site of the incident and assist response personnel as needed. The contractor(s) will be responsible for disposing of all response and cleanup materials appropriately. If spill response materials provided by UNM were utilized for cleanup, response personnel shall notify EHS and the SRC what spill response materials will need to be reordered and restocked.
- F. EHS personnel will complete the Oil Discharge Report Form provided in [APPENDIX C: SPILL NOTIFICATION REPORT FORMS](#) and will log the discharge in

H. [APPENDIX E: SPILL HISTORY LOG](#). Additionally, EHS personnel will notify the NMED within twenty-four hours of the spill and EPA within sixty days of the spill, per Section 6 of this SPCC Plan. All spill reports and records will be maintained with this SPCC Plan.

5.5.2 Emergency and Response Contacts

Oil spill control and response on UNM are the responsibility of UNM's Spill Response Team; however, all UNM personnel with oil-handling responsibilities are to be trained and thoroughly familiar with the contents of this SPCC Plan and UNM's facility operations. UNM's facility management personnel, which is staffed twenty-four hours a day, are also trained in the appropriate response procedures to ensure that EHS receives all notifications of discharge incidents. Additionally, facility personnel will work closely with UNM's EHS to coordinate the appropriate response procedures and ensure the appropriate emergency contacts and contractors are notified.

Facility management personnel will be provided with a copy of this SPCC Plan and will provide access for outside emergency responders as needed. If a major spill cannot be contained, EHS or Facilities Management will contact the appropriate outside emergency response contractors. The on-call emergency response contractor for UNM is currently Clean Harbors. A summary of facility emergency contacts is presented in [APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE](#).

The following information shall be provided to emergency contacts when reporting the spill:

- Name and/or type of material spilled or released, and an indication of whether material is hazardous;
- Location of release;
- Time and duration of release;
- Quantity released and size of the container(s) from which spill or release occurred;
- The medium or media into which the release occurred;
- Known or anticipated acute or chronic health risks associated with the release;
- Proper precautions to take because of a release, including evacuation, if necessary; and
- Type of personal injuries, if any.

5.5.3 Discharge Response Equipment

Discharge response equipment is located in areas that are considered high-risk for a spill (i.e., adjacent or nearby to fuel storage areas). An inventory of the discharge response equipment that is available at UNM is provided below in Table 5-5-3. Additionally, this inventory is inspected and verified monthly as provided in [APPENDIX D: UNM SPILL RESPONSE MATERIALS](#).

TABLE 5-5-3. Discharge response equipment inventory.

Building 233
<ul style="list-style-type: none">• One Ford F350 Box Truck with a liftgate• Three 25-gallon self-contained spill kits (Uline & Grainger brand)• Twenty-four Absorbent socks• Four Cases of absorbent pads• One pallet of granulated absorbent• Non-sparking shovels, push brooms, scrub brushes, buckets• Various surfactants and cleaners in bulk quantities (5-gallon containers)• Traffic cones and delineators• 4-gas meter (detects LEL, CO, O2 & H2S)• Jerome meter (detects mercury vapor)• Dedicated full-face respirators and Tyvek suits

A list of available pieces of response equipment and their locations are provided at all oil storage locations at UNM, and facility personnel is instructed to notify UNM's EHS whenever materials are used to respond to spills so that the materials can be restocked and a full inventory is always readily available.

5.5.4 Waste Disposal

Waste materials generated during spill cleanup activities resulting from minor discharges that include containment and/or absorbent materials will be disposed of appropriately in properly labeled waste containers located in satellite accumulation areas. These waste materials will be disposed of off-site at a facility that is licensed to process the type(s) of waste involved. UNM's EHS can be contacted for disposal contracts and contractor information. Waste materials generated from the cleanup of major discharges will be removed and disposed of by the cleanup contractor(s).

6. SPILL REPORTING

Regulatory Requirement: *Unless the facility has submitted a response plan under 40 CFR 112.20, the SPCC Plan must provide information and procedures to enable a person reporting a discharge to relate information required under 40 CFR 112.7(a)(4). [40 CFR 112.7(a)(4)]*

Portions of the SPCC Plan should be organized to describe procedures that will be used when a discharge occurs in a way that will make them readily usable in an emergency, and should also include appropriate supporting material as appendices. [40 CFR 112.7(a)(5)]

It was determined that oil storage at UNM does not meet the criteria of causing substantial harm to the environment; thus, the facility is not required to submit a Facility Response Plan. Certification of the facility's applicability of the substantial harm criteria is provided in Section 1 of this SPCC Plan.

All facility personnel likely to discover a spill or leak at UNM have been instructed to contact UNM's Spill Response Team or EHS, who are trained in the appropriate procedures and will initiate the Incident Command System. All attempts will be made to contain the spill by securing the isolation valve to the affected system, where applicable, and by utilizing the spill response materials available on-site. All persons that may respond to an oil release or spill must be properly trained in both the emergency response procedures covered in Section 5.5 of this SPCC Plan, as well as in the proper handling of hazardous materials (e.g., 24-hour or 40-hour hazardous waste operations and emergency response [HAZWOPER] training). If a major spill cannot be contained by facility personnel, the appropriate outside emergency response contractor will be contacted immediately. The emergency response contractor for UNM is currently Clean Harbors, and their contact information is provided in [APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE](#).

Oil spills to navigable waters in harmful quantities, as defined in 40 CFR 110 and previously in Section 2.2, must be reported to the appropriate federal, state, and local agencies. Any quantity of oil released from the facility that reaches storm sewers or surface water should be reported to the appropriate agency contacts listed in [APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE](#). Upon immediate detection of a discharge and prior to reporting a spill to the appropriate agencies, the Oil Discharge Report Form provided in [APPENDIX C: SPILL NOTIFICATION REPORT FORMS](#) will be completed to help facilitate reporting to the appropriate agencies.

6.1 REPORTING SPILLS TO STATE AGENCY

All spills must be reported to EHS, regardless of their potential effect on the environment (i.e., soil, groundwater, surface water, sanitary sewers).

UNM, via EHS, will report all spills potentially affecting the environment to NMED and other applicable agencies, regardless of size or severity. The information reported on the completed Oil Spill Discharge Report Form ([APPENDIX C: SPILL NOTIFICATION REPORT FORMS](#)) will be provided.

Reporting to applicable agencies may not occur in the event of a minor spill, as defined previously in Section 5, provided:

- The spill is contained within buildings, or the spill will not potentially affect the environment,
- The appropriate response actions were taken to contain the spill, and
- A record of the spill is maintained on-site.

6.2 REPORTING SPILLS TO FEDERAL AGENCY (40 CFR 112.4)

UNM's EHS is responsible for reporting spills to federal agencies, as required. There are two triggers for federal reporting of oil spills.

1. The federal Discharge of Oil regulation (40 CFR Part 110), more commonly known as the "sheen rule," requires reporting of oil spills to inland and coastal waters and/or their adjoining shorelines as follows:
 - Discharges that cause a sheen or discoloration on the surface of a body of water,
 - Discharges that violate applicable water quality standards, or
 - Discharges that cause a sludge or emulsion to be deposited beneath the surface of the water or on adjoining shorelines.

Reporting to National Response Center (NRC) is required as soon as the spill is discovered.

2. Any facility owner/operator who is subject to the SPCC Rule must comply with the reporting requirements found in 40 CFR 112.4 when there is a discharge of:
 - More than 1,000 United States gallons of oil in a single discharge to navigable waters or adjoining shorelines, or
 - More than 42 United States gallons of oil in each of two discharges to navigable waters or adjoining shorelines occurring within any 12-month period.

When determining the applicability of this SPCC reporting requirement, the gallon amount(s) specified (either 1,000 or 42) refers to the amount of oil that reaches navigable waters or adjoining shorelines, not the total amount of oil spilled.

The discharge must be reported to the EPA Regional Administrator within 60 days. A copy of the report must also be sent to NMED.

Upon review of the report, EPA or NMED may require amendments to this SPCC Plan to prevent and contain future discharges from this facility. Amendments to the Plan must be completed within 30 days and implemented on-site within 6 months of such notice or within the deadline specified by EPA or NMED.

The report of the spill should be addressed to the following:

EPA Regional Administrator
 ATTN: Emergency Response
 EPA Region 6 Main Office
 1445 Ross Avenue, Ste. 1200
 Dallas, TX 75202

NMED Petroleum Storage Tank Bureau
 2905 Rodeo Park Dr. East, Bldg 1
 Santa Fe, NM 87505
 505-476-4397

Per 40 CFR 112.4(a) and 112.7(a)(4), the report must include the following information:

- Name and address of the facility;
- Name(s) and phone numbers of the owner or operator of the facility;
- Location of the facility;
- Description of the facility, including maps, flow diagrams, and topographical maps;
- Maximum storage or handling capacity of the facility and normal daily throughput;
- Date and time of the discharge, type of material discharged, and estimate of the quantity discharged and affected media (e.g., water, ground);
- Source of the discharge, cause, and any damages or injuries caused by the discharge;
- Corrective actions and countermeasures taken, including a description of equipment repairs and replacements;

- Cause(s) of the spill, including a failure analysis of the system or subsystem where the failure occurred;
- Corrective actions and/or countermeasures taken;
- Additional preventative measures taken or contemplated to minimize the possibility of recurrence; and
- Names of individuals and organizations contacted.

Minor oil spill incidents, as defined previously in Section 5, that are contained within buildings or are limited to paved surfaces with no potential pathways to soil and groundwater do not need to be reported to NMED.

6.3 SPILL HISTORY

All spill incidents at UNM will be recorded utilizing

APPENDIX E: SPILL HISTORY LOG, and all spill history documentation will be filed and maintained by EHS. At the time of this SPCC plan, there were no spills documented in the last five years.

7. DESCRIPTION OF POTENTIAL DISCHARGES

Regulatory Requirement: *Where experience indicates a reasonable potential for equipment failure (such as loading or unloading equipment, tank overflow, rupture, leakage, or any other equipment known to be a discharge source), include in the SPCC Plan a prediction of the direction, rate of flow, and total quantity of oil which could be discharged from the facility as a result of each type of major equipment failure. [40 CFR 112.7(b)]*

Experience indicates a reasonable potential for equipment failure that could result in a discharge of oil. Discharges of oil can potentially occur due to equipment malfunction or tank loading and unloading operations. In the event of a release, potential discharge directions, rates, and volumes for aboveground bulk oil storage containers and OFOE with capacities greater than fifty-five gallons are described in this Section. Also, Section 7 provides an analysis of discharge scenarios for oil storage containers fifty-five gallons and larger. The discharge flow pathways are depicted in

APPENDIX J: MAPS OF CAMPUS, DRAINAGE, TANK LOCATIONS, & SPILL KITS.

The majority of UNM is paved with grassy areas, although all the fixed ASTs, along with the electric transformers, are located outdoors on the pavement (i.e., concrete pads). The ASTs that are located outdoors include double-walled diesel fuel ASTs and all generator sub-base diesel fuel tanks. UNM owns and operates portable emergency generators, which are stored outdoors. Discharges that occur outdoors would primarily be contained on the pavement. If discharges cannot be contained before they reach nearby soils or storm drains, UNM's emergency response contractor would be notified to initiate the cleanup of the storm drains to prevent oil from entering stormwater channels and arroyos. If oil is allowed to enter the stormwater system, then AMAFCA or the City of Albuquerque will be contacted. If oil is allowed to enter the sanitary sewers, then ABCWUA will be contacted.

Discharges that occur during fuel deliveries due to a failure of the tank truck would also be primarily contained on paved surfaces. Discharges from fuel delivery trucks would follow the same flow pathways as discharges from the outdoor tanks.

The hydraulic oil elevator tanks, transformers, and the hydraulic lift are considered OFOE and are located indoors and outdoors. Discharges from indoor tanks would be contained to the interior of the rooms in which the tanks are located. Floor drains are not located immediately nearby these OFOEs. However, if discharge reaches a floor drain (i.e., sanitary sewer), ABCWUA will be contacted.

TABLE 7-1. Potential discharge scenarios.

Potential Event	Volume Potentially Discharged	Spill Rate	Discharge Direction
Main (Central) Campus			

Tank truck ¹⁰ failure	One to 3,000 gallons	Gradual to instantaneous	All but one AST in the central campus is double-walled and equipped with overfill prevention and release detection components; however, in the event of a discharge or failure of release detection components, releases would pool in the immediate area of the AST and be mostly contained on the pavement. Otherwise, releases would flow towards surrounding grass areas.
Complete or partial failure of bulk storage tank	Maximum of 1,075 gallons	Gradual to instantaneous	
Tank overfill	> One gallon	Up to ten gallons per minute	
Pipe/hose failure	Maximum of 1,075 gallons	Up to ten gallons per minute	
Leaking pipe or valve	Maximum of 1,075 gallons	Few gallons per hour	
North Campus			
Tank truck ¹¹ failure	One to 3,000 gallons	Gradual to instantaneous	All ASTs in the north campus are double-walled and equipped with overfill prevention and release detection components; however, in the event of a discharge or failure of such components, releases would pool in the immediate area of the storage tanks and be mostly contained on the pavement. Otherwise, releases would flow towards surrounding grass areas.
Complete or partial failure of bulk storage tank	Maximum of 4,200 gallons	Gradual to instantaneous	
Tank overfill	> One gallon	Up to ten gallons per minute	
Pipe/hose failure	Maximum of 4,200 gallons	Up to ten gallons per minute	
Leaking pipe or valve	Maximum of 4,200 gallons	Few gallons per hour	
South Campus			
Tank truck ¹² failure	One to 3,000 gallons	Gradual to instantaneous	All ASTs in the south campus are double-walled and equipped with overfill prevention and release detection components; however, in the event of a discharge or failure of such components, releases would pool in the immediate area of the storage tanks and be mostly contained on the pavement. Otherwise, releases would flow towards surrounding grass areas.
Complete or partial failure of bulk storage tank	Maximum of eighty gallons	Gradual to instantaneous	
Tank overfill	> One gallon	Up to ten gallons per minute	
Pipe/hose failure	Maximum of eighty gallons	Up to ten gallons per minute	
Leaking pipe or valve	Maximum of eighty gallons	Few gallons per hour	
Remote Sites – Sandia Crest KNME Transmitter			
Tank truck ¹³ failure	One to 3,000 gallons	Gradual to instantaneous	SC-AST-1 is located within the locked KNME building, is double-walled, and equipped with a Veeder-Root Automatic Tank Gauge system for release detection and overfill protection; however, in the event of a discharge or failure of release detection components, releases would pool in the immediate area of the AST and be mostly contained within the building; however,
Complete or partial failure of bulk storage tank	Maximum of 1,500 gallons	Gradual to instantaneous	
Tank overfill	> One gallon	Up to ten gallons per minute	
Pipe/hose failure	Maximum of 1,500 gallons	Up to ten gallons per minute	

¹⁰ Tank trucks that deliver fuel to UNM typically do not carry more than 3,000 gallons of fuel.

¹¹ Ibid.

¹² Ibid.

¹³ Ibid.

Leaking pipe or valve	Maximum of 1,500 gallons	Few gallons per hour	releases could flow outside the building to gravel-covered areas.
OFOE – Hydraulic Elevators and lift			
Complete failure of the system	Maximum of 120 gallons to 275 gallons	Instantaneous	There are no floor drains located near any of the Elevator Machine Rooms or lift; thus, releases from OFOE would be contained indoors within their respective buildings. However, if discharge reaches a floor drain (i.e., sanitary sewer), notify ABCWUA.
Partial failure of hydraulic system	Maximum of 120 gallons to 275 gallons	Gradual to instantaneous	

8. CONTAINMENT AND DIVERSIONARY STRUCTURES

Regulatory Requirement: *Provide appropriate containment and/or diversionary structures or equipment to prevent a discharge from occurring. The entire containment system, including walls and floor, must be capable of containing oil and must be constructed so that any discharge from a primary containment system, such as a tank, will not escape the containment system prior to cleanup. In determining the method, design, and capacity for secondary containment, only the typical failure mode needs to be addressed and the most likely quantity of oil that would be discharged. Secondary containment may be either active or passive in design. At a minimum, one of the prevention systems listed in 40 CFR 112.7(c)(1) or its equivalent must be used. [40 CFR 112.7(c)]*

If the installation of containment and/or diversionary structures or equipment to prevent a discharge is not practicable, the SPCC Plan must clearly explain why such measures are not practicable. Periodic integrity testing of bulk storage containers, in addition to periodic integrity and leak testing of the valves and piping, should be conducted. Unless the facility has submitted a response plan under 40 CFR 112.20, the SPCC Plan should provide an oil spill contingency plan and a written commitment of manpower, equipment, and materials required to expeditiously control and remove any quantity of oil discharged that may be harmful. [40 CFR 112.7(d)]

8.1 CONTAINMENT OF STORAGE CONTAINERS

Methods of secondary containment at UNM primarily consist of double-walled tanks (inherent containment) and land-based spill response (e.g., sorbent materials, drain covers, etc.) to prevent oil from reaching navigable waters and adjoining shorelines. Methods of secondary containment used for storage tanks at UNM include the following:

- **Double-wall tank construction.** The bulk storage tanks with double-walled construction have a secondary shell to prevent a release due to failure of the primary tank. The interstitial spaces of these double-walled tanks are always monitored for leaks and will also be checked during the monthly inspection to verify the integrity of the primary (inner) tank.
- **Spill kits.** Spill kits that include absorbent material, booms, and other portable barriers are located at the locations listed in [APPENDIX D: UNM SPILL RESPONSE MATERIALS](#). The spill kits are located within close proximity of the main oil storage areas for rapid deployment should a spill occur.
- **Active containment.** Measures that require deployment or specific actions prior to the start of an activity involving the handling of oil or in reaction to a discharge are implemented at the facility, and personnel is trained in following such procedures. These active containment measures will be utilized when a secondary containment structure for a tank is not practicable or if the tank is not readily accessible (e.g., OFOE). This SPCC Plan serves as a written commitment of manpower, equipment, and materials in place of providing secondary containment.

The hydraulic oil tanks for elevators at UNM do not require “passive” measures of secondary containment (e.g., double-walled tank or concrete containment dike). However, certain “active” measures of secondary containment that ensure immediate response to a spill or release from the elevator tanks are sufficient. Examples of active measures are as follows:

- Placing a storm drain cover over a drain to contain a potential spill in an area where transfers occur prior to transfer activities;

- Placing a storm drain cover over a drain in response to a discharge before the oil reaches the drain;
- Using spill kits in the event of a discharge; or
- Using spill response capability or Spill Response Teams in the event of a discharge.

8.2 DISCHARGE PREVENTION AT FUEL DELIVERY LOCATIONS

The ASTs at UNM are serviced directly by tank trucks provided by UNM’s fuel delivery contractor(s); thus, all fuel loading and unloading areas are directly adjacent to all storage areas. The fuel delivery contractor(s) are responsible for placing spill protection around hose connections, checking existing fuel levels prior to filling, and ensuring the appropriate procedures are followed to prevent overfills to tanks. Most fuel delivery trucks are equipped with automatic shut-off mechanisms, as well as gauges or meters to ensure that fuel tanks will not be overfilled during refueling. Additionally, it is UNM’s policy to have an authorized representative from UNM be on site during all fuel deliveries to assist the fuel delivery driver and monitor tank filling operations (e.g., monitoring visual gauges and/or overflow protection systems).

8.3 SPILL CONTINGENCY

UNM is not required to submit a Facility Response Plan as the facility does not meet the criteria of causing substantial harm to the environment; thus, this SPCC Plan serves as a written commitment of manpower, equipment, and materials for an efficient response in the occurrence of an oil release. An Oil Spill Contingency Plan for qualified OFOE is included in [APPENDIX H: OFOE OIL SPILL CONTINGENCY PLAN](#).

9. INSPECTIONS, TESTS, AND RECORDKEEPING

Regulatory Requirement: *The owner or operator of the facility must conduct inspections and tests required by 40 CFR 112 in accordance with written procedures that the owner/operator or certifying engineer develop for the facility. These written procedures and a record of the inspections and tests, signed by the appropriate supervisor or inspector, must be kept with the SPCC Plan for a period of three years. Records of inspections and tests kept under usual and customary business practices will suffice. [40 CFR 112.7(e)]*

Regularly scheduled inspections and testing by qualified personnel are critical elements of discharge prevention, and 40 CFR 112.8(c)(6) establishes that inspection and testing requirements for aboveground bulk storage containers should be performed following industry standards. UNM has elected to follow the Steel Tank Institute (STI) *Standard for the Inspection of Aboveground Storage Tanks*, SP-001 (STI SP-001 Standard), for developing an inspection and testing schedule for the ASTs at UNM.

The STI SP-001 Standard provides criteria for testing types and frequencies for existing ASTs and is based on factors including the tank size, configuration, and design (e.g., shop-fabricated, double-walled, etc.). These factors classify tanks into one of three categories per the STI SP-001 Standard, where each type of container has an established inspection schedule. Minimum frequencies and testing types are provided in Table 9-1 for shop-fabricated ASTs and portable containers.

TABLE 9-1. STI SP-001 Standard inspection schedule.

AST Type and Size (U.S. gallons)	Category 1	Category 2			Category 3			
Shop-Fabricated ASTs	0 – 1,100	• P	• P			• P • E & L (10)		
	1,101 – 5,000	• P	• P • E & L (10)			• P • E & L (5) • I (10)	OR	• P • L (2) • E (5)
	5,001 – 30,000	• P • E (20)	• P • E (10) • I (20)	OR	• P • E (5) • L (10)	• P • E & L (5) • I (10)	OR	• P • L (1) • E (5)

	30,001 – 50,000	<ul style="list-style-type: none"> • P • E (20) 	<ul style="list-style-type: none"> • P • E & L (5) • I (15) 	<ul style="list-style-type: none"> • P • E & L (5) • I (10)
Portable Containers		<ul style="list-style-type: none"> • P 	<ul style="list-style-type: none"> • P 	<ul style="list-style-type: none"> • P*

Notes:

Category 1 = ASTs with spill control and with Continuous Release Detection Method
Category 2 = ASTs with spill control and without Continuous Release Detection Method
Category 3 = ASTs without spill control and without Continuous Release Detection Method

P = Periodic inspection (routine)
E = Formal external inspection by Certified Inspector
I = Formal Internal Inspection by Certified Inspector
L = Leak test by the owner or owner's designee
(#) = Indicate maximum inspection interval in years

* Owners of Category 3 portable containers must either discontinue the use of the container or have the container tested and recertified by the Department of Transportation (every seven years for plastic containers, every twelve years for steel containers, and every seventeen years for stainless steel containers).

9.1 PERIODIC VISUAL INSPECTIONS

9.1.1 ASTs and Portable Containers

All fixed and portable ASTs at UNM are considered Category 1 and 2 Tanks¹⁴ under the STI SP-001 Standard, which require periodic inspections that can be performed by properly trained facility personnel (UNM's EHS or designated inspector).

The inspector that performs periodic inspections must be knowledgeable of the storage facility operations, the type and configuration of the AST and its associated components, and the characteristics of the liquid stored in the AST. Inspections must be performed without suspending AST operations or removing the AST from service.

Periodic visual inspections are performed monthly and annually at UNM and are documented utilizing the checklists provided in [APPENDIX F: TANK INSPECTION CHECKLISTS](#). The monthly periodic visual inspection checklist meets the minimum recommended inspection parameters as provided by the STI SP-001 Standard. The annual periodic visual inspection checklist is intended to supplement the monthly inspections and includes inspection items that are not observed monthly; the annual checklist also incorporates site-specific inspection recommendations provided in SP-001.

The monthly visual inspections will be used to observe general conditions of the primary and secondary (if applicable) tanks, tank supports, anchors, foundation and external supports, insulation covering, normal and emergency vents, tank appurtenances, tank gauges and alarms, release prevention barriers, spill control systems, oil/water accumulation within the secondary containment, and availability of discharge response equipment. The tanks must be viewed in sufficient light from above and on all sides. All tanks sit on impervious surfaces, so the tank bottoms are not required to be visible.

¹⁴ Category 1 Tanks are provided with: (1) spill control, which is a means of preventing a release of liquid to the environment, and (2) Continuous Release Detection Method (CRDM), which is a means of detecting a release of liquid through inherent design.

9.1.2 Emergency Generators

Emergency generators are inspected monthly by UNM's Facilities Management personnel to check the fuel volumes available in the generator day tanks or sub-base fuel tanks. Main supply tanks that provide fuel to the generator day tanks and sub-base fuel tanks are also included as part of this inspection. UNM's policy is to maintain a minimum fuel level of fifty percent in all fuel tanks that supply fuel for emergency generators. Fuel tanks with levels less than fifty percent are indicated on the monthly inspection, and Facilities Management is responsible for ordering fuel to refill the necessary tanks.

Additionally, UNM's Facilities Management personnel inspect all generators monthly to verify they are operating correctly. These inspections include a visual inspection of the generators, hose lines, filters, fuel tank, etc. Facilities Management will alert EHS if any issues pertaining to the generator fuel tanks are identified during these inspections.

9.1.3 Oil-Filled Operational Equipment

OFOE is not required to follow specific requirements that pertain to bulk storage containers (e.g., secondary containment, overfill alarms, etc.). The OFOE at UNM, which includes hydraulic oil elevators, a hydraulic lift, and transformers, are included under a separate section on the monthly checklist provided in [APPENDIX F: TANK INSPECTION CHECKLISTS](#). Additionally, all elevators at UNM are inspected monthly by Kone Corporation.

9.2 FORMAL EXTERNAL INSPECTIONS

Formal external inspections must be performed by a Certified Inspector and include an assessment of the condition of the AST and a determination of its suitability for continued service without entry into the AST interior. As indicated in Table 9-1, formal external inspections, in addition to periodic visual inspections, must be performed on Category 1 Tanks that exceed 5,000 gallons, Category 2 Tanks that exceed 1,100 gallons, and all Category 3 Tanks.

9.3 FORMAL INTERNAL INSPECTIONS

A formal internal inspection, conducted by a Certified Inspector, assesses both the internal and external conditions of the AST and determines its suitability for continued service. Formal internal inspections can be used to meet the inspection requirements of SP-001 in combination with other formal inspections for Category 2 Tanks greater than 5,000 gallons and Category 3 Tanks greater than 1,100 gallons. Note that formal internal inspections include the inspection requirements of formal external inspection and thus can satisfy the requirements of formal external inspections. Formal internal inspections are not required on ASTs at UNM.

9.4 LEAK TESTING

Leak testing can be used to meet the inspection requirements of SP-001, in combination with other formal inspections, on Category 2 Tanks¹⁵ with capacities greater than 1,100 gallons and all Category 3 Tanks. The leak testing method consists of a "point-in-time" test to determine if an AST is liquid-tight, providing an indication of the AST's integrity. Leak testing methods can include the following technologies:

- Gas pressure decay (i.e., vacuum decay),
- Gas pressure soap bubble testing,
- Gas tracers (e.g., helium tracer),
- Soil tracers (e.g., chemical markers),
- Mass measurement,
- Level measurement, or
- Hydrostatic test.

¹⁵ For Category 2 Tanks with capacities between 5,001 and 30,000 gallons, formal internal inspections can be performed to replace leak testing.

9.5 TESTING REQUIREMENTS FOR NEW AST SYSTEMS

New single-walled and double-walled AST systems manufactured for the storage of stable, flammable, and combustible liquids at normal atmospheric pressure must be tested upon arrival at the job site according to the manufacturer's recommendations. Temporarily plug, cap, or seal off remaining tank openings to maintain pressure. Testing includes pressurization of the primary and/or secondary portions of the AST system. Specific testing methods, developed according to the AST design, must be followed to ensure the safety of personnel and to maintain the manufacturer's warranty. If the test fails, an attempt to diagnose the root cause of the failure must be made. If the test passes, depressurize or remove the vacuum in a controlled fashion, and initiate the installation of appurtenances. Records of the initial test should be maintained by Facilities Management for the life of the tank.

9.6 RECORDKEEPING

The inspector is required to check the status of each item included on an inspection checklist and indicate on the checklist whether an item's condition is acceptable. If the status of a particular item demonstrates non-compliance, the appropriate and complete information is recorded, including the corrective actions to be taken. Completed inspection records are maintained by EHS for a period of three (3) years.

10. EMPLOYEE TRAINING

Regulatory Requirement: *At a minimum, oil-handling personnel must be trained in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; and the contents of this SPCC Plan. [40 CFR 112.7(f)(1)]*

A person who is accountable for discharge prevention and who reports to facility management should be designated. [40 CFR 112.7(f)(2)]

Discharge prevention briefings should be scheduled and conducted for the facility's oil-handling personnel at least once a year to ensure adequate understanding of this SPCC Plan. Such briefings must highlight and describe known discharges or failures, malfunctioning components, and any recently developed precautionary measures. [40 CFR 112.7(f)(3)]

10.1 OIL-HANDLING PERSONNEL TRAINING

Annual training will be scheduled and conducted for oil-handling personnel to ensure an adequate understanding of this SPCC Plan. Training and attendance records are maintained by EHS using UNM's primary training software, "Learning Central" (<https://learningcentral.unm.edu/>), for a period of at least three years.

Facilities Management and other personnel at UNM who have duties that may potentially involve the handling of oil receive training for oil spill prevention and basic spill response. This annual training is provided by EHS personnel and includes the following topics:

- Awareness of SPCC Plan, including procedures and requirements outlined within the SPCC Plan;
- Potential sources of oil spills, including the proper operation and maintenance of equipment to prevent discharges;
- Basic spill prevention and response procedures/equipment;
- Spill reporting procedures; and
- Recent reported spills.

10.2 EMERGENCY RESPONSE TRAINING

UNM personnel who are responsible for performing spill response activities (typically "minor" spills) are also required to receive HAZWOPER training. Personnel authorized to respond to spills are required to attend the forty-hour HAZWOPER training. UNM personnel who do not work directly with hazardous materials/wastes receive the twenty-four-hour HAZWOPER training. All employees who either receive the twenty-four-hour or forty-hour HAZWOPER training are required to attend an annual eight-hour refresher course.

11. SITE SECURITY

Regulatory Requirement: *The SPCC Plan must describe how access to oil handling, processing, and storage areas are secured and controlled; how master flow and drain valves are secured; how unauthorized access to starter controls on oil pumps is prevented; and how out-of-service and loading/unloading connections of oil pipelines are secured. The SPCC Plan must also address the appropriateness of security lighting to both prevent acts of vandalism and assist in the discover of oil discharges. [40 CFR 112.7(g)]*

Most oil storage locations at UNM are located within secured outdoor areas or indoors. Only UNM Facilities Management and EHS have access to these areas. Additional security measures utilized at the site include the following:

- Adequate lighting to prevent vandalism and reveal spills after dark is provided throughout the site;
- All buildings have lockable exterior doors and windows, where residence halls require a “Student” or “Staff” badge to access;
- Equipment controls are kept locked or located within secure/locked fencing and/or rooms; and
- Visitors to the storage tanks are escorted by Facilities Management or EHS personnel.

12. LOADING AND UNLOADING OPERATIONS

Regulatory Requirement: *Where loading/unloading area drainage does not flow into a catchment basin or treatment facility designed to handle discharges, use a quick drainage system for tank car or tank truck loading/unloading racks. A containment system must be designed to hold at least the maximum capacity of any single compartment of a tank car or tank truck loaded or unloaded at the facility. [40 CFR 112.7(h)(1)]*

Provide an interlocked warning light or physical barrier system, warning signs, wheel chocks, or vehicle break interlock system in the area adjacent to a loading/unloading rack to prevent vehicles from departing prior to complete disconnection of flexible or fixed oil transfer lines. [40 CFR 112.7(h)(2)]

Prior to the filling and departure of any tank car or tank truck, closely inspect for discharges at the lowermost drain and all outlets of such vehicles, and if necessary, ensure that they are tightened, adjusted, or replaced to prevent liquid discharge while in transit. [40 CFR 112.7(h)(3)]

The loading/unloading of fuel oil from tank trucks to the ASTs occurs outdoors. There are no existing loading/unloading racks or designated diked/bermed fuel delivery areas. The fuel ASTs are directly serviced by tank trucks; thus, the loading/unloading operations occur directly adjacent to the ASTs.

The fuel delivery contractors are responsible for placing spill protection around hose connections, checking existing fuel levels, and safely filling the tanks by preventing overfills. Facilities Management or EHS are required to observe tank filling operations to ensure that discharges are prevented or minimized. UNM’s policy requires that a minimum of one UNM employee or designated representative is present at the fuel tank and monitoring the electronic tank gauge (e.g., automatic tank gauge system) or visual gauge, and is equipped with radio or cellular devices that can instantly communicate to the fuel delivery driver when the fuel tank nears capacity.

13. BRITTLE FRACTURE ANALYSIS

Regulatory Requirement: *If a field-constructed aboveground container undergoes a repair, alteration, reconstruction, or a change in service that might affect the risk of a discharge or failure due to brittle fracture or other catastrophe, or has discharged oil or failed due to brittle fracture failure or other catastrophe, evaluate the container for risk of discharge or failure due to brittle fracture or other catastrophe, and as necessary, take appropriate action. [40 CFR 112.7(i)]*

No field constructed ASTs are present at UNM; therefore, this requirement does not apply to the facility.

14. COMPLIANCE WITH STATE REGULATIONS

Regulatory Requirement: *The SPCC Plan should include a complete discussion of conformance with the applicable requirements and other effective discharge prevention and containment procedures listed in 40 CFR 112 or any applicable more stringent State rules, regulations, and guidelines. [40 CFR 112.7(j)]*

14.1 NEW MEXICO PETROLEUM STORAGE TANK REGULATIONS

UNM operates applicable aboveground and underground storage tanks in compliance with 20.5 New Mexico Administrative Code (NMAC) – Petroleum Storage Tank Regulations.

15. FACILITY DRAINAGE

15.1 DRAINAGE FROM DIKED STORAGE AREAS

Regulatory Requirement: *Restrain drainage from diked storage areas by valves to prevent a discharge into the drainage system or facility effluent treatment system, except where facility systems are designed to control such discharge. Diked areas may be emptied by pumps or ejectors, but these pumps or ejectors must be manually activated, and the condition of the accumulation before starting must be inspected to ensure that no oil will be discharged. [40 CFR 112.8(b)(1)]*

There are no diked storage areas at UNM; thus, this regulatory requirement does not apply.

The sub-base fuel tanks for the portable generators is single-walled; thus, UNM personnel have been instructed to set up temporary diking around the generator whenever the generator will be in operation. The generator is only set up for temporary operation outdoors on pavement or asphalt and is not permitted to be set up on grass or on soils.

15.2 VALVES USED ON DIKED STORAGE AREAS

Regulatory Requirement: *Use valves of manual, open-and-closed design, for the drainage of diked areas. Flapper-type drain valves may not be used to drain diked areas. If facility drainage drains directly into a watercourse and not into an on-site wastewater treatment plant, uncontaminated retained storm water must be inspected. [40 CFR 112.8(b)(2)]*

There are no diked storage areas at UNM; thus, this regulatory requirement does not apply.

15.3 UNDIKED AREAS

Regulatory Requirement: *Design facility drainage systems from undiked areas with a potential for discharge (such as where piping is located outside the loading area) to flow into ponds, lagoons, or catchment basins designed to retain oil or return it to the facility. Catchment basins may not be located in areas subject to periodic flooding. [40 CFR 112.8(b)(3)]*
If facility drainage is not engineered as specified in 40 CFR 112(b)(3), equip the final discharge of all ditches inside the facility with a diversion system that would, in the event of an uncontrolled discharge, retain oil in the facility. [40 CFR 112.8(b)(4)]

Outdoor oil storage areas at UNM are provided with appropriate containment via the inherent double-wall design of the tanks. Discharges from bulk storage ASTs and emergency sub-base fuel tanks would be contained within the interstitial space of the double-wall tanks. These interstitial spaces are also monitored and checked monthly for leaks from the primary inner tanks. The facility drainage system from undiked areas with a potential for a discharge (such as where tank truck discharges may occur during fuel transfer) does not include ponds, lagoons, or catchment basins designed to retain oil or return it to the facility.

15.4 FACILITY DRAINAGE SYSTEMS AND EQUIPMENT

Regulatory Requirement: *Where drainage waters are treated in more than one treatment unit and such treatment is continuous (requiring pump transfer), provide two “lift” pumps and permanently install at least one of the pumps. [40 CFR 112.8(b)(5)]*

UNM owns and operates only one oil/water separator inside of the Automotive Center. However, it is only used intermittently in emergencies when a spill occurs indoors to stop the flow from entering the wastewater sewer. Oil spills are unlikely to occur in the absence of staff, and drainage waters are non-existent inside the facility. If a spill occurs, the separator valve must immediately be closed and the unit contracted for cleanout, as it does not have a pump. Thus, this regulatory requirement for continuous treatment technologies does not apply.

16. BULK STORAGE CONTAINERS

16.1 MATERIALS AND CONSTRUCTION

Regulatory Requirement: *A container cannot be used for oil storage unless its material and construction are compatible with the material stored and conditions of storage such as pressure and temperature. [40 CFR 112.8(c)(1)]*

The fixed ASTs at UNM are designed and constructed in accordance with industry standards and good engineering practices to prevent discharges. All tanks are shop-fabricated, constructed of steel, and compatible with the liquids that they contain. The ASTs at UNM are also suitable for the pressure and temperature conditions that they encounter.

16.2 SECONDARY CONTAINMENT

Regulatory Requirement: *Construct all bulk storage container installations (except mobile refuelers and other non-transportation-related tank trucks) so that a secondary means of containment is provided for the entire capacity of the largest single container and sufficient freeboard to contain precipitation. Diked areas should be sufficiently impervious to contain discharged oil. An alternative system consisting of a drainage trench enclosure can also be used, as long as it is arranged so that any discharge will terminate and be safely confined in a facility catchment basin or holding pond. [40 CFR 112.8(c)(2)]*

The drainage of uncontaminated rainwater from the diked area into a storm drain, or the discharge of an effluent into an open watercourse, lake, or pond, bypassing the facility treatment is not allowed, unless: (1) the bypass valve is normally kept sealed closed, (2) the retained rainwater is inspected to ensure that its presence will not cause a discharge, (3) the bypass valve is opened and resealed following drainage under responsible supervision, and (4) adequate records of such events are kept. [40 CFR 112.8(c)(3)]

Adequate secondary containment is provided for all oil storage tanks at UNM, as discussed previously in Section 8. The double-wall design of these tanks provides intrinsic secondary containment and consists of a secondary shell to contain at least 110 percent of the inner shell capacity. The interstitial space of double-walled tanks is inspected during monthly inspections to detect and monitor leaks from the inner tank.

All the single-walled ASTs at UNM are located indoors and not located near any drains; thus, spills that occur from these tanks would be contained inside the room they are located in.

16.3 CORROSION PROTECTION

Regulatory Requirement: *Protect any completely buried metallic storage tank installed on or after January 10, 1974 from corrosion by coatings or cathodic protection compatible with local soil conditions. Leak tests should be regularly performed on such completely buried metallic storage tanks. [40 CFR 112.8(c)(4)]*

Partially buried or bunkered metallic tanks shall not be used for oil storage, unless the buried section of the tank is protected from corrosion. Partially buried and bunkered tanks must be protected from corrosion by coatings or cathodic protection compatible with local soil conditions. [40 CFR 112.8(c)(5)]

UNM no longer owns or operates any completely buried metallic storage tanks; thus, this regulatory requirement does not apply.

16.4 TANK TESTING AND INSPECTION

Regulatory Requirement: *Test or inspect each aboveground container for integrity on a regular schedule and whenever material repairs are made. The appropriate qualifications for personnel performing tests and inspections must be determined in accordance with industry standards. The frequency and type of testing must take into account container size, configuration, and design such as containers that are shop-built, field-erected, skid-mounted, elevated, equipped with a liner, double-walled, or partially buried. Comparison records must be kept, in addition to inspecting the container's supports and foundations. The outside of the container must also be frequently inspected for signs of deterioration, discharges, or accumulation of oil inside diked areas. Records of inspections and tests kept under usual and customary business practices will suffice for purposes of 40 CFR 112.8(c)(6). [40 CFR 112.8(c)(6)]*

Routine visual inspections and testing of all tanks shall be performed as addressed in Section 9. Recognized industry standards (i.e., STI SP001) for conducting inspections of the tanks are recommended.

16.5 INTERNAL HEATING COILS

Regulatory Requirement: *Control leakage through defective internal heating coils by monitoring the steam return and exhaust lines for contamination from internal heating coils that discharge into an open watercourse, or pass the steam return or exhaust lines through a settling tank, skimmer, or other separation or retention system. [40 CFR 112.8(c)(7)]*

The ASTs installed at UNM do not have internal heating coils; thus, this regulatory requirement does not apply.

16.6 FAIL-SAFE ENGINEERED TANK INSTALLATION

Regulatory Requirement: *Engineer or update each container installation in accordance with good engineering practice to avoid discharges. One of the following devices must be provided:*

- (1) High liquid level alarms with an audible or visual signal at a constantly attended operation or surveillance station. An audible air vent may suffice in smaller facilities.*
- (2) High liquid level pump cutoff devices set to stop flow at a predetermined container content level.*
- (3) Direct audible or code signal communication between the container gauger and the pumping station.*
- (4) A fast response system for determining the liquid level of each bulk storage container such as digital computers, telepulse, or direction vision gauges. If this alternative is used, a person must be present to monitor gauges and the overall filling of bulk storage containers.*
- (5) Liquid level sensing devices must be regularly tested to ensure proper operation.*

[40 CFR 112.8(c)(8)]

The ASTs at UNM are provided with one or more of the following means of detecting or preventing releases of liquids to the environment:

- Visual gauges are the most common overfill prevention devices that are provided for the fixed ASTs at UNM, including most generator sub-base fuel tanks. The OFOE located indoors are not equipped with visual gauges.
- Pad-mounted ASTs and generator sub-base fuel tanks are equipped with high fuel alarms that can produce an audible or visual signal and are equipped with an emergency shut-off or a high level liquid pump cutoff device. 153-AST-1, 194-AST-1, 229-AST-1, 304-AST-1A/B, SC-AST-1 are equipped with Veeder-Root automatic tank gauging (ATG) electronic monitoring systems providing continuous release detection and monitoring.

UNM performs testing of all electronic monitoring equipment, liquid level alarms, and emergency shut offs annually or per manufacturers recommendations to ensure proper operation.

16.7 EFFLUENT MONITORING

Regulatory Requirement: *Observe effluent treatment facilities frequently enough to detect possible system upsets that could cause a discharge. [40 CFR 112.8(c)(9)]*

UNM is responsible for stormwater controls on its campuses, but not off campus. The Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA) and the City of Albuquerque (COA) have primary responsibility for different channels and arroyos in the Middle Rio Grande's Municipal Separate Storm Sewer System (MS4).¹⁶ AMAFCA and COA share a common responsibility for the operation of the UNM flood control and stormwater quality system, as these permittees' areas of responsibility have large areas of overlap.

UNM does not discharge directly into the Rio Grande. Rather, stormwater runoff from the UNM Albuquerque campuses discharge into COA's and AMAFCA's MS4. Additionally, UNM has developed land west of University Blvd. NE, north of Lomas Blvd. NE, west of Interstate 40 (I-40), and south of Indian School Road NE (a.k.a. "Lands West"). The outfall for Lands West is Odelia Pond, a stormwater detention facility owned, operated, and maintained by COA.

16.8 VISIBLE OIL LEAKS

Regulatory Requirement: *Promptly correct visible discharges which result in a loss of oil from a container, including, but not limited to, seams, gaskets, piping, pumps, valves, rivets, and bolts. Any accumulations of oil in diked areas must be promptly removed. [40 CFR 112.8(c)(10)]*

Oil leaks observed from tanks or associated piping will be immediately reported to EHS, as discussed previously in Section 6. The appropriate response personnel and/or technician will provide immediate attention to repair the leaking equipment or stop service to the leaking tank or piping. If the area where the release occurs requires spill response and cleanup, the procedures discussed in Section 6 will be followed.

16.9 MOBILE OR PORTABLE OIL STORAGE TANKS

Regulatory Requirement: *Position or locate mobile or portable oil storage containers to prevent a discharge. Except for mobile refuelers and other non-transportation-related tank trucks, a secondary means of containment, such as a dike or catchment basin, must be furnished to contain the capacity of the largest single compartment or container with sufficient freeboard to contain precipitation. [40 CFR 112.8(c)(11)]*

UNM owns portable emergency generators with a sub-base fuel tanks that are used for emergencies or permanent emergency generator failure. These portable generators are typically stored in a locked wall confinement in the FM Service Building staging area until they are needed for operation. Additionally, there are five (5) refrigeration trucks which utilize 50-gallons or less of unleaded gasoline to power the refrigeration units.

The sub-base fuel tanks on the portable generators are included on the monthly and annual inspections to verify that the tank is structurally sound and ensure that releases are prevented from the tank. UNM's policy is to only operate the portable generator on pavement or asphalt and requires that temporary diking be set up around the generator when it is in use to prevent or minimize releases beyond the vicinity of the generator's operation location.

¹⁶ EHS maintains a copy of UNM's MS4 Permit at https://ehs.unm.edu/assets/documents/misc-environmental-health/April_9_2015_Final_MRG_MS4_Permit_Mod.pdf

17. FACILITY TRANSFER OPERATIONS

Transfer operations at UNM include the filling of ASTs with diesel fuel that supply emergency generators, and the transfer of oil from ASTs to emergency generators.

17.1 UNDERGROUND PIPING

Regulatory Requirement: *Provide buried piping that is installed or replaced on or after August 16, 2002 with a protective wrapping and coating. Such buried piping installations must also be cathodically protected, or otherwise satisfy the corrosion protection standards for piping listed in 40 CFR 280 or a State program approved under 40 CFR 281. If a section of buried line is exposed for any reason, it must be carefully inspected for deterioration. If corrosion damage is found, additional examination and corrective action as indicated by the magnitude of damage must be undertaken. [40 CFR 112.8(d)(1)]*

Cap or blank-flange the terminal connection at the transfer point and mark it as to origin when piping is not in service or is in standby service for an extended time. [40 CFR 112.8(d)(2)]

Properly design pipe supports to minimize abrasion and corrosion and allow for expansion and contraction. [40 CFR 112.8(d)(3)]

No underground piping is associated with the ASTs at UNM; thus, this regulatory requirement does not apply.

17.2 ABOVEGROUND PIPING

Regulatory Requirement: *Regularly inspect all aboveground valves, piping, and appurtenances. The general condition of items such as flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces should be assessed. Integrity and leak testing must also be conducted on buried piping at the time of installation, modification, construction, relocation, or replacement. [40 CFR 112.8(d)(4)]*

Warn all vehicles entering the facility to be sure that no vehicle will endanger aboveground piping or other oil transfer operations. [40 CFR 112.8(d)(5)]

Piping runs, valves, flanging, and connections are inspected and evaluated during the monthly and annual inspections. If an issue is observed or identified, corrective action will be taken within a reasonable timeframe. ASTs are in areas that vehicular traffic cannot enter, although all employees and contractors are trained to be aware of potential hazards during fuel deliveries or other transfer operations.

18. APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE

Agency / Individual	Address	Phone Number(s)
Federal Agencies		
National Response Center (NRC)	1200 Pennsylvania Ave. NW (MC 5104A) Washington, DC 20460	(800) 424-8802 (202) 267-2675
U.S. Environmental Protection Agency (EPA) Region 6	1201 Elm Street (Suite 500) Dallas, TX 75270	(800) 887-6063 (214) 665-2760
State and Local Agencies		
New Mexico Environment Department (NMED)	1190 St. Francis Drive (Suite N4050) Santa Fe, NM 87505	Emergency: (505) 827-9329 Non-emergency: (866) 428-6535
Albuquerque Fire Rescue	11500 Sunset Gardens SW, Albuquerque, NM 87121	(505) 768-9300
Albuquerque Fire Marshal's Office	724 Silver Avenue SW, Albuquerque, NM 87102	(505) 764-6300
Albuquerque Police Department	400 Roma Avenue NW, Albuquerque, NM 87102	(505) 768-2200
Albuquerque Bernalillo County Water Utility Authority (ABCWUA)	1441 Mission Avenue NE, Albuquerque, NM 87113	(505) 842-9287
UNM Facility Contacts		
UNM Environmental Health and Safety (EHS)	1801 Tucker Ave. NE (Bldg. 233) Albuquerque, NM 87131	Office: (505) 277-2753 24/7 Officer: (505) 951-0194
UNM Facilities Management (FM)	See UNM FM Area Managers Below.	Office: (505) 277-2421
UNM Police Department (PD)	2500 Campus Blvd NE (Bldg. 58) Albuquerque, NM 87131	(505) 277-2241 Emergency: Call 911
Casey B. Hall, <i>Director</i> UNM EHS	1801 Tucker Ave. NE (Bldg. 233) Albuquerque, NM 87131	Cell: (315) 885-8683 Office: (505) 277-0305
Melissa Terry, <i>Chemical Hygiene Officer</i> UNM EHS	Same as above.	Cell: (415) 797-2223 Office: (505) 277-1058
Tommy Evans, <i>EHS Technician III</i> UNM EHS	Same as above.	Cell: (505) 553-0433 Office: (505) 277-1692
Gonzalo (Gonzo) Orona, <i>EHS Technician II</i> UNM EHS	Same as above.	Cell: (575) 499-4004
Thanatos VonFox (Viktor Gough), <i>Unit Admin I</i> , UNM EHS	Same as above.	Cell: (626) 644-8911
Katelin Fisher, <i>Volunteer</i> UNM Spill Response Team	210 University Blvd. NE (Bldg. 112) Albuquerque, NM 87131	Cell: (765) 413-8219
Mark Hofheins, <i>Volunteer</i> UNM Spill Response Team	800 Bradbury Dr. SE, STE 175 (Bldg. 341) Albuquerque, NM 87131	Office: (505) 272-7506 Cell: (505) 259-9278
Edwin Trujillo, <i>FM Area 1 Manager</i> UNM FM	1818 Camino Del Servicio N.E. (Bldg. 204) Albuquerque, NM 87131	Office: (505) 277-0100 Cell: (505) 269-9291
Leo Lucero, <i>FM Area 2 Manager</i> UNM FM	2425 Camino De Salud N.E. (Bldg. 211) Albuquerque, NM 87131	Office: (505) 272-9002 Cell: (505) 252-8459
Steven Dussart, <i>FM Area 3 Manager</i> UNM FM	302 Cornell Dr. N.E. (Bldg. 56) Albuquerque, NM 87131	Office: (505) 277-6798 Cell: (505) 362-3932
Joseph Lopez, <i>FM Area 4 Manager</i> UNM FM	201 Terrace St. N.E. (Bldg. 2) Albuquerque, NM 87131	Office: (505) 277-3777 Cell: (505) 321-5619
UNM Emergency Response Contractors		
Advanced Environmental Solutions	2318 Roldan Drive, Belen, NM 87002	(505) 861-1700 Dial 7
Advanced Chemical Transport	6137 Edith Blvd NE, Albuquerque, NM 87107	(505) 998-4300
Clean Harbors	2720 Girard Blvd NE, Albuquerque, NM 87107	(505) 884-2277

19. APPENDIX B: SPILL RESPONSE CHECKLIST

If leaks or spills are observed, employees should take the following emergency actions:

- Ensure safety of personnel in area.
- Eliminate sources of ignition if spill is flammable.
- Stop flow at the source, if safe to do so.
- Notify supervisor, EHS, and designated emergency responder of the spill.
- Contain spill if safe to do so.
 - Small spills can be cleaned up using a nearby spill kit
 - Utilize items from the spill kit (e.g., pads or absorbent material)
 - Contain spill to prevent migration to water bodies, wastewater drains, storm drains, and/or soils.
 - For large volume spills, UNM EHS will contact an emergency response contractor. Otherwise, EHS will manage the spill.
- Assist with spill response as directed.

20. APPENDIX C: SPILL NOTIFICATION REPORT FORMS

(see next page)

20.1 UNM – SPILL RESPONSE INCIDENT FORM

Report *all* incidents to NMED here:

- <https://www.env.nm.gov/general/report-an-environmental-issue-or-incident/>.

If a *regulated* Petroleum Storage Tank (PST) is involved, report the incident to (1) EHS and (2) the NMED Petroleum Storage Tank Bureau here:

- https://www.env.nm.gov/petroleum_storage_tank/leaks-spills-and-incident-reports/.

Once this form is complete, file it to the SPCC folder on the EHS S-Drive for permanent retention.

Date and Time of Spill or Discovery		
Previous 48-Hour Rainfall Total (in)		
Current and Forecasted Weather Conditions		
Contact Info of Initial Reporter		
	Name	
	Phone #	
Duration of Incident		
Location of Spill		
Type of Material Spilled		
Estimated Quantity of Spilled Material		
Condition of Spilled Material		
Source of Spill		
Cause of Spill		
Affected Media		
Damages or Injuries		
Known or Anticipated Human Health Risks		
Known or Anticipated Risks (Hazards, Vulnerabilities, & Exposures)		
Evacuation required?		
Evacuation Details		
Incident Commander Name		
Other Spill Response Personnel		
List Individuals and Organization Notified		
Incident reported to NMED?		
Description of Remedial Actions Taken or In Process		
How are the spilled and cleanup materials disposed?		
Spill Response Supplies Requiring Replenishment		
Other Relevant Information		
Is the <i>After-Action Review</i> complete?		
Enclosures/Figures		

20.2 NMED PSTB – INITIAL INCIDENT REPORT FORM

Facility ID	
Release ID	
AI ID	
Owner ID	

Contact Information County: _____ District: _____ Date Received: _____

Caller's Name: _____ Phone: _____

Facility Name: _____

Facility Physical Address: _____ City, Zip: _____

Owner Information

Responsible Tank Owner: _____ Phone: _____

Address: _____ City: _____ State: New Mexico Zip: _____

Contact Person: _____ Phone: _____ E-mail: _____

Release Information

Leaking tank type? UST _____ AST _____ Both _____ Unknown _____

Release Confirmed _____ Suspected _____ Cause of release: _____

Reason for suspecting release: _____

Date, time of release: _____ Duration: _____ Volume released: _____

Product lost: Unleaded gas _____ Leaded gas _____ Diesel _____ Waste oil _____ Avgas _____ Jet fuel _____

TCE _____ Kerosene _____ Unknown _____ Other, describe: _____ Has further release been prevented? _____

Describe: _____

Fire authorities been notified? _____ Name: _____ Phone: _____ Has P/I Inspector informed responsible party of its immediate responsibilities? _____

Contaminant saturated soils present? _____ Describe any removal: _____

Hydro-geological Information

Depth to groundwater: _____ Direction of GW flow: _____ Surface waters endangered? _____

Actual/Possible Impacts

Well locations, depths, types: _____

Utility corridors: _____

Vapors in buildings: _____

Source Information - Where did the release come from?

__ Tank __ Piping __ Dispenser __ Submersible Turbine Pump Area __ Delivery Problem

__ Flex Connector __ Other (specify): _____

(Please provide as much information as possible about the probable source(s) of the release.)

Facility ID Number or Name: _____ Date of Release: _____

(Additional comments on source of release, if needed.)

Cause Information - Why did the release occur?

Spill Overfill Corrosion Physical or Mechanical Damage Installation Problem

Other (specify): _____

(Please provide as much information as possible about the cause(s) of the release.)

Unknown (**If cause and source of release is not known, please state why below:**)

Assignment Information

Report received by: _____ Date: _____ Phone: _____

Assigned to: _____ Date: _____ Phone: _____

21. APPENDIX D: UNM SPILL RESPONSE MATERIALS

21.1 OVERVIEW

The current EHS inventory of spill response supplies is adequate to support current Spill Response Team operations. However, this supply is in one area of campus and is only accessible to EHS personnel, leaving other staff (i.e., Facilities Management, Utilities) without supplies in an emergency. Accordingly, this appendix demonstrates EHS's efforts to expand on the current supply to protect environmental health and ensure compliance with SPCC rules.

To achieve that goal, EHS procured and sited spill kits at strategic locations across campus near high-risk tanks and nearby tanks that are congregated close to one another. The selection of spill kit locations is based on geographic convenience, accessibility, and each tank's risk. Geographic convenience is the ability of UNM personnel (e.g., FM or Utilities staff) to find, retrieve, and deploy a spill kit should it be needed. Accessibility concerns factors such as key-card or key access to various buildings and rooms. Furthermore, each tank's inherent risk factors (e.g., quantity of regulated substance stored onsite, number of tanks in the area) determine some siting locations.

Spill Kit locations are accessible in

APPENDIX J: MAPS OF CAMPUS, DRAINAGE, TANK LOCATIONS, & SPILL KITS.

Kits are permanently located in areas that are accessible to various staff so they can promptly respond to a spill, triage the situation, and control it until EHS, the Spill Response Team, or a spill-response contractor arrives. These kits can also serve as an extra, easily accessible supply for response personnel without needing to travel to EHS if needed while near remote locations.

21.2 SPILL KIT MAINTENANCE PLAN

Spill kits will be inspected and inventoried annually by the SPCC Plan administrator, using a version of the [SAMPLE SPILL KIT INSPECTION FORM](#) in Section 21.4. As supplies are consumed, they will be replenished to their original inventory. If a spill kit is used, either the entire unit or individual supplies will be replenished according to need or for any of the following conditions:

- Spill kit is nearing its expiration date.
- Spill kit contents are missing.
- Spill kit is missing from its assigned staging or storage location.

21.3 TYPES OF SPILL EQUIPMENT

The contents of a spill kit vary depending upon the type of material that may spill and the potential size of a spill. The kits placed around campus, as mentioned above, include:

- Thirty-five-gallon drums,

- Heavy-duty trash bag rolls,
- Zip-Ties,
- Pig Mats,
- Pig Socks,
- Gloves,
- Instructions, &
- Signs.

Generally, the following types of spill response equipment are available at EHS:

- Personal Protective Equipment (PPE) or protective clothing.
- Spill kits (both small and large, see details below), including overpack drums and various forms of absorbent.
- Equipment and tools to stop leaks.

UNM maintains an adequate inventory of spill response materials in the form of spill kits that include absorbent material and other portable barriers. A spill kit inventory is maintained listing contents of each kit, where the kit is stored, date of kit expiration, and the date of last inspection.

21.3.1 SMALL SPILL KITS

Small spill kits contain, at a minimum, the following:

- Gloves
- Sorbent
- A container to collect and store the clean-up material (e.g., 5-gallon plastic bucket)

The kit may also contain a whisk broom, a dustpan, and a heavy-duty plastic bag to line the collection container. The kit is clearly labeled, and the cover placed securely on top to keep the contents dry and clean.

21.3.2 LARGE SPILL KITS

Large spill kits contain, at a minimum, the following:

- Protective clothing for two people. Larger spills should be cleaned up by at least two people.
 - Protective clothing may include coveralls or a Tyvec® suit, gloves, boot covers, goggles or safety glasses and duct tape. Use common sense to determine the level of danger and if outside assistance is needed.
- Sorbent
 - A sufficient number, type and size of sorbents should be available to clean up the size of spill that is likely to occur.
- Over-pack or disposal drum (e.g., 55-gallon steel drum, 20-gallon polyethylene container)
 - The larger containers may be used to hold sorbents after they have soaked up the oil. All the PPE and spill clean-up materials may be stored in the large container until needed.

21.3.3 ADDITIONAL SPILL RESPONSE EQUIPMENT

Spill response equipment in the spill materials storage area of EHS includes, but are not limited to:

- Ford F350 Box Truck w/liftgate
- 3 x 25gallon self-contained spill kits (Uline & Grainger brand)
- Multiple absorbent socks/waddles
- Multiple cases of absorbent pads
- One pallet of granulated absorbent
- Non-sparking shovels, push broom, scrub brushes, buckets
- Various surfactants and cleaners in bulk quantities (5-gallon containers)
- Traffic cones and delineators
- 4-gas meter (detects LEL, CO, O2 & H2S)

- Jerome meter (detects mercury vapor)
- All team members have full-face respirators and Tyvek suits

Note: The above listed materials are maintained by UNM EHS to respond to spills across the UNM Albuquerque campus and for refilling of spill kits maintained across the campus

22. APPENDIX E: SPILL HISTORY LOG

Briefly summarize the spill incident below and attach associated documentation of the incident to maintain with the SPCC Plan.

Date (MM/DD/YY YY)	Location (as indicated on site map)	Spill/Leak Description				Response Procedures and Approximate Quantity Recovered	Preventative Measures Taken
		Type of Material	Quantity	Source (if known)	Reason		

23. APPENDIX F: TANK INSPECTION CHECKLISTS

23.1 DAILY INSPECTION CHECKLIST

Tank ID:	Week Starting: / / 20							Remarks/Corrective Actions:
Task:	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	Initials:	Initials:	Initials:	Initials:	Initials:	Initials:	Initials:	
Is there any evidence of a release from the tank? This includes evidence of liquid in the interstitial space (for double-walled tanks) and visible signs of leakage around the tank, concrete pad, containment area, or ground.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Is there any evidence of cracks, corrosion, leaks, discoloration, or damage on the tank, tank coating, piping, foundation, drainage, or tank supports?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Are there any obstructions or restrictions to the normal and emergency vents that prevent normal function?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Is there a clear path to the tank and containment area?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Does the area around the tank contain debris or unrelated flammable materials? Are there any conditions that may be a fire or safety hazard, or pose an environmental hazard?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Are all drain valves secured in the closed position when not in use and all tank openings properly sealed? Are the piping connections tight and aligned?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Is there any maintenance required based on visual inspection?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Additional Comments:								

23.2 MONTHLY INSPECTION CHECKLIST

(Based on Steel Tank Institute SP-001 Standard)

General Inspection Information:

Inspection Date:	Retain Until Date (36 months from inspection date):
Prior Inspection Date:	Inspector Name:
Tanks Inspected (ID #'s):	

Inspection Guidance:

- (A) For equipment not included in this Standard, follow the manufacturer recommended inspection/testing schedules and procedures.
- (B) The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector who is familiar with the site and can identify changes and developing problems.
- (C) Upon discovery of water in the primary tank, secondary containment area, interstice, or spill container, remove promptly or take other corrective action. Before discharge to the environment, inspect the liquid for regulated products or other contaminants and disposed of it properly.
- (D) "*" designates an item in a non-conformance status. This indicates that action is required to address a problem.
- (E) Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.
- (F) Retain the completed checklists for 36 months.
- (G) **In the event of severe weather (snow, ice, windstorms) or maintenance (such as painting) that could affect the operation of critical components (normal and emergency vents, valves), an inspection of these components is required as soon as the equipment is safely accessible after the event.**

Item	Task	Status	Comments
1.0 Tank Containment			
1.1 Containment Structure	Check for water, debris, cracks or fire hazard	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
1.2 Primary Tank	Check for water	<input type="checkbox"/> Yes* <input type="checkbox"/> No	
1.3 Containment Drain Valves	Operable and in a closed position	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	

Item	Task	Status	Comments
1.4 Pathways & Entry	Clear and gates/doors operable	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
1.5 Containment Areas	Standing water in containment	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	Debris or fire hazard in containment	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	Drain Valves secured in a closed position	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
2.0 Leak Detection			
2.1 Tank	Visible signs of leakage	<input type="checkbox"/> Yes* <input type="checkbox"/> No	
2.2 Secondary Containment	Visible signs of leakage from tank into secondary containment	<input type="checkbox"/> Yes* <input type="checkbox"/> No	
2.3 Surrounding Soil	Visible signs of leakage	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
2.4 Interstice	Visible signs of leakage	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
3.0 Tank Equipment			
3.1 Valves	a. Check for leaks.	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
	b. Tank drain valves must be kept locked.	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
3.2 Spill Containment Boxes On Fill Pipe	a. Inspect for debris, residue, and water in the box and remove.	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
	b. Drain valves must be operable and closed.	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
3.3 Liquid Level Equipment	a. Both visual and mechanical devices must be inspected for physical damage.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	b. Check that the device is easily readable	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	

Item	Task	Status	Comments
3.4 Overfill Equipment	a. If equipped with a "test" button, activate the audible horn or light to confirm operation. This could be battery powered. Replace the battery if needed	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	b. If overfill valve is equipped with a mechanical test mechanism, actuate the mechanism to confirm operation.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
3.5 Piping Connections	Check for leaks, corrosion, and damage	<input type="checkbox"/> Yes* <input type="checkbox"/> No	
4.0 Tank Attachments and Appurtenances			
4.1 Ladder and Platform Structure	Secure with no sign of severe corrosion or damage?	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.0 Other Conditions			
5.1 Safety Precautions	Safety equipment in place and operative	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	Fire extinguishers in place	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	Safety precautions posted	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	Tank system secured to prevent vandalism and unauthorized use	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.2	Are there other conditions that should be addressed for continued safe operation or that may affect the site spill prevention plan?	<input type="checkbox"/> Yes* <input type="checkbox"/> No	
Additional Comments:			

23.3 ANNUAL INSPECTION CHECKLIST

(Based on Steel Tank Institute SP-001 Standard)

General Inspection Information:

Inspection Date:	Retain Until Date (36 months from inspection date):
Prior Inspection Date:	Inspector Name:
Tanks Inspected (ID #'s):	

Inspection Guidance:

- (A) For equipment not included in this Standard, follow the manufacturer recommended inspection/testing schedules and procedures.
- (B) The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector who is familiar with the site and can identify changes and developing problems.
- (C) Remove promptly upon discovery standing water or liquid in the primary tank, secondary containment area, interstice, or spill container. Before discharge to the environment, inspect the liquid for regulated products or other contaminants and disposed of it properly.
- (D) To comply with EPA SPCC (Spill Prevention, Control and Countermeasure) rules, a facility must regularly test liquid level sensing devices to ensure proper operation (40 CFR 112.8(c)(8)(v)).
- (E) (*) designates an item in a non-conformance status. This indicates that action is required to address a problem.
- (F) Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.
- (G) Retain the completed checklists for 36 months.
- (H) Complete this checklist on an annual basis supplemental to the owner's monthly performed inspection checklists.
- (I) **Note: If a change has occurred to the tank system or containment that may affect the SPCC plan, the condition should be evaluated against the current plan requirement by a Professional Engineer knowledgeable in SPCC development and implementation.**

Item	Task	Status	Comments
1.0 Tank Containment			
1.1 Containment structure	Check for: <ul style="list-style-type: none"> • Holes or cracks in containment wall or floor • Washout • Liner degradation • Corrosion • Leakage • Paint failure • Tank settling 	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	

Item	Task	Status	Comments
2.0 Tank Foundation and Supports			
2.1 Foundation	Settlement or foundation washout?	<input type="checkbox"/> Yes* <input type="checkbox"/> No	
2.2 Concrete pad or ring wall	Cracking or spalling?	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
2.3 Supports	Check for corrosion, paint failure, etc.	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
2.4 Water drainage	Water drains away from tank?	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
2.5 Tank grounding	Strap secured and in good condition?	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
3.0 Cathodic Protection			
3.1 Galvanic cathodic protection system	Confirm system is functional, includes the wire connections for galvanic systems	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
3.2 Impressed current system	a. Inspect the operational components (power switch, meters, and alarms).	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	b. Record hour meter, ammeter, and voltmeter readings.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
4.0 Tank Shell, Heads, Roof			
4.1 Coating	Check for coating failure	<input type="checkbox"/> Yes* <input type="checkbox"/> No	
4.2 Steel condition	Check for: <ul style="list-style-type: none"> • Dents • Buckling • Bulging • Corrosion • Cracking 	<input type="checkbox"/> Yes* <input type="checkbox"/> No	
4.3 Roof slope	Check for low points and standing water	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
5.0 Tank Equipment			
5.1 Vents	Verify that components are moving freely and vent passageways are not obstructed for: <ul style="list-style-type: none"> • Emergency vent covers • Pressure/vacuum vent poppets • Other moving vent components 	<input type="checkbox"/> Yes* <input type="checkbox"/> No	

Item	Task	Status	Comments
5.2 Valves	Check the condition of all valves for leaks, corrosion and damage.	<input type="checkbox"/> Yes* <input type="checkbox"/> No	
5.2.1 Anti-siphon, check and gate valves	Cycle the valve open and closed and check for proper operation.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.2.2 Pressure regulator valve	Check for proper operation. (Note that there may be small, 1/4 inch drain plugs in the bottom of the valve that are not visible by looking from above only)	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.2.3 Expansion relief valve	Check that the valve is in the proper orientation. (Note that fuel must be discharged back to the tank via a separate pipe or tubing.)	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.2.4 Solenoid valves	Cycle power to valve to check operation. (Electrical solenoids can be verified by listening to the plunger opening and closing. If no audible confirmation, the valve should be inspected for the presence and operation of the plunger.)	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.2.5 Fire and shear valves	a. Manually cycle the valve to ensure components are moving freely and that the valve handle or lever has clearance to allow valve to close completely.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	b. Valves must not be wired in open position.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	c. Make sure fusible element is in place and correctly positioned.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	d. Be sure test ports are sealed with plug after testing is complete and no temporary test fixture or component remains connected to valve.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	

Item	Task	Status	Comments
5.3 Interstitial leak detection equipment	Check condition of equipment, including: <ul style="list-style-type: none"> • The window is clean and clear in sight leak gauges. • The wire connections of electronic gauges for tightness and corrosion • Activate the test button, if applicable. 	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.4 Spill containment boxes on fill pipe	a. If corrosion, damage, or wear has compromised the ability of the unit to perform spill containment functions, replace the unit.	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
	b. Inspect the connections to the AST for tightness, as well as the bolts, nuts, washers for condition and replace if necessary.	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
	c. Drain valves must be operable and closed	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
5.5 Strainer	a. Check that the strainer is clean and in good condition.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.5 Strainer	b. Access strainer basket and check cap and gasket seal as well as bolts.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.6 Filter	a. Check that the filter is in good condition and is within the manufacturer's expected service life. Replace, if necessary.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	b. Check for leaks and decreased fuel flow	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.7 Flame arrestors	Follow manufacturer's instructions. Check for corrosion and blockage of air passages.	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
5.8 Leak detector for submersible pump systems	Test according to manufacturer's instructions and authority having jurisdiction (AHJ). Verify leak detectors are suited and properly installed for aboveground use.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.9 Liquid level equipment	a. Has equipment been tested to ensure proper operation?	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	

Item	Task	Status	Comments
	b. Does equipment operate as required?	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	c. Follow manufacturer's instructions	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
5.10 Overfill equipment	a. Follow manufacturer's instructions and regulatory requirements for inspection and functionality verification.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
	b. Confirm device is suited for above ground use by the manufacturer	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
6.0 Insulated Tanks			
6.1 Insulation	Check condition of insulation for: •Missing sections •Areas of moisture •Mold •Damage	<input type="checkbox"/> Yes* <input type="checkbox"/> No <input type="checkbox"/> N/A	
6.2 Insulation cover or jacket	Check for damage that will allow water intrusion	<input type="checkbox"/> Yes* No <input type="checkbox"/> N/A	
7.0 Miscellaneous			
7.1 Electrical wiring and boxes	Are they in good condition?	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
7.2 Labels and tags	Ensure that all labels and tags are intact and readable.	<input type="checkbox"/> Yes <input type="checkbox"/> No* <input type="checkbox"/> N/A	
Additional Comments:			

24. APPENDIX G: FUEL OIL TRANSFER PROCEDURES

24.1 PRIOR TO FUEL UNLOADING

STAGE 1:

1. Turn off cell phone(s).
2. Stage spill kit in area and protect floor drains with covers or socks.
3. Secure tanker (hock wheels) and use interlocks.
4. Ensure parking brakes are set.
5. Establish adequate bonding/grounding prior to connecting to the fuel transfer point.
6. Check hoses for leaks and wet spots.
7. Verify proper alignment of valves and proper functioning of the pumping system.
8. Gauge tank to ensure adequate space is available for load.

24.2 DURING FUEL UNLOADING

STAGE 2:

9. Shut off the engine when making connection.
10. Ensure transfer hose to the Tank fill port is protected from damage from parking lot traffic.
11. Driver must always stay with the vehicle during transfer.
12. Periodically inspect all systems, hoses, and connections.
13. When loading, keep the internal and external valves on the receiving tank open along with the pressure relief valves.
14. Monitor the liquid level in the receiving tank to prevent overflow.
15. Monitor flow meters to determine rate of flow.

24.3 AFTER FUEL UNLOADING

STAGE 3:

16. Make sure the transfer is complete.
17. Close all tank and loading valves.
18. Close all internal, external, and dome cover valves; secure hatches.
19. Drain hoses before moving them away from the connection. Use a drip pan.
20. Cap the end of the hose after draining to prevent spillage.
21. Disconnect grounding/bonding wires.
22. Remove wheel chocks and interlocks.
23. Inspect the lowermost drain and all outlets on tanker prior to departure.
24. Tighten, adjust, or replace caps, valves, or other equipment to prevent fuel from leaking while in transit.
25. Return supplies to spill kit.

25. APPENDIX H: OFOE OIL SPILL CONTINGENCY PLAN

The Oil-Filled Operational Equipment (OFOE) at UNM is considered qualified equipment per the criteria in 112.7(k). This Oil Spill Contingency Plan, following the provisions of 40 CRF 109, serves as a contingency plan for a potential release of oil from those pieces of equipment.

25.1 AUTHORITIES, RESPONSIBILITIES, AND DUTIES

The UNM Facility Contacts (listed in [APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE](#)) are responsible for responding to an oil spill and notifying the authorities, as described in Section 5.5 of this plan. Due to the size and number of OFOE at the Facility, it is extremely unlikely that cleanup from a spill will involve regional, state, or national resources. Notification of the appropriate authorities, including the National Response Team, would allow for proper coordination to take place if this were necessary.

25.2 NOTIFICATION

Notification procedures are discussed in Section 5.5.2 of this SPCC Plan. Established notification procedures ensure early detection and timely notification of an oil discharge.

25.2.1 CRITICAL WATER USE

Due to the size and location of qualified OFOE, it is extremely unlikely that oil could reach the closest waterway. Any release escaping the closed reservoir rooms would flow into the basement and may reach drains leading to the sewer system. If waters are contaminated, potential users of this water shall be notified through coordination with local authorities.

25.2.2 NOTIFICATION CONTACT LIST

The contact information is listed in [APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE](#).

25.2.3 COMMUNICATION SYSTEM

Notifications shall be made by phone, email, or EHS's [Accident, Incident & Spill Reporting Web-Based Tool](#), either using employee cell phones or phones available in the Facility's offices.

25.2.4 MAJOR DISASTERS

Due to the size and number of qualified OFOE at the Facility, it is extremely unlikely that cleanup from a spill will be considered a major disaster or will exceed the local response capability.

25.3 DISCHARGE RESPONSE RESOURCES

Response resources are available on-site and through response contractors.

25.3.1 RESPONSE RESOURCES AVAILABLE

Response resources available on-site in spill kits are sufficient to contain and respond to the most likely spill volume from the on-site qualified OFOE. Spill kits include absorbent material, oil booms, and pads. Response contractors listed in [APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE](#) have response equipment sufficient to contain the worst-case discharge from the applicable equipment at the Facility.

25.3.2 RESPONSE RESOURCES REQUIRED

The maximum oil discharge to be anticipated would be from the large 275-gallon hydraulic lift or from the up to 120-gallon elevator reservoirs. These reservoirs are located indoors and completely protected from vehicular traffic. The maximum oil discharge to be anticipated is therefore a gradual discharge of no more than one quarter

of the capacity of the container. This would require the use of a maximum of approximately two booms, 7 socks, 10 pillows, 1 rolls of mat, and 2 bales of mat pads for recovery.

25.3.3 PRE-RELEASE PLANNING

Spill response contractors for the facility are listed in APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE and are contracted to provide equipment, materials, and supplies in the case of a discharge.

25.4 IMMEDIATE ACTIONS

25.4.1 RESPONSE OPERATING TEAM

The facility personnel, listed in Section 5.5.2 of this SPCC Plan, are trained, prepared, and available to respond to an oil discharge.

25.4.2 RESPONSE COORDINATOR

UNM's EHS, as listed in APPENDIX A: CONTACT INFORMATION FOR REPORTING AN OIL RELEASE, is responsible for notifications to regulatory authorities and may coordinate with federal authorities, as necessary.

25.4.3 COMMAND CENTER AND COMMUNICATION

The UNM EHS office shall be used as an oil discharge response operations center in the case of a spill. The Office is furnished with telephones that may be used for notification and coordination.

25.4.4 DISCHARGE SEVERITY

Due to the size of the qualified OFOE at the Facility, the most likely spill from the OFOE will require a response effort limited to facility personnel and use of on-site response equipment. If the discharge volume exceeds the capacity of on-site response equipment, a response contractor will be contacted.

25.4.5 WATER USE PRIORITIZATION

Due to the size of the qualified OFOE at the Facility, more than one water use will not be threatened by an oil discharge at once. The priority will be to prevent the spread of an oil discharge to any water way.

25.5 DAMAGE RECOVERY AND ENFORCEMENT MEASURES

Damage recovery shall be coordinated by the EHS Spill Response Coordinator. Any enforcement measures shall be addressed at the Facility following the same procedures used to address corrective actions identified during facility inspections, discussed in Section 9 of the SPCC Plan.

26. APPENDIX I: PHOTOGRAPH LOG

Photos collected by EA Engineering, Science, and Technology, Inc., PBC during a site visit performed on May 23-25, 2022.



Castetter Hall – Hydraulic Elevator #3: 120-gallon, hydraulic oil reservoir (24 May 2022).



Castetter Hall – Hydraulic Elevator #2: 120-gallon, hydraulic oil reservoir (24 May 2022).



Castetter Hall – 21-AST-1, 1,075-gallon diesel emergency generator tank (24 May 2022).



Centennial Sciences and Engineering Library – 46-AST-1, 132-gallon diesel emergency generator tank (24 May 2022).



Centennial Sciences and Engineering Library – 46-AST-BACKUP, 79-gallon portable generator tank (24 May 2022).



Economics Hall – 57-AST-1, 140-gallon diesel emergency generator tank (24 May 2022).



Student Union Building – 60-AST-1 250-gallon diesel emergency generator tank (24 May 2022).



Student Union Building – 60-AST-2 150-gallon cooking grease tank (24 May 2022).



Student Union Building - 120-gallon, hydraulic oil reservoir #2 (24 May 2022).



Popejoy Hall – 62-AST-1, 660-gallon diesel emergency generator tank (photo dated 24 May 2022).



Centennial Engineering Center – 112-AST-1, 660-gallon emergency generator tank (25 May 2022).



Centennial Engineering Center – 112-AST-1, pump set with audible alarm (25 May 2022).



Mechanical Engineering – 122-AST-1 132-gallon diesel emergency generator tank (25 May 2022).



Information Technologies Building – 153-AST-1, 850-gallon diesel emergency generator tank (25 May 2022).



Lomas Chiller Plant – 194-AST-1 250-gallon, waste oil tank (25 May 2022).



Lomas Chiller Plant – 194-AST-1 147-gallon, emergency generator tank (photo dated 25 May 2022).



Research Incubator Building – 205-AST-1,
750-gallon emergency generator tank (24 May 2022).



Automotive Center – 20-gallon spill kit (23 May 2022).



Automotive Center – 216-AST-1A/1B 5,170-gallon vaulted compartment tank (23 May 2022).



Clinical and Translational Science Center – 227-AST-1, 550-gallon emergency generator tank (24 May 2022).



Nursing and Pharmacy – 228-AST-1, 648-gallon, stilted emergency generator tank (23 May 2022).



Biological Research Facility and Cancer Research Facility (BRF-CRF) – 229-AST-1, 2,019-gallon diesel supply tank (24 May 2022).



Cancer Research Facility – Veeder-Root Automatic Tank Gauge system (24 May 2022).



EHS (233) – Spill response equipment storage (23 May 2022).



EHS (233) – Spill response equipment storage (23 May 2022).



Health Sciences Library and Informatics Center – 234-AST-1, 50-gallon emergency generator tank (24 May 2022).



Family Practice Building – 248-AST-1, 76-gallon, emergency generator tank (24 May 2022).



Family Practice Building – Hydraulic elevator machine room with two (2) 120-gallon reservoirs (photo dated 24 May 2022).



OMI Refrigeration trucks – ~10-gallon portable tanks (24 May 2022).



Innovation Discovery Training Complex – 289-AST-1, 500-gallon emergency generator tank (24 May 2022).



The Pit (University Arena) – 302-AST-1, 2,635-gallon emergency generator tank (23 May 2022)



South Golf Course Maintenance Building – 304-AST-1A/1B, 5,000-gallon compartmented supply tank (24 May 2022).



Sandia Crest KNME Transmitter – SC-AST-1, 1,500-gallon, generator supply tank (25 May 2022).



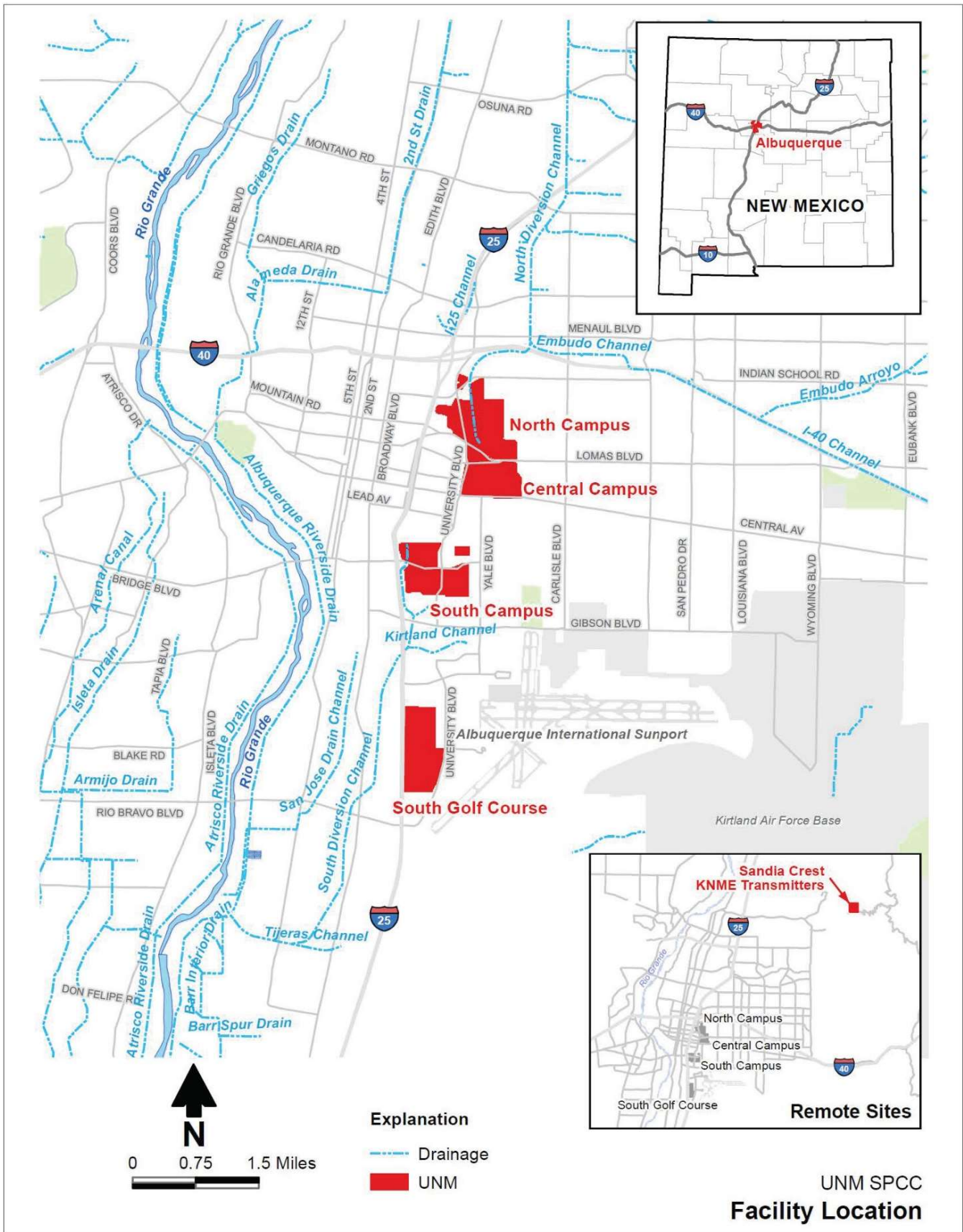
Sandia Crest KNME Transmitter – Veeder-Root Automatic Tank Gauge system (photo dated 25 May 2022).

27. APPENDIX J: MAPS OF CAMPUS, DRAINAGE, TANK LOCATIONS, & SPILL KITS

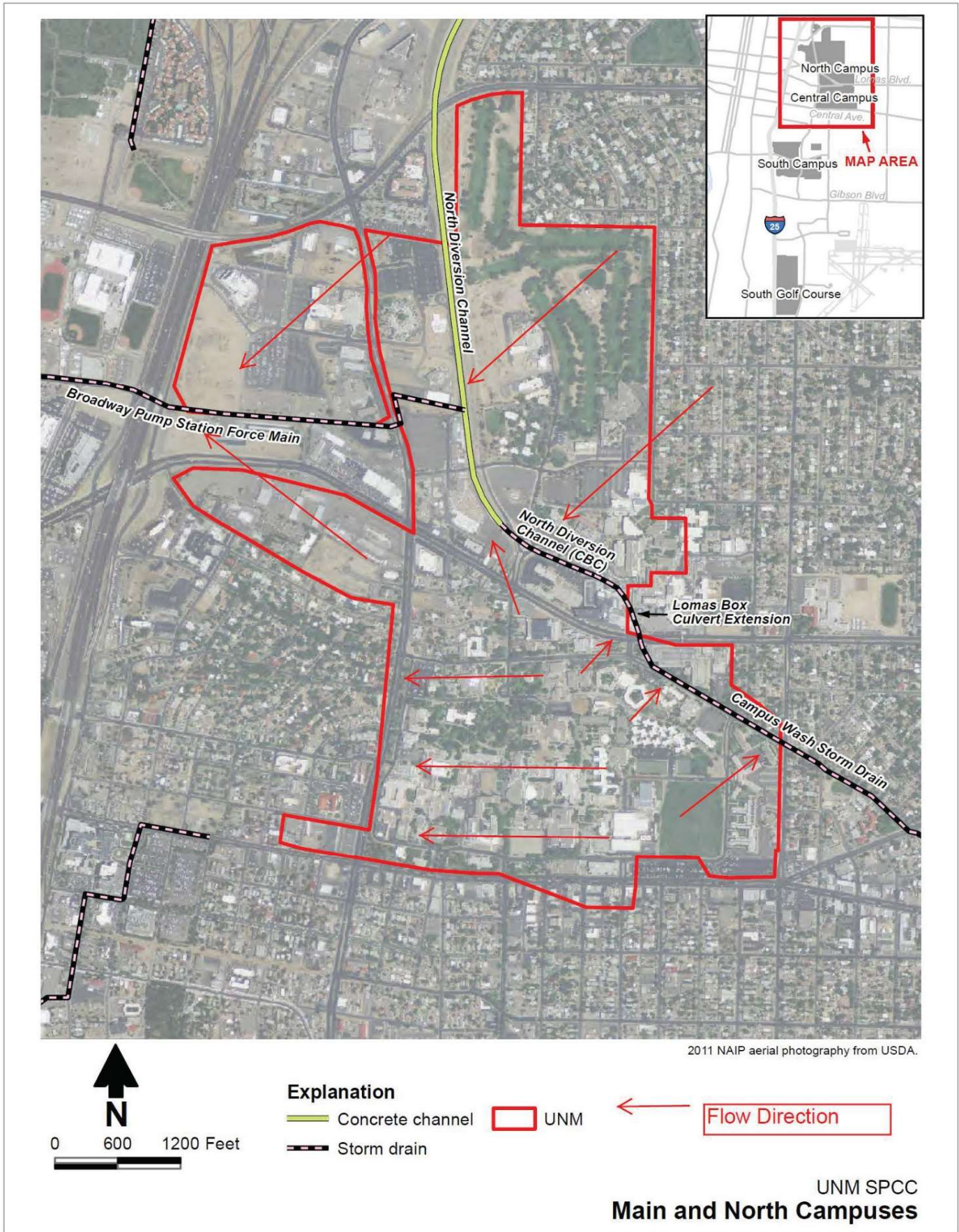
The maps on the following pages are provided for point-in-time reference only. To review the new interactive GIS tool, which displays an online map containing the most up to date information, visit this website:

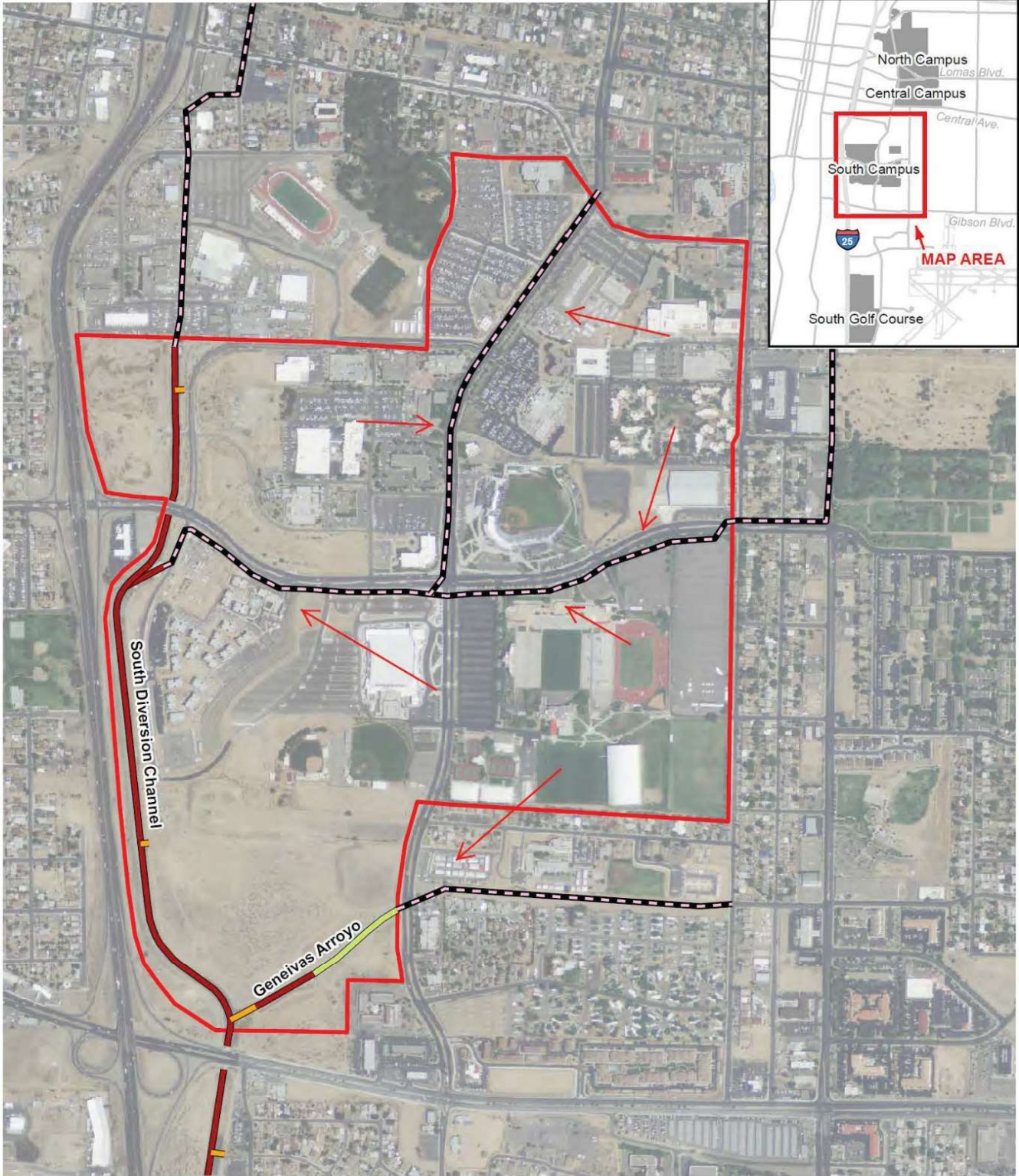
- <https://univofnm.maps.arcgis.com/apps/instant/sidebar/index.html?appid=5d32b3dceb6a4433a11a01147df0f2ce&locale=en-US>

27.1 UNM ALBUQUERQUE CAMPUS MAP



27.2 CAMPUS DRAINAGE (I.E., CONVEYANCE) MAPS





2011 NAIP aerial photography from USDA.



0 500 1000 Feet

Explanation

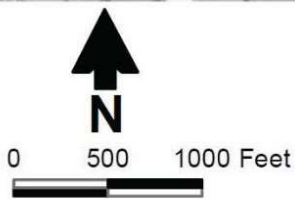
- Riprap-lined/earthen channel
- Concrete channel
- Inlet
- Storm drain
- UNM
- Flow Direction

UNM SPCC
South Campus









2011 NAIP aerial photography from USDA.



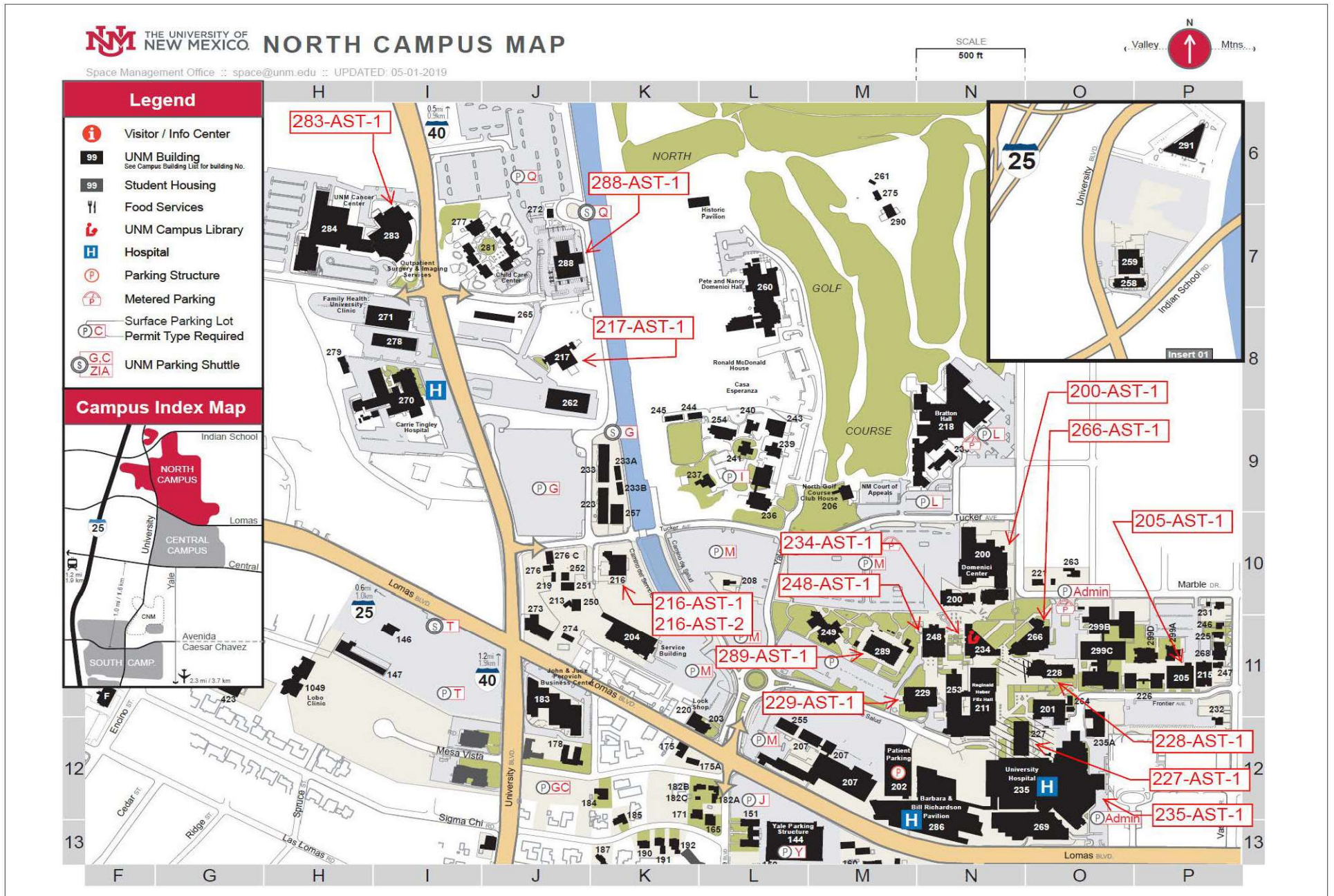
Explanation

-  Riprap-lined/earthen channel
-  Unlined arroyo
-  Inlet
-  UNM

 Flow Direction

UNM SPCC
South Golf Course

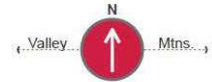
27.3 OIL TANK LOCATION MAPS



NM THE UNIVERSITY OF NEW MEXICO CENTRAL CAMPUS MAP

Space Management Office :: space@unm.edu :: UPDATED: 05-1-2019

SCALE
500 ft



- ### Legend
- Visitor / Info Center
 - UNM Building
See Campus Building List for building No.
 - Student Housing
 - Food Services
 - UNM Campus Library
 - Hospital
 - Parking Structure
 - Metered Parking
 - Surface Parking Lot
 - Permit Type Required
 - UNM Parking Shuttle

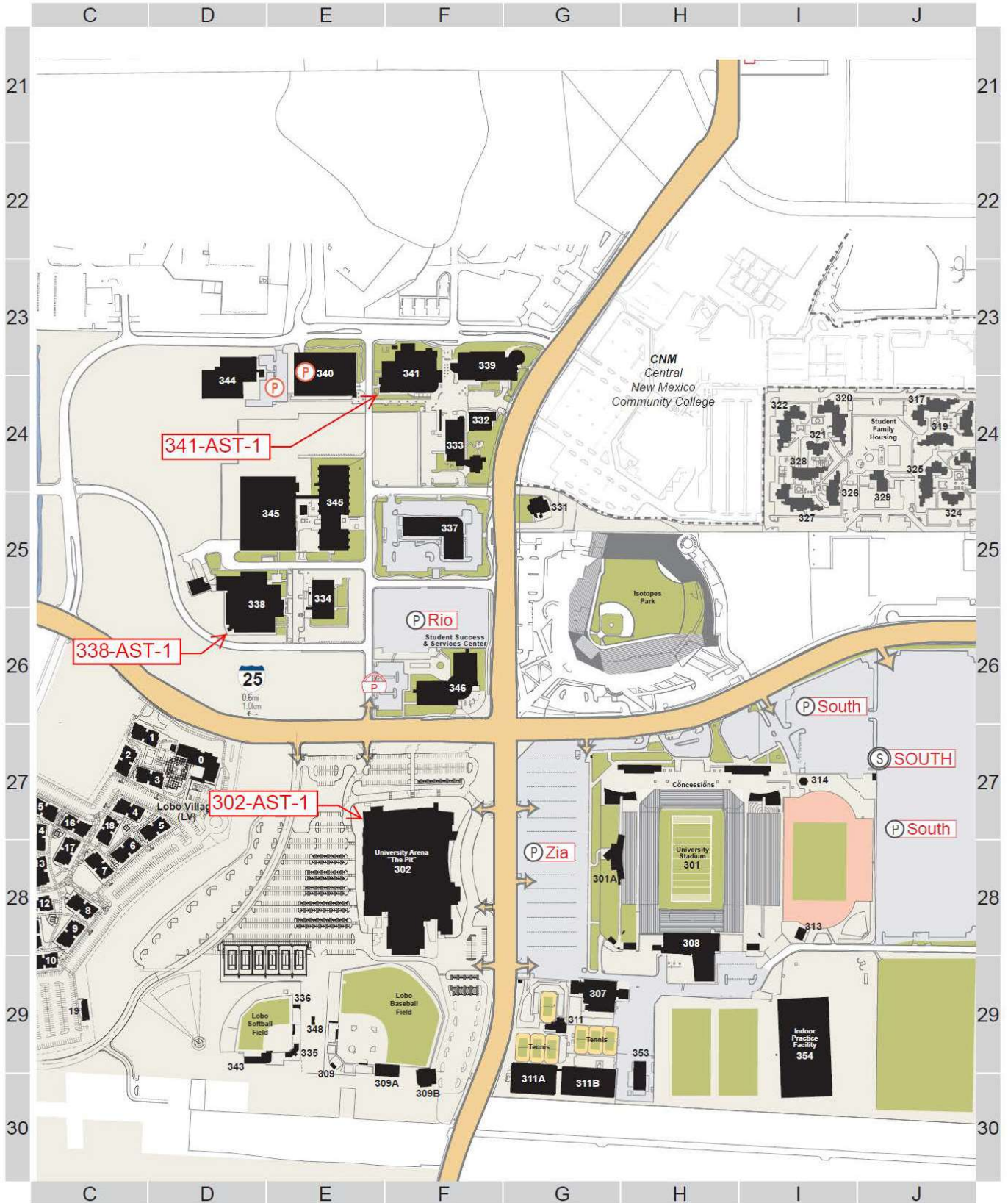
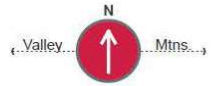
Campus Index Map



NM THE UNIVERSITY OF NEW MEXICO **SOUTH CAMPUS MAP**

Space Management Office :: space@unm.edu :: UPDATED: 05-01-2019

SCALE
500 ft



28. APPENDIX K: DETAILED AMENDMENTS FOR V.2022.A1

As described in Section 2.1, this SPCC Plan underwent its five-year review in September 2022. Upon completing the review, additional findings by EHS prompted another revision. Accordingly, this revision is known as “Version 2022, Amendment 1” or “V.2022.A1” for short and was published in September 2023.

In general, the tank inventory required updates to reflect the recent changes on campus and new discoveries (of applicable tanks) by EHS. Also, a new Spill Kit Plan was implemented to ensure safe operations across UNM’s campuses and remote operating locations. Likewise, training record management details have changed, as has the SPCC Plan’s document design. This appendix details those changes, findings, and plans. As more detailed information becomes available, the Plan and its inventory will be updated to reflect the latest information.

28.1 REMOVED TANKS:

28.1.1 HEALTH SCIENCES AND SERVICES BUILDING (DIESEL UST) [266-UST-1]

HSSB’s UST was decommissioned and removed on 05/10/2023. Accordingly, the UST has been removed from the plan. When a replacement generator and ancillary equipment (e.g., tanks, fuel lines) are installed, this plan will be updated accordingly.

28.1.2 DANE SMITH HALL (DIESEL AST) [48-UST-1]

Dane Smith Hall’s AST was decommissioned and removed on 05/10/2023. Accordingly, the AST has been removed from the plan. When a replacement generator and ancillary equipment (e.g., tanks, fuel lines) are installed, this plan will be updated accordingly.

28.1.3 NORTHROP HALL (DIESEL AST) [24-UST-1]

Northrop Hall’s AST was decommissioned and removed on 05/10/2023. Accordingly, the AST has been removed from the plan. When a replacement generator and ancillary equipment (e.g., tanks, fuel lines) are installed, this plan will be updated accordingly.

28.1.4 NON-UNM TANKS

UNM remains an independent entity overseen by The University of New Mexico Board of Regents. UNM Hospital (UNMH) is yet another separate entity, governed by the UNM Hospital Board of Trustees. The University of New Mexico Board of Regents is a member of the UNM Hospital Board of Trustees. However, this SPCC Plan’s scope only includes UNM (including the Health Science Center [HSC]). Accordingly, UNMH-owned and operated tanks are not within EHS’s authority, nor are UNMH tanks owned or operated by UNM. Therefore, UNMH tanks have been removed from The University of New Mexico Albuquerque Campus SPCC Plan.

28.2 ADDED TANKS

28.2.1 OFOE - TRANSFORMERS & ELEVATORS

A comprehensive list of transformers and elevators have been added to the inventory.

28.2.2 OFOE – FUEL MANAGEMENT CENTER OIL/WATER SEPARATOR

The Fuel Management Center’s Oil/Water Separator has been added to the inventory.

28.2.3 OFOE - FORD UTILITIES CENTER

Ford Utilities Center has two turbines filled with general lubricating oil for operational purposes. This equipment has been added to the inventory.

28.2.4 OFOE – CHAMPIONSHIP GOLF COURSE WATER WELL PUMP

The Championship Golf Course’s water well pump uses five 55-gallons drums worth of oil for general lubricating purposes and these drums have been added to the inventory.

28.2.5 F.O.G. INTERCEPTORS, TRAPS, AND RECYCLING DUMPSTERS

The Pit, Lobo Grill, La Posada, SUB, happy heart BISTRO, Child Care Center Kitchen, and El Oso Café grease (F.O.G.) interceptors and traps were added to the inventory. Additionally, the grease recycling dumpsters (i.e., F.O.G. Recycling Dumpster) at The Pit, the SUB and Lobo Grill were added.

28.2.6 PORTABLE EMERGENCY GENERATORS

UNM’s three portable emergency generators have been added to the inventory.

28.2.7 NORTH GOLF COURSE REFUELING TANK

The refueling tank for the North Golf Course has been added to the inventory.

28.2.8 GROUNDS AND LANDSCAPING DRUMS

Facilities Management’s Grounds and Landscaping division typically has anywhere from one to ten 55-gallon drums filled with general lubricating oil for maintenance purposes. These drums have been added to the inventory.

28.2.9 CHAMPIONSHIP GOLF COURSE (CGC) DRUMS

CGC typically has anywhere from one to ten 55-gallon drums filled with general lubricating oil for maintenance purposes. These drums have been added to the inventory.

28.2.10 FORD UTILITIES CENTER WASTE OIL TANK & DRUMS

Ford Utilities Center has one 55-gallon drum filled with general lubricating oil for maintenance purposes. The facility also has a 500-gallon waste oil tank. These tanks have been added to the inventory.

28.3 DEPLOYMENT OF A NEW SPILL KIT PLAN

A new plan was developed to strategically deploy oil spill kits to assist in emergency operations around campus. See [APPENDIX D: UNM SPILL RESPONSE MATERIALS](#) for details.

28.4 TRAINING RECORDS

Previously, the SPCC Plan stated that training records would be maintained in the SPCC Plan itself. However, EHS finds it unnecessary to add these records to the plan every year, because these records are automatically tracked in-house and are easily retrievable at any time. Instead, the old language was updated in this version of the Plan as such:

Training and attendance records are maintained by EHS using UNM’s primary training software “Learning Central” (<https://learningcentral.unm.edu/>) for a period of at least three (3) years.

28.5 DOCUMENT REDESIGN/REORGANIZATION & AESTHETIC UPDATES

Some updates have been made throughout the SPCC Plan to enhance readability and align aesthetics with UNM's document design standards.

28.6 DEPLOYMENT OF A NEW GEOGRAPHIC INFORMATION SYSTEM (GIS) TOOL

A new GIS tool has been developed to map regulated tanks for enhanced response to an emergency. For details, see APPENDIX J: MAPS OF CAMPUS, DRAINAGE, TANK LOCATIONS, & SPILL KITS or visit the new tool at

- <https://univofnm.maps.arcgis.com/apps/instant/sidebar/index.html?appid=5d32b3dceb6a4433a11a01147df0f2ce&locale=en-US>

29. APPENDIX L: DETAILED INVENTORY OF STORAGE TANKS & OIL-FILLED OPERATIONAL EQUIPMENT (OFOE)

(see next page)

Detailed Inventory of Storage Tanks

Campus	Bldg.	Narrative Location	Latitude	Longitude	Tank ID	Type	Purpose	# of Tanks	Capacity (gal./tank)	Contents	Construction	Secondary Containment	Overflow Protection	Release Detection Method	Security Measures	Year Installed	STI SP001 Cat.	Potential Discharge Event	Max Discharge Volume (gal.)	Max Discharge Rate	Flow Direction	Nearest Spill Kit
Main (Central)	A0004 - Elizabeth Waters Center for Dance at Carlie Gammeterum	CT-71: West of Bldg. #4 Carlie Gym	35.08359465	-106.623002	UT_ELEC_S 2_CT71_W4_L1	OFOE	ABB Transformer: 150KVA 208V/V23	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0010 - Scholes Hall	CT-51: North of Bldg #10 Scholes Hall	35.08536265	-106.623434	UT_ELEC_S 2_CT51_H10_L1	OFOE	Cooper Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0010 - Scholes Hall		35.08545146	-106.623062	FREIGHT ELEV #A_020_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	79 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0011 - Anthropology (Maxwell Museum)	CT-6: East of Bldg. #11 Anthropology	35.08519665	-106.624622	UT_ELEC_S 2_CTS_E11_L1	OFOE	ABB Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0011 - Anthropology (Maxwell Museum)		35.08507191	-106.624861	#1 PASS ELEV #A_021_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	57 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0012 - Anthropology Annex	CT-83: North of Bldg. #12 Anthropology Annex	35.08368565	-106.624306	UT_ELEC_S 2_CT83_N12_L1	OFOE	Powell ESCO Transformer	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0015 - Hibben Center for Archaeology Research		35.08462887	-106.625168	PASS ELEV #A_015_1E2	OFOE	Elevator Freight	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	111 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0015 - Hibben Center for Archaeology Research		35.08462887	-106.625168	PASS ELEV #A_015_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	39 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0015 - Hibben Center for Archaeology Research		35.08462887	-106.625168	PASS ELEV #A_015_1E3	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	112 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0016 - Bandleier Hall West	CT-14: North of Bldg. #16 Bandleier West	35.08463635	-106.624847	UT_ELEC_S 2_CT14_W16_L1	OFOE	ABB Transformer: 500KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0016 - Bandleier Hall West	CT-23: South of Bldg. #16 Bandleier Hall West	35.08443165	-106.624584	UT_ELEC_S 2_CT23_S16_L1	OFOE	Cooper Transformer: 500KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0019 - Biology Annex	CT-72: NW of Bldg. #19 Biology/NHSC	35.08292465	-106.623754	UT_ELEC_S 2_CT72_NW_19_L1	OFOE	ABB Transformer: 150KVA 208V/V22	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0021 - Casletter Hall	Gated Courtyard North of Casletter Hall	35.08213185	-106.6227271	21-AST-1	AST	Emergency Generator	1	1075	Diesel	Steel	Double-walled	Visual Gauge	Visual Inspection	Locked Gate and Panels	Unknown	2	Failure of tank (collapse or puncture below product level); Tank overflow	1075	Gradual to instantaneous	South	Bldg. 4
Main (Central)	A0021 - Casletter Hall		35.082346	-106.622946	#1 NORTH PASS #A_021_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	12 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0021 - Casletter Hall		35.082346	-106.622946	#2 SOUTH PASS #A_021_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	13 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0021 - Casletter Hall		35.082346	-106.622946	#3 PASS ELEV #A_021_1E3	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	14 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0021 - Casletter Hall	CT-3: South of Bldg. #21 Casletter Hall	35.08214665	-106.622559	UT_ELEC_S 2_CT3_S21_L1	OFOE	GE Transformer: 500KVA 208V/V25	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0021 - Casletter Hall	CT-2: West of Bldg. #21 Casletter Hall	35.08236865	-106.623256	UT_ELEC_S 2_CT2_W21_L1	OFOE	Pioneer Transformer: 750KVA 208V/V20	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0021 - Casletter Hall	CT-1: South of Bldg. #21 Casletter Hall	35.08214065	-106.622875	UT_ELEC_S 2_CT1_S21_L1	OFOE	Pioneer Transformer: 750KVA 480V/V30	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0022 - Clark Hall	CT-74: South of Bldg. #22 Clark Hall	35.08323465	-106.623749	UT_ELEC_S 2_CT74_S22_L1	OFOE	Transformer:	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0022 - Clark Hall		35.08349075	-106.6232146	#1 PASS ELEV #A_022_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	21 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0023 - Mitchell Hall	CT-77: Mitchell Hall	35.08415165	-106.623159	UT_ELEC_S 2_CT77_L1	OFOE	ABB Transformer: 225KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0023 - Mitchell Hall		35.08430322	-106.622476	FRT ELEV #A_023_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	62 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0024 - Northrop Hall	CT-73: West of Bldg. #24 Northrop Hall	35.08285565	-106.623009	UT_ELEC_S 2_CT73_W24_L1	OFOE	ABB Transformer: 750KVA 208V/V319	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0024 - Northrop Hall		35.08327796	-106.622782	#1 PASS ELEV #A_024_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	64 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0024 - Northrop Hall	Placeholder: This tank was decommissioned and removed on 05/10/2023. Accordingly, the tank has been removed from the plan. When replacement generators and ancillary equipment (e.g., tanks) are installed, this plan will be updated accordingly.																				
Main (Central)	A0026 - UNM Press & Office of Research	CT-4: NE of Bldg. #26 UNM Press	35.08610065	-106.62432	UT_ELEC_S 2_CT4_NE26_L1	OFOE	Cooper Transformer: 150KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0034 - Logan Hall	CT-75: East of Bldg. #34 Logan Hall	35.08218165	-106.623892	UT_ELEC_S 2_CT75_E34_L1	OFOE	Transformer: 750KVA 208V/V319	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0034 - Logan Hall		35.0821397	-106.624116	#1 PASS ELEV #A_024_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	53 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0035 - Regener Hall		35.08235024	-106.624539	#2 PASS ELEV #A_035_1E2	OFOE	Elevator Freight	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	70 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0035 - Regener Hall		35.08235024	-106.624539	#1 PASS ELEV #A_035_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	69 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0042 - Equal Opportunity Programs	CT-21: North of Bldg. #42 Equal Oppor. Prog.	35.08636465	-106.624314	UT_ELEC_S 2_CT21_N42_L1	OFOE	VanTran Transformer: 500KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)

Main (Central)	A0045 - Electrical and Computer Engineering/Central Library	Locked Wall Confinement near center of Centennial Sciences and Engineering Library	35.08353214	-106.6247203	46-AST-1	AST	Emergency Generator	1	132	Diesel	Steel	Double-walled	Visual Gauge and Sensing Device	Sensing Device	Locked in Wall Confinement	Unknown	1	Broken Valve	132	Gradual	Northwest	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0045 - Electrical and Computer Engineering/Central Library	CT-53: North of Bldg. #46 Elec.&Comp. Eng.	35.08354165	-106.624752	UT_ELEC_S 2_CT53_M46_1T	OFGE	Cooper Transformer: 1000KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0045 - Electrical and Computer Engineering/Central Library	CT-52: Northeast of Bldg. #46 Elec.&Comp. Eng.	35.08340265	-106.624382	UT_ELEC_S 2_CT52_NE4_6T	OFGE	Cooper Transformer: 75KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0045 - Electrical and Computer Engineering/Central Library		35.08307887	-106.6244758	#2 PASS ELEV #A_046_1E2	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	17 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0045 - Electrical and Computer Engineering/Central Library		35.08307887	-106.6244758	#1 PASS ELEV #A_046_1E3	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	18 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0045 - Electrical and Computer Engineering/Central Library		35.08307887	-106.6244758	#1 PASS ELEV #A_046_1E1	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	31 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0045 - Dane Smith Hall		35.08654484	-106.6231561	#1 PASS ELEV #A_046_1E1	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	25 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0048 - Dane Smith Hall	CT-20: South of Bldg. #48 Dane Smith	35.08601765	-106.623521	UT_ELEC_S 2_CT20_S48_1T	OFGE	GEC Abholm Transformer: 750KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0048 - Dane Smith Hall	NOTE: This tank was decommissioned and removed on 05/10/2023. Accordingly, the tank has been removed from the plan. When replacement generators and ancillary equipment (e.g., tanks) are installed, this plan will be updated accordingly.																				
Main (Central)	A0053 - Zimmerman Library	North of Zimmerman Library	35.08516422	-106.6207741	53-AST-1	AST	Emergency Generator	1	228	Diesel	Steel	Double-walled	None	None	Locked/Fenced Area and Locked Valves	Unknown	2	Failure of tank (collapse or puncture below product level). Tank overflow	228	Gradual to instantaneous	North	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0053 - Zimmerman Library	CT-55: North of Bldg. #53 Zimmerman Hall	35.08530265	-106.620843	UT_ELEC_S 3_CT55_M53_1T	OFGE	Cooper Transformer: 1000KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0053 - Zimmerman Library	CT-56: North of Bldg. #53 Zimmerman Hall	35.08529665	-106.620544	UT_ELEC_S 3_CT56_M53_1T	OFGE	Cooper Transformer: 500KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0053 - Zimmerman Library		35.08509259	-106.6206767	#1 FRT ELEV #A_053_1E4	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	109 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0053 - Zimmerman Library		35.08509259	-106.6206767	#4 PASS ELEV #A_053_1E4	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	110 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0055 - Collaborative Teaching and Learning Building	CT-01: North East of Bldg. #55 Collab. Learning	35.08579465	-106.619417	UT_ELEC_S 3_CT01_NE5_5T	OFGE	GE Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0056 - Mesa Vista Hall	CT-58: East of Bldg. #56 Mesa Vista Hall	35.08388885	-106.618874	UT_ELEC_S 3_CT58_E56_1T	OFGE	Cooper Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0056 - Mesa Vista Hall		35.08348035	-106.618474	#1 SOUTH PASS #A_056_1E1	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	60 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0056 - Mesa Vista Hall		35.08348035	-106.618474	#2 PASS ELEV #A_056_1E2	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	61 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0057 - Economics	Northwest of Economics Building	35.0864357	-106.6209279	57-AST-1	AST	Emergency Generator	1	140	Diesel	Steel	Single-walled	Overfill protection device inside; box around fill port	None	Lock on fill-port box	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism	140	Gradual to instantaneous	North	Bldg. 87
Main (Central)	A0057 - Economics	CT-68: West of Bldg. #57 Economics	35.08637465	-106.62096	UT_ELEC_S 3_CT68_W57_1T	OFGE	Cooper Transformer: 500KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0057 - Economics	CT-69: East of Bldg. #57 Economics	35.08620265	-106.620354	UT_ELEC_S 3_CT69_E57_1T	OFGE	Cooper Transformer: 750KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0057 - Economics	CT-54: West of Bldg. #57 Economics	35.08634665	-106.620956	UT_ELEC_S 3_CT54_W57_1T	OFGE	Cooper Transformer: 750KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0057 - Economics		35.08624414	-106.6208304	#1 PASS ELEV	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	30 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0058 - Hokona Hall	North parking lot of Hokona Hall	35.0866269	-106.6186178	58-AST-1	AST	Emergency Generator	1	244	Diesel	Steel	Double-walled	Visual Dial Gauge	None	Fenced Area and Locked Valves	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision. Tank overflow	244	Gradual to instantaneous	East	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0058 - Hokona Hall	CT-38: South of Bldg. #58 Hokona	35.08602665	-106.618832	UT_ELEC_S 3_CT38_S58_1T	OFGE	ABB Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0058 - Hokona Hall		35.08652454	-106.6183116	#1 PASS ELEV #A_058_1E1	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	41 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0058 - Hokona Hall		35.08652454	-106.6183116	#2 PASS ELEV #A_058_1E2	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	42 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0058 - Hokona Hall		35.08652454	-106.6183116	#3 PASS ELEV #A_058_1E3	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	43 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0059 - Johnson Center	Between Johnson Center and Johnson Pool	35.08297014	-106.6178642	59-AST-1	AST	Emergency Generator	1	145	Diesel	Steel	Double-walled	Visual Dial Gauge	Visual Inspection	Locked/Fenced Area and Locked Valves	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision. Tank overflow	145	Gradual to instantaneous	South	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0059 - Johnson Center	CT-62: North of Bldg. #59 Johnson Gym	35.08285465	-106.618087	UT_ELEC_S 3_CT62_N59_1T	OFGE	Cooper Transformer: 750KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0059 - Johnson Center		35.08265112	-106.6178438	#1 PASS ELEV #A_059_1E1	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	45 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0059 - Johnson Center		35.08265112	-106.6178438	FREIGHT ELEV #A_059_1E2	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	46 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0059 - Johnson Center	CT-10: East of Bldg. #59 Johnson Gym	35.08269946	-106.617283	UT_ELEC_S 4_CT10_E59_1T	OFGE	Pioneer Transformer: 300KVA 480V	1	390	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	390	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0059 - Johnson Center	CT-60: Northeast of Bldg. #59 Johnson Gym	35.08273165	-106.618718	UT_ELEC_S 3_CT60_NE5_9T	OFGE	Powell-ESCO Transformer: 300KVA	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Main (Central)	A0060 - Student Union Building	Gravelled roof area above Loading Dock of SUB	35.08319702	-106.6204243	60-AST-1	AST	Emergency Generator	1	250	Diesel	Steel	Double-walled	Visual Strip Gauge	Visual Inspection	Within metal enclosure on roof	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism. Tank overflow	250	Gradual to instantaneous	North	Bldg. 60

Main (Central)	A0060 - Student Union Building	North inside Loading Dock of SUB	35.08331511	-106.6203739	60-FDG-2	AST	F.O.G. Recycling Dumpster	1	300		Fats, Oil, & Grease (F.O.G.)	Steel	Concrete Berm	Regular Clean-Out Schedule	Visual Inspection	Locked/Fenced Area	Unknown	N/A	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision; Tank vent	300	Instantaneous	West to Storm Drain	Bldg 60
Main (Central)	A0060 - Student Union Building	CT-15: Southwest of Bldg. #60 SUB	35.08319065	-106.620333	UT_ELEC_S 3_CT15_SW 60_L1	OFOE	Cooper Transformer: 1500KVA 12470 #80V/277	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0060 - Student Union Building	CT-16: Southwest of Bldg. #60 SUB	35.08323065	-106.620332	UT_ELEC_S 3_CT16_SW 60_L1	OFOE	Cooper Transformer: 750KVA 12470 208Y/120	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0060 - Student Union Building		35.08369079	-106.6199282	#2 SVC PASS ELEV #A_060_1E2	OFOE	Elevator Freight	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	96 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0060 - Student Union Building		35.08369079	-106.6199282	#3 FRT ELEV #A_060_1E3	OFOE	Elevator Freight	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	97 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0060 - Student Union Building		35.08369079	-106.6199282	#4 PASS ELEV #A_060_1E4	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	94 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0060 - Student Union Building		35.08369079	-106.6199282	#1 PASS ELEV #A_060_1E1	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	95 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0060 - Student Union Building	North inside Loading Dock of SUB	35.08356576	-106.6203512	60-FDG-1	UST	F.O.G. Interceptor	1	3200		Fats, Oil, & Grease (F.O.G.)	Concrete	Single-walled	Regular Clean-Out Schedule	Visual Inspection	Locked/Fenced Area	Unknown	2	Failure of tank (collapse or puncture below product level)	3200	Instantaneous	South to Storm Drain	Bldg 60
Main (Central)	A0061 - Santa Clara Hall Dormitory	CT-13: North of Bldg. #61 Santa Clara Hall	35.08563465	-106.617044	UT_ELEC_S 4_CT_13_N61_L1	OFOE	ABB Transformer: 1500KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0061 - Santa Clara Hall Dormitory	CT-32: North of Bldg. #61 Santa Clara Hall	35.08562925	-106.617043	UT_ELEC_S 4_CT32_N61_L1	OFOE	ABB Transformer: 750KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0062 - Center for the Arts (Poppey Hall)	CT-6: Northwest of Bldg. #62 Pope Joy	35.08266765	-106.620765	UT_ELEC_S 3_CT6_NW6 2_L1	OFOE	Cooper Transformer: 1000KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0062 - Center for the Arts (Poppey Hall)	CT-6A: South of Bldg. #62 Pope Joy	35.08184465	-106.620103	UT_ELEC_S 3_CT6A_S62_L1	OFOE	Cooper Transformer: 1000KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0062 - Center for the Arts (Poppey Hall)	South of Poppey Hall	35.08184801	-106.6200584	62-AST-1	AST	Emergency Generator	1	660		Diesel	Steel	Double-walled	Yes	Visual Inspection	Locked behind gate	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism	660	Gradual to instantaneous	West	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0062 - Center for the Arts (Poppey Hall)		35.08244391	-106.6202246	#1 PASS ELEV #A_062_1E1	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	34 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0062 - Center for the Arts (Poppey Hall)		35.08244391	-106.6202244	#2 PASS ELEV #A_062_1E2	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	35 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0062 - Center for the Arts (Poppey Hall)		35.08244391	-106.6202246	#3 PASS ELEV #A_062_1E3	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	36 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0062 - Center for the Arts (Poppey Hall)		35.08244391	-106.6202244	#1 PASS ELEV #A_062_1E5	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	76 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0062 - Center for the Arts (Poppey Hall)		35.08244391	-106.6202246	#2 STAGE LIFT	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	77 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0064 - Technology & Education Center	CT-19: East of Bldg. #64 Tech. & Educ. Center	35.0858165	-106.618677	UT_ELEC_S 3_CT19_E64_L1	OFOE	Cooper Transformer: 500KVA 480V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0064 - Technology & Education Center	CT-63: East of Bldg. #64 Tech. & Educ. Center	35.08562605	-106.618686	UT_ELEC_S 3_CT63_E64_L1	OFOE	Cooper Transformer: 750KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0064 - Technology & Education Center		35.08586462	-106.6190555	#2 PASS ELEV #A_064_1E2	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	102 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0068 - Masley Hall		35.08531855	-106.6192689	#1 PASS ELEV #A_068_1E1	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	56 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0073 - Student Health Center and Undergraduate Studies	CT-65: East of Bldg. #73 Student Health	35.08334765	-106.618534	UT_ELEC_S 3_CT65_E73_L1	OFOE	Cooper Transformer: 300KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0073 - Student Health Center and Undergraduate Studies		35.08336847	-106.6186259	#1 PASS ELEV #A_073_1E1	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	86 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0075 - Devergas Hall Dormitory	CT-33: North of Bldg. #75 De Vargas Hall	35.08616765	-106.616859	UT_ELEC_S 4_CT33_N75_L1	OFOE	ABB Transformer: 1500KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0076 - R.O. Anderson School of Management		35.08663568	-106.6197554	PASSENGER ELEVATOR	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	3 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0077 - La Posada Dining Hall	CT-31: North of Bldg. #77 La Posada Dining Hall	35.08588865	-106.616228	UT_ELEC_S 4_CT31_N77_L1	OFOE	ABB Transformer: 300KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0077 - La Posada Dining Hall		35.08584062	-106.6160493	#1 PASS ELEV #A_077_1E1	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	48 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0077 - La Posada Dining Hall		35.08584062	-106.6160493	#1 FRT ELEV #A_077_1E2	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	49 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0077 - La Posada Dining Hall	Loading Dock off of Las Lomas	35.08583568	-106.6161025	77-FDG-1	UST	F.O.G. Interceptor	1	1500		Fats, Oil, & Grease (F.O.G.)	Concrete	Single-walled	Regular Clean-Out Schedule	Visual Inspection	Locked/Fenced Area	Unknown	2	Failure of tank (collapse or puncture below product level)	1500	Gradual to instantaneous	North to NDC	Bldg 77
Main (Central)	A0078 - Social Sciences		35.08586345	-106.6204354	#1 PASS ELEV #A_078_1E1	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	85 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0079 - Ortega Hall	CT-80: South of Bldg. #79 Ortega Hall	35.08368365	-106.621847	UT_ELEC_S 3_CT80_S79_L1	OFOE	ABB Transformer: 300KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0079 - Ortega Hall		35.08400632	-106.6216035	#1 PASS ELEV #A_079_1E1	OFOE	Elevator Passenger	1	80-120		Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	67 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0081 - Humanities	CT-82: South of Bldg. #81 Humanities	35.08377065	-106.621008	UT_ELEC_S 3_CT82_S81_L1	OFOE	ABB Transformer: 750KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0082 - Woodward Lecture Hall	CT-81B: North East of Bldg. #82 Woodward Hall	35.08344965	-106.621154	UT_ELEC_S 3_CT81B_NE 82_L1	OFOE	Transformer: Absorbed in place	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0082 - Woodward Lecture Hall	CT-81A: North East of Bldg. #82 Woodward Hall	35.08357665	-106.621235	UT_ELEC_S 3_CT81A_NE 82_L1	OFOE	ABB Transformer: 300KVA 208V	1	125 - 320		Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)

Main (Central)	A0083 - Consortium for Environmental Research, Informatics & Art	CT-9: North of Bldg. #83 Consort. Env. Research	35.08361765	-106.621663	UT_ELEC_S 3_CT9_N03_L1	OFOE	ABB Transformer: 1000KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0083 - Consortium for Environmental Research, Informatics & Art		35.08316991	-106.6217857	#1 PASS ELEV #A_083_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	19 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0083 - Consortium for Environmental Research, Informatics & Art		35.08316991	-106.6217857	#1 FRT ELEV #A_083_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	20 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0084 - Art	CT-57: South of Bldg. #84 Art	35.08239065	-106.621336	UT_ELEC_S 3_CT57_S04_L1	OFOE	ABB Transformer: 1000KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0084 - Art		35.08225768	-106.6215437	#1 PASS ELEV #A_084_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	63 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0085 - University Advise ment & Enrichment Center	East of University Advise ment and Enrichment Center	35.08420991	-106.6181745	85-AST-1	AST	Emergency Generator	1	340	Diesel	Steel	Double-walled	Visual Dial Gauge	Visual Inspection	None	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision; Tank post#1	340	Gradual to instantaneous	South	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0085 - University Advise ment & Enrichment Center	CT-66: East of Bldg. #85 Univ. Advise ment Center	35.08416165	-106.617986	UT_ELEC_S 3_CT66_E05_L1	OFOE	Cooper Transformer: 1500KVA 480V	1	410	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	410	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0085 - University Advise ment & Enrichment Center	CT-67: East of Bldg. #85 Univ. Advise ment Center	35.08425265	-106.618166	UT_ELEC_S 3_CT67_E05_L1	OFOE	Cooper Transformer: 500KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0085 - University Advise ment & Enrichment Center		35.08448242	-106.618436	#1 PASS ELEV #A_085_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	92 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0085 - University Advise ment & Enrichment Center		35.08448242	-106.618436	#2 PASS ELEV #A_085_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	93 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0087 - R.D. Anderson Graduate School of Management and Parish Library		35.08686603	-106.6205616	#1 PASS ELEV #A_087_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	2 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0087 - R.D. Anderson Graduate School of Management and Parish Library		35.08686603	-106.6205616	#1 PASS ELEV #A_087_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	66 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0088 - Student Residence Center	CT-35: South of Bldg. #88 SRC	35.08483765	-106.617462	UT_ELEC_S 3_CT35_S08_L1	OFOE	ABB Transformer: 225KVA 208V/121	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0088 - Student Residence Center	CT-36: West of Bldg. #88 Student Residence	35.08515465	-106.618078	UT_ELEC_S 3_CT36_E08_L1	OFOE	ABB Transformer: 225KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0088 - Student Residence Center	CT-37: North of Bldg. #88 Student Residence	35.08522465	-106.617079	UT_ELEC_S 4_CT37_N08_L1	OFOE	ABB Transformer: 225KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0088 - Student Residence Center		35.08479732	-106.6165194	COMMONS ELEV #A_088_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	87 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0088 - Student Residence Center		35.08479732	-106.6165194	#1 PASS ELEV #A_088A_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	88 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0088 - Student Residence Center		35.08479732	-106.6165194	#1 PASS ELEV #A_088K_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	89 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0088 - Student Residence Center		35.08479732	-106.6165194	#1 PASS ELEV #A_088L_1E3	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	90 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0091 - Casas del Rio I - Chama	CT-90: Southwest of Bldg. #91 Casa Del Rio-Chama	35.08531365	-106.615989	UT_ELEC_S 4_CT90_SW 91_L1	OFOE	GE Transformer: 1000KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0092 - Casas del Rio II - Jemez	CT-92: Northeast of Bldg. #78 R.D. Anderson	35.08066605	-106.619383	UT_ELEC_S 7_CT92_NE7 8_L1	OFOE	Transformer	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0092 - Casas del Rio II - Jemez	CT-89: Southwest of Bldg. #62 Casa Del Rio-Jemez	35.08509665	-106.616258	UT_ELEC_S 4_CT89_SW 92_L1	OFOE	GE Transformer: 1500KVA 208V	1	368	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	368	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0093 - Casas del Rio III - Pecos	CT-88: North of Bldg. #93 Casa Del Rio-Pecos	35.08477665	-106.616106	UT_ELEC_S 4_CT88_N03_L1	OFOE	Transformer: 1000KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0094 - Casas del Rio IV - Gila	CT-34: Northwest of Bldg. #94 Casa Del Rio-Gila	35.08450965	-106.616736	UT_ELEC_S 4_CT34_NW 94_L1	OFOE	ABB Transformer: 300KVA 208V/121	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0094 - Casas del Rio IV - Gila	CT-87: Northwest of Bldg. #94 Casa Del Rio-Gila	35.08445465	-106.616743	UT_ELEC_S 4_CT87_NW 94_L1	OFOE	Transformer: 1000KVA 208V/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A102 - Bookstore	CT-69: West of Bldg. #102 UNM Bookstore	35.08132965	-106.620748	UT_ELEC_S 3_CT69_W10 2_L1	OFOE	Cooper Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A102 - Bookstore		35.08136768	-106.6200781	#1 FRT ELEV #A_102_1E1	OFOE	Elevator Freight	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	7 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A102 - Bookstore		35.08136766	-106.6200783	#1 PASS ELEV #A_102_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	6 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A103 - Hodgkin Hall		35.08168581	-106.6253882	#1 PASS ELEV #A_103_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	40 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A1012 - Centennial Engineering Center	Northwest corner Centennial Engineering	35.08347327	-106.6250476	112-AST-1	AST	Emergency Generator	1	660	Diesel	Steel	Double-walled	Visual Dial Gauge	Visual Inspection	Locked behind wall containment	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision; Tank post#1	660	Gradual to instantaneous	West	Bldg 112
Main (Central)	A1012 - Centennial Engineering Center		35.08345691	-106.6258277	#2 PASS ELEV #A_112_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	15 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A1012 - Centennial Engineering Center		35.08345691	-106.6258277	#1 PASS ELEV #A_112_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	16 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)

Main (Central)	A0112 - Centennial Engineering Center	CT-49: East of Bldg. #112 Centennial Eng.	35.08343865	-106.625059	UT_ELEC_S 2_CT49_E11_2_L1	OFOE	Transformer: 1000KVA 12470 080V/2770	1	408	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	408	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0112 - Centennial Engineering Center	CT-48: East of Bldg. #112 Centennial Eng.	35.08347465	-106.625093	UT_ELEC_S 2_CT48_E11_2_L1	OFOE	Transformer: 1500KVA 12470 080V/277	1	353	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	353	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0115 - Communication and Journalism	CT-76: NE of Bldg. #115 Comm. & Journalism	35.08158665	-106.622507	UT_ELEC_S 2_CT76_NE15_L1	OFOE	Transformer: 500KVA 205V/233	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0115 - Communication and Journalism		35.08145107	-106.6229156	FRIEGHT ELEV #A_115_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	47 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0116 - Ford Utilities Center	Inside Ford Utilities Center	35.08389318	-106.6251724	116-AST-1	AST	Waste Oil	1	500	Waste Oil	Steel	Single-walled tanks inside Concrete Vault	None	Visual Inspection	Locked/Fenced Area	Unknown	2	Failure of tank (collapse or puncture below product level)	500	Gradual to instantaneous	Indoor	Bldg 112
Main (Central)	A0116 - Ford Utilities Center	Permanent installation right outside the control room (down the stairs)	35.08389318	-106.6251724	116-AST-2	Drums	Maintenance	1	55	General Lubricating Oil	Steel	Single-walled	None	Visual Inspection	Locked/Fenced Area	Unknown	N/A	Failure of tank (collapse or puncture below product level)	55	Gradual to instantaneous	Indoor	Bldg 112
Main (Central)	A0116 - Ford Utilities Center	CT-44: East of Bldg. #116 Ford Utilities	35.08392865	-106.624865	UT_ELEC_S 2_CT44_E11_6_L1	OFOE	Niagara Transformer: 3220KVA 4160V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0116 - Ford Utilities Center	CT-45: East of Bldg. #116 Ford Utilities	35.08387965	-106.624879	UT_ELEC_S 2_CT45_E11_6_L1	OFOE	Niagara Transformer: 3220KVA 4160V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0116 - Ford Utilities Center	CT-46: East of Bldg. #116 Ford Utilities	35.08382665	-106.624884	UT_ELEC_S 2_CT46_E11_6_L1	OFOE	Niagara Transformer: 4200KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0116 - Ford Utilities Center	CT-47: East of Bldg. #116 Ford Utilities	35.08378365	-106.624891	UT_ELEC_S 2_CT47_E11_6_L1	OFOE	Niagara Transformer: 4200KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0116 - Ford Utilities Center		35.08389318	-106.6251724	116-OFDE-1	OFOE	Turbine Power Generation	2	220	General Lubricating Oil	Steel	Indoor single-walled tanks inside concrete vault	Indoor	Visual Inspection	In locked mechanical room.	Unknown	N/A	Failure of turbine (collapse or puncture below product level)	440	Gradual to instantaneous	Indoor	Bldg 112
Main (Central)	A0119 - Farris Engineering Center	CT-79: NE Bldg. #119 Farris Eng.	35.08272665	-106.625067	UT_ELEC_S 2_CT79_NE19_L1	OFOE	ABB Transformer: 1000KVA 205V	1	368	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	368	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0122 - Mechanical Engineering	North of Mechanical Engineering	35.08263967	-106.6256212	122-AST-1	AST	Emergency Generator	1	132	Diesel	Steel	Double-walled	Yes	Visual Inspection	Locked panels	Late 2019/Early 2020	2	Broken valve	132	Gradual	Northwest	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0122 - Mechanical Engineering	CT-78: East of Bldg. #122 Mech Eng.	35.08261865	-106.625666	UT_ELEC_S 2_CT78_E12_2_L1	OFOE	Transformer: 500KVA 12470/208V/1120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0122 - Mechanical Engineering		35.08236731	-106.6259644	#1 PASS ELEV #A_122_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	58 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0150 - Institute for Social Research	CT-84: North of Bldg. #150 Social Research	35.08727365	-106.621159	UT_ELEC_S 7_CT84_N15_9_L1	OFOE	GE Transformer: 300KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0153 - Information Technologies Building	West side of Information Technologies Building	35.08695958	-106.615513	153-AST-1	AST	Emergency Generator	1	850	Diesel	Steel	Double-walled	Visual Dial Gauge and Electronic Monitoring	Electronic Monitoring	In locked containment/behind walls	Unknown	1	Failure of tank (collapse or puncture below product level) due to vandalism	850	Gradual to instantaneous	South	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0153 - Information Technologies Building	CT-29: West of Bldg. #153 Info. Tech Bldg.	35.08687165	-106.615513	UT_ELEC_S 9_CT29_W15_3_L1	OFOE	ABB Transformer: 1000KVA 205V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0155 - Coronado Hall Dormitory	CT-7: Southeast of Bldg. #155 Coronado Hall	35.08333465	-106.614247	UT_ELEC_S 4_CTT_SV1_55_L1	OFOE	Cooper Transformer: 300KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0155 - Coronado Hall Dormitory		35.08386452	-106.614477	PASSENGER ELEVATOR	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	107 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0155 - Coronado Hall Dormitory	CT-22: South of Bldg. #155 Coronado Hall	35.08346465	-106.614602	UT_ELEC_S 4_CTT2_S15_6_L1	OFOE	Howard Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0156 - Orate Hall	CT-30: Northwest of Bldg. #156 Orate Hall	35.08474865	-106.613963	UT_ELEC_S 4_CTT30_NW_156_L1	OFOE	ABB Transformer: 150KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0156 - Orate Hall		35.08449008	-106.6137439	#1 PASS ELEV #A_156_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	66 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0157 - Alvarado Hall Dormitory	CT-18: North of Bldg. #157 Alvarado Hall Dorm	35.08497765	-106.614482	UT_ELEC_S 4_CTT18_N15_7_L1	OFOE	ABB Transformer: 225KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0159 - Aerospace Studies Building	CT-26: Northwest of Bldg. #159 Aerospace Studies	35.08726465	-106.621515	UT_ELEC_S 7_CTT26_NW_159_L1	OFOE	ABB Transformer: 150KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0167 - Central Campus Substation	CT-11: Inside Bldg. #167	35.08716365	-106.619793	UT_ELEC_S 7_CTT11_B16_7_L1	OFOE	Cooper Transformer: 750KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0167 - Central Campus Substation	CT-5: East of Bldg. #167 Central Sub.	35.08213765	-106.622658	UT_ELEC_S 7_CTT5_E16_7_L1	OFOE	Transformer: 500KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0167 - Central Campus Substation	CT-A: East of Bldg. #167	35.08737065	-106.619322	UT_ELEC_S 7_CTA_E167	OFOE	Waukesha Transformer: 527/332/2700	1	6380	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	6380	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0168 - LGBTQ Resource Center	CT-25: North of Bldg. #168 Data Bank	35.08724465	-106.620789	UT_ELEC_S 7_CTT25_N16_8_L1	OFOE	Van Tran Transformer: 500KVA 250V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0170 - Well No. 7	CT-24: Main Well	35.08510665	-106.613704	UT_ELEC_S 4_CTT24_Well_7_L1	OFOE	Jerry's Elec. Transformer: 500KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0172 - Lomas Parking Structure	CT-28: South of Bldg. #172 Lomas Parking	35.0869165	-106.616899	UT_ELEC_S 8_CTT28_S17_2_L1	OFOE	ABB Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0176 - Campus Utility Plan	CT-86: South of Bldg. #176	35.08655765	-106.616414	UT_ELEC_S 8_CTT86_S17_6_L1	OFOE	ABB Transformer: 500KVA 12470 480V/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0183 - John and June Perovich Business Center		35.08967976	-106.6248453	#2 PASS ELEV #A_183_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	51 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0183 - John and June Perovich Business Center		35.08967976	-106.6248453	#1 PASS ELEV #A_183_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	52 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0193 - Redondo Village Student Residences		35.0825969	-106.6142517	RVA PASS ELEV #A_193_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	78 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0193 - Redondo Village Student Residences	CT-8: East of Bldg. #193B Redondo Village	35.08261177	-106.6141986	UT_ELEC_S 4_CTT8_E193_B_L1	OFOE	Cooper Transformer: 1000KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)

Main (Central)	A0194 - Chilled Water Plant	North and between Chilled Water Plant and UNM Main Substation	35.08746334	-106.6194804	194-AST-1	AST	Emergency Generator	1	147	Diesel	Steel	Double-walled	Visual Dial Gauge and Automatic Leak Detector System in inner tank	Automatic Leak Detector System in inner tank	Locked gate for enclosure	Unknown	1	Failure of tank (collapse or puncture below product level) due to vehicle collision; Tank overflow	147	Gradual to instantaneous	West	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0194 - Chilled Water Plant	West of Chilled Water Plant near University Club	35.08735511	-106.6202236	194-AST-2	AST	Waste Oil	1	250	Waste Oil	Steel	Cement curb/Possibly Double-walled	Visual Dial Gauge	Visual Inspection	Behind locked gate for plant	Unknown	2	Failure of tank (collapse or puncture below product level) due to vehicle collision; Tank overflow	250	Gradual to instantaneous	Northeast	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0194 - Chilled Water Plant	CT-42: East of Bldg. #194 Lomas Plant	35.08737365	-106.6196224	UT_ELEC_S 7_CT42_E19 4_L1	OFGE	ABB Transformer: 4200KVA	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0194 - Chilled Water Plant	CT-43: East of Bldg. #194 Lomas Plant	35.08728865	-106.6196222	UT_ELEC_S 7_CT43_E19 4_L1	OFGE	ABB Transformer: 4200KVA	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0194 - Chilled Water Plant	CT-40: East of Bldg. #194 Lomas Plant	35.08719205	-106.6196187	UT_ELEC_S 7_CT40_E19 4_L1	OFGE	ABB Transformer: 8400KVA	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0194 - Chilled Water Plant	CT-41: East of Bldg. #194 Lomas Plant	35.08724365	-106.6196222	UT_ELEC_S 7_CT41_E19 4_L1	OFGE	ABB Transformer: 8400KVA	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0195 - George Pearl Hall	East of George Pearl Hall	35.08126185	-106.6184788	195-AST-1	AST	Emergency Generator	1	184	Diesel	Steel	Double-walled	High level alarm/visual gauge, high level liquid pump cutoff device, fast response system for liquid level/drain	Visual Inspection	Locked valves	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision	184	Gradual to instantaneous	South	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0195 - George Pearl Hall	CT-50: West of Bldg. #195 George Pearl Hall	35.08136665	-106.6194022	UT_ELEC_S 3_CT50_W195 5_L1	OFGE	ABB Transformer: 1500KVA	1	368	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	368	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0198 - Cornell Parking Structure	CT-09: Northwest of Bldg. #198 Parking	35.08225265	-106.6193133	UT_ELEC_S 3_CT09_NW 59_L1	OFGE	ABB Transformer: 225KVA	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
Main (Central)	A0198 - Cornell Parking Structure		35.08178997	-106.6192467	PASS ELEV #A_198_1E1	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	23 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0200 - Domencio Center for Health Sciences Education	North of Domencio Center for Health Sciences and Education	35.09186877	-106.6182111	200-AST-1	AST	Emergency Generator	1	284	Diesel	Steel	Double-walled	Visual Dial Gauge	Visual Inspection	Locked/Fenced Area and Locked Valves	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision	284	Gradual to instantaneous	North	Bldg 233 (unless indicated otherwise on map)
North	A0200 - Domencio Center for Health Sciences Education	NT-27: North of Bldg. #200 Dom. Educ.	35.09188665	-106.6182027	UT_ELEC_S 7_NT27_N20 0_L1	OFGE	ABB Transformer: 1500KVA	1	390	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	390	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0200 - Domencio Center for Health Sciences Education	NT-28: North of Bldg. #200 Dom. Services	35.09110665	-106.6185422	UT_ELEC_S 7_NT28_N20 0_L1	OFGE	ABB Transformer: 1000KVA	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0200 - Domencio Center for Health Sciences Education		35.09103042	-106.6185606	#4 PASS ELEV A_200_1E3	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	28 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0200 - Domencio Center for Health Sciences Education		35.09103042	-106.6185606	#4 FRT ELEV A_200_1E4	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	29 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0200 - Domencio Center for Health Sciences Education	happy heart BISTRO - Basement of Domencio	35.09104795	-106.6186356	200-FGG-1	UST	F.O.G. Trap	1	40	Fats, Oil, & Grease (F.O.G.)	HDPE	Single-walled	Regular Clean-Out Schedule	Visual Inspection	Locked/Fenced Area	Unknown	N/A	Failure of tank (collapse or puncture below product level)	40	Instantaneous	Indoor	Bldg 233 (unless indicated otherwise on map)
North	A0201 - School of Medicine Building No. 2	NT-20: East of Bldg. #201 School of Medicine	35.08943265	-106.6167773	UT_ELEC_S 8_NT20_E20 1_L1	OFGE	ABB Transformer: VBA4953FP	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0204 - Service Building	NT-38: North of Bldg. #204 Service Bldg	35.09061765	-106.6234322	UT_ELEC_S 6_NT38_N20 4_L1	OFGE	ABB Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0205 - Research Incubator Building	North of Research Incubator Building	35.09019068	-106.6150346	205-AST-1	AST	Emergency Generator	1	750	Diesel	Steel	Double-walled	Visual Dial Gauge, Emergency Stop Button on exterior	Visual Inspection	Locked Panels	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision	750	Gradual to instantaneous	North & East	Bldg 233 (unless indicated otherwise on map)
North	A0205 - Research Incubator Building		35.08977308	-106.6150561	#1 PASS ELEV #A_205_1A1	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	73 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0206 - The North Golf Course Club House	NT-48: Southeast of Bldg. #206 N. Golf Club House	35.09236665	-106.6200663	UT_ELEC_S 7_NT48_SE2 06_L1	OFGE	ABB Transformer: 500KVA 12470 208/120	1	410	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	410	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0206 - The North Golf Course Club House	NT-16: Southeast of Bldg. #206 N. Golf Club House	35.09244665	-106.6200999	UT_ELEC_S 7_NT16_SE2 06_L1	OFGE	ABB Transformer: 500KVA 12470 208/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0211 - Reginald Heber Fitz Hall	NT-4: Bldg. #211 Penthouse	35.08971065	-106.6180996	UT_ELEC_S 7_NT4_211_Roof	OFGE	ABB Transformer: 300KVA 12470 208/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0211 - Reginald Heber Fitz Hall	NT-5: Bldg. #211 2ND North	35.08971065	-106.6180996	UT_ELEC_S 7_NT5_B211	OFGE	ABB Transformer: 500KVA 12470 208/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0211 - Reginald Heber Fitz Hall	NT-6: Bldg. #211 2ND M	35.08971065	-106.6180996	UT_ELEC_S 7_NT6_B211	OFGE	ABB Transformer: 500KVA 12470 208/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0211 - Reginald Heber Fitz Hall	NT-7: Bldg. #211 2ND S	35.08971065	-106.6180996	UT_ELEC_S 7_NT7_B211	OFGE	ABB Transformer: 500KVA 12470 208/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0211 - Reginald Heber Fitz Hall	NT-3: Bldg. #211 Basement	35.08971065	-106.6180996	UT_ELEC_S 7_NT3_B211_L1	OFGE	ABB Transformer: 750KVA 12470 208/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0215 - Multidisciplinary Research Facility		35.08980313	-106.6146964	#1 PASS ELEV #A_215_1E1	OFGE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	75 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0216 - Automotive Center (i.e., "Fuel Management")	Rear of Automotive Center, east side	35.09142318	-106.6235518	216-AST-2A	AST	Waste Oil	1	250	Waste Oil	Steel	Double-walled	Not observed	Visual Inspection	None	Unknown	2	Failure of tank (collapse or puncture below product level) due to vehicle collision; Tank overflow	250	Gradual to instantaneous	North	Bldg 216
North	A0216 - Automotive Center (i.e., "Fuel Management")	West of Automotive Center, confined in vault	35.09142208	-106.6238662	216-AST-1A	AST - Split Tank	Equipment refueling	1	4200	Unleaded Gasoline	Steel	Double-walled	Spill and overflow protection, possible ground system	Possible ground system	Inaccessible to the public; locked fill ports	Unknown	1	Dispenser problem	4200	Gradual	N/A - Cemented Vault	Bldg 216
North	A0216 - Automotive Center (i.e., "Fuel Management")	West of Automotive Center, confined in vault	35.09142208	-106.6238662	216-AST-1B	AST - Split Tank	Equipment refueling	1	970	Diesel	Steel	Double-walled	Spill and overflow protection, possible ground system	Possible ground system	Inaccessible to the public; locked fill ports	Unknown	1	Dispenser problem	970	Gradual	N/A - Cemented Vault	Bldg 216
North	A0216 - Automotive Center (i.e., "Fuel Management")	NT-39: East of Bldg. #216 Automotive	35.09135465	-106.6235259	UT_ELEC_S 6_NT39_E21 6_L1	OFGE	ABB Transformer: 150KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A0216 - Automotive Center (i.e., "Fuel Management")		35.09148398	-106.6238086	216-OFGE-1	OFGE	Oil/Water Separator	1	225	Waste Oil	Concrete	Indoor	Regular Clean-Out Schedule	Visual Inspection	In locked room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	225	Gradual to instantaneous	Indoor	Bldg 216
North	A0217 - KNME TV Studio	Rear of KNME TV Studio, northeast corner	35.09451645	-106.6243066	217-AST-1	AST	Emergency Generator	1	500	Diesel	Steel	Double-walled	High level alarm/visual gauge and fast response system for liquid level/direct vision camera	Visual Inspection	Fenced/Locked Area	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism	500	Gradual to instantaneous	Northeast toward Camino del Salud	Bldg 233 (unless indicated otherwise on map)
North	A0217 - KNME TV Studio	NT-46: North of Bldg. #217 KNME TV Studio	35.09458365	-106.6244119	UT_ELEC_S 10_NT46_N2 17_L1	OFGE	ABB Transformer: 500KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)

North	A2218 - Bratton Hall	NT-17: SE of Bldg. #218 Bratton Hall	35.09276165	-106.618933	UT_ELEC_S 11_NT17_SE 218_L1	OFOE	ABB Transformer: 500KVA 12470-480277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2218 - Bratton Hall	NT-14: West of Bldg. #218 Bratton Hall	35.09332465	-106.619185	UT_ELEC_S 11_NT14_W2 18_L1	OFOE	ABB Transformer: 750KVA 12470-208120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2218 - Bratton Hall		35.09355699	-106.6187047	MIDDLE_PASS #A_218_1E3	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	8 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2218 - Bratton Hall		35.09355699	-106.6187047	WEST ELEV #A_218_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	9 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2218 - Bratton Hall		35.09355699	-106.6187047	#1 PASS ELEV #A_218_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	10 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2223 - Warehouse	NT-40: East of Bldg. #223 SR5 Warehouse	35.09233365	-106.623995	UT_ELEC_S 6_NT40_E22 3_L1	OFOE	ABB Transformer: 150KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2225 - Surge Building		35.08985608	-106.6157773	#1 PASS ELEV #A_225_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	98 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2227 - Clinical & Translational Science Center	Clinical & Translational Science Center	35.08917489	-106.6171005	227-AST-1	AST	Emergency Generator	1		Diesel	Steel	Double-walled	Yes	Visual Inspection	Locked Panels	Replaced old unit in 2018	2	Failure of tank (collapse or puncture below product level)		Gradual to instantaneous	East and West	Bldg 233 (unless indicated otherwise on map)
North	A2227 - Clinical & Translational Science Center	NT-6: Inside Bldg. #227 Basement	35.08897765	-106.617479	UT_ELEC_S 6_NT6_B227 1_L1	OFOE	ABB Transformer: 1000KVA 12470-208120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2227 - Clinical & Translational Science Center		35.0888368	-106.6177571	#3 WEST PASS #A_227_1E3	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	24 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2228 - Nursing & Pharmacy	Northeast corner of Nursing and Pharmacy	35.09014899	-106.6167838	228-AST-1	AST	Emergency Generator	1	648	Diesel	Steel	Double-walled	Emergency shutoff, visual gauges	Visual Inspection	Locked Room	Unknown	2	Failure of tank (collapse or puncture below product level), Leakage (evidence of leaks/pudding oil upon inspection)	648	Gradual to instantaneous	West/Northwest	Bldg 233 (unless indicated otherwise on map)
North	A2228 - Nursing & Pharmacy	NT-19: Inside Bldg. #228 Basement	35.09001165	-106.616907	UT_ELEC_S 7_NT19_B22 8_L1	OFOE	ABB Transformer: 1000KVA 12470-208120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2229 - Cancer Research Facility	Between Cancer Research Facility and Biomedical Research Facility	35.08982577	-106.6187399	229-AST-1	AST	Emergency Generator	1	2019	Diesel	Steel	Double-walled	Visual Dial Gauge, Alarms (Veeder-Root system is located in 229-BRF but is non-operational)	Visual Inspection	Locked Confinement	Unknown	1	Failure of tank (collapse or puncture below product level)	2019	Gradual to instantaneous	West	Bldg 233 (unless indicated otherwise on map)
North	A2230 - New Mexico Law Center		35.0928893	-106.6187468	#1 PASS ELEV #B74A	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	50 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2234 - Health Sciences Library & Informatics Center	Southeast corner of Health Sciences Center Library	35.09018327	-106.6183448	234-AST-1	AST	Emergency Generator	1	50	Diesel	Steel	Double-walled	Visual Dial Gauge	Visual Inspection	Locked Panels	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism	50	Gradual to instantaneous	Southwest	Bldg 233 (unless indicated otherwise on map)
North	A2234 - Health Sciences Library & Informatics Center	NT-18: Bldg. #234 HSC Library	35.09018265	-106.618328	UT_ELEC_S 7_NT18_SW 234_L1	OFOE	ABB Transformer: 750KVA 12470-208120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2234 - Health Sciences Library & Informatics Center		35.09034208	-106.6181993	#1 PASS ELEV #A_234_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	37 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2234 - Health Sciences Library & Informatics Center		35.09034208	-106.6181993	#2 PASS ELEV #A_234_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	38 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2243 - Family Practice Center	Family Practice ground level - Room 119	35.09043681	-106.6190794	243-AST-1	AST	Emergency Generator	1	76	Diesel	Steel	Double-walled	Visual Dial Gauge	Visual Inspection	Inside building	Installed on 7/16/2018	2	Failure of tank (collapse or puncture below product level)	76	Gradual to instantaneous	South	Bldg 233 (unless indicated otherwise on map)
North	A2248 - Family Practice Center	NT-10: SW of Bldg. #248 by loading dock	35.09035365	-106.6191116	UT_ELEC_S 7_NT10_SW 248_L1	OFOE	ABB Transformer: 750KVA 12470-208120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2248 - Family Practice Center		35.09041486	-106.6188664	#1 FRT ELEV #A_248_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	32 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2248 - Family Practice Center		35.09041486	-106.6188664	#2 FRT ELEV #A_248_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	33 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2249 - Novitski Hall	NT-11: East of Bldg. #249 Novitski Hall	35.09050065	-106.6202284	UT_ELEC_S 7_NT11_E24 9_L1	OFOE	ABB Transformer: 500KVA 12470-208120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2249 - Novitski Hall	NT-12: East of Bldg. #249 Novitski Hall	35.09045065	-106.620217	UT_ELEC_S 7_NT12_E24 9_L1	OFOE	ABB Transformer: 50KVA 12470-208120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2249 - Novitski Hall		35.09067129	-106.6203526	#1 PASS ELEV #A_249_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	65 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2253 - Biomedical Research Facility	NT-1: West of Bldg. #253 BRF	35.08973965	-106.618775	UT_ELEC_S 7_NT1_W253 1_L1	OFOE	Cutler/Hammer Transformer: 1000KVA 12470-208120	1	6214	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	6214	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2253 - Biomedical Research Facility	NT-2: West of Bldg. #253 BRF	35.08987665	-106.618772	UT_ELEC_S 7_NT2_W253 1_L1	OFOE	Cutler/Hammer Transformer: 2000KVA 12470-480277	1	5405	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	5405	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2253 - Biomedical Research Facility		35.08972413	-106.618558	#1 PASS ELEV #A_253_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	4 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2253 - Biomedical Research Facility		35.08972413	-106.618558	#2 248/BRF FRTRAA_253_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	5 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2257 - North Campus Substation	NT-A: West of Bldg. #257 North Substation	35.09205965	-106.623908	UT_ELEC_S 6_NTA_W25 7_L1	OFOE	Powell-ESCO Transformer: SF6/V6	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2257 - North Campus Substation	NT-B: North of Bldg. #257 North Substation	35.09214885	-106.623721	UT_ELEC_S 6 NTB_N257	OFOE	Powell-ESCO Transformer: SF6/V6	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
North	A2258 - Continuing Education - South		35.10046946	-106.6272309	#1 PASS ELEV #A_258_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	22 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)

North	A0260 - Pete and Nancy Domenci Hall		35.09514381	-106.6214278	#1 PASS ELEV #A_260_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	26 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0260 - Pete and Nancy Domenci Hall		35.09514381	-106.6214278	#1 PASS ELEV #A_260_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	27 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0260 - Pete and Nancy Domenci Hall	NT-47: NW of Bldg. #260 on loading dock	35.09570165	-106.621749	UT_ELEC_S 7_NT47_NW 260_L1	OFOE	GE Transformer: 1000KVA 12470-480/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0261 - Well No. 8 - North Golf Course	On top of concrete bunker near pond	35.09672862	-106.6197911	261-AST-1	AST - Portable	Refueling	1	100	Diesel	Steel	Single-walled	Visual Gauge	Visual Inspection	Locked Gate and Panels	Unknown	2	Tank tip-over, Failure of tank (collapse or puncture below product level); Tank overflow	100	Gradual to instantaneous	East into pond	Bldg. 275
North	A0261 - Well No. 8 - North Golf Course	NT-15: N. Golf Course Pond	35.09669265	-106.619852	UT_ELEC_S 11_NT16_Ng 0E_L1	OFOE	ABB Transformer: 500KVA 12470-480/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0266 - Health Sciences and Services Building	NT-23: East of Bldg. #266 Health Sciences	35.09028465	-106.617106	UT_ELEC_S 8_NT23_E26 6_L1	OFOE	ABB Transformer: 1000KVA 12470-208/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0266 - Health Sciences and Services Building	NT-24: East of Bldg. #266 Health Sciences	35.09028465	-106.617077	UT_ELEC_S 8_NT24_E26 6_L1	OFOE	ABB Transformer: 1000KVA 12470-480/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0266 - Health Sciences and Services Building		35.0904256	-106.6172661	FRT ELEV #A_266_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	44 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0266 - Health Sciences and Services Building	PSYCHOPHAR: This tank was decommissioned and removed on 05/10/2023. Accordingly, the tank has been removed from the plan. When replacement generators and auxiliary equipment (e.g., tanks) are installed, this plan will be updated accordingly.																				
North	A0271 - Family Health University Clinic	NT-33: NW of Bldg. #271 UNMH Pharmacy	35.09496705	-106.626985	UT_ELEC_S 10_NT33_N W271_L1	OFOE	SG D Transformer: 150KVA/208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0274 - FM - Storage	Inside Building 274	35.0904274	-106.6244421	274-AST-1-10	Drums	Maintenance	10	55	General Lubricating Oil	Steel	Single-walled	None	Visual Inspection	Locked/Fenced Area	Unknown	N/A	Failure of tank (collapse or puncture below product level)	550	Gradual to instantaneous	West	Bldg. 233 (unless indicated otherwise on map)
North	A0281A - Child Care Center	Loading Dock	35.09568189	-106.625051	281-FOG-1	UST	F.O.G. Interceptor	1	1000	Fats, Oil, & Grease (F.O.G.)	Concrete	Single-walled	Regular Clean-Out Schedule	Visual Inspection	None	Unknown	2	Failure of tank (collapse or puncture below product level)	1000	Gradual to instantaneous	North West	Bldg. 233 (unless indicated otherwise on map)
North	A0283 - Outpatient Surgery & Imaging Services	North of UNMH Outpatient Surgery and Imaging Services near parking lot	35.09643303	-106.6274768	283-AST-1	AST	Emergency Generator	1	1000	Diesel	Steel	Double-walled	Visual Strip Gauge	Visual Inspection	Locked/Fenced Area	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision; Tank overflow	1,000	Gradual to instantaneous	North	Bldg. 233 (unless indicated otherwise on map)
North	A0284 - UNM Comprehensive Cancer Center		35.09606945	-106.6283961	#5 PASS ELEV #A_284_1E5	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	11 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0284 - UNM Comprehensive Cancer Center	NT-31: NE of Bldg. #284 Cancer Center	35.09635305	-106.627554	UT_ELEC_S 9_NT31_NE2 84_L1	OFOE	SG D Transformer: 1000KVA 480V	1	347	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	347	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0284 - UNM Comprehensive Cancer Center	NT-30: N. of Bldg. #284 inside fenced area	35.09639165	-106.627494	UT_ELEC_S 10_NT30_N2 84_L1	OFOE	SG D Transformer: 2000KVA 480V	1	347	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	347	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0284 - UNM Comprehensive Cancer Center	NT-29: NE of Bldg. #284 Cancer Center	35.09638665	-106.627547	UT_ELEC_S 9_NT29_NE2 84_L1	OFOE	Transformer: 2500KVA 480V	1	603	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	603	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0284 - UNM Comprehensive Cancer Center	EI Oslo Caf6 - West side of basement of CCC	35.09564371	-106.628511	284-FOG-1	UST	F.O.G. Trap	1	40	Fats, Oil, & Grease (F.O.G.)	HDPE	Single-walled	Regular Clean-Out Schedule	Visual Inspection	Locked/Fenced Area	Unknown	N/A	Failure of tank (collapse or puncture below product level)	40	Instantaneous	Indoor	Bldg. 233 (unless indicated otherwise on map)
North	A0285 - State Tri Services Lab	NT-41: North of Bldg. #285 NM Science Lab	35.09668765	-106.63044	UT_ELEC_S 9_NT41_N28 5_L1	OFOE	Cooper Transformer: 2500KVA 480V	1	500	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	500	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0285 - State Tri Services Lab	NT-42: North of Bldg. #285 NM Science Lab	35.09673265	-106.630509	UT_ELEC_S 9_NT42_N28 5_L1	OFOE	Cooper Transformer: 2500KVA 480V	1	500	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	500	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0285 - State Tri Services Lab	NT-43: North of Bldg. #285 NM Science Lab	35.09671065	-106.630474	UT_ELEC_S 9_NT43_N28 5_L1	OFOE	Cooper Transformer: 2500KVA 480V	1	500	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	500	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0285 - State Tri Services Lab	NT-44: North of Bldg. #285 NM Science Lab	35.09675665	-106.630544	UT_ELEC_S 9_NT44_N28 5_L1	OFOE	Transformer: 2500KVA 480V	1	500	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	500	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0288 - UNM Dental Clinic	Southwest corner of UNM Dental Clinic	35.09553284	-106.624263	288-AST-1	AST	Emergency Generator	1	308	Diesel	Steel	Double-walled	Visual Dial Gauge	Visual Inspection	Fenced/Locked Area; Locked Valves	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision; Tank overflow; Corrosion (rust on exterior)	308	Gradual to instantaneous	South and East	Bldg. 233 (unless indicated otherwise on map)
North	A0288 - UNM Dental Clinic	NT-45: East of Bldg. #288 UNM Dental Clinic	35.09564265	-106.624265	UT_ELEC_S 10_NT45_NE 284_L1	OFOE	ABB Transformer: 300KVA/208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0289 - Innovation, Discovery and Training Complex	West of Innovation Discovery Complex	35.09028864	-106.6201016	289-AST-1	AST	Emergency Generator	1	500	Diesel	Steel	Double-walled	Visual Dial Gauge	Visual Inspection	Locked Panels	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision; Tank overflow	500	Gradual to instantaneous	South	Bldg. 233 (unless indicated otherwise on map)
North	A0289 - Innovation, Discovery and Training Complex	NT-6: Inside Bldg. #289 Basement	35.09017665	-106.619334	UT_ELEC_S 7_NT9_B289 _L1	OFOE	ABB Transformer: 1500KVA - 208/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0291 - HSC Business and Communications Center	Southwest corner of Project ECHO (1650 University Blvd.) Center	35.10265437	-106.6255178	291-AST-1	AST	Emergency Generator	1	145	Diesel	Steel	Double-walled	Visual Dial Gauge	Visual Inspection	Fenced Area	Unknown	2	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision; Tank overflow	145	Gradual to instantaneous	East, around the curb, then southwest	Bldg. 233 (unless indicated otherwise on map)
North	A0299A - UNMH PALS	NT-28: East of Bldg. #299A UNMH	35.09016665	-106.615042	UT_ELEC_S 8_NT28_E29 9A_L1	OFOE	Siemens Transformer: 750KVA 12470-480/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0299B - UNMH Psychiatric Center Administration / Activity	NT-25: NW of Bldg. #299B NM Mental Health Center	35.09090065	-106.616518	UT_ELEC_S 8_NT25_NW 299B_L1	OFOE	ABB Transformer: 500KVA 12470-480/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0299C - UNMH Psychiatric Center Inpatient	NT-22: East of Bldg. #299C NM Mental Health Center	35.09001165	-106.616007	UT_ELEC_S 8_NT22_E29 9C_L1	OFOE	ABB Transformer: 300KVA 12470-480/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
North	A0299C - UNMH Psychiatric Center Inpatient	NT-21: East of Bldg. #299C NM Mental Health Center	35.09000965	-106.616044	UT_ELEC_S 8_NT21_E29 9C_L1	OFOE	GE Transformer: 500KVA 12470-208/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
Portable	No set location	Stored in Building 204 staging area during non-use	35.09097369	-106.6235758	BACKUP: AST SNF9905343 48	AST - Portable	Emergency Generator Backup	1	275	Diesel	Steel	Unknown	Visual Level Gauge and Sensing Device	Visual Inspection	Locked in Wall Confinement	Unknown	P	Broken valve	275	Instantaneous	Northwest	Bldg. 233 (unless indicated otherwise on map)

Portable	No set location	Stored in Building 204 staging area during non-use	35.09097369	-106.6235758	BACKUP-AST-SN3753929	AST - Portable	Emergency Generator Backup	1	100	Diesel	Steel	Unknown	Visual Level Gauge and Sensing Device	Visual Inspection	Locked in Wall Confinement	Unknown	P	Broken valve	100	Instantaneous	Northwest	Bldg 233 (unless indicated otherwise on map)
Portable	No set location	Stored in Building 204 staging area during non-use	35.09097369	-106.6235758	BACKUP-AST-SN372147	AST - Portable	Emergency Generator Backup	1	79	Diesel	Steel	Unknown	Visual Level Gauge and Sensing Device	Visual Inspection	Locked in Wall Confinement	Unknown	P	Broken valve	79	Instantaneous	Northwest	Bldg 233 (unless indicated otherwise on map)
Portable	No set location	Current - Building 285 Parking Lot	35.09630813	-106.630368	285-AST-REFRIG	AST - Portable	Emergency Refrigeration Trucks	5	50	Unleaded Gasoline	Not Listed	Not Listed	N/A	Visual Inspection	24/7 security when operational	Unknown	N/A	Tank failure	50	Gradual to instantaneous	East	Bldg 233 (unless indicated otherwise on map)
Remote	A0731 - Sandia Crest	Sandia Crest KNME Transmitter	35.21266801	-106.4501656	731-AST-1	AST	Emergency Generator	1	1500	Diesel	Steel	Double-walled	Yes, Veeder-Root alarm system	Veeder-Root alarm system	Inside locked KNME building. Cameras in place but not working	Unknown	1	Failure of tank (collapse or puncture below product level) due to vandalism	1500	Gradual to instantaneous	East to North	Bldg 233 (unless indicated otherwise on map)
Remote	A0750 - Woodward Center		35.0900863	-106.6359794	PASS ELEV #A_430_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	1 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
Remote	A0806 - Mesa del Sol		34.98676017	-106.6133318	#1 PASS ELEV #A_308_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	59 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301 - South Campus Substation	ST-31: West of Bldg #301 Football/Top of Seats	35.0665464	-106.627323	UT_ELEC_S S6_S731_W 301_L2	OFOE	ABB Transformer: 1500KVA 240V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301 - South Campus Substation	ST-29: West of Bldg #301 Football/Top of Seats	35.06740164	-106.627323	UT_ELEC_S S6_S729_W 301_L2	OFOE	ABB Transformer: 1500KVA 240V/1Ph	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301 - South Campus Substation	ST-32: Inside South Substation	35.06807464	-106.628203	UT_ELEC_S S5_S732_N3 01_L1	OFOE	ABB Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301 - South Campus Substation	ST-30: West of Bldg #301 Football/Top of Seats	35.06696864	-106.627326	UT_ELEC_S S5_S730_W 301_L2	OFOE	ABB Transformer: 75KVA 240V/1Ph	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301 - South Campus Substation	ST-16: SE Corner of Univ. & Avenida Caesar Chavez	35.06823064	-106.630615	UT_ELEC_S S5_S716_W 307_L1	OFOE	RTE Transformer: 75KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301A - Dreamstyle Stadium	ST-18: NW of Bldg #301A Football Press Box	35.06716764	-106.629371	UT_ELEC_S S5_S718_N W301A_L1	OFOE	ABB Transformer: 300KVA 12470 208V/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301A - Dreamstyle Stadium	ST-19: South of Bldg #301A Football Press Box	35.06664664	-106.629312	UT_ELEC_S S5_S719_S3 01A_L1	OFOE	RTE Transformer: 1500KVA 12470 208V/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301E - Concessions	ST-20: North of Bldg #301E Football Concession	35.06638664	-106.629479	UT_ELEC_S S5_S720_N3 01E_L1	OFOE	ABB Transformer: 1500KVA 12470 208V/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301V - Concessions	ST-17: SW of Bldg #301V Football Concession	35.06767464	-106.629496	UT_ELEC_S S5_S717_S W301V_L1	OFOE	ABB Transformer: 1500KVA 12470 208V/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0301W - Concessions	ST-28: Southwest of Bldg #301W Football	35.06756264	-106.627105	UT_ELEC_S S5_S728_SE 301W_L1	OFOE	ABB Transformer: 1500KVA 12470 208V/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0302 - Dreamstyle Arena ("The Pit")	South of "The Pit"	35.06608166	-106.6318563	302-AST-1	AST	Emergency Generator	1	2635	Diesel	Steel	Double-walled	Spill bucket, interstitial monitor, overflow alarm	Interstitial monitor	Within locked gate/confinement	Unknown	1	Dispenser problems. Failure of tank (collapse or puncture below product level)	2635	Gradual to instantaneous	South	Bldg 302
South	A0302 - Dreamstyle Arena ("The Pit")	In dock, south of "The Pit"	35.06616148	-106.6326663	302-FOG-10	AST	F.O.G. Recycling Dumpster	1	300	Fats, Oil, & Grease (F.O.G.)	Steel	None	Regular Clean-Out Schedule	Visual Inspection	Locked/Fenced Area	Unknown	N/A	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision. Tank overfill	300	Instantaneous	South to Storm Drain	Bldg 302
South	A0302 - Dreamstyle Arena ("The Pit")	Throughout "The Pit"	35.06691742	-106.6322742	302-FOG-2-9	AST	F.O.G. Traps	8	40	Fats, Oil, & Grease (F.O.G.)	Steel	Single-walled	Regular Clean-Out Schedule	Visual Inspection	Locked/Fenced Area	Unknown	N/A	Failure of tank (collapse or puncture below product level)	40 each	Gradual to instantaneous	Indoor	Bldg 302
South	A0302 - Dreamstyle Arena ("The Pit")		35.06690762	-106.6322192	#1 PASS ELEV #A_302_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	103 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0302 - Dreamstyle Arena ("The Pit")		35.06690762	-106.6322192	#2 PASS ELEV #A_302_1E3	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	104 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0302 - Dreamstyle Arena ("The Pit")		35.06690762	-106.6322192	#3 PASS ELEV #A_302_1E3	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	105 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0302 - Dreamstyle Arena ("The Pit")	ST-33: South of Bldg #302 UNM Arenal PIT	35.06613964	-106.631856	UT_ELEC_S S5_S733_S3 02_L1	OFOE	ABB Transformer: 1500KVA 208V	1	368	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	368	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0302 - Dreamstyle Arena ("The Pit")	ST-14: South of Bldg #302 UNM Arenal PIT	35.06619864	-106.631846	UT_ELEC_S S5_S714_S3 02_L1	OFOE	PIT Transformer: 1500KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0302 - Dreamstyle Arena ("The Pit")	ST-15: NW of Bldg #302 UNM Arenal PIT	35.06753064	-106.632603	UT_ELEC_S S5_S715_N W302_L1	OFOE	PIT Transformer: 1500KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0302 - Dreamstyle Arena ("The Pit")	In dock, south of "The Pit"	35.06625973	-106.6326701	302-FOG-1	UST	F.O.G. Interceptor	1	1000	Fats, Oil, & Grease (F.O.G.)	Concrete	Single-walled	Regular Clean-Out Schedule	Visual Inspection	Locked/Fenced Area	Unknown	N/A	Failure of tank (collapse or puncture below product level)	1000	Gradual to instantaneous	South then West	Bldg 302
South	A0307 - Colleen J. Maloof - Administration Building	ST-21: West of Bldg #307 CJ Maloof Adm.	35.06538164	-106.629864	UT_ELEC_S S5_S721_W 307_L1	OFOE	ABB Transformer: 300KVA 12470 208V/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0307 - Colleen J. Maloof - Administration Building	ST-22: SE of Bldg #307 CJ Maloof Adm.	35.06500264	-106.629278	UT_ELEC_S S5_S722_SE 307_L1	OFOE	ABB Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0308 - Tow Dielm Athletic Facility	ST-25: East of Bldg #308 Tow Dielm Athletics	35.06597064	-106.627891	UT_ELEC_S S6_S725_E3 08_L1	OFOE	ABB Transformer: 1500KVA 12470 208V/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0308 - Tow Dielm Athletic Facility	ST-24: East of Bldg #308 Tow Dielm Athletics	35.06599964	-106.627898	UT_ELEC_S S6_S724_SE 308_L1	OFOE	ABB Transformer: 750KVA 12470 208V/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0308 - Tow Dielm Athletic Facility		35.0658032	-106.6283672	#1 PASS ELEV #A_308_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	106 to 120	Gradual	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0308 - Tow Dielm Athletic Facility	ST-23: SE of Bldg #308 Tow Dielm Athletics	35.06535064	-106.627916	UT_ELEC_S S6_S723_SE 308_L1	OFOE	SQ D Transformer: 300KVA 208V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0309 - Baseball Press Box	ST-27: North of Bldg #309 UNM Baseball Press Box	35.06527264	-106.633077	UT_ELEC_S S5_S727_N3 09_L1	OFOE	ABB Transformer: 300KVA 480V	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0314 - Baker Memorial Building	ST-28: North of Bldg #314 Baker Mem.	35.06788164	-106.626668	UT_ELEC_S S6_S728_N3 14_L1	OFOE	ABB Transformer: 1500KVA 12470 480V/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)
South	A0317 - Student Family Housing - A SFH	ST-13: North of Bldg #317 SFH	35.07160564	-106.62651	UT_ELEC_S S5_S713_SF H	OFOE	Cooper Transformer: 500KVA RB2A43124Y5 AS04	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg 233 (unless indicated otherwise on map)

South	A0318 - Student Family Housing - B SFH	ST-10: East of Bldg. #318 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST10_SF	OFOE	Cooper Transformer: 25KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0318 - Student Family Housing - B SFH	ST-12: East of Bldg. #318 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST12_SF H	OFOE	Cooper Transformer: 25KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0320 - Student Family Housing - D SFH	ST-07: East of Bldg. #320 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST07_SF H	OFOE	Cooper Transformer: 50KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0321 - Student Family Housing - E SFH	ST-08: South of Bldg. #321 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST08_SF H	OFOE	Cooper Transformer: 25KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0322 - Student Family Housing - F SFH	ST-09: West of Bldg. #322 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST09_SF H	OFOE	Cooper Transformer: 50KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0323 - Student Family Housing - G SFH	ST-11: East of Bldg. #323 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST11_SF H	OFOE	Cooper Transformer: 50KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0324 - Student Family Housing - H SFH	ST-01: South of Bldg. #324 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST01_SF H	OFOE	Cooper Transformer: 50KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0325 - Student Family Housing - J SFH	ST-02: West of Bldg. #325 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST02_SF H	OFOE	Cooper Transformer: 50KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0326 - Student Family Housing - K SFH	ST-06: East of Bldg. #326 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST06_SF H	OFOE	Cooper Transformer: 25KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0327 - Student Family Housing - L SFH	ST-04: South of Bldg. #327 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST04_SF H	OFOE	Cooper Transformer: 50KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0328 - Student Family Housing - M SFH	ST-05: North of Bldg. #328 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST05_SF H	OFOE	Cooper Transformer: 25KVA 12470 240/120	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0329 - Student Family Housing - N SFH	ST-03: SE of Bldg. #329 SFH	35.07180564	-106.62651	UT_ELEC_S S3_ST03_SF H	OFOE	Cooper Transformer: 750KVA 12470 480Y/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0332 - Science & Technology Park - Park Center		35.07197038	-106.6312096	DOVERPASS ELEV#A_332_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	84 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0333 - Science & Technology Park - NM Regional Computer Forensic Laboratory	U1023: West of Bldg. #333 Science & Tech. Park	35.07186664	-106.631859	PNM_S52_1 023_W333_L1	OFOE	Transformer: unknown	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0333 - Science & Technology Park - NM Regional Computer Forensic Laboratory		35.07171384	-106.6319569	#1 PASS ELEV #A_333_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	83 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0335 - Softball Field Storage Building	ST-34: NW Tennis Courts S. Campus	35.06593464	-106.634795	UT_ELEC_S S5_ST34_	OFOE	Sunbelt Transformer: 1500KVA 12470 480Y/277	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0337 - Science & Technology Park - JHMS/NL Advanced Materials Laboratory		35.07067404	-106.6317071	#1 PASS ELEV #A_337_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	82 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0338 - Science & Technology Park - Center for High Technology Materials	West of Science and Technology Park Center for High Tech Materials	35.0700429	-106.6350616	338-AST-1	AST	Emergency Generator	1	250	Diesel	Steel	Double-walled	Visual Dial Gauge	None	Locked/Fenced Area	Unknown	2	Failure of tank (collapse or puncture below product level)	250	Gradual to instantaneous	Southwest	Bldg. 233 (unless indicated otherwise on map)
South	A0338 - Science & Technology Park - Center for High Technology Materials	PMU1361: Northwest of Bldg #336 Science & Tech.	35.07029364	-106.635095	PNM_S51_1 361_NW338_L1	OFOE	Transformer:	1	125 - 320	Oil	Steel	N/A	N/A	Visual Inspection	N/A	Unknown	N/A	Failure of tank (collapse or puncture below product level)	125 - 320	Gradual to instantaneous	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0339 - Science & Technology Park - Park North		35.07262869	-106.631124	#1 PASS ELEV #A_339_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	80 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0339 - Science & Technology Park - Park North		35.07262869	-106.631124	#2 PASS ELEV #A_339_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	81 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0340 - Science & Technology Park - Parking Structure		35.07244351	-106.6333882	#2 PASS ELEV #A_340_1E2	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	71 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0340 - Science & Technology Park - Parking Structure		35.07244351	-106.6333882	#1 PASS ELEV #A_340_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	72 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0341 - Science & Technology Park - Manufacturing Technology and Training Center	Northwest corner of Science and Technology Park Manufacturing Technology and Training Center	35.07269607	-106.6326359	341-AST-1	AST	Emergency Generator	1	250	Diesel	Steel	Double-walled	Visual Dial Gauge; no access to interior	Assumed none; no access to interior	Lock for tank interior/open-walled structure	Unknown	2	Failure of tank (collapse or puncture below product level)	250	Gradual to instantaneous	North/Northwest	Bldg. 233 (unless indicated otherwise on map)
South	A0341 - Science & Technology Park - Manufacturing Technology and Training Center		35.07251349	-106.6322408	#1 PASS ELEV #A_341_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	74 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0344 - Science & Technology Park - Education and Outreach		35.07240545	-106.6349699	PASS ELEV #A_344_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	108 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South	A0346 - Science & Technology Park - Student Support & Success Center		35.06894568	-106.6315098	#1 PASS ELEV #A_346_1E1	OFOE	Elevator Passenger	1	80-120	Hydraulic Fluid	Steel	None	None	None	In locked mechanical room.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	91 to 120	Gradual	Undetermined	Bldg. 233 (unless indicated otherwise on map)
South Golf Course	A0303 - The Championship Golf Course Clubhouse	Lobo Grill - inside Loading Dock	35.03170425	-106.6306673	303-FOG-2	AST	F.O.G. Recycling Dumpster	1	300	Fats, Oil, & Grease (F.O.G.)	Steel	None	Regular Clean-Out Schedule	Visual Inspection	None	Unknown	N/A	Failure of tank (collapse or puncture below product level) due to vandalism or vehicle collision; Tank overflow	300	Instantaneous	West	Bldg. 304
South Golf Course	A0303 - The Championship Golf Course Clubhouse	Lobo Grill	35.03179241	-106.6306074	303-FOG-1	AST	F.O.G. Trap	1	40	Fats, Oil, & Grease (F.O.G.)	Steel	Single-walled	Regular Clean-Out Schedule	Visual Inspection	Locked/Fenced Area	Unknown	2	Failure of tank (collapse or puncture below product level)	40	Gradual to instantaneous	Indoor	Bldg. 304

South Golf Course	A0304 - Golf Course Maintenance Building	Northwest of Golf Course Maintenance Building	35.03571789	-106.6325532	304-AST-2	AST	Waste Oil	1	250	Waste Oil	Steel	Double-walled	Alarm system/interstitial	Interstitial monitor	N/A	Unknown	1	Pumping failure during unloading. Potential spills during filling with waste oil	250	Gradual	Southwest	Bldg. 304
South Golf Course	A0304 - Golf Course Maintenance Building	North of Golf Course Maintenance Building	35.03567144	-106.632649	304-AST-1A	AST - Spill Tank	Equipment refueling	1	3500	Unleaded Gasoline	Steel	Double-walled	Veeder-Root alarm system, overflow alarm near tanks	Veeder-Root alarm system	Alarm system inside locked building, locked fill ports on tank top	Unknown	1	Dispenser problems. Failure of tank (collapse or puncture below product level)	3500	Gradual to instantaneous	Southwest	Bldg. 304
South Golf Course	A0304 - Golf Course Maintenance Building	North of Golf Course Maintenance Building	35.03567144	-106.632649	304-AST-1B	AST - Spill Tank	Equipment refueling	1	1500	Diesel	Steel	Double-walled	Veeder-Root alarm system, overflow alarm near tanks	Veeder-Root alarm system	Alarm system inside locked building, locked fill ports on tank top	Unknown	1	Dispenser problems. Failure of tank (collapse or puncture below product level)	1500	Gradual to instantaneous	Southwest	Bldg. 304
South Golf Course	A0304 - Golf Course Maintenance Building	Inside and in lean-to structures outside Golf Course Maintenance Building	35.03571789	-106.6325532	304-AST-3-13	Drums	Maintenance	10	55	General Lubricating Oil	Steel	Single-walled	None	Visual Inspection	Locked/Fenced Area	Unknown	N/A	Failure of tank (collapse or puncture below product level)	550	Gradual to instantaneous	West	Bldg. 304
South Golf Course	A0315 - Pump House No. 1	Pump House south of Primary Maintenance Building	35.03457839	-106.6324816	315-OF/OE-1	OF/OE	Water Well Pump	5	65	General Lubricating Oil	Steel	Indoor	Indoor	Visual Inspection	In locked shed.	Unknown	N/A	Failure of tank (collapse or puncture below product level)	275	Gradual to instantaneous	Indoor	Bldg. 304









UNM SPCC Plan - 2024 Final Copy

Final Audit Report

2024-04-03

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Transaction ID:	CBJCHBCAABAAObgdI0GMcqU61dkly3h40UNh_jYuwvik

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2024-04-03 - 9:29:39 PM GMT
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2024-04-03 - 9:35:12 PM GMT- IP address: 129.24.33.86
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Signature Date: 2024-04-03 - 9:35:34 PM GMT - Time Source: server- IP address: 129.24.33.86
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2024-04-03 - 9:35:39 PM GMT
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Signature Date: 2024-04-03 - 10:38:20 PM GMT - Time Source: server- IP address: 129.24.55.10
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