New Mexico State University

Environmental Health Safety & Risk Management

Spill Prevention, Control and Countermeasures (SPCC Plan) (40 CFR 112)

New Mexico State University
1780 E. University Ave
Las Cruces NM, 88003

Tier II P.E. Certified Plan

October 26, 2018

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New Mexico State University
Spill Prevention, Control & Countermeasure Plan (SPCC)

WRITTEN COMMITMENT TO MANPOWER, EQUIPMENT, & MATERIALS

New Mexico State University, Environmental Health Safety & Risk Management
1620 Standley Dr. Academic Research Building C, Las Cruces, New Mexico 88003

Designated Person Responsible for Commitment

I hereby certify that I am authorized to provide the necessary manpower, equipment and materials on behalf of New Mexico State University (NMSU) to respond to an oil spill at the NMSU Main Campus and adjacent East Campus in Las Cruces, New Mexico. Oil spill response activities will follow the procedures outlined in the Spill Prevention, Control & Countermeasure Plan (SPCC) where applicable. This signed acknowledgement and commitment to proper spill response in intended to comply with the provisions of 40 CFR 112.7(k)(2)(b).

Glen Haubold, Associate Vice President for Facilities & Services

Name and Title of Designated Authority

Signature

December 4, 2018

Date

Facility Information 40 CFR 112.7(a)(3)

Facility Description

For the purposes of this plan, the facility consists of the NMSU Main Campus and portions of the adjacent East Campus located in Las Cruces, New Mexico. The NMSU Main Campus is generally situated in an area between I-10, and I-25 and University Avenue and consists of 69 Academic Buildings, 47 academic and athletic facilities and 11 residence facilities. The adjacent East Campus is located East of I-10 and consists primarily of the NMSU Golf Course, Rodeo Grounds and Insectary. The total area encompassed by this plan is approximately 1,950-acres.

Oil Storage at this facility consists of a total of 20 aboveground storage tanks (AST's), which includes 55-gallon drums. Oil storage also consists of oil-filled operational equipment including:

- 266 Transformers
- 15 Emergency Generators
- 24 Electrical Switches
- 92 Elevators

Hours of operation at the various academic buildings, academic services, athletic facilities and residence facilities are variable but the NMSU personnel and/or NMSU Police are generally present on the NMSU Main Campus and East Campus (24) hours a day (7) days a week.

Facility Location & Nearby Navigable Waters

The facility is the entire NMSU Main Campus and East Campus located in Las Cruces, New Mexico. The western edge of the Facility is approximately 3.47 miles east of the Rio Grande, which is the nearest intermittent flowing and significant navigable water. The general flow of water flows through various channels within the facility ultimately flowing to the Elephante Butte Irrigation District (EBID) Bouggy Spur Drain. Final discharge is the Rio Grande. Topography of the facility generally slopes from east to west with over 320 feet of elevation change from the East Campus down to the NMSU Main Campus.

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Appendices:

Tables:

Tier II Qualified Facility SPCC Plan

This template constitutes the SPCC Plan for the facility, when completed and signed by the owner or operator of a facility that meets the applicability criteria in §112.3(g)(2). This template addresses the requirements of 40 CFR part 112. Maintain a complete copy of the Plan at the facility if the facility is normally attended at least four hours per day, or for a facility attended fewer than four hours per day, at the nearest field office. When making operational changes at a facility that are necessary to comply with the rule requirements, the owner/operator should follow state and local requirements (such as for permitting, design and construction) and obtain professional assistance, as appropriate.

Facility Description

Facility Name: New Mexico State University

Facility Address: 1780 E University Ave

City: Las Cruces State: New Mexico ZIP: 88003

County: Dona Ana Tel. Number: (575)646 - 3327

Owner or Operator Name: Board of Regents New Mexico State University

Owner or Operator Address: 1620 Standley Drive Academic Research, Building C

City: Las Cruces State: New Mexico ZIP: 88003

County: Dona Ana County Tel. Number: (575)646 - 3327

I. Self-Certification Statement (§112.6(b)(2))

The owner or operator of a facility certifies that each of the following is true in order to utilize this template to comply with the SPCC requirements:

I Jack Kirby certify that the following is accurate:

1. I am familiar with the applicable requirements of 40 CFR part 112;
2. I have visited and examined the facility;
3. This Plan was prepared in accordance with accepted and sound industry practices and standards, and with the requirements of 40 CFR part 112;
4. Procedures for required inspections and testing have been established;
5. I will fully implement the Plan;
6. This facility meets the following qualification criteria (under §112.3(g)(2)):
    a. The aggregate aboveground oil storage capacity of the facility is 10,000 U.S. gallons or less; and
    b. The facility has had no single discharge as described in §112.1(b) exceeding 1,000 U.S. gallons and no two discharges as described in §112.1(b) each exceeding 42 U.S. gallons within any twelve month period in the three years prior to the SPCC Plan self-certification date, or since becoming subject to 40 CFR part 112 if the facility has been in operation for less than three years (not including oil discharges as described in §112.1(b) that are the result of natural disasters, acts of war, or terrorism).
7. The Plan does not deviate from any requirement of this part as allowed by §112.7(a)(2) and 112.7(d), or include an exemption/measures pursuant to §112.9(c)(6) for produced water containers and any associated piping and appurtenances downstream from the container, except as provided in §112.6(b)(3); and
8. This Plan and individual(s) responsible for implementing this Plan have the full approval of management and have committed the necessary resources to fully implement this Plan.

I also understand my other obligations relating to the storage of oil at this facility, including, among others:

1. To report any oil discharge to navigable waters or adjoining shorelines to the appropriate authorities. Notification information is included in this Plan.
2. To review and amend this Plan whenever there is a material change at the facility that affects the potential for an oil discharge, and at least once every five years. Reviews and amendments are recorded in an attached log [See Five Year Review Log and Technical Amendment Log in Attachments 1.1 and 1.2.]
3. Optional use of a contingency plan. A contingency plan:
   a. May be used in lieu of secondary containment for qualified oil-filled operational equipment, in accordance with the requirements under §112.7(k), and;
   b. Must be prepared for flowlines and/or intra-facility gathering lines which do not have secondary containment at an oil production facility, and;
   c. Must include an established and documented inspection or monitoring program; must follow the provisions of 40 CFR part 109; and must include a written commitment of manpower, equipment and materials to expeditiously remove any quantity of oil discharged that may be harmful. If applicable, a copy of the contingency plan and any additional documentation will be attached to this Plan as Attachment 2.

I certify that I have satisfied the requirement to prepare and implement a Plan under §112.3 and all of the requirements under §112.6(b). I certify that the information contained in this Plan is true.

Signature Jack F. Kirby Title: Assistant Director

Name Jack Kirby Date: 12 / 12 / 2018

JACK KIRBY NEW MEXICO 14243 REGISTERED PROFESSIONAL ENGINEER

II. Record of Plan Review and Amendments Technical Amendments, Applicable Requirements and Professional Engineer Certifications (§112.5(a), (d) and 112.6(b)(2))

Table G-1 Five Year Review and Technical Amendments (§§112.5(a) and 112.6(b)(2) and (3))	
This SPCC Plan will be amended when there is a change in the facility design, construction, operation, or maintenance that materially affects the potential for a discharge to navigable waters or adjoining shorelines. Examples include adding or removing containers, reconstruction, replacement, or installation of piping systems, changes to secondary containment systems, changes in product stored at this facility, or revisions to standard operating procedures. *[§112.5(a)]* **[See Technical Amendment Log in Attachment 1.2]**	☒
Any technical amendments to this Plan (when there is a change in the facility design, construction, operation or maintenance that affects its potential for a discharge) will be re-certified in accordance with Section I of this Plan template if the change does not result in the facility no longer meeting the Tier II qualified facility eligibility. *[§112.6(b)(2)]*	☒
If, as a result of any change in the facility design, construction or operation that causes the facility to no longer meet the Tier II qualified facility eligibility, the owner or operator will, within six months following the change, prepare and implement a Plan in accordance with the general Plan requirements in §112.7 and the applicable requirements in subparts B and C of 40 CFR 112, including having the Plan certified by a Professional Engineer. *[§112.6(b)(2)(ii)]*	☒
Complete a review and evaluation of this SPCC Plan at least once every five years. As a result of the review, amend this SPCC Plan within six months to include more effective prevention and control measures for the facility, if applicable. Implement any amendment as soon as possible, but no later than six months following the Plan amendment. Document completion of the review and evaluation, and complete the Five Year Review Log in Attachment 1.1. If the facility no longer meets the Tier II qualified facility eligibility, the owner or operator must complete a full PE certified Plan. *[§112.5(d)]* **[See Five Year Review Log in Attachment 1.1]**	☒
If a Professional Engineer certified a portion of your Plan and technical amendments are made that affect your Plan, you must have the amended provisions of your Plan re-certified by a Professional Engineer. *[§112.6(b)(2)(i)]*	☒
Alternate methods which provide environmental equivalence are reviewed and certified in writing by a Professional Engineer. The PE review and certification must be included with this Plan. *[§112.6(b)(3)(i)]*	☒
Any determinations that secondary containment is impracticable and provisions in lieu of secondary containment have been reviewed and certified in writing by a Professional Engineer. The PE review and certification must be included with this Plan. *[§112.6(b)(3)(ii)]*	☒

III. Plan Requirements

1. Facility Diagram (§112.7(a)(3)):

Table G-2 Facility Diagram	
Describe in your Plan the physical layout of the facility and include a facility diagram, which must mark the location and contents of each fixed oil storage container and the storage area where mobile or portable containers are located[a]. The facility diagram must identify the location of and mark as "exempt" underground tanks that are otherwise exempted from the requirements of this part under §112.1(d)(4), and produced water containers and any associated piping and appurtenances downstream from the container, that are otherwise exempted from the requirements of this part under §112.1(d)(12). The facility diagram must also include all transfer stations (such as tank loading and unloading areas) and connecting pipes, including intra-facility gathering lines that are otherwise exempted from the requirements of this part under §112.1(d)(11). *[§112.7(a)(3)]*	☒

Please See Appendix A

2. Oil Storage Containers (§112.7(a)(3)(i)):

Table G-3 Oil Storage Containers and Capacities

This table includes a complete list of all oil storage containers (aboveground containers[b] and completely buried tanks[c]) with capacity of 55 U.S. gallons or more, unless otherwise exempt from the rule. For mobile/portable containers, an estimated number of containers, types of oil, and anticipated capacities are provided. ☒

Include bulk tanks and containers (stationary and portable), oil-filled equipment, and oil-filled electrical equipment. Please see Attachments A - F

Oil Storage Container *(indicate whether aboveground (A) or completely buried (B))*	**Type of Oil**	**ID Code** *(from Table G-2)*	**Shell Capacity (gallons)**
Appendix A - Facility Diagram			
Appendix B - AST's			**5,165**
Appendix C - Transformers			**48, 789**
Appendix D - Emergency Generators			**5,135**
Appendix E - Switches			**1,320**
Appendix F - Elevators			**5,060**
Appendix G - Written Commitment of Man Power			

Total Aboveground Oil Storage Capacity [d] 65,469 gallons
Total Completely Buried Oil Storage Capacity 0 gallons
Facility Total Oil Storage Capacity 65,469 gallons

[b] Aboveground storage containers that must be included when calculating total facility oil storage capacity include: tanks and mobile or portable containers; oil-filled operational equipment (e.g. transformers); other oil-filled equipment**,** such as flow-through process equipment. Exempt containers that are not included in the capacity calculation include: any container with a storage capacity of less than 55 gallons of oil; permanently closed containers; motive power containers; hot-mix asphalt containers; heating oil containers used solely at a single-family residence; and pesticide application equipment or related mix containers.

[c] Completely buried tanks at a qualified facility which are in compliance with federal and California underground storage tank requirements and permitted as USTs under a UPA permit are excluded from the SPCC rule (per 40 CFR 112.1(d)(4) and are not counted toward the qualified facility applicability threshold. However, completely buried USTs must be identified/listed in the SPCC Plan and marked on the facility diagram.

[d] Counts toward qualified facility applicability threshold.

3. Oil Spill Control (§§112.7(a)(3)(ii) & (iii)):

Table G-4 Oil Spill Control	
Discharge prevention measures including procedures for routine handling of oil products (loading, unloading and facility transfers) have been created and are being implemented. *[§112.7(a)(3)(ii)]*	☒

The following is a description, listing or summary of the procedures for routine oil handling in place at this facility:

Good housekeeping measures are employed at the facility through informal weekly walk around inspections and formal monthly inspections. Bulk storage tanks and oil-filled operational equipment are inspected on a routine basis. Aboveground piping rests on the pipe support blocks or landing clamps and are rountinely inspected. Secondary containment sturctures are around the AST's where applicable, and training is required for all on-site operators and NMSU drivers.

All suppliers must meet minimum requirements and regulations for tank truck loading/unloading established by the U.S Department of Transportation. Procedures will be established so that vendor(s) understands the facility layout, knows protocol for entering the facility and unloading product, and has the necessary equipment to respond to a discharge from the vehicle or fuel delivery hose. The departmental manager or his/her designee supervises oil deliveries for all new suppliers, and periodically observes deliveries for existing, approved suppliers. Vehicle/ equipment filling operations are performed by operating personnel trained in the proper discharge prevention procedures. The driver or equipment operating personnel will remain with the vehicle/equipment at all times while fuel is being transferred. Transfer operations are performed according to the minimum procedures outlined in Table 3 of this plan.

Discharge or drainage controls such as secondary containment around containers and other structures, equipment, and procedures for the control of a discharge have been implemented. *[§112.7(a)(3)(iii)]*	☒

The following is a description, listing or summary of the discharge controls and procedures in place at this facility:

The facility utilizes various concrete pads and aboveground containment structures to control discharges and/or drainage direction. These structures are designed to prohibit oil from entering a drainage pathway and migrating offsite. A summary of the discharge and drainage controls for each bulk storage container (AST) at the facility is provided in Appendix B.

Generalized sheet flow runoff is directed through various drainage structures with an east to west flow. Should precipitation that falls onto this facility accumulate inside the containment structures, NMSU personnel will allow solids to settle and a visual inspection for sheen will be conducted prior to discharge. Any discharge found in the containment areas will be pumped and disposed of appropriately.

Tank owners invloved with AST's will be properly trained in identifying proper secondary containment as well as handling and storage of AST's on site.

5. Procedures for Discharge Discovery, Response and Cleanup (§112.7(a)(3)(iv) & (v) and 112.7(a)(5)):

Table G-5 Description of Discharge Countermeasures / Emergency Procedures	
The following is a description of the immediate actions (countermeasures) for discharge discovery, response and cleanup to be taken by facility personnel (and an outside contractor) in the event of a discharge to navigable waters or adjoining shorelines *[§112.7(a)(3)(iv) and 112.7(a)(5)]*: The facilities countermeasure plans for discovery of a discharge primarily involve prevention measures or best management practices (BMPs). Examples of BMPs to be employed at the site include standard operation procedures such as truck unloading procedures, routine inspections, tests, and preventive operating practices such as alarms, controls, and good maintenance. Additionally, security measures, such as limited access and 24-hour on-site and personnel training, minimize the likelihood of a major release. Spill response equipment/kits shall be located on site. Should a release occur, facility personnel will utilize emergency response equipment/kits, obtain assistance to contain and clean up the release and notify appropriate federal and state agencies, management, and safety and environmental personnel according to procedure documents in this Plan. Discharge Response: In general, the following steps are taken. Identifying and eliminating potential spark sources. Identify and shut down source of the discharge to stop flow. Contain the discharge with sorbents, berms, fences, trenches, sandbags, or other material. Contact of the facility personnel and regulatory authorities for reporting and disposal. In the event of a major discharge the following guidlines apply: - Determine the need for evacuation and establish an evacuation plan. - Tank owners initiate notification and response - Tank owners must determine the need for rescue and alert ambulance, fire department, paramedics, etc. and request as needed by calling 911. - Tank owners must notify the NMSU Fire Department or NMSU Police Department. - EHS&RM must contact the New Mexico Environment Department and the National Response Center - EHS&RM must record the call on the Discharge Notification Form in Attachment 4 and attach a copy to this plan - EHS&RM coordinates cleanup and obtains assistance from the cleanup contractor or other response organizations as necessary.	☒

Table G-6 Disposal of Recovered Materials	
The following is a description of the methods of disposal of recovered materials in accordance with applicable legal requirements *[§112.7(a)(3)(v)]*: Method of Disposal: In conjunction with the oil spill cleanup efforts, the facility personnel will arrange for the proper removal and disposal of spill residues ad impacted media in a timely and diligent manner. Methods of disposing or handling recovered materials associated with a spill event depend on the quantity of recoverable fluids and size of the spill. For small discharges, the impacted media will be containerized in impervious bags, drums, or buckets. The facility personnel will characterize the waste for proper disposal and ensure that it is removed from the facility by a licensed waste hauler. Wastes resulting from a major discharge response will be removed and disposed of by NMSU or a cleanup contractor.	☒

6. Contact List (§112.7(a)(3)(vi)):

Table G-7 Contact List	
Contact Organization / Person	**Telephone Number**
National Response Center (NRC)	1-800-424-8802
Cleanup Contractor(s) Rhino Environmental	1-800-762-0241
Key Facility Personnel	
Designated Person Accountable for Discharge Prevention: Jack Kirby,P.E., Assistant Director, New Mexico State University, Environment Health Safety and Risk Management	Office: (575) 646-7102
	Emergency: (575)-520-0651
Michael Lucero, Hazardous Materials Specialist, New Mexico State University, Environmental Health Safety and Risk Management	Office: (575) 646-1754
	Emergency: (575) 642-1218
Katrina Doolittle, Executive Director , New Mexico State Univeristy, Environmental Health Safety and Risk Management	Office: (575) 646-5427
	Emergency: (575) 644-2676
	Office:
	Emergency:
Dona Ana County Office of Emergency Management	575-647-7900
Other State, Federal, and Local Agencies New Mexico Environmental Department	(575) 288-2050
Unified Program Agency	
Local Fire Department NMSU Fire Department	911: (575) 646 - 2519 (non-emergency)
Local Police Department NMSU Police Department	911: (575) 646 - 3311
Hospital Memorial Medical Hospital	(575) 522-8641
Other Contact References (e.g., downstream water intakes or neighboring facilities) PIG: Spill Containment/Clean Up Suppliers	1-888-468-4647
Grainger: Spill Containment/Clean Up Equipment Suppliers	1-800-470-4643
Clean Harbors Environmental Services & Waste Disposal	1-800-444-4244

7. NRC Notification Procedure (§112.7(a)(4)):

Table G-8 NRC Notification Procedure	
In the event of a discharge of oil to navigable waters or adjoining shorelines, the following information identified in Attachment 4 will be provided to the National Response Center immediately following identification of a discharge to navigable waters or adjoining shorelines[e] **[See Discharge Notification Form in Attachment 4]**: *[§112.7(a)(4)]*	☒
• The exact address or location and phone number of the facility; • Date and time of the discharge; • Type of material discharged; • Estimate of the total quantity discharged; • Estimate of the quantity discharged to navigable waters; • Source of the discharge; • Description of all affected media; • Cause of the discharge; • Any damages or injuries caused by the discharge; • Actions being used to stop, remove, and mitigate the effects of the discharge; • Whether an evacuation may be needed; and • Names of individuals and/or organizations who have also been contacted.	

8. SPCC Spill Reporting Requirements (Report within 60 days) (§112.4):

Submit information to the US EPA Regional Administrator (RA) and the appropriate agency or agencies in charge of oil pollution control activities in the State[f] in which the facility is located within 60 days from one of the following discharge events:

- A single discharge of more than 1,000 U.S. gallons of oil to navigable waters or adjoining shorelines or
- Two discharges to navigable waters or adjoining shorelines each more than 42 U.S. gallons of oil occurring within any twelve month period

You must submit the following information to the RA:

(1) Name of the facility;

(2) Your name;

(3) Location of the facility;

(4) Maximum storage or handling capacity of the facility and normal daily throughput;

(5) Corrective action and countermeasures you have taken, including a description of equipment repairs and replacements;

(6) An adequate description of the facility, including maps, flow diagrams, and topographical maps, as necessary;

(7) The cause of the reportable discharge, including a failure analysis of the system or subsystem in which the failure occurred; and

(8) Additional preventive measures you have taken or contemplated to minimize the possibility of recurrence

(9) Such other information as the Regional Administrator may reasonably require pertinent to the Plan or discharge

[f] This includes the California Emergency Management Agency, Regional Water Quality Control Board, and the UPA.

9. Containers with Potential for an Oil Discharge (§112.7(b)):

Table G-9 below identifies the tanks and containers at the facility with the potential for an oil discharge; the mode of failure; rate of flow; the flow direction and potential quantity of the discharge; and the secondary containment method and containment capacity that is provided. Use additional pages if necessary.

Table G-9 Containers with Potential for an Oil Discharge

Area or ID Code (from Tables G-2 and G-3)	Type of failure (discharge scenario)	Potential discharge volume (gallons)	Flow rate (gal per minute or other)	Direction of flow for uncontained discharge	Secondary containment method[g]	Secondary containment capacity (gallons)
Bulk Storage Containers and Mobile/Portable Containers[h]						
Please see Appendix B	Appendix B	Appendix B	Appendix B	Appendix B	Appendix B	Appendix B
Oil-filled Operational Equipment (e.g., hydraulic equipment, transformers)[i]						
Please see Appendix						
C,D,E,F	Appendix C,D,E,F	C,D,E,F	C,D,E,F	C,D,E,F	Appendix C,D,E,F	C,D,E,F
Piping, Valves, etc.						
Product Transfer Areas (location where oil is loaded to or from a container, pipe or other piece of equipment.)						
Other Oil-Handling Areas or Oil-Filled Equipment (e.g. flow-through process vessels at an oil production facility)						

[g] Use one of the following methods of secondary containment or its equivalent: (1) Dikes, berms, or retaining walls sufficiently impervious to contain oil; (2) Curbing; (3) Culverting, gutters, or other drainage systems; (4) Weirs, booms, or other barriers; (5) Spill diversion ponds; (6) Retention ponds; or (7) Sorbent materials.

[h] For storage tanks and bulk storage containers, the secondary containment capacity must be at least the capacity of the largest container plus additional capacity to contain rainfall or other precipitation.

[i] For oil-filled operational equipment: Document in the table above if alternative measures to secondary containment (as described in §112.7(k)) are implemented at the facility.

10. Containment or Diversionary Structures or Equipment to Prevent Oil Discharge (§112.7(c)):

Table G-10 Containment and/or Diversionary Structures or Equipment	
Appropriate secondary containment and/or diversionary structures or equipment[j] is provided for all oil handling containers, equipment, and transfer areas to prevent a discharge to navigable waters or adjoining shorelines[k]. The entire secondary containment system, including walls and floor, is capable of containing oil and is constructed so that any discharge from a primary containment system, such as a tank or pipe, will not escape the containment system before cleanup occurs. *[§112.7(c)]*	☒

[j] Use one of the following methods of secondary containment or its equivalent: (1) Dikes, berms, or retaining walls sufficiently impervious to contain oil; (2) Curbing; (3) Culverting, gutters, or other drainage systems; (4) Weirs, booms, or other barriers; (5) Spill diversion ponds; (6) Retention ponds; or (7) Sorbent materials.

Except as noted below in footnote k for bulk storage containers and tanks (and loading/unloading racks), containment may be active or passive in design or operation, and the containment method, design, and capacity need only address the typical failure mode, and the most likely quantity of oil that would be discharged.

[k] Secondary containment for bulk storage containers and tanks must meet additional criteria (40 CFR 112.8(c) for stationary bulk tanks/containers and 40 CFR 112.8(c)(11) for portable tanks/containers (see Section A of this Plan). Secondary containment for tank truck/rail car loading or unloading racks must meet the criteria in 40 CFR 112.7(h)(1) (see Table G-15 of this Plan).

11. Containment Impracticability (§112.7(d)):

Table G-11 Determination of Impracticability and Provision of Alternative Measures		N/A
This facility has determined that the installation of containment structures or pieces of equipment required by/listed in §§112.7(c) and 112.7(h)(1), and §§112.8(c)(2), 112.8(c)(11), 112.9(c)(2), 112.10(c), 112.12(c)(2), and 112.12(c)(11) to prevent a discharge as described in §112.1(b)[l] is not practicable. For bulk storage containers, the facility will conduct both periodic integrity testing of the containers and periodic integrity and leak testing of the valves and piping; and, unless a Facility Response Plan has been submitted to US EPA under §112.20, attached to this plan is an oil spill contingency plan following the provisions of 40 CFR part 109, and a written commitment of manpower, equipment, and materials required to expeditiously control and remove any quantity of oil discharged that may be harmful. *[§112.7(d)]*	☒	☐
The determination that secondary containment is impracticable and provisions in lieu of secondary containment have been reviewed and certified in writing by a Professional Engineer. The PE review and certification must be included with this Plan. *[§§112.6(b)(3)(ii) and 112.7(d)]*	☒	☐
The following is a clear explanation of why such containment structures or measures are not practicable: Areas within the facility where secondary containment is impracticable and identified as oil-filled operational equipment CFR 112.2. Under CFR 112.7(k) the owner operator of a facility with oil-filled operational equipment that meets specific qualifications criteria may choose to implement the alernate requirements for qualified oil-filled operational equipment in lieu of the general secondary containment required in CFR 112.7(C). All transformers, switches, emergency generators and elevators have been identified as qualified oil-filled operational equipment at the facility that meet the qualification criteria listed in 40 CFR 112.7(k)(1), therefore alternative requirements to general secondary containment listed in 40 CFR (k)(2) are in use at the facility at this time and NMSU has developed an inspection and monitoring program to detect equipment failure and/or a discharge. Additionally, with the signed Written Commitment to Manpower, Equipment and Materials provided in Appendix G NMSU is committed to provide manpower, equipment and materials to expeditiously control and remove any quantity of oil that may be harmful.		☒

[l] A "discharge as described in §112.1(b)" generally means a discharge of oil in harmful quantities to a navigable water of the United States. A harmful quantity is the amount of oil which could cause a sheen upon the water, create an emulsion, or deposit a sludge upon the shoreline. 'Navigable waters of the United States' may include storm drain systems and culverts.

12. Inspections, Testing, and Recordkeeping (§§112.7(e), 112.8(c)(6) and (d)(4), 112.9(c)(3), 112.12(c)(6) and (d)(4)):

Table G-12 Inspections, Testing, and Recordkeeping	
Inspections, tests, and records are conducted in accordance with written procedures developed for the facility. *[§112.7(e)]*	☒
Inspections and tests are signed by the appropriate supervisor or inspector. *[§112.7(e)]*	☒
An inspection and/or testing program is implemented for all aboveground bulk storage containers and piping at this facility. *[§§112.8(c)(6) and (d)(4), 112.9(c)(3), 112.12(c)(6) and (d)(4)]*	☒

The following is a description of the inspection and/or testing program (e.g. description, summary or list of the written inspection/testing procedures in place; reference to the industry standard utilized; the scope, frequency, method of inspections or tests; and the qualifications of the person conducting the inspection) for all aboveground bulk storage containers and piping at this facility:

Inspections and equipment shall be part of the routine job assignments conducted by tank owner. A designated representative for the facility shall perform routine visual inspections of the transformers, switches, emergency generators, elevators, storage tanks, piping, valves, containment areas and unloading areas at various times throughout the year with the intent of inspecting ASTs quarterly and all items at least annually. These inspections will be aimed at identifying and correcting defects in the storage tanks, related equipment and containment areas at the site. Appropriate corrective actions will promptly be taken to prevent discharge of oil as a result of any observed deficiencies. Inspections will be documented with the appropriate inspector's signature and date kept in the NMSU Environmental Health Safety and Risk Management office. Deficiencies discovered during routine site inspections shall be recorded in a logbook that is maintained at the facility. Required records shall be kept for a minimum of three (3) years. A copy of an inspection checklist schedule is located in Table 1. Results shall be recorded on an inspection form (Table 2). During regularly scheduled inspections, facility personnel will visually inspect SPCC-regulated containers for indication of potential leaks. Inspections will include signs of deterioration to foundation or supports, discharges, aboveground piping, valves, joints, mechanisims, and metal surfaces associated with the containers. Records of inspections will be maintained in the NMSU Environmental Health Safety & Risk Management office. The facility is not considered a oil productions facility and requirements 112.(c)(6) and (d)(4) do not apply to this site.

13. Personnel Training (§112.7(f)):

Table G-13 Personnel, Training, and Discharge Prevention Procedures [§112.7(f)]	
Oil-handling personnel are 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 the facility SPCC Plan. *[§112.7(f)]* **[See Oil-handling Personnel Training and Briefing Log in Attachment 3.4]**	☒
A person who reports to facility management is designated and accountable for discharge prevention. [112.7(f)] Name/Title: Katrina Doolittle / Executive Director to Environmental Health Safety & Risk Management	☒
Discharge prevention briefings are conducted for oil-handling personnel annually to assure ad **[See Oil-handling Personnel Training and Briefing Log in Attachment 3.4]**equate understanding of the SPCC Plan for that facility. Such briefings highlight and describe past reportable discharges or failures, malfunctioning components, and any rec developed precautionary measures.*[§112.7(f)]*	☒

14. Security (excluding oil production facilities) (§112.7(g):

Table G-14 Implementation and Description of Security Measures	
Security measures are implemented at this facility to prevent unauthorized access to oil handling, processing, and storage area.	☒

The following is a description of how the facility secures and controls access to the oil handling, processing and storage areas; secure master flow and drain valves; prevents unauthorized access to starter controls on oil pumps; secures out-of-service and loading/unloading connections of oil pipelines; and addresses the appropriateness of security lighting to both prevent acts of vandalism and assist in the discovery of oil discharges:

The NMSU Main Campus is regularly occupied by NMSU personnel and NMSU Police twenty-four (24) hours a day seven (7) days a week and lighting is sufficient in all areas to discover a discharge occurring during hours of darkness by operating or non-operating personnel (general pulic, NMSU Campus Police, etc.) and prevention of discharge through acts of vandalism. The East Campus is generally occupied ten (10) to twelve (12) hours during a regular work day and lighting is also generally sufficient with the exception of the Rodeo Grounds and Insectary. However, general access to the Rodeo Grounds and Insectary is restricted by a locked gate and bollards located on the access road immediately east of the entrance to the NMSU Golf Course. All vessel valves at this facility are closed when liquid transfer is not occurring. Personnel are trained to operate and maintain the tanks and/or equipment located in their respective areas of the facility. There are no starter controls associated with the ASTs at this facility.

15. Facility Tank Car and Tank Truck Loading/Unloading Rack (excluding offshore facilities, farms, and oil production facilities) (§112.7(h)):

Table G-15 Loading/Unloading Racks		N/A
Where loading/unloading rack drainage does not flow into a catchment basin or treatment facility designed to handle such discharges, the facility will use a quick drainage system for tank car or tank truck loading/unloading racks. The facility will design all containment systems to hold at least the maximum capacity of a tank car or tank truck loaded or unloaded at the facility.	☒	☐
The facility will provide an interlocked warning light or physical barrier system, warning signs, wheel chocks or vehicle brake interlock system in the area adjacent to a loading/unloading rack, to prevent vehicles from departing before complete disconnection of flexible or fixed oil transfer lines.	☐	☒
Prior to filling and departure of any tank car or tank truck at the facility, employees will closely inspect for discharges at the lower most 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.	☒	☐

16. Field Constructed Aboveground Containers (§112.7(i)):

Table G-16 Field Constructed Aboveground Containers		N/A
If a field-constructed aboveground container at the facility 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, the facility will evaluate the container for risk of discharge or failure due to brittle fracture or other catastrophe, and as necessary, take appropriate action. No field-constructed tanks are located at the Site.	☐	☒

17. Conformance with Other Applicable Requirements (§112.7(j)):

Table G-17 Conformance with Other Applicable State Rules or Regulations [§112.7(i)]
In addition to the minimal prevention standards listed under this section, the following is a complete discussion of conformance with any applicable more stringent State rules, regulations, and guidelines. *[§112.7(i)]*

* * * * *

NOTE: Complete one of the following sections (A, B or C) as appropriate for the facility type.

A. Onshore Facilities (excluding production) (§§112.8(b) through (d), 112.12(b) through (d)):

The owner or operator must meet the general rule requirements as well as requirements under this section. Note that not all provisions may be applicable to all owners/operators. For example, a facility may not maintain completely buried metallic storage tanks installed after January 10, 1974, and thus would not have to abide by requirements in §§112.8(c)(4) and 112.12(c)(4), listed below. **In cases where a provision is not applicable, write "N/A".**

Table G-18 General Rule Requirements for Onshore Facilities		N/A
Facility Drainage Requirements		
Drainage from diked storage areas is restrained 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 that must be manually activated after inspecting the condition of the accumulation to ensure no oil will be discharged. *[§§112.8(b)(1) and 112.12(b)(1)]*	☒	☐
Valves of manual, open-and-closed design are used for the drainage of diked areas. *[§§112.8(b)(2) and 112.12(b)(2)]*	☐	☒
Facility drainage systems from undiked areas with a potential for a discharge are designed to flow into ponds, lagoons, or catchment basins to retain oil or return it to the facility. Catchment basins are not located in areas subject to periodic flooding. *[§112.8(b)(3) and 112.12(b)(3)]*	☒	☐
If facility drainage is not engineered as in (b)(3) above, the facility will 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. *[§112.8(b)(4) and 112.12(b)(4)]*	☐	☒
Where drainage waters are treated in more than one treatment unit and such treatment is continuous, and pump transfer is needed, two "lift" pumps are provided and at least one of the pumps is permanently installed. Whatever techniques are used, facility drainage systems have been engineered to prevent a discharge as described in §112.1(b) in case there is an equipment failure or human error at the facility. *[§112.8(b)(5) and 112.12(b)(5)]*	☐	☒
Bulk Storage Container Requirements		
The containers at the facility are compatible with materials stored and conditions of storage such as pressure and temperature. *[§§112.8(c)(1) and 112.12(c)(1)]*	☒	☐
All facility bulk storage tank installations (including mobile or portable oil storage containers) provide a secondary means of containment for the entire capacity of the largest single container and sufficient freeboard to contain precipitation. Diked areas are sufficiently impervious to contain discharged oil. *[§112.8(c)(2) & (c)(11)]*	☒	☐
An alternative containment system has been provided consisting of a drainage trench enclosure arranged so that any discharge will terminate and be safely confined in a facility catchment basin or holding pond. *[§112.8(c)(2)]*	☒	☐
Mobile refuelers and/or other non-transportation related tank trucks are provided with general containment or other diversionary structures or equipment meeting §112.7(c) (see Table G-10). *[§112.8(c)(11)]*	☒	☐
Mobile or portable oil storage containers are positioned to prevent a discharge as described in §112.1(b). *[§112.8(c)(11)]*	☒	☐
Diked Area Drainage		
If uncontaminated rainwater from diked areas drains into a storm drain or open watercourse (bypassing any facility effluent treatment system) the following procedures will be implemented at the facility: *[§§112.8(c)(3)(i – iv) and 112.12(c)(3)(i – iv)]*		☐
• Bypass valve is normally sealed closed	☒	☐
• Retained rainwater is inspected to ensure that its presence will not cause a discharge to navigable waters or adjoining shorelines	☒	☐
• Bypass valve is opened and resealed following drainage under responsible supervision	☒	☐
• Adequate records of drainage are kept **[See Dike Drainage Log in Attachment 3.3]**	☒	☐

Table G-18 General Rule Requirements for Onshore Facilities		N/A
Buried Tanks		
For completely buried metallic tanks installed on or after January 10, 1974 at this facility: *[§112.8(c)(4) and 112.12(c)(4)]*	☐	☒
• Tanks have corrosion protection with coatings or cathodic protection compatible with local soil conditions.	☐	☒
• Regular leak testing is conducted.	☐	☒
For partially buried or bunkered metallic tanks *[§112.8(c)(5) and §112.12(c)(5)]*:		
• Tanks have corrosion protection with coatings or cathodic protection compatible with local soil conditions.	☐	☒
Bulk Container Inspection and Testing		
Each aboveground bulk container is tested or inspected for integrity on a regular schedule and whenever material repairs are made. Records of testing and inspection are kept – including comparison records. Scope and frequency of the inspections and inspector qualifications are in accordance with industry standards. **See Bulk Storage Container Inspection Schedule in 3.2]** *[§112.8(c)(6) and §112.12(c)(6)(i)]* See Table 2 for NMSU AST's Form	☒	☐
Outsides of bulk storage containers are frequently inspected for signs of deterioration, discharges, or accumulation of oil inside diked areas. Container supports and foundations are regularly inspected. *[§§112.8(c)(6) and 112.12(c)(6)]* See Table 2	☒	☐
For bulk storage containers that are subject to 21 CFR part 110 which are shop-fabricated, constructed of austenitic stainless steel, elevated and have no external insulation, formal visual inspection is conducted on a regular schedule. Appropriate qualifications for personnel performing tests and inspections are documented. **[See Inspection Log and Schedule and Bulk Storage Container Inspection Schedule in Attachments 3.1 and 3.2]** *[§112.12(c)(6)(ii)]*	☐	☒
Internal Heating Coils		
The facility will 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 passing the steam return or exhaust lines through a settling tank, skimmer, or other separation or retention system. *[§112.8(c)(7)]*	☐	☒
Overfill Prevention and Container Engineering		
Each container installation has been engineered or updated in accordance with good engineering practice to avoid discharges. *[§112.8(c)(8)]*	☒	☐
For each bulk container or container installation, at least one of the following devices is provided: *[§112.8(c)(8)(i – iv))]*	☒	☐
• High liquid level alarms with an audible or visual signal at a constantly attended operation or surveillance station. In smaller facilities an audible air vent may suffice.	☐	☒
• High liquid level pump cutoff devices set to stop flow at a predetermined container content level.	☐	☒
• Direct audible or code signal communication between the container gauger and the pumping station.	☐	☑
• A fast response system for determining the liquid level of each bulk storage container such as digital computers, telepulse, or direct vision gauges. If this alternative is used, the facility will ensure a person be present to monitor gauges and the overall filling of bulk storage containers.	☐	☑
Liquid level sensing devices are regularly tested to ensure proper operation. *[§112.8(c)(8)(v)]* See Table 2	☐	☑
Effluent Treatment Facilities		
The facility observes on-site effluent treatment facilities frequently enough to detect possible system upsets that could cause a discharge as described in §112.1(b). *[§112.8(c)(9)]*	☐	☒
Visible Discharge Correction		
Visible discharges which result in a loss of oil from the container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts are promptly corrected and oil in diked areas is promptly removed. *[§§112.8(c)(10) and 112.12(c)(10)]*	☒	☐

Table G-18 General Rule Requirements for Onshore Facilities		N/A
Facility Transfer Operations and Piping		
Buried piping that is installed or replaced on or after August 16, 2002 is provided with a protective wrapping and coating. Such buried piping installations is either cathodically protected or otherwise satisfies the corrosion protection standards for piping in 40 CFR part 280 of this chapter or a State program approved under 40 CFR part 281 (such as California HSC Chapter 6.7 and 23 CCR requirements for underground storage tank systems). *[§§112.8(d)(1) and 112.12(d)(1)]*	☐	☒
If a section of buried line is exposed for any reason, the facility will carefully inspect it for deterioration. If corrosion damage is found, the facility will undertake additional examination and corrective action as indicated by the magnitude of the damage. **[See Inspection Log and Schedule in Attachment 3.1]** *[§§112.8(d)(1) and 112.12(d)(1)]*	☐	☒
Terminal connections at transfer points are capped or blank-flanged and marked as to origin when piping is not in service or is in standby service for an extended time. *[§§112.8(d)(2) and 112.12(d)(2)]*	☐	☒
Pipe supports are properly designed to minimize abrasion and corrosion and allow for expansion and contraction. *[§§112.8(d)(3) and 112.12(d)(3)]*	☒	☐
Aboveground valves, piping, and appurtenances such as flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces are inspected regularly. **[See Inspection Log and Schedule in Attachment 3.1]** *[§§112.8(d)(4) and 112.12(d)(4)]*	☒	☐
Integrity and leak testing are conducted on buried piping at the time of installation, modification, construction, relocation, or replacement. **[See Inspection Log and Schedule in Attachment 3.1]** *[§§112.8(d)(4) and 112.12(d)(4)]*	☒	☐
All vehicles entering the facility are warned to be sure that no vehicle will endanger aboveground piping or other oil transfer operations. *[§§112.8(d)(5) and 112.12(d)(5)]*	☒	☐

B. Onshore Oil Production Facilities (excluding drilling and workover facilities) (§112.9(b), (c), and (d)):

The owner or operator must meet the general rule requirements as well as the requirements under this section. Note that not all provisions may be applicable to all owners/operators. **In cases where a provision is not applicable, write "N/A".**

Table G-19 General Rule Requirements for Onshore Oil Production Facilities		N/A
Oil Production Facility Drainage		
At tank batteries, separation and treating areas, drainage is closed and sealed except when draining uncontaminated rainwater. Accumulated oil on the rainwater is returned to storage or disposed of in accordance with legally approved methods. *[§112.9(b)(1)]*	☐	☒
Prior to drainage, diked areas are inspected and *[§112.9(b)(1)]*: • Retained rainwater is inspected to ensure that its presence will not cause a discharge to navigable waters • Bypass valve is opened and resealed under responsible supervision • Adequate records of drainage are kept **[See Dike Drainage Log in Attachment 3.3]**	☐ ☐ ☐	☒ ☒ ☒
Field drainage systems and oil traps, sumps, or skimmers are inspected at regularly scheduled intervals for oil, and accumulations of oil are promptly removed **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(b)(2)]*	☐	☒
Oil Production Facility Bulk Storage Containers		
The containers used at this facility are compatible with materials stored and conditions of storage. *[§112.9(c)(1)]*	☐	☒
All tank battery, separation, and treating facility installations (except for flow-through process vessels) are constructed with a capacity to hold the largest single container plus additional capacity to contain rainfall. Drainage from undiked areas is safely confined in a catchment basin or holding pond. *[§112.9(c)(2)]*	☐	☒
Except for flow-through process vessels and produced water containers and associated piping and appurtenances, containers are visually inspected for deterioration and maintenance needs periodically and on a regular schedule – including foundations and supports for containers that are on or above the surface of the ground. **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(c)(3)]*	☐	☒
New and old tank batteries at this facility are engineered/updated in accordance with good engineering practices to prevent discharges including providing at least one of the following: i. Adequate container capacity to prevent overfill if regular pumping/gauging is delayed; ii. Overflow equalizing lines between containers so that a full container can overflow to an adjacent container; iii. Vacuum protection to prevent container collapse; or iv. High level sensors to generate and transmit an alarm to the computer where the facility is subject to a computer production control system. *[§112.9(c)(4)]*	☐	☒
Oil Production Facility Bulk Storage Containers: Flow-Through Process Vessels		
Flow-through process vessels and associated components are either: • Constructed with a capacity to hold the largest single container plus additional capacity to contain rainfall. Drainage from undiked areas is safely confined in a catchment basin or holding pond; *[§112.9(c)(2)]* and • Visually inspected for deterioration and maintenance needs periodically and on a regular schedule, including foundations and supports for process vessels that are on or above the surface of the ground. **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(c)(3)]*	☐ ☐	☒ ☒
Or alternatively flow-through process vessels are: • Visually inspected and/or tested periodically and on a regular schedule for leaks, corrosion, or other conditions that could lead to a discharge to navigable waters **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(c)(5)(i)]*; and • Corrective action is taken or repairs are applied to flow-through process vessels and any associated components as indicated by regularly scheduled visual inspections, tests, or evidence of an oil discharge; *[§112.9(c)(5)(ii)]* and	☐ ☐ ☐	☒ ☒ ☒

Table G-19 General Rule Requirements for Onshore Oil Production Facilities		N/A
• Any accumulations of oil discharges associated with flow-through process vessels are promptly removed or actions are initiated to stabilize and remediate such accumulations; *[§112.9(c)(5)(iii)]*; and • Flow-through process vessels are provided with a secondary means of containment for the entire capacity of the largest single container and sufficient freeboard to contain precipitation within six months of a discharge from flow-through process vessels of more than 1,000 U.S. gallons of oil in a single discharge as described in §112.1(b), or a discharge more than 42 U.S. gallons of oil in each of two discharges as described in §112.1(b) within any twelve month period. *[§112.9(c)(5)]* *(Leave blank until such time that this provision is applicable.)*	☐ ☐	☒ ☒
Oil Production Facility Bulk Storage Containers: Produced Water Containers		
This Plan does not include any alternative procedures for skimming produced water containers in lieu of sized secondary containment pursuant to §112.9(c)(6), unless they have been reviewed and certified in writing by a Professional Engineer, as provided in §112.6(b)(4). *[§112.6(b)(3)(iii)]*	☐	☒
For each produced water container, the container either: • Complies with §112.9(c)(1) through (c)(4). *[§112.9(c)(6)]* Or alternatively, the container complies with the following provisions: • Produced water container and associated piping are visually inspected and/or tested on a regular schedule for leaks, corrosion, or other conditions that could lead to a discharge as described in §112.1(b) in accordance with good engineering practice; **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(c)(6)(ii)] and* • Corrective action is taken or repairs are made to the produced water container and any associated piping as indicated by regularly scheduled visual inspections, tests, or evidence of an oil discharge; *[§112.9(c)(6)(iii)] and* • Any accumulations of oil discharges associated with produced water containers are promptly removed or actions are initiated to stabilize and remediate such accumulations; *[§112.9(c)(6)(iv)] and* • Produced water containers are provided with a secondary means of containment for the entire capacity of the largest single container and sufficient freeboard to contain precipitation within six months of a discharge from produced water containers of more than 1,000 U.S. gallons of oil in a single discharge as described in §112.1(b), or a discharge more than 42 U.S. gallons of oil in each of two discharges as described in §112.1(b) within any twelve month period. *[§112.9(c)(6)(v)] and* *(Leave blank until such time that this provision is applicable.)*	☐ ☐ ☐ ☐ ☐ ☐	☒ ☒ ☒ ☒ ☒ ☒
• A procedure is implemented on a regular schedule for each produced water container that is designed to separate the free-phase oil that accumulates on the surface of the produced water, and there is a Professional Engineer certification (in accordance with §112.3(d)(1)(vi)) associated with this procedure(s). *[§112.9(c)(6)(i)]*	☐	☒

Table G-19 General Rule Requirements for Onshore Oil Production Facilities		N/A
The following a description of the procedures, frequency, amount of free-phase oil expected to be maintained inside the container: *[§112.9(c)(6)(i)]*	☐	☒
• Records of produced water separation events are maintained in accordance with §112.7(e). Records kept under usual and customary business practices will suffice. If this procedure is not implemented as described in the Plan or no records are maintained, the sized containment requirements of §112.9(c)(2) and (c)(3) are met. *[§112.9(c)(6)(i)]*	☐	☒
Oil Production Facility – Facility Transfer Operations		
All aboveground valves and piping associated with transfer operations are inspected periodically and upon a regular schedule. The general condition of flange joints, valve glands and bodies, drip pans, pipe supports, pumping well polish rod stuffing boxes, bleeder and gauge valves, and other such items are included in the inspection. **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(d)(1)]*	☐	☒
Saltwater (oil field brine) disposal facilities are inspected often, particularly following a sudden change in atmospheric temperature, to detect possible system upsets capable of causing a discharge. **[See Inspection Log and Schedule in Attachment 3.1]** *[§112.9(d)(2)]*	☐	☒
An oil spill contingency plan and written commitment of resources are provided for flowlines and intra-facility gathering lines **[See Oil Spill Contingency Plan and Checklist in Attachment 2 and Inspection Log and Schedule in Attachment 3.1]** *[§112.9(d)(3)]* or Appropriate secondary containment and/or diversionary structures or equipment is provided for flowlines and intra-facility gathering lines to prevent a discharge to navigable waters or adjoining shorelines. The entire secondary containment system, including walls and floor, is capable of containing oil and is constructed so that any discharge from the pipe, will not escape the containment system before cleanup occurs.	☐ ☐	☒ ☒

Table G-19 General Rule Requirements for Onshore Oil Production Facilities		N/A
A flowline/intra-facility gathering line maintenance program to prevent discharges from each flowline has been established at this facility. The maintenance program addresses each of the following: *[§112.9(d)(4)]*	☐	☒
• Flowlines and intra-facility gathering lines and associated valves and equipment are compatible with the type of production fluids, their potential corrosivity, volume, and pressure, and other conditions expected in the operational environment;	☐	☒
• Flowlines, intra-facility gathering lines and associated appurtenances are visually inspected and/or tested on a periodic and regular schedule for leaks, oil discharges, corrosion, or other conditions that could lead to a discharge as described in §112.1(b). The frequency and type of testing allows for the implementation of a contingency plan as described under 40 CFR 109.	☐	☒
• Corrective action and repairs to any flowlines and intra-facility gathering lines and associated appurtenances as indicated by regularly scheduled visual inspections, tests, or evidence of a discharge.	☐	☒
• Accumulations of oil discharges associated with flowlines, intra-facility gathering lines, and associated appurtenances are promptly removed.	☐	☒
The following is a description of the flowline/intra-facility gathering line maintenance program implemented at this facility:		

C. Onshore Oil Drilling and Workover Facilities (§112.10(b), (c) and (d)):

The owner or operator must meet the general rule requirements as well as the requirements under this section.

Table G-20 General Rule Requirements for Onshore Oil Drilling and Workover Facilities		N/A
Mobile drilling or worker equipment is positioned or located to prevent discharge as described in §112.1(b). *[§112.10(b)]*	☐	☑
Catchment basins or diversion structures are provided to intercept and contain discharges of fuel, crude oil, or oily drilling fluids. *[§112.10(c)]*	☐	☑
A blowout prevention (BOP) assembly and well control system was installed before drilling below any casing string or during workover operations. *[§112.10(d)]*	☐	☑
The BOP assembly and well control system is capable of controlling any well-head pressure that may be encountered while the BOP assembly and well control system are on the well. *[§112.10(d)]*	☐	☑

ATTACHMENT 1 – Five Year Review and Technical Amendment Logs

ATTACHMENT 1.1 – Five Year Review Log

I have completed a review and evaluation of the SPCC Plan for this facility, and will/will not amend this Plan as a result.

Table G-21 Review and Evaluation of SPCC Plan for Facility			
Review Date	Plan Amendment		Name, title and signature of person authorized to review this Plan
	Will Amend	Will Not Amend	
September 17, 2013	☒	☐	Karl E. Tonander - P.E. New Mexico 18742
Description of changes/amendments: Implement full Tier 2 SPCC Plan			
October 26, 2018	☒	☐	Jack Kirby - Assistant Director, P.E. New Mexico 14243
Description of changes/amendments: 5 years review / Implementation P.E. Certified NMSU SPCC Plan			
	☐	☐	
Description of changes/amendments:			
	☐	☐	
Description of changes/amendments:			
	☐	☐	
Description of changes/amendments:			

ATTACHMENT 1.2 – Technical Amendment Log

Any technical amendments to this Plan will be re-certified in accordance with Section I of this Plan template.

Table G-22 Description and Certification of Technical Amendments		
Review or Amendment Date	Description of Technical Amendment	Name and signature of person certifying this technical amendment

ATTACHMENT 2 – Oil Spill Contingency Plan and Checklist

An oil spill contingency plan meeting the requirements of 40 CFR part 109 and a written commitment of resources is required for:

- Any bulk container, tank or area where secondary containment has been determined to be impracticable (40 CFR part 112.7(d)
- Qualified oil-filled operational equipment which has no secondary containment (40 CFR part 112.7(k)
- Flowlines and intra-facility gathering lines at oil production facilities

An oil spill contingency plan meeting the provisions of 40 CFR part 109, as described below, and a written commitment of manpower, equipment and materials required to expeditiously control and remove any quantity of oil discharged that may be harmful is attached to this Plan.	☒

Complete the checklist below to verify that the necessary operations outlined in 40 CFR part 109 - Criteria for State, Local and Regional Oil Removal Contingency Plans - have been included.

Table G-23 Checklist of Development and Implementation Criteria for State, Local and Regional Oil Removal Contingency Plans (§109.5)[m]	
(a) Definition of the authorities, responsibilities and duties of all persons, organizations or agencies which are to be involved in planning or directing oil removal operations.	☒
(b) Establishment of notification procedures for the purpose of early detection and timely notification of an oil discharge including:	
(1) The identification of critical water use areas to facilitate the reporting of and response to oil discharges.	☒
(2) A current list of names, telephone numbers and addresses of the responsible persons (with alternates) and organizations to be notified when an oil discharge is discovered.	☒
(3) Provisions for access to a reliable communications system for timely notification of an oil discharge, and the capability of interconnection with the communications systems established under related oil removal contingency plans, particularly State and National plans (e.g., NCP).	☒
(4) An established, prearranged procedure for requesting assistance during a major disaster or when the situation exceeds the response capability of the State, local or regional authority.	☒
(c) Provisions to assure that full resource capability is known and can be committed during an oil discharge situation including:	
(1) The identification and inventory of applicable equipment, materials and supplies which are available locally and regionally.	☒
(2) An estimate of the equipment, materials and supplies which would be required to remove the maximum oil discharge to be anticipated.	☒
(3) Development of agreements and arrangements in advance of an oil discharge for the acquisition of equipment, materials and supplies to be used in responding to such a discharge.	☒
(d) Provisions for well defined and specific actions to be taken after discovery and notification of an oil discharge including:	
(1) Specification of an oil discharge response operating team consisting of trained, prepared and available operating personnel.	☒
(2) Predesignation of a properly qualified oil discharge response coordinator who is charged with the responsibility and delegated commensurate authority for directing and coordinating response operations and who knows how to request assistance from Federal authorities operating under existing national and regional contingency plans.	☒
(3) A preplanned location for an oil discharge response operations center and a reliable communications system for directing the coordinated overall response operations.	☒
(4) Provisions for varying degrees of response effort depending on the severity of the oil discharge.	☒
(5) Specification of the order of priority in which the various water uses are to be protected where more than one water use may be adversely affected as a result of an oil discharge and where response operations may not be adequate to protect all uses.	☒
(6) Specific and well defined procedures to facilitate recovery of damages and enforcement measures as provided for by State and local statutes and ordinances.	☒

[m] The contingency plan must be consistent with all applicable state and local plans, Area Contingency Plans, and the National Contingency Plan (NCP)

ATTACHMENT 3 – Inspections, Dike Drainage and Personnel Training Logs

ATTACHMENT 3.1 – Inspection Log and Schedule

Table G-24 Inspection & Testing Log and Schedule
This log is intended to document compliance with §§112.7(e), 112.8(c)(6), 112.8(c)(8), 112.8(c)(9), 112.8(d)(1), 112.8(d)(4), 112.9(b)(2), 112.9(c)(3), 112.9(d)(1), 112.9(d)(4), 112.12.(c)(6), and 112.12(d)(4), as applicable.

Date of Inspection	Container / Piping / Equipment	Describe Scope (or cite Industry Standard)	Observations	Name/ Signature of Inspector	Records maintained separately[n]
			See TABLE 2 for AST's Inspection Form		☐
					☐
					☐
					☐
					☐

[n] Indicate in the table above if records of facility inspections are maintained separately at this facility.

ATTACHMENT 3.2 – Bulk Storage Container Inspection Schedule – onshore facilities (excluding production):

To comply with integrity inspection requirement for bulk storage containers, inspect/test each shop-built aboveground bulk storage container on a regular schedule in accordance with a recognized container inspection standard based on the minimum requirements in the following table.

Table G-25 Bulk Storage Container Inspection Schedule

Container Size and Design Specification	Inspection requirement
Portable containers (including drums, totes, and intermediate bulk containers (IBC))	Visually inspect monthly for signs of deterioration, discharges or accumulation of oil inside diked areas
55 to 1,100 gallons with sized secondary containment	Visually inspect monthly for signs of deterioration, discharges or accumulation of oil inside diked areas plus any annual inspection elements per industry inspection standards[p]
1,101 to 5,000 gallons with sized secondary containment and a means of leak detection[o]	
1,101 to 5,000 gallons with sized secondary containment and no method of leak detection[p]	Visually inspect monthly for signs of deterioration, discharges or accumulation of oil inside diked areas, plus any annual inspection elements and other specific integrity tests that may be required per industry inspection standards[p] Depending upon the industry standard used, referenced or considered, additional integrity testing may include an integrity test, leak test or inspection of the tank exterior and/or interior by an industry standard-certified inspector every 2, 5 or 10 years.
5,001 to 10,000 gallons with sized secondary containment and a means of leak detection[o, q]	Visually inspect monthly for signs of deterioration, discharges or accumulation of oil inside diked areas plus any annual inspection elements and other specific integrity tests per industry inspection standards[p]. Depending upon the industry standard used, referenced or considered, additional integrity testing may include an integrity test or inspection of the tank exterior by an industry standard-certified inspector every 20 years.
5,001 to 10,000 gallons with sized secondary containment and no means of leak detection[o, q]	Visually inspect monthly for signs of deterioration, discharges or accumulation of oil inside diked areas plus any annual inspection elements and other specific integrity tests per industry inspection standards[p]. Depending upon the industry standard used, referenced or considered, additional integrity testing may include an integrity test, leak test or inspection of the tank exterior and interior by an industry standard-certified inspector every 1, 5, 10 or 15 yrs.

[o] Examples of leak detection include, but are not limited to, double-walled tanks, tanks within non-earthen secondary containment structures and elevated containers where a leak can be visually identified prior to any leaking entering the ground surface.

[p] Industry standards for inspections and integrity testing may include the Steel Tank Institute "Standard for the Inspection of Aboveground Storage Tanks – SP001", 4th Edition, July 2006, or other relevant standards.

[q] Facilities with storage tanks over 10,000 gallons oil storage capacity do not meet the criteria for a Tier II Qualified Facility.

ATTACHMENT 3.3 – Dike Drainage Log

Table G-26 Dike Drainage Log

Date	Bypass valve sealed closed	Rainwater inspected to be sure no oil (or sheen) is visible	Open bypass valve and reseal it following drainage	Drainage activity supervised	Observations	Signature of Inspector
	☐	☐	☐	☐		
	☐	☐	☐	☐		
	☐	☐	☐	☐		
	☐	☐	☐	☐		
	☐	☐	☐	☐		
	☐	☐	☐	☐		
	☐	☐	☐	☐		
	☐	☐	☐	☐		

ATTACHMENT 3.4 – Oil-handling Personnel Training and Briefing Log

Table G-27 Oil-Handling Personnel Training and Briefing Log		
Date	**Description / Scope**	**Attendees**
	- Annual Safety Blitz and Refreshers - Attain Training Central Access for Oil Handling SPCC employees	FS Employees/Generators of >55 gal. containers

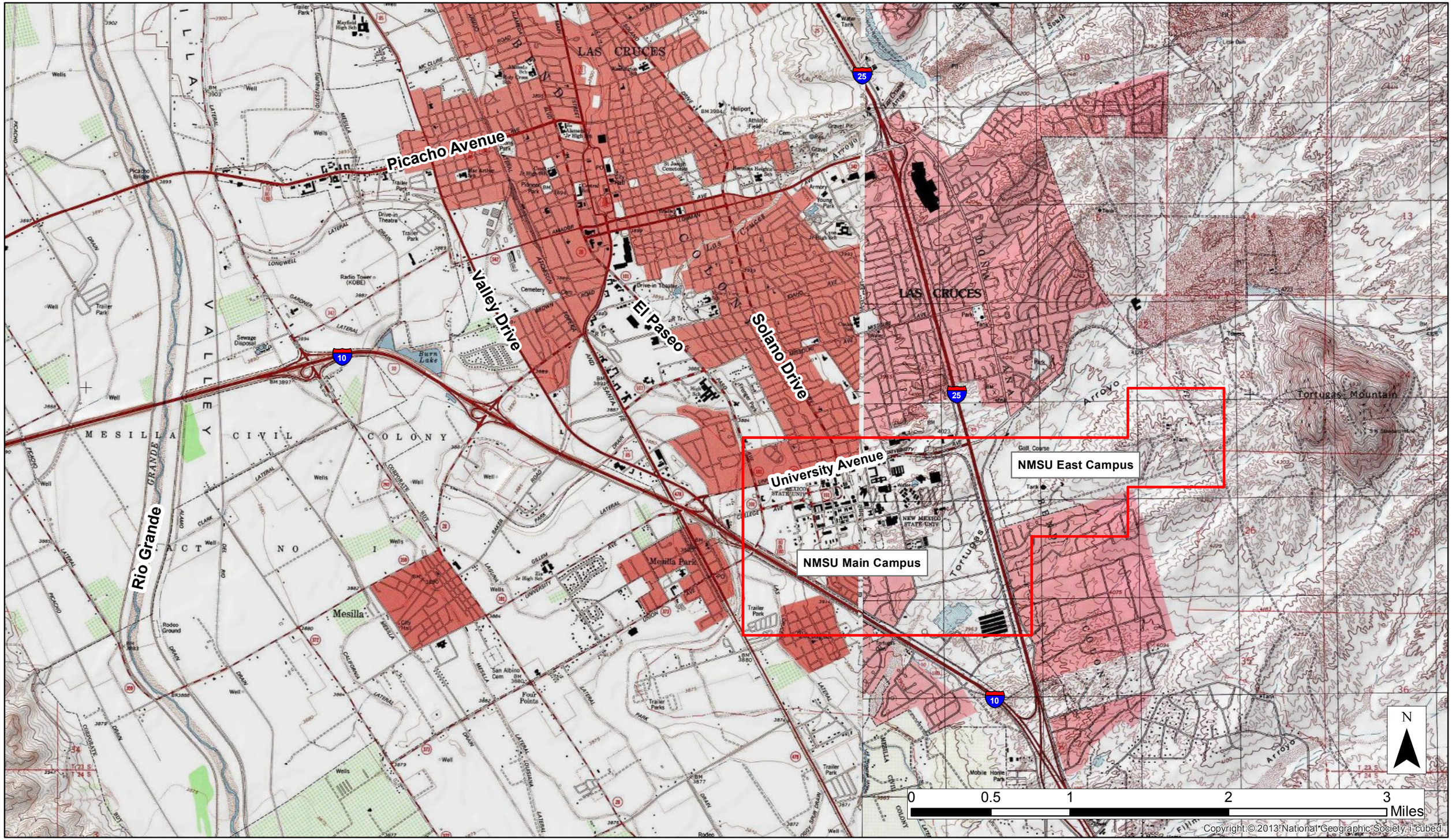
ATTACHMENT 4 – Discharge Notification Form

In the event of a discharge of oil to navigable waters or adjoining shorelines, the following information will be provided to the National Response Center **[also see the notification information provided in Section 7 of the Plan]**:

Table G-28 Information provided to the National Response Center in the Event of a Discharge			
Discharge/Discovery Date		Time	
Facility Name			
Facility Location (Address/Lat-Long/Section Township Range)			
Name of reporting individual		Telephone #	
Type of material discharged		Estimated total quantity discharged	Gallons/Barrels
Source of the discharge		Media affected	☐ Soil ☐ Water (specify) ☐ Other (specify)
Actions taken			
Damage or injuries	☐ No ☐ Yes (specify)	Evacuation needed?	☐ No ☐ Yes (specify)
Organizations and individuals contacted	☐ National Response Center 800-424-8802 Time ☐ Cleanup contractor (Specify) Time ☐ Facility personnel (Specify) Time ☐ State Agency (Specify) Time ☐ Other (Specify) Time		

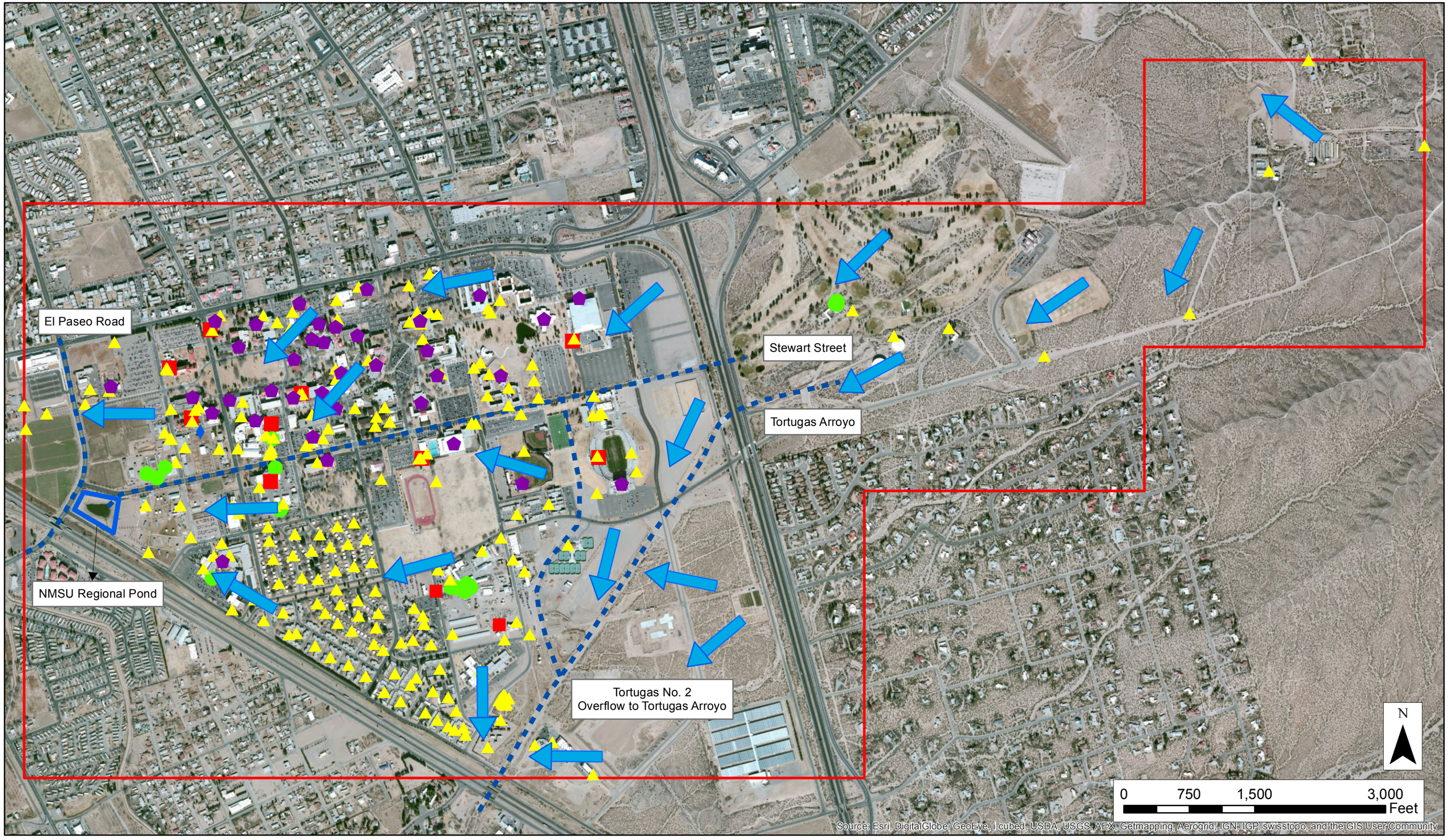
New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Appendix A
Facility Diagrams



New Mexico State University, Las Cruces, New Mexico

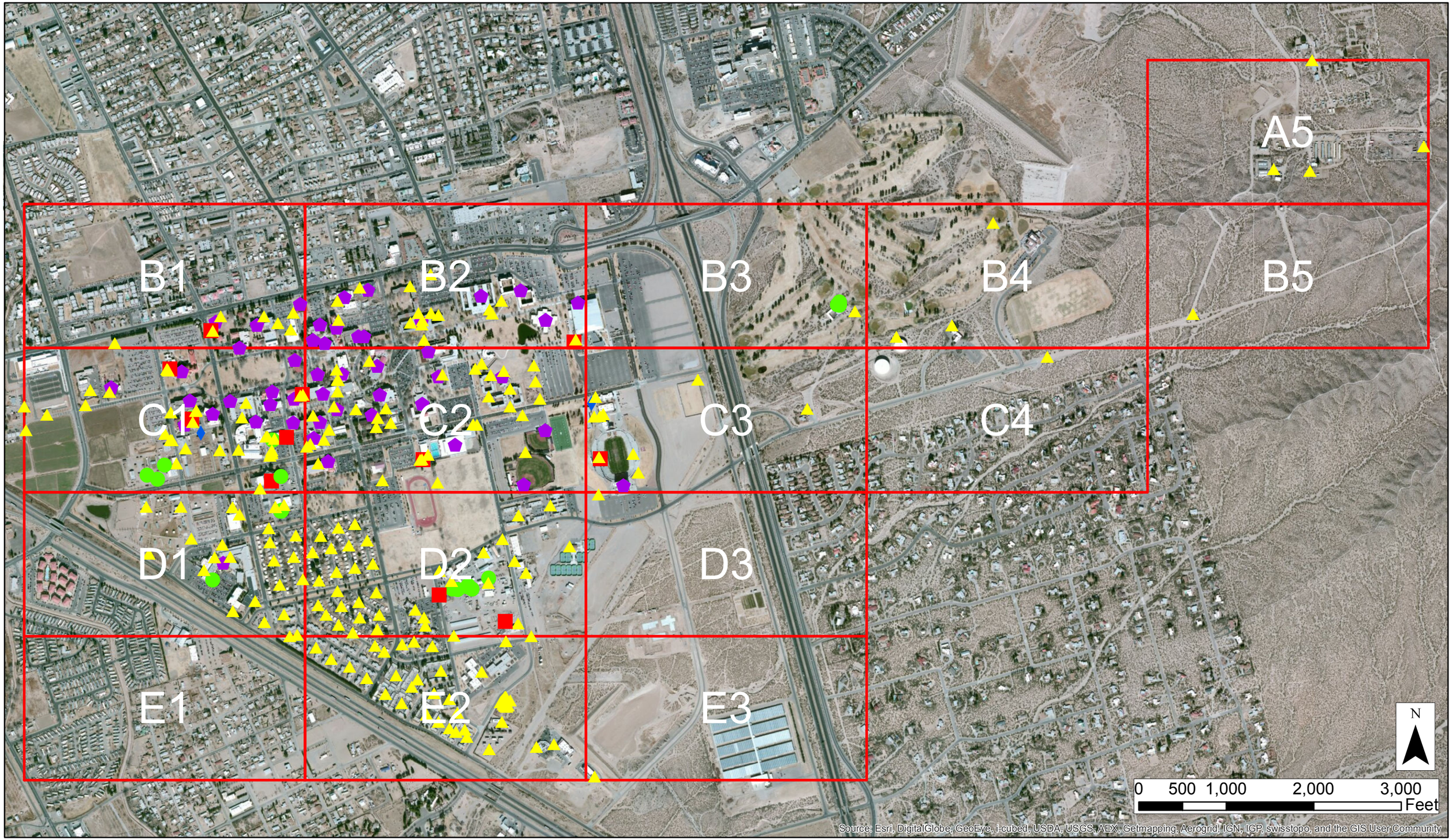
Spill Prevention, Control, and Countermeasure Plan Site Map



New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Above Ground Switches
Emergency Generators
Aboveground Storage Tanks
Major Drainages



New Mexico State University , Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan Key Map

Transformers
Aboveground Switches
Aboveground Storage Tanks
Emergency Generators
Elevators

New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Aboveground Switches
Aboveground Storage Tanks
Transformers
Emergency Generators

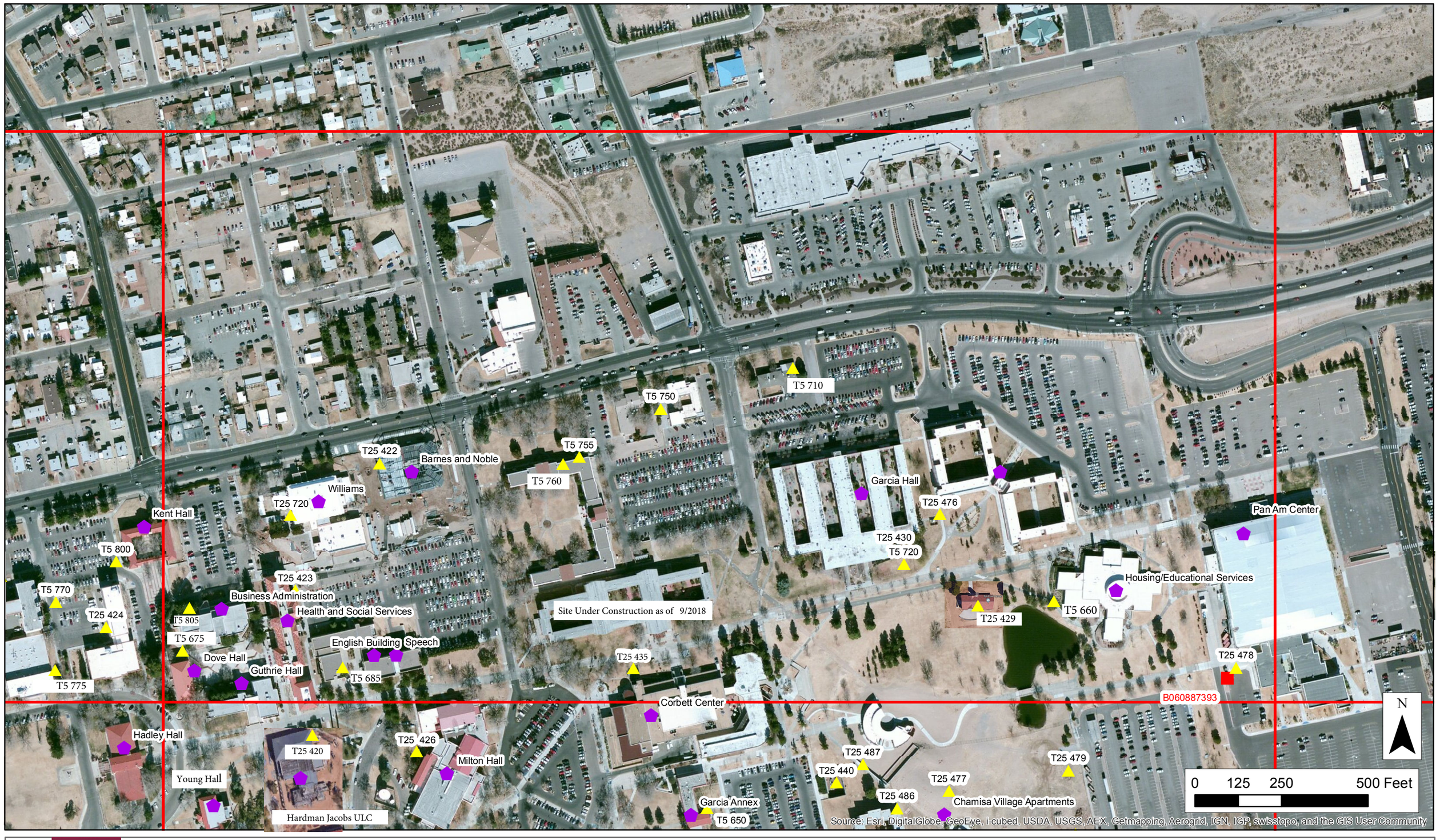
A5

New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

B1

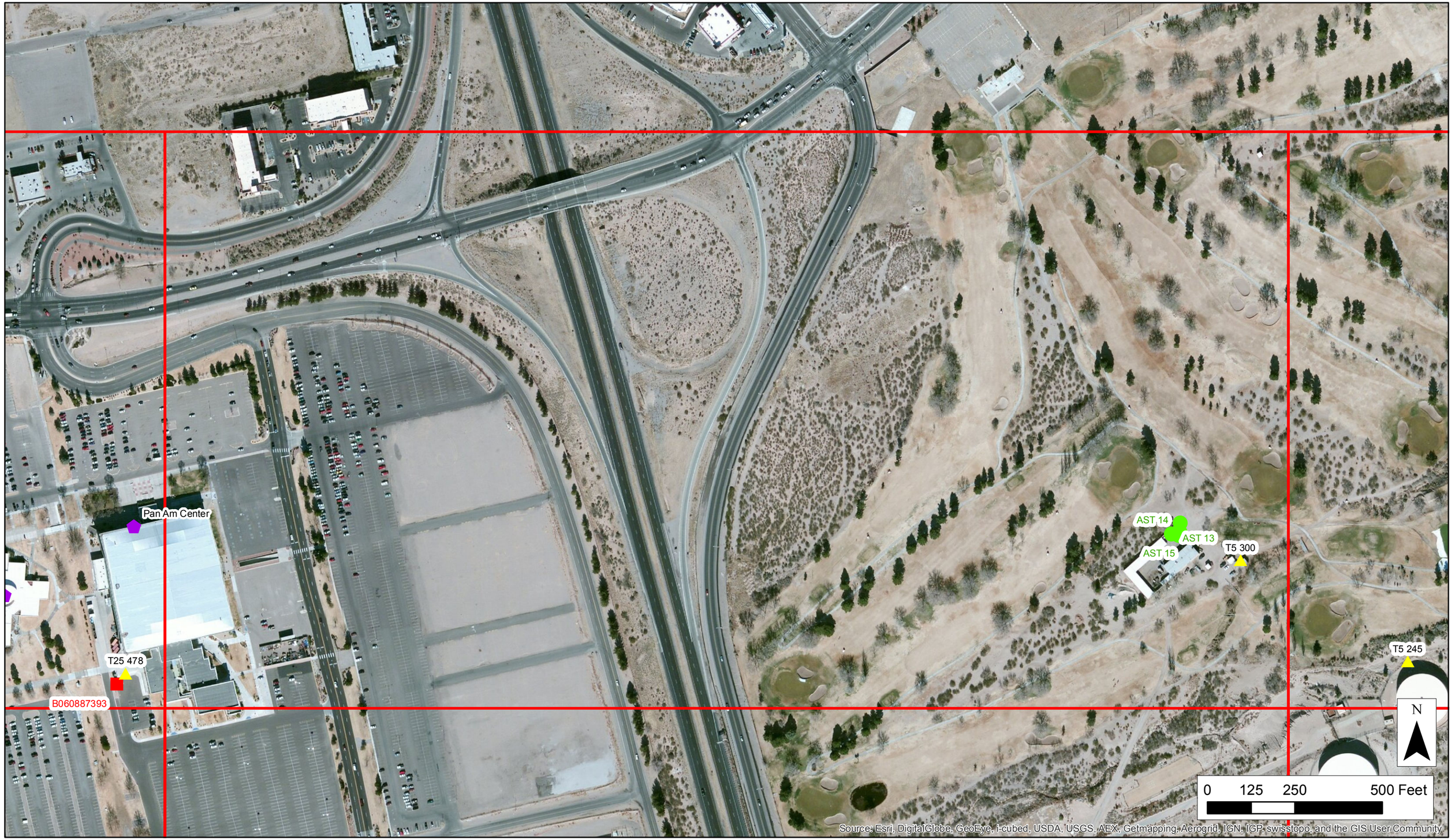


New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

B2



New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Aboveground Switches
Aboveground Storage Tanks
Transformers
Emergency Generators

B3

NM STATE UNIVERSITY

New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Aboveground Switches
Aboveground Storage Tanks
Transformers
Emergency Generators

B4

New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Aboveground Switches
Aboveground Storage Tanks
Transformers
Emergency Generators

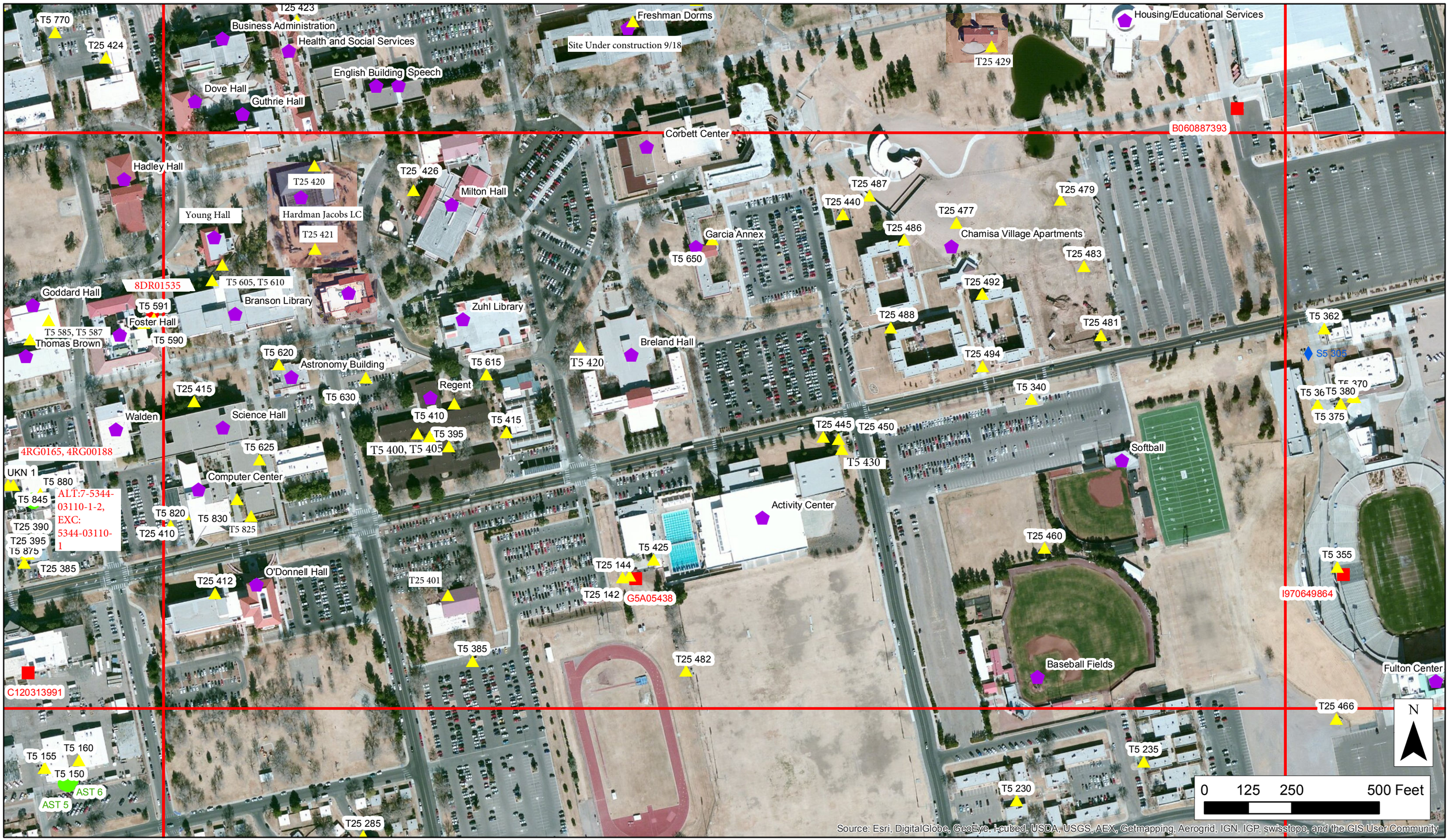
B5

New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

C1

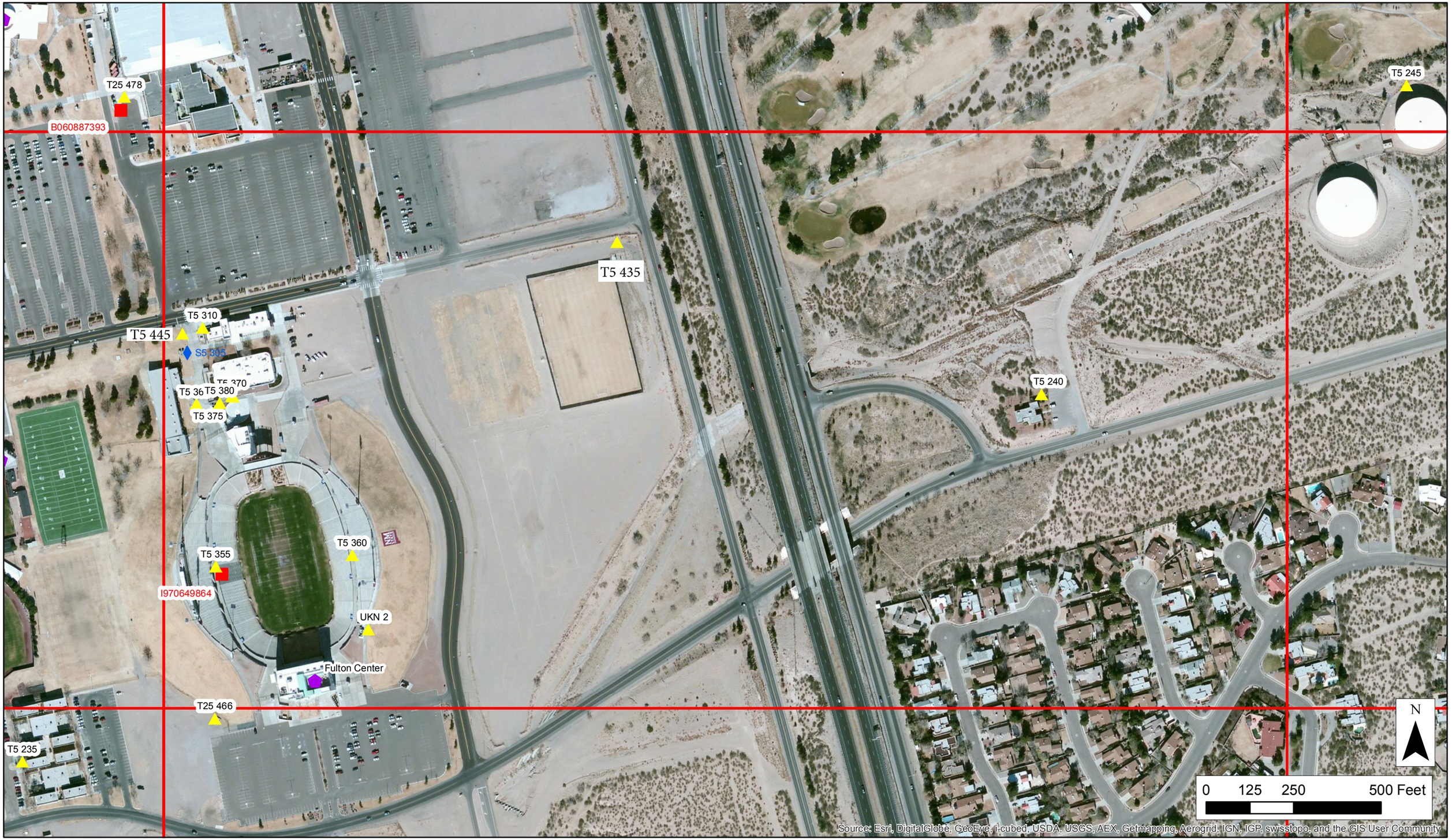


New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

C2

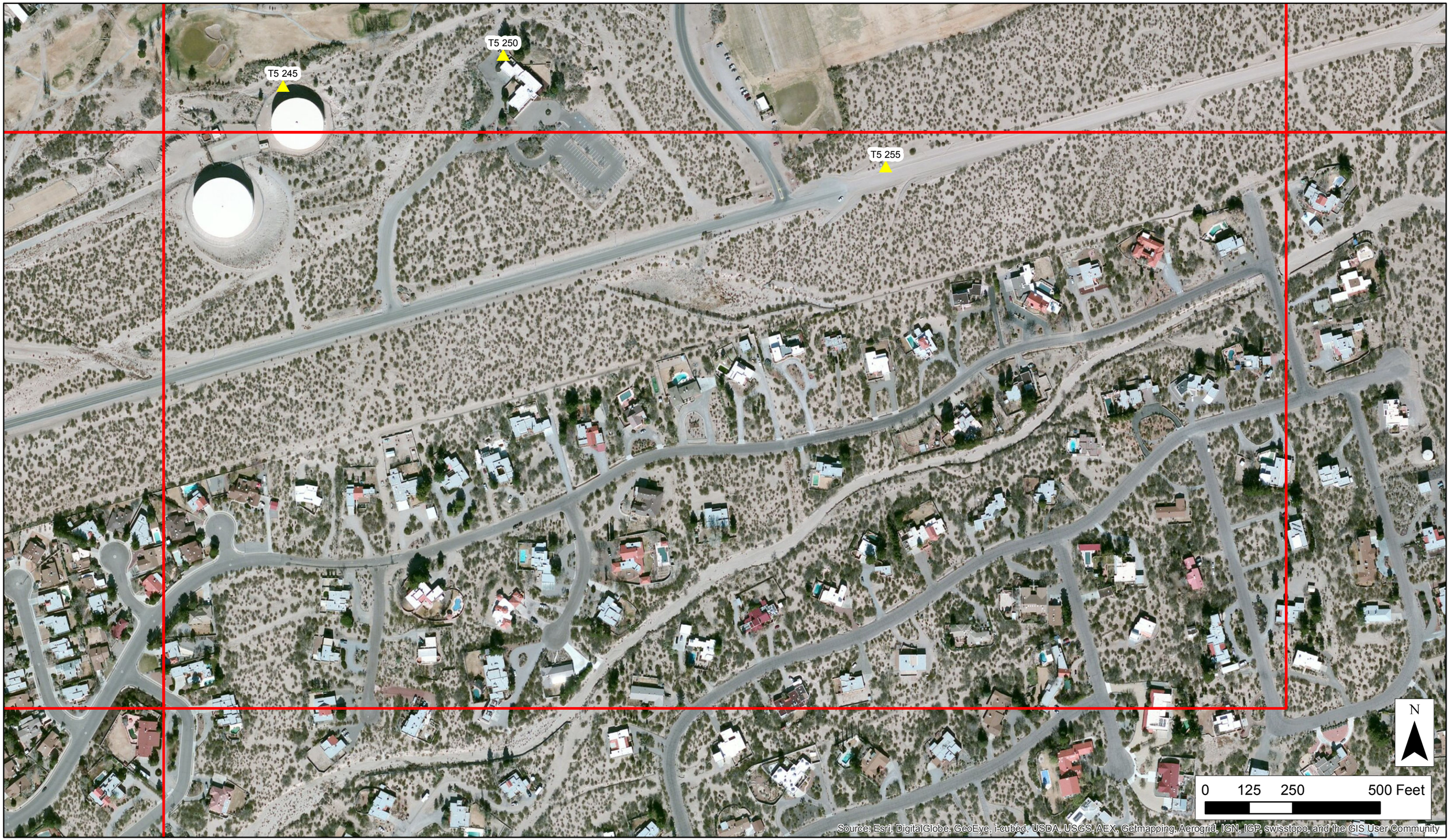


New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

C3

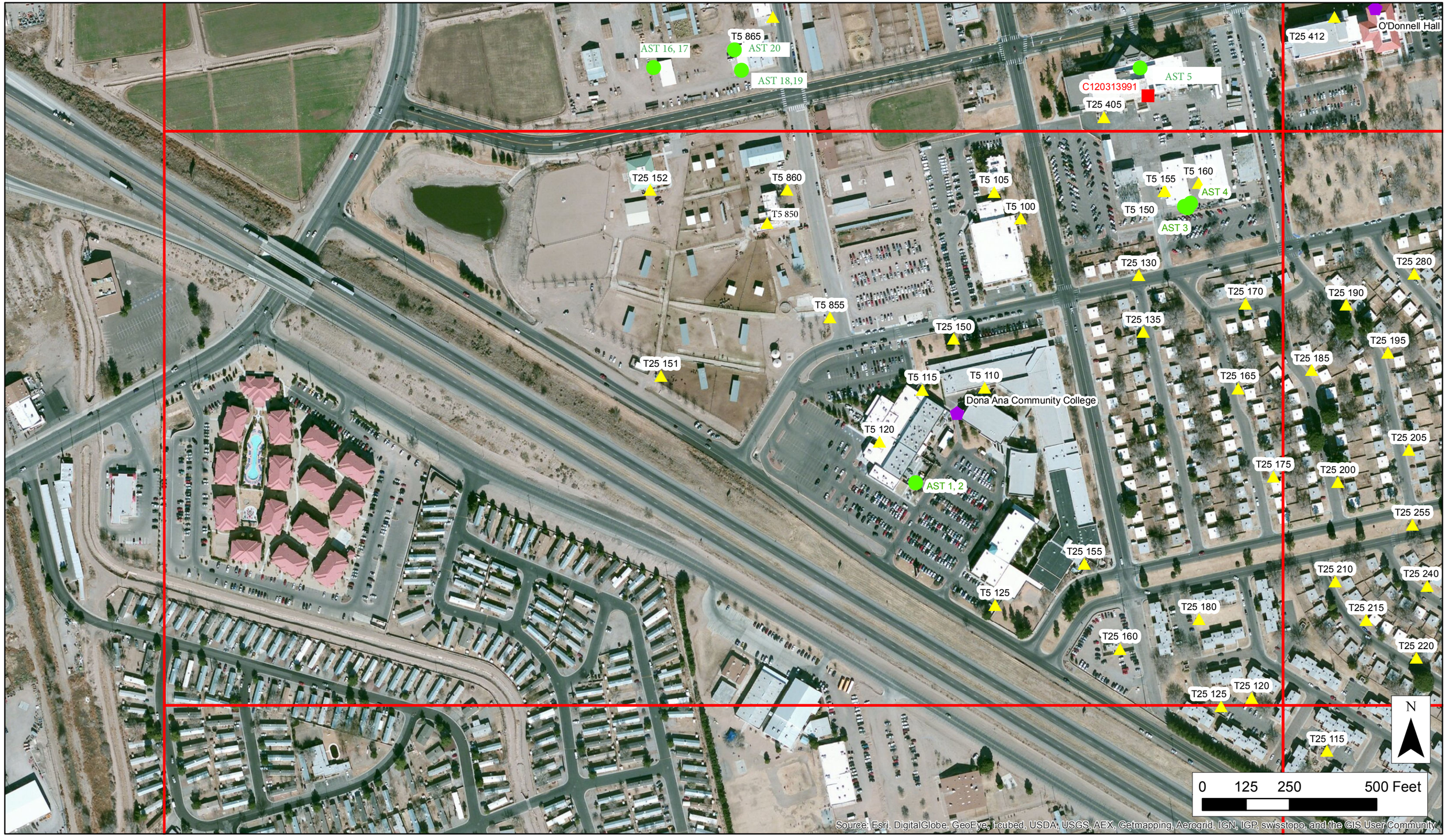


New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

C4

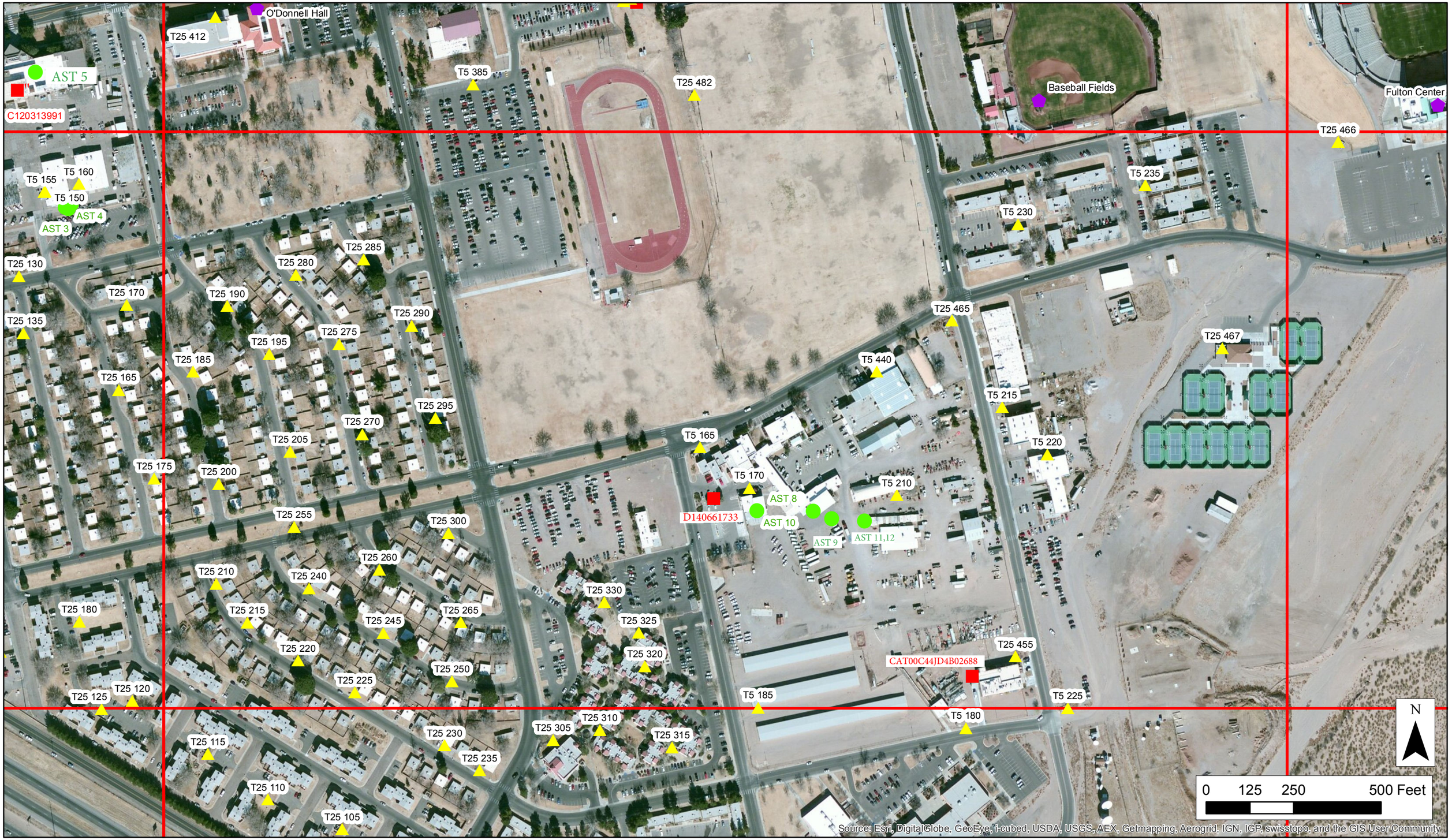


New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

D1

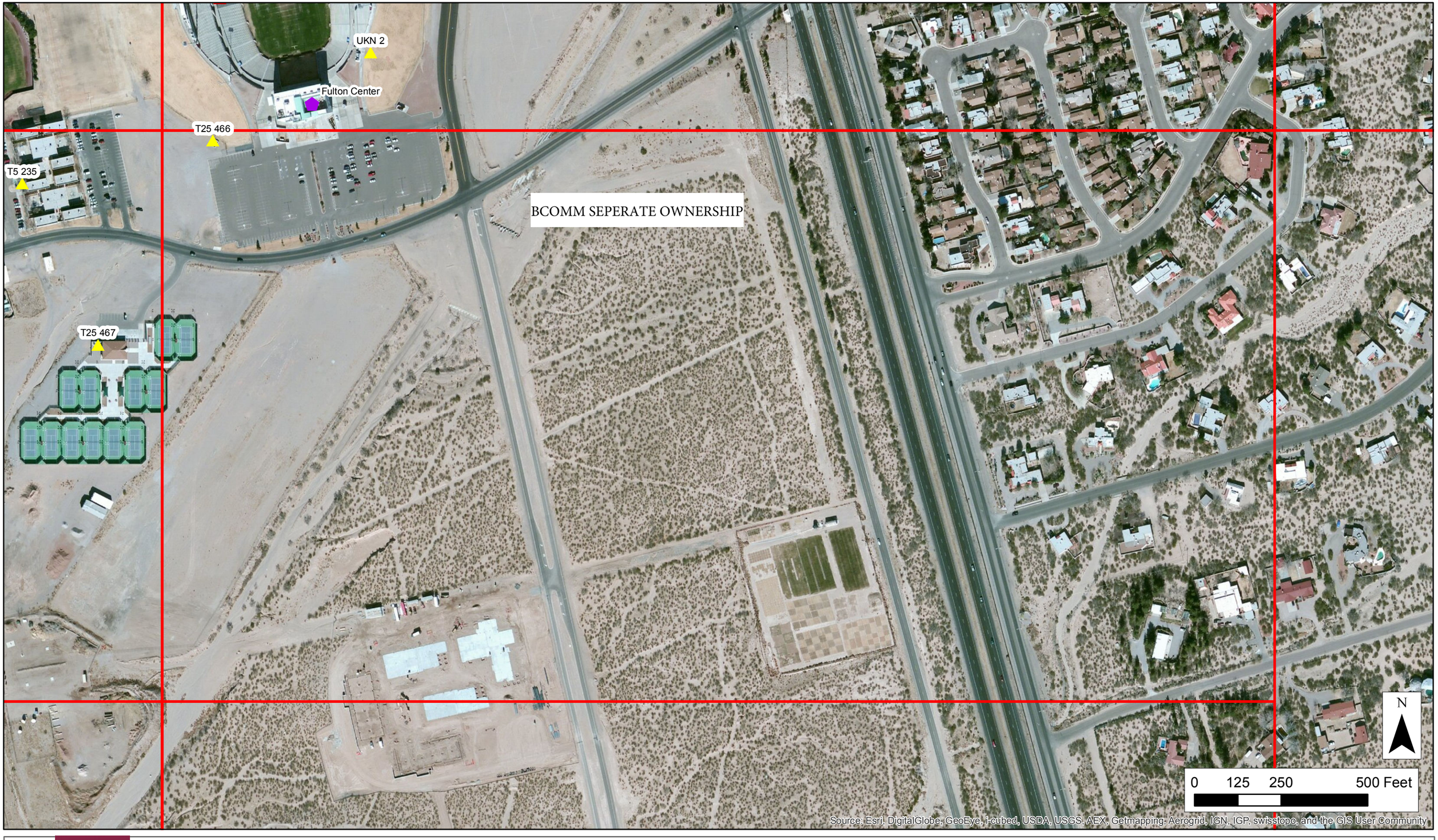


New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

D2



New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

D3

New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

E1

New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

E2

88 290

88 250

Site has been demolished as of 2016. Lot is vacant as of 9/18'

N

0 125 250 500 Feet

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

New Mexico State University, Las Cruces, New Mexico

Spill Prevention, Control, and Countermeasure Plan

Elevators
Transformers
Aboveground Switches
Emergency Generators
Aboveground Storage Tanks

E3

New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Appendix B
AST Information & Photo Sheets

AST 1

AST 1 is a 55-gallon metal drum used for storage of used oil at the Doña Ana Community College (DACC) Auto Shop on the DACC Main Campus (Figure D1). AST 1 is located in a low traffic area and is protected on two (2) sides by walls and the Auto Shop building. AST 1 has a capacity of 55 gallons, is constructed of steel and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

Open top plastic secondary containment tub provide secondary containment. Overhead cover prevents the accumulation of rain water in the secondary containment tub.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	55	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 55	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding AST 1 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 1.

AST 2

AST 2 is a 55-gallon metal drum used for storage of used oil filters at the Doña Ana Community College (DACC) Auto Shop on the DACC Main Campus (Figure D1). AST 2 is located in a low traffic area and is protected on two (2) sides by walls and the Auto Shop building. AST 2 has a capacity of 55 gallons, is constructed of steel and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

Open top plastic secondary containment tub provide secondary containment. Overhead cover prevents the accumulation of rain water in the secondary containment tub.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	55	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 55	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding AST 2 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 2.

AST 3

AST 3 is a 55-gallon metal drum used for storage of Blaser Swisslube grease at the Physical Science Laboratory Machine Shop on the NMSU Main Campus (Figure D1). AST 3 is in a low traffic area and is located inside the machine shop building with restricted access. AST 3 has a capacity of 55 gallons, is constructed of steel and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

Building provides secondary containment for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	55	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 55	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding AST 3 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 3.

AST 4

AST 4 is two 55-gallon poly drums used for storage of Used Oil in the Physical Science Laboratory Machine Shop on the NMSU Main Campus (Figure D1). AST 4 is located in inside the machine shop building with restricted access. AST 4 has a capacity of 55 gallons, is constructed of plastic and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 4 has a poly secondary containment pallet in place for 100% of tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	55	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 55	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding the building containing AST 4 has been determined band existing secondary containment is sufficient to contain the entire contents of AST 4.

AST 5

AST 5 is a 55-gallon metal drum used for storage of hydraulic oil in the Physical Science Laboratory Building Basement on the NMSU Main Campus (Figure C1). AST 5 is located inside a building with restricted access. AST 5 has a capacity of 55 gallons, is constructed of steel and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

Building basement provides secondary containment for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	55	West toward Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 55	Same as above	Gradual to instantaneous
Tank overfill	>1	Same as above	>1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding the building containing AST 5 has been determined and existing general secondary containment is sufficient to contain the entire contents of AST 5.

AST 6

AST 6 is a 500-gallon steel container used for storage of Diesel fuel at the Central Utility Plant on the NMSU Main Campus (Figure C1). AST 6 is located outside the building with restricted access. AST 6 has a capacity of 500 gallons, is constructed of steel and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 6 has a concrete secondary containment pad in place for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	500	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 500	Same as above	Gradual to instantaneous
Tank overfill	30	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding the building containing AST 6 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 6.

AST 7

AST 7 is a 55-gallon metal drum used for storage of hydraulic oil at the Central Utility Plant (CUP) on the NMSU Main Campus (Figure C1). AST 7 is located in a restricted and low traffic area within the CUP building. AST 7 has a capacity of 55 gallons, is constructed of steel and has poly secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 7 has a poly secondary containment pallet in place for 100% of tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	55	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 55	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding the building containing AST 4 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 4.

AST 8

AST 8 is a metal container used for the storage of used oil at the Facilities Mechanic Shop on the NMSU Main Campus (Figure D2). AST 8 is located in a low traffic and restricted area and is protected on all sides by a wall and chain-link fencing. AST 8 has a capacity of 370 gallons, is constructed of single wall steel and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

Top open cement berm with a capacity of approximately 860 gallons provides secondary containment for >100% of the tank capacity and overhead cover prevents the accumulation of rain water in the secondary containment area.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	370	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 370	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding AST 8 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 8.

AST 9

AST 9 is a truck mount diesel AST used as a mobile refueler/service truck to fill and maintain mechanical equipment and is located at the Facilities Mechanic Shop on the NMSU Main Campus (Figure D2). AST 9 is mounted on a truck trailer bed. AST 9 has a capacity of 400 gallons and is constructed of single walled steel.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 9 is a mobile refueler, which according to 40 CFR 112.8(c)(11) does not require secondary containment. However, best management practices (BMPs), such as storing a minimal amount of diesel fuel as possible when not in use and parking the mobile refueler inside the shop area when full, are utilized.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	400	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 400	Same as above	Gradual to instantaneous
Tank overfill	30	Same as above	60 gal/min
Pipe failure	---	---	---

Note: Direction of flow determined based on current location of mobile refueler/service truck.

AST 10

AST 10 is comprised of a combined four (4) 55-gallon metal drums used for storage of motor oil at the Facilities Transportation Shop on the NMSU Main Campus (Figure D2). AST 10 is located in a low traffic and restricted area and is protected from the elements by an overheard covering. Each of the four (4) 55-gallon drums are constructed of steel and have a poly secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 10 has a poly secondary containment pallet in place for 100% of tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	(4) 55	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 55	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding AST 10 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 10.

AST 11

AST 11 is a steel tank used for storage of Diesel Fuel at the Facilities Grounds Shop on the NMSU Main Campus (Figure D2). AST 11 is located in a low traffic and restricted area adjacent to AST 12. AST 11 has a capacity of approximately 500 gallons, is constructed of double walled steel and has a concrete secondary containment pad as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 11 has a concrete secondary containment pad in place for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	500	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 500	Same as above	Gradual to instantaneous
Tank overfill	30	Same as above	60 gal/min
Hose failure	Gradual accumulation	Same as above	<1 gal/min

Note: Direction of flow in area surrounding AST 11 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 11.

AST 12

AST 12 is a steel tank used for storage of Unleaded Gasoline at the Facilities Grounds Shop on the NMSU Main Campus (Figure D2). AST 12 is located in a low traffic and restricted area adjacent to AST 11. AST 12 has a capacity of approximately 500 gallons, is constructed of double walled steel and has a concrete secondary containment pad as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 12 has a concrete secondary containment pad in place for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	500	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 500	Same as above	Gradual to instantaneous
Tank overfill	30	Same as above	60 gal/min
Hose failure	Gradual accumulation	Same as above	<1 gal/min

Note: Direction of flow in area surrounding AST 11 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 11.

AST 13

AST 13 is a steel tank used for storage of Unleaded Gasoline at the Golf Course Maintenance Shop on the NMSU Golf Course (Figure B3). AST 13 is located in a low traffic area and is protected on two (2) sides by cinder block walls. AST 13 has a capacity of 500 gallons, is constructed of single walled steel and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 13 has a concrete secondary containment pad in place for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	500	Southeast and then southwest toward Tortugas Arroyo	Instantaneous
Partial failure of tank (failure below product line)	1 to 500	Same as above	Gradual to instantaneous
Tank overfill	30	Same as above	60 gal/min
Hose failure	Gradual accumulation	Same as above	<1 gal/min

Note: Direction of flow in area surrounding AST 13 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 13.

AST 14

AST 14 is a steel tank used for storage of Diesel Fuel at the Golf Course Maintenance Shop on the NMSU Golf Course (FigureB3). AST 14 is located in a low traffic area and is protected on two (2) sides by cinder block walls. AST 14 has a capacity 500 gallons, is constructed of single walled steel and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 13 has a concrete secondary containment pad in place for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	500	Southeast and then southwest toward Tortugas Arroyo	Instantaneous
Partial failure of tank (failure below product line)	1 to 500	Same as above	Gradual to instantaneous
Tank overfill	30	Same as above	60 gal/min
Hose failure	Gradual accumulation	Same as above	<1 gal/min

Note: Direction of flow in area surrounding AST 14 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 14.

AST 15

AST 15 is a steel tank used for storage of Unleaded Gasoline fuel at the Golf Course Maintenance Shop on the NMSU Golf Course (FigureB3). AST 15 is located in a low traffic area and is protected on two (2) sides by cinder block walls. AST 15 has a capacity 300 gallons, is constructed of single walled steel and has secondary containment as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 15 has a concrete secondary containment pad in place for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	300	Southeast and then southwest toward Tortugas Arroyo	Instantaneous
Partial failure of tank (failure below product line)	1 to 300	Same as above	Gradual to instantaneous
Tank overfill	30	Same as above	60 gal/min
Hose failure	Gradual accumulation	Same as above	<1 gal/min

Note: Direction of flow in area surrounding AST 15 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 15.

AST 16

AST 16 is comprised of two (2) metal drums for storage of motor oil at the Agricultural Complex on the NMSU Main Campus (Figure C1). AST 16 is located in a small, secure storage shed. AST 16 has a capacity of 55 gallons, is constructed of metal and has poly secondary containment pallet as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 16 has a poly secondary containment pallet in place for 100% of tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	>55	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to >55	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding AST 16 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 16.

AST 17

AST 17 is comprised of (3) metal drums for storage of hydraulic oil at the Agricultural Complex on the NMSU Main Campus (Figure C1). AST 17 is located in a small, secure storage shed. AST 17 has a capacity of 55 gallons, is constructed of metal and has poly secondary containment pallet as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 17 has a poly secondary containment pallet in place for 100% of tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	55	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 55	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding AST 17 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 17.

AST 18

AST 18 is a steel tank used for storage of Diesel Fuel at the Agricultural Complex on the NMSU Main Campus (Figure C1). AST 18 is located in a low traffic area. AST 18 has a capacity of approximately 430 gallons, is constructed of single walled steel and has a concrete secondary containment pad as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 18 has a concrete secondary containment pad in place for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	430	Northwest and then west toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 430	Same as above	Gradual to instantaneous
Tank overfill	30	Same as above	60 gal/min
Hose failure	Gradual accumulation	Same as above	<1 gal/min

Note: Direction of flow in area surrounding AST 18 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 18.

AST 19

AST 19 is a steel tank used for storage of Diesel Fuel at the Agricultural Complex on the NMSU Main Campus (Figure C1). AST 19 is located in a low traffic area adjacent to AST 18. AST 19 has a capacity of approximately 430 gallons, is constructed of single walled steel and has a concrete secondary containment pad as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 19 has a concrete secondary containment pad in place for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	430	Northwest and then west toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 430	Same as above	Gradual to instantaneous
Tank overfill	30	Same as above	60 gal/min
Hose failure	Gradual accumulation	Same as above	<1 gal/min

Note: Direction of flow in area surrounding AST 19 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 19.

AST 20

AST 20 is a steel tank used for storage of used oil at the Agricultural Complex on the NMSU Main Campus (Figure C1). AST 20 is located in a low traffic area. AST 20 has a capacity of 240 gallons, is constructed of steel and has a concrete secondary containment pad as described below.

Containment and Diversionary Structure – 40 CFR 112.7(c)

AST 20 has a concrete secondary containment pad in place for 100% of the tank capacity.

Potential Spill Volumes and Rates – 40 CFR 112.7(b)

Potential Event	Possible Quantity Released (gallons)	Direction of Flow	Rate of Flow
Complete failure of tank (failure below product line)	240	West toward NMSU Regional Pond	Instantaneous
Partial failure of tank (failure below product line)	1 to 240	Same as above	Gradual to instantaneous
Tank overfill	<2	Same as above	1 gal/min
Pipe failure	---	---	---

Note: Direction of flow in area surrounding AST 20 has been determined and existing secondary containment is sufficient to contain the entire contents of AST 20.

Appendix B
Facility Storage (ASTs)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
AST 1	STEEL - SINGLE WALL	USED OIL	55	DACC AUTO SHOP
AST2	STEEL - SINGLE WALL	USED OIL	55	DACC AUTO SHOP
AST 3	STEEL - SINGLE WALL	OIL	55	PSL
AST 4	POLY - SINGLE WALL	USED OIL	55	PSL
AST 5	STEEL - SINGLE WALL	HYDRAULIC OIL	55	PSL
AST 6	STEEL - SINGLE WALL	DIESEL	500	CENTRAL UTILITY PLANT
AST 7	STEEL - SINGLE WALL	HYDRAULIC OIL	55	CENTRAL UTILITY PLANT
AST 8	STEEL - SINGLE WALL	USED OIL	370	FS SHOP
AST 9	STEEL - SINGLE WALL	DIESEL	400	FS SHOP
AST 10	STEEL - SINGLE WALL	MOTOR OIL	55	FS SHOP
AST 11	STEEL - SINGLE WALL	DIESEL	500	FS GROUNDS
AST 12	STEEL - SINGLE WALL	GASOLINE	500	FS GROUNDS
AST 13	STEEL - SINGLE WALL	GASOLINE	500	GOLF COURSE SHOP
AST 14	STEEL - SINGLE WALL	DIESEL	500	GOLF COURSE SHOP
AST 15	STEEL - SINGLE WALL	GASOLINE	300	GOLF COURSE SHOP
AST 16	STEEL - SINGLE WALL	MOTOR OIL	55	AGRICULTURAL COMPLEX
AST 17	STEEL - SINGLE WALL	HYDRAULIC OIL	55	AGRICULTURAL COMPLEX
AST 18	STEEL - SINGLE WALL	DIESEL	430	AGRICULTURAL COMPLEX
AST 19	STEEL - SINGLE WALL	DIESEL	430	AGRICULTURAL COMPLEX
AST 20	STEEL - SINGLE WALL	USED OIL	240	AGRICULTURAL COMPLEX
TOTAL AST CAPACITY = > 5,165 GALLONS				

Appendix B
Potential Spill Prediction, Volumes, Rates, and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
AST 1	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	55	WEST	YES
AST2	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	55	WEST	YES
AST 3	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	55	WEST	YES
AST 4	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	55	WEST	YES
AST 5	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	55	WEST	YES
AST 6	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	500	WEST	YES
AST 7	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	55	WEST	YES
AST 8	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	370	WEST	YES
AST 9	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	400	WEST	NO (Mobile Refueler 40 CFR 112.8(c)(11))
AST 10	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	55	WEST	YES
AST 11	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	500	WEST	YES
AST 12	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	500	WEST	YES
AST 13	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	500	WEST	YES
AST 14	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	500	WEST	YES
AST 15	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	300	WEST	YES
AST 16	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	55	WEST	YES
AST 17	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	55	WEST	YES
AST 18	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	430	WEST	YES
AST 19	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	430	WEST	YES

Appendix B
Potential Spill Prediction, Volumes, Rates, and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
AST 20	VARIABLE (SEE APPENDIX B)	VARIABLE (SEE APPENDIX B)	240	WEST	YES

New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Appendix C
Transformers (Oil Filled Equipment)

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T25 095	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	No Field Verification
T25 100	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 105	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 110	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 115	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 120	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 125	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 130	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	SUTHERLAND VILLAGE
T25 135	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 142	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	NEW CHILLER PLANT
T25 144	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	NEW CHILLER PLANT
T25 150	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	430	DACC NORTH
T25 151	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	WELL 17
T25 152	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	EQUESTRIAN CENTER
T25 155	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	DACC SE CORNER
T25 160	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	WELL 10
T25 165	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 170	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	SUTHERLAND VILLAGE
T25 175	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 180	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T25 185	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 190	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	SUTHERLAND VILLAGE
T25 195	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	SUTHERLAND VILLAGE
T25 200	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 205	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 210	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 215	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 220	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 225	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 230	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 235	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COLE VILLAGE
T25 240	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	TOM FORT VILLAGE
T25 245	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	TOM FORT VILLAGE
T25 250	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	TOM FORT VILLAGE
T25 255	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	50	TOM FORT VILLAGE
T25 260	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	TOM FORT VILLAGE
T25 261	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	430	GEOTHERMAL STATION
T25 265	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	TOM FORT VILLAGE
T25 270	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 275	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T25 280	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 285	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 290	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 295	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUTHERLAND VILLAGE
T25 300	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	TOM FORT VILLAGE
T25 305	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	VISTA DEL MONTE CONVENIENCE
T25 310	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	VISTA DEL MONTE
T25 315	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	VISTA DEL MONTE
T25 320	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	VISTA DEL MONTE
T25 325	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	VISTA DEL MONTE
T25 330	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	VISTA DEL MONTE
T25 335	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 340	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 345	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	165	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 350	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 355	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 360	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	175	ARTS CENTER

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T25 365	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 370	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 371	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 372	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 373	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 374	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 375	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 376	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 377	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 378	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FAMILY STUDENT HOUSING VISTA DEL MONTE
T25 385	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	CHILLER BUILDING
T25 390	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	CHILLER BUILDING
T25 395	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	CHILLER BUILDING
T25 400	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	CHILLER BUILDING
T25-401	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	RENTFROW

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T25 405	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	430	PSL
T25 410	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	430	COMPUTER CENTER
T25 412	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	O'DONNELL HALL
T25 415	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	390	(NEW) SCIENCE HALL
T25 420	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	HARDMAN SUBSTATION
T25 422	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	BARNES & NOBLE BOOKSTORE
T25 423	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	HEALTH & SOCIAL SCIENCE
T25 424	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	GARDINER HALL
T25 425	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	CHEMISTRY '96
T25 426	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	MILTON HALL
T25 427	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	390	PERFORMING ARTS COMPLEX
T25 428	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	WELL 16
T25 429	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	SPIRITUAL CENTER
T25 430	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	GARCIA SUBSTATION
T25 435	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	320	CORBETT 96
T25 440	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	430	LOCUST SUBSTATION
T25 445	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	STUDENT ACTIVITY CENTER
T25 450	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	LOCUST & STEWART SUBSTATION
T25 455	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	WIND TUNNEL & EH&S

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T25 460	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	BASEBALL FIELDS
T25 465	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	430	WELLS HALL SUBSTATION
T25 466	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	320	FULTON CENTER (STADIUM ANNEX)
T25 467	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	TENNIS CENTER
T25 470	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	430	GENESIS & ACADEMIC RESEARCH CENTER
T25 475	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	390	EL PASEO & COLLEGE DRIVE
T25 476	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	PINON HALL
T25 477	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	CHAMISA II BLDG. H
T25 478	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	PAN AM CENTER
T25 479	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	CHAMISA II BLDG G
T25 480	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	SKEEN HALL (CSDAL)
T25 481	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	CHAMISA II BLDG. E
T25 482	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	INTRAMURAL FIELD
T25 483	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	CHAMISA II BLDG. F
T25 485	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	270	SKEEN HALL (CSDAL)
T25 486	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	CHAMISA I BLDG. A
T25 487	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	NATIVE AMERICAN CENTER
T25 487 (D)	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	350	WOOTEN HALL
T25 488	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	CHAMISA I BLDG. B
T25 490	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	350	SKEEN HALL (CSDAL)

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T25 492	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	CHAMISA I COMMON AREA
T25 494	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	CHAMIA I BLDG. C
T25 495	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	KNOX & FRENGER STREET SUBSTATION
T25 421	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	ULC
T25 500	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	500	CHEMISTRY SUB
T25 525	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	430	CHEMISTRY SUB
T25 530	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	NATATORIUM
T25 630	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	FRENGER FOOD COURT
T25 715	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	MUSIC HALL
T25 720	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	WILLIAMS HALL AND ANNEX
T5 100	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	NMDA
T5 105	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	345	STUCKY HALL
T5 110	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	390	DACC NORTH SUBSTATION
T5 115	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	320	DACC SHOPS
T5 120	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	320	DACC NORTH SHOP
T5 125	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	ALLIED HEALTH BLDG.
T5 125 (D)	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	280	PHYSICAL SCIENCE LABORATORY (PSL)
T5 130	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	300	PSL
T5 135	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	PSL
T5 140	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	277	PSL

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T5 145	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	277	PSL
T5 150	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	PSL MACHINE SHOP WEST
T5 155	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	PSL MACHINE SHOP EAST
T5 160	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	PSL ANNEX
T5 165	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	FIRE STATION
T5 165 (D)	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	OFS SHOPS SOCCER FIELD RESTROOMS
T5 170	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FS FIRE STATION/ FUEL/PAINT BOOTH/
T5 175	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	SWTDI MAIN BLDG.(PHOTOVOLTAIC)
T5 176	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	SWTDI BACK SIDE LOT(PHOTOVOTAIC)
T5 180	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	WIND TUNNEL RESEARCH
T5 185	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	50	FS DEPARTMENT STORAGE
T5 205	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	WELLS HALL
T5 210	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	FS GROUNDS
T5 215	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	COSMIC RAY/SCENE SHOP
T5 220	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	HOUSING WAREHOUSE
T5 225	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	GENERAL DYNAMICS ANTENNA FARM
T5 230	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	215	FRATERNITY HOUSES
T5 235	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	GREEK COMPLEX
T5 240	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	HEALTH EDUCATION CENTER (Geothermal)
T5 245	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	NMSU WATER TANKS

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T5 250	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	120	PRESIDENT'S RESIDENCE
T5 255	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	55	ACCESS GATE (Driving Range)
T5 270	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	FISHERIES
T5 275	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	100	RODEO GROUNDS
T5 280	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	100	V. ERL. LABORATORY
T5 285	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	OLD EMF (CHEMICAL STORAGE)
T5 300	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	GOLF COURSE PUMP HOUSE
T5 340	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	255	SOFTBALL PARKING LOT
T5 350	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	35	GOLF COURSE RESTROOM
T5 355	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	AGGIE STADIUM (West)
T5 360	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	190	AGGIE STADIUM (East)
T 362	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COACHES OFFICE
T5 365	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	AGGIE STADIUM PUMP WEIGHT ROOM
T5 370	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	STADIUM DRESSING ROOM
T5 375	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	STADIUM OUTTDOOR ACTIVITIES
T5 380	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	290	AGGIE STADIUM (Scoreboard)
T5 385	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	STREET LIGHTING WILLIAMS VAULT
T5 395	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	250	REGENTS ROW
T5 400	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	75	REGENTS ROW
T5 405	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	75	REGENTS ROW

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T5 410	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	REGENTS ROW
T5 415	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	CAMPUS HEALTH CENTER
T5 420	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	BRELAND
T5 425	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	NATATORIUM
T5 430	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	200	STUDENT ACTIVITY CENTER
T5 435	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	WELL
T5 440	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	FS WAREHOUSE
T5 445	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	NORTHWEST STADIUM VAULT STREET LIGHTING
T5 455	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	RANGE CATERPILLAR (Gordon Watts)
T5 460	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	WELL 14
T5 465	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	USDA
T5-475	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	35	MILLER FIELD (OLD 1955' FIELD)
T5 480	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	ZUHL COLLECTIONS AND ALUMNI CENTER
T5 485	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	255	POLICE DEPARTMENT
T5 490	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	TEJADA BLDG. EAST
T5 500	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	250	NEALE HALL
T5 505	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	LIVESTOCK JUDGING PAVILLION
T5 520	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	GERALD THOMAS
T5 525	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	GERALD THOMAS
T5 530	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	GERALD THOMAS

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T5 535	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	GERALD THOMAS ROOF
T5 540	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	290	ENGINEERING COMPLEX (1&2)
T5 560	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	275	JETT HALL
T5 585	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	THOMAS & BROWN
T5 587	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	GODDARD HALL
T5 590	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	275	FOSTER HALL
T5 591	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	275	FOSTER HALL
T5 605	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	BRANSON LIBRARY
T5 610	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	BRANSON/YOUNG HALL
T5 615	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	325	ZUHL LIBRARY
T5 620	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	ASTRONOMY RESEARCH
T5 625	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	250	BIOLOGY ANNEX
T5 630	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	225	FRENGER FOOD COURT
T5 650	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	GARCIA ANNEX
T5 655	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	20	STREET LIGHTS
T5 660	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	150	EDUCATIONAL SERVICES
T5 675	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	235	HADLEY/DOVE HALL
T5 685	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	250	ENGLISH SPEECH
T5 - 710	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	25	CHI OMEGA
T5 720	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	230	GARCIA HALL

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
T5 750	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	155	ZTA/DZ
T5 755	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	250	RGH RESIDENCE
T5 760	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	250	RGH RESIDENCE
T5 770	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	250	CHEMISTRY '67
T5 775	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	CHEMISTRY '55
T5 800	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	115	KENT HALL
T5 805	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	345	BUSINESS ADMINISTRATION BLDG.
T5 820	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	350	COMPUTER CENTER
T5 825	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	450	COMPUTER CENTER
T5 830	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	COMPUTER CENTER
T5 845	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	430	ENGINEERIMG COMPLEX III
T5 850	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	ANIMAL METABOLISM & HOG BARN
T5 855	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	50	SILO
T5 860	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	75	MILKING PARLOR EAST
T5 865	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	SUGARMEN SPACE
T5 870	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	250	PGEL
T5 875	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	390	CHILLER BUILDING
T5 880	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	450	CENTRAL UTILITY PLANT
T5-885	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	125	KNOX HALL
88 250	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	ARROWHEAD

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
88 260	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	GENERAL DYNAMICS
88 290	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	GENERAL DYNAMICS EAST
UNK 1	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	ENGINEERING COMPLEX III
UNK 2	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	AGGIE STADIUM SOUTHEAST
SPARE 1	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 2	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 3	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 4	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 5	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 6	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 7	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 8	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 9	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 10	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 11	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 12	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 13	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 14	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 15	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 16	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD

Appendix C
Facility Storage (Transformers)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
SPARE 17	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 18	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 19	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 20	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 21	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 22	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 23	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 24	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 25	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 26	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 27	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 28	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 29	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 30	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
SPARE 31	STEEL - SINGLE WALL	MINERAL OIL/FR3 SOYBEAN OIL (NON-PCB)	>55	LAY DOWN YARD
TOTAL TRANSFORMER CAPACITY = >48,789 GALLONS				

Notes:

(1)Transformers differntiated with "(D)" are transformers identifications that are duplicated in NMSU database

(3) Transformer located in field but not part of NMSU database

(4) Transformer in NMSU database but could not be located in field and location is not included in applicable figures.

(5) Storage capacities >55 indicates capacities not determined but storage capacity is known to be more than 55 gallons.

New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Appendix D
Emergency Backup Generators (Oil Filled Equipment)

Appendix D
Facility Storage (Emergency Generators)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
I970649864	STEEL - SINGLE WALL	DIESEL	>55	AGGIE STADIUM WEST CONCOURSE
4RG00165	STEEL - SINGLE WALL	DIESEL	500	CENTRAL PLANT #1
4RG00188	STEEL - SINGLE WALL	DIESEL	500	CENTRAL PLANT #2
ALT:7-5344-03110-1-2 EXC: 7-5344-03110-1	STEEL - SINGLE WALL	DIESEL	500	CENTRAL NORTH
2046911	STEEL - SINGLE WALL	DIESEL	192	SKEEN HALL
F7327A/001	STEEL - SINGLE WALL	DIESEL	300	WOOTON HALL
G5A00645	STEEL - SINGLE WALL	DIESEL	420	A MOUNTAIN
B060887393	STEEL - SINGLE WALL	DIESEL	600	PAN AMERICAN CENTER
8DR01535	STEEL - SINGLE WALL	DIESEL	205	FOSTER HALL
C120313991	STEEL - SINGLE WALL	DIESEL	335	PHYSICAL SCIENCE LAB
G5A05438	STEEL - SINGLE WALL	DIESEL	400	NEW CHILLER PLANT
A120298763	STEEL - SINGLE WALL	DIESEL	500	ARTS CENTER
CAT00C44JD4B02688	STEEL - SINGLE WALL	DIESEL	193	EHS&RM
D140661733	STEEL - SINGLE WALL	DIESEL	335	FIRE DEPARTMENT
PORTABLE	STEEL - SINGLE WALL	DIESEL	100	FACILITIES MECHANIC SHOP
TOTAL EMERGENCY GENERATOR CAPACITY = > 5,135 GALLONS				

Appendix D
Potential Spill Prediction, Volumes, Rates, and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
I970649864	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	EAST	YES
4RG00165	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	500	WEST	YES
4RG00188	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	500	WEST	YES
ALT:7-5344-03110-1-2 EXC: 7-5344-03110-1	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	500	WEST	YES
2046911	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	192	SOUTHWEST	YES
F7327A001	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	300	NORTHWEST	YES
G5A05438	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	420	NORTH	YES
B060887393	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	600	SOUTH	YES
8DR01535	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	205	SOUTHWEST	YES
C120313991	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	335	WEST	YES
G5A05438	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	400	WEST	YES
A120298763	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	500	WEST	YES
CAT00C44JD 4B02688	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	193	WEST	YES
D140661733	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	335	WEST	YES
PORTABLE	GENERATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	100	WEST	NO

New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Appendix E
Switches (Oil Filled Equipment)

Appendix E
Facility Storage (Switches)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
S5 110	STEEL - SINGLE WALL	OIL	>55	STUCKY VAULT
S5 145	STEEL - SINGLE WALL	OIL	>55	COMPUTER CENTER SUBSTATION VAULT # 1
S5 150	STEEL - SINGLE WALL	OIL	>55	COMPUTER CENTER SUBSTATION VAULT # 2
S5 165	STEEL - SINGLE WALL	OIL	>55	AGRICULTURAL COMPLEX VAULT
S5 170	STEEL - SINGLE WALL	OIL	>55	KNOX VAULT
S5 180	STEEL - SINGLE WALL	OIL	>55	JETT VAULT
S5 190	STEEL - SINGLE WALL	OIL	>55	CHEMISTRY VAULT
S5 200	STEEL - SINGLE WALL	OIL	>55	BUSINESS ADMNISTRATION VAULT
S5 205	STEEL - SINGLE WALL	OIL	>55	MALL VAULT
S5 210	STEEL - SINGLE WALL	OIL	>55	THOMAS AND BROWN
S5 215	STEEL - SINGLE WALL	OIL	>55	BIOLOGY VAULT
S5 220	STEEL - SINGLE WALL	OIL	>55	WALDEN VAULT
S5 225	STEEL - SINGLE WALL	OIL	>55	BRANSON VAULT
S5 235	STEEL - SINGLE WALL	OIL	>55	WILLIAMS VAULT
S5 240	STEEL - SINGLE WALL	OIL	>55	PE VAULT
S5 245	STEEL - SINGLE WALL	OIL	>55	LOCUST AND STEWART
S5 250	STEEL - SINGLE WALL	OIL	>55	ZUHL LIBRARY SWITCH
S5 275	STEEL - SINGLE WALL	OIL	>55	CORBETT VAULT
S5 280	STEEL - SINGLE WALL	OIL	>55	EL VAULT
S5 295	STEEL - SINGLE WALL	OIL	>55	EDUCATIONAL SERVICES VAULT
S5 305	STEEL - SINGLE WALL	OIL	>55	STADIUM VAULT
S5 325	STEEL - SINGLE WALL	OIL	>55	RGH VAULT
S5 335	STEEL - SINGLE WALL	OIL	>55	JACOBS VAULT
LINK BOX	STEEL - SINGLE WALL	OIL	>55	N. W. STADIUM VAULT
TOTAL SWITCH CAPACITY = > 1,320				

Appendix E
Potential Spill Prediction, volumes, Rates and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
S5 110	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 145	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 150	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 165	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	WEST	NO(NOT APPLICABLE TO OIL-FILLED OPERATIONAL EQUIPMENT)
S5 170	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 180	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 190	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 200	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 205	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 210	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 215	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 220	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 225	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 235	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 240	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 245	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 250	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 275	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)

Appendix E

Potential Spill Prediction, volumes, Rates and Control

New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
S5 280	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 295	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 305	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	WEST	NO(NOT APPLICABLE TO OIL-FILLED OPERATIONAL EQUIPMENT)
S5 325	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
S5 335	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)
LINK BOX	SWITCH FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (UNDER GROUND VAULT)

New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Appendix F
Elevators (Oil Filled Equipment)

Appendix F
Facility Storage (Elevators)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
ELEVATOR 1	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ACTIVITY CENTER
ELEVATOR 2	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ASTRONOMY BUILDING
ELEVATOR 3	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BARNES & NOBLE (South Passenger)
ELEVATOR 4	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BARNES & NOBLE (West Freight)
ELEVATOR 5	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BARNES & NOBLE (West Passenger)
ELEVATOR 6	STEEL - SINGLE WALL	HYDRAULIC OIL	<55	BARNES & NOBLE (North Escalator)
ELEVATOR 7	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BARNES & NOBLE (South Escalator)
ELEVATOR 8	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BASEBALL FIELDS
ELEVATOR 9	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BRANSON LIBRARY (East Passenger)
ELEVATOR 10	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BRANSON LIBRARY (West Passenger)
ELEVATOR 11	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BRANSON LIBRARY (East Staff Passenger)
ELEVATOR 12	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BRANSON LIBRARY (East Frieght)
ELEVATOR 13	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BUISNESS ADMINISTRATION
ELEVATOR 14	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	BRELAND HALL
ELEVATOR 15	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CENTER FOR THE ARTS (North Passenger)
ELEVATOR 16	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CENTER FOR THE ARTS (South Freight)
ELEVATOR 17	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CENTER FOR THE ARTS (Chair North)
ELEVATOR 18	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CENTER FOR THE ARTS (Stage)
ELEVATOR 19	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CHAMISA VILLAGE APARTMENTS A (North Passenger)
ELEVATOR 20	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CHAMISA VILLAGE APARTMENTS B (South Passenger)
ELEVATOR 21	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CHAMISA VILLAGE APARTMENTS C (East Passenger)

Appendix F
Facility Storage (Elevators)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
ELEVATOR 22	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CHAMISA VILLAGE APARTMENTS E (Passenger)
ELEVATOR 23	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CHAMISA VILLAGE APARTMENTS G (Passenger)
ELEVATOR 24	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CHEMISTRY & BIO-CHEMISTRY BUILDINGS (Southwest Passenger)
ELEVATOR 25	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CHEMISTRY & BIO-CHEMISTRY BUILDINGS (East Passenger)
ELEVATOR 26	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CHEMISTRY & BIO-CHEMISTRY (West Passenger)
ELEVATOR 27	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	COMPUTER CENTER
ELEVATOR 28	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CONROY HONORS
ELEVATOR 29	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CORBETT CENTER (North Center Passenger)
ELEVATOR 30	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CORBETT CENTER (Kitchen Freight)
ELEVATOR 31	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CORBETT CENTER (Kitchen Passenger)
ELEVATOR 32	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CORBETT CENTER (Northwest Passenger)
ELEVATOR 33	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	CORBETT CENTER (Bookstore Freight)
ELEVATOR 34	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	DACC MAIN (Classroom Passenger)
ELEVATOR 35	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	DACC MAIN (Library Passenger)
ELEVATOR 36	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	DACC MAIN (Health Passenger)
ELEVATOR 37	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	DACC MAIN (Outside Lift)
ELEVATOR 38	STEEL - SINGLE WALL	HYRAULIC OIL	>55	DOMENICI HALL
ELEVATOR 39	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	DOVE HALL (South Passenger)
ELEVATOR 40	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	DOVE HALL (Dumb Waiter)

Appendix F
Facility Storage (Elevators)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
ELEVATOR 41	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ENGINEERING COMPLEX 1 (West Passenger)
ELEVATOR 42	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ENGINEERING COMPLEX 2 (Center Passenger)
ELEVATOR 43	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ENGINEERING COMPLEX 3 (North Passenger)
ELEVATOR 44	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ENGINEERING COMPLEX 3 (South Frieght)
ELEVATOR 45	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ENGLISH
ELEVATOR 46	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	FOSTER HALL
ELEVATOR 47	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	FULTON CENTER (West Passenger)
ELEVATOR 48	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	FULTON CENTER (East Passenger)
ELEVATOR 49	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	GARCIA ANNEX
ELEVATOR 50	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	GARCIA HALL
ELEVATOR 51	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	GARDINER HALL
ELEVATOR 52	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	GERALD THOMAS HALL
ELEVATOR 53	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	GODDARD HALL
ELEVATOR 54	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	GUTHRIE HALL (East Passenger)
ELEVATOR 55	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	GUTHRIE HALL (West Passenger)
ELEVATOR 56	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	HADLEY HALL
ELEVATOR 57	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	JACOBS HARDMAN ULC
ELEVATOR 58	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	HEALTH AND SOCIAL SERVICES (South Passenger)
ELEVATOR 59	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	HEALTH AND SOCIAL SERVICES (Center Passenger)
ELEVATOR 60	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	HEALTH AND SOCIAL SERVICES (RM 317 Chair Lift)
ELEVATOR 61	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	JETT HALL (West Passenger)
ELEVATOR 62	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	JETT HALL (Material Lift)
ELEVATOR 63	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	KENT HALL
ELEVATOR 64	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	KNOX HALL (Center Passenger)

Appendix F
Facility Storage (Elevators)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
ELEVATOR 65	STEEL - SINGLE WALL	HYDRAUIC OIL	>55	KNOX HALL (SouthWest Freight)
ELEVATOR 66	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	MILTON HALL
ELEVATOR 67	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	MUSIC BUILDING (South Passenger)
ELEVATOR 68	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	MUSIC HALL (NorhtEast Freight)
ELEVATOR 69	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	O'DONNELL HALL (Center Passenger)
ELEVATOR 70	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	O'DONNELL HALL (West Passenger)
ELEVATOR 71	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	PAN AMERICAN (Lobby Passenger)
ELEVATOR 72	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	PAN AMERICAN (East Freight)
ELEVATOR 73	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	PAN AMERICAN (West Freight)
ELEVATOR 74	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	PINON HALL
ELEVATOR 75	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ROBERTS HALL
ELEVATOR 76	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	SCIENCE HALL (North Freight)
ELEVATOR 77	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	SCIENCE HALL (Center Passenger)
ELEVATOR 78	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	SKEEN HALL (Center Passenger)
ELEVATOR 79	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	SKEEN HALL (NorthEast Passenger)
ELEVATOR 80	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	SKEEN HALL (West Freight)
ELEVATOR 81	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	SKEEN HALL (Pent House)
ELEVATOR 82	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	SOFTBALL FIELD
ELEVATOR 83	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	SPEECH BUILDING
ELEVATOR 84	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	THOMAS-BROWNE HALL
ELEVATOR 85	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	USDA/WOOTON
ELEVATOR 86	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	VISTA DEL MONTE
ELEVATOR 87	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	WALDEN HALL
ELEVATOR 88	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	WILLIAMS ART ANNEX
ELEVATOR 89	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	YOUNG HALL
ELEVATOR 90	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ZUHL LIBRARY
ELEVATOR 91	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ZUHL LIBRARY

Appendix F
Facility Storage (Elevators)
New Mexico State University

Identification	Construction	Substance Stored	Storage Capacity (Gallons)	Location
ELEVATOR 92	STEEL - SINGLE WALL	HYDRAULIC OIL	>55	ZUHL LIBRARY
TOTAL ELEVATOR CAPACITY = > 5,060 GALLONS				

Appendix F
Potential Spill Prediction, volumes, Rates and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
ELEVATOR 1	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 2	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 3	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 4	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 5	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 6	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 7	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 8	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 9	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 10	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 11	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 12	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 13	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)

Appendix F
Potential Spill Prediction, volumes, Rates and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
ELEVATOR 14	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 15	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 16	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 17	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 18	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 19	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 20	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 21	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 22	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 23	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 24	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 25	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 26	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)

Appendix F
Potential Spill Prediction, volumes, Rates and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
ELEVATOR 27	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 28	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 29	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 30	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 31	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 32	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 33	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 34	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 35	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 36	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 37	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 38	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 39	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)

Appendix F
Potential Spill Prediction, volumes, Rates and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
ELEVATOR 40	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 41	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 42	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 43	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 44	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 45	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 46	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 47	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 48	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 49	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 50	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 51	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 52	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)

Appendix F
Potential Spill Prediction, volumes, Rates and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
ELEVATOR 53	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 54	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 55	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 56	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 57	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 58	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 59	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 60	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 61	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 62	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 63	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 64	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 65	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)

Appendix F
Potential Spill Prediction, volumes, Rates and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
ELEVATOR 66	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 67	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 68	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 69	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 70	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 71	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 72	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 73	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 74	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 75	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 76	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 77	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 78	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)

Appendix F
Potential Spill Prediction, volumes, Rates and Control
New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
ELEVATOR 79	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 80	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 81	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 82	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 83	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 84	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 85	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 86	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 87	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 88	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 89	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 90	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)
ELEVATOR 91	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)

Appendix F

Potential Spill Prediction, volumes, Rates and Control

New Mexico State University

Source	Potential Event	Maximum Discharge Rate	Maximum Volume Released (gallons)	Direction of Flow	Secondary Containment
ELEVATOR 92	ELEVATOR FAILURE/ACCIDENT	GRADUAL TO INSTANTANEOUS	>55	N/A	YES (ADJACENT MECHANICAL ROOM OR ELEVATOR BASE)

New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Appendix G
Contingency Plan

Hazardous Materials Release Appendix G

Level 1: Localized incident, e.g., chemical, biological or radiological spill or release isolated in a room with no exposure potential to other building occupants, or chemical spill to a drain.

Level 2: Spill or gaseous release with exposure potential to affect entire building, its occupants or cause campus area environmental contamination. A spill of Reportable Quantity as defined by EPA 550-B-12-003 October 2012 (https://www.epa.gov/emergency-response) is reported to NM State Police Emergency Response Officer (ERO) and handled at the local level based on local response capabilities.

Level 3: Incident affecting several buildings or which creates exposure potential affecting much of campus, such as: a gaseous release from a train or truck tanker. Large spill exceeding the local hazmat response capability which requires additional outside resources. Level 3 incidents will be reported to The NM State Police ERO.

Person receiving information about a spill or leak of hazardous materials should request the following information:

1. The location of the spill or release (research explosion, pressure release, gas leak);
2. The identity of the spilled material(s), if known;
3. The approximate quantity released and/or size of area affected;
4. Whether there has been any personal contamination resulting from the incident;
5. Whether any of the hazardous material has entered a drain;
6. Whether there are any related hazards present (i.e., fire, power failure, etc.); and
7. Location of where caller will be and a phone number**.**

Responsible Party	Level 1	Level 2 (in addition to Level 1 actions)	Level 3 (in addition to Level 2 actions)
NMSU Fire Department **Incident Commander**	Not applicable	☐ Assess incident ☐ Alert or evacuate others in the area(s) affected where indicated ☐ Activate Incident Command System ☐ Notify CART command ☐ Notify Environmental Health & Safety (EHS&RM) if release is chemical, radioactive or if specialized assistance is needed (e.g., mercury spill) ☐ Notify Biological Safety Officer (BSO) in Research Compliance for biological agent release or (potential) exposure ☐ Direct EHS&RM to report incident/release to appropriate agencies ☐ Contact Marketing and Communications ☐ Generate Action Plan with EHS&RM or may contact City/County Fire Haz Mat team ☐ Contact State Police ERO	☐ Use notification systems to warn to seek shelter indoors. ☐ Order evacuation or shelter in place ☐ Contact City/County Fire Haz Mat team and activate DAC Emergency Operations Center (EOC) ☐ Advise activation of DAC EOC to CART command and delegate a liaison to the DAC EOC ☐ Formulate and Implement Incident Action Plan ☐ Get situation briefings from Operations, assess University status
NMSU Police	Contact Facilities and Services if chemical released to drain.	☐ Contact NMSU Fire Department and EHS&RM ☐ Assist with evacuation, if necessary ☐ Send notifications/alerts ☐ Control access to area(s) and traffic, as needed ☐ Post building closure signs/tape ☐ Provide emergency dispatching support, as needed	☐ Contact other law enforcement agencies as needed ☐ Bring in staff to assist in securing area ☐ Organize ADAPT phone banks, if necessary

Responsible Party	Level 1	Level 2 (in addition to Level 1 actions)	Level 3 (in addition to Level 2 actions)
CART Liaison	Not applicable	☐ Receive updates/assessment from Incident Command ☐ Coordinate communications with Marketing and Communications (MARCOM) ☐ Update CART command ☐ Activate CART ☐ Communicate potential institutional effects of the incident. ☐ Advise CART on response options.	Same as Level 2
CART	Not applicable	☐ Receive updates from CART Liaison ☐ Evaluate information on the institutional effects of the incident and set response priorities as appropriate. ☐ Contact Dept. Head for input ☐ Notify Deans and Department heads of decisions. ☐ Provide oversight for family notifications if appropriate.	Same as Level 2

Responsible Party	Level 1	Level 2 (in addition to Level 1 actions)	Level 3 (in addition to Level 2 actions)
Emergency Action Leader/Department Head/Affected PI	☐ Follow hazardous spill procedure ☐ Notify Environmental Health Safety & Risk Management (EHS&RM) if release is chemical, radioactive or if specialized assistance is needed (e.g., mercury) ☐ Notify Biosafety Officer in Research Compliance Office for biological agent release ☐ Alert or evacuate others in the area(s) affected ☐ Notify 911 if person exposed or injured ☐ Notify 911 if chemical released to drain or injury ☐ Complete spill report and send to EHS&RM	☐ Call 911 ☐ Assists with evacuation or shelter in place. ☐ Provides information on processes and subject matter expert	Same as Level 2

Responsible Party	Level 1	Level 2 (in addition to Level 1 actions)	Level 3 (in addition to Level 2 actions)
Marketing and Communications	Not applicable	☐ Get a situation status briefing from Incident Command or CART Liaison ☐ Draft internal and external announcements for NMSU web site banner or tear away page ☐ Disseminate announcements using notification tools such as all campus email and phone hotline (646-1000) ☐ Handle media calls and news releases	☐ Establish a Media Relations Center to handle ongoing media needs
Environmental Health Safety & Risk Management	☐ Determine if anyone was exposed or contaminated needing additional treatment ☐ Obtain Safety Data Sheet ☐ Assist with clean-up and decontamination of spilled materials and the affected area(s) as needed ☐ Evaluate the cleaned and decontaminated area prior to opening the area(s) for re-occupancy, when requested Document and report the incident to internal and external entities as appropriate	☐ Provide technical resources to IC ☐ Contact Expert Team, Faculty or Dept. Heads as needed ☐ Contact outside agencies: • Contract Haz Mat responders for spill cleanup and/or decontamination • City of LC Waste water if hazardous materials have entered a drain • NM Emergency Response Commission National Response Center, NM Environmental Department, Nuclear Regulatory Commission if reportable quantities of hazardous materials were involved in the leak or spill ☐ Generate clean up action plan (may be performed in-house or by an emergency spill response contractor) ☐ Contact NM OSHA if there is an employee fatality, hospitalization, amputation. (Report must be made within eight hours of incident)	☐ Assist HazMat team as needed with technical resource ☐ Assist State and Federal agencies with causation investigation with technical expertise ☐ Help arrange technical contractor with cleanup and remediation ☐ Help assess damage and/or major contamination to buildings and campus areas

Responsible Party	☐ Level 1	Level 2 (in addition to Level 1 actions)	Level 3 (in addition to Level 2 actions)
Facilities Operations	☐ Assist with ventilation, plumbing, electric as needed ☐ Isolate wastewater drains to contain chemical release	☐ Implement the shut-off or isolation of building ventilation systems ☐ Implement any building system repairs	☐ Provide additional personnel and barricades to help Police secure area ☐ Take actions necessary to protect University utilities
Housing and Residential Life	Not applicable	Not applicable	☐ Help arrange alternate housing if dorm or housing units are damaged.
Information and Communication Technologies	Not applicable	☐ Assist with communication as necessary	☐ Same as level 2
Medical Services (EMS, University Health Centers)	Not applicable	☐ Provide medical assistance as needed ☐ Assist with Field First Aid Station ☐ Advise local hospitals if injury transport is anticipated	☐ Set up field first aid stations as need ☐ Alert hospitals to possibility of casualties ☐ Arrange for counseling services
Auxiliary Administration—Dining Services	Not applicable	☐ Arrange for alternate facilities/services if area is impacted.	☐ Provide dining services for rescue workers
Purchasing & Materials Management	Not applicable	☐ Document damage and initiate insurance claims as necessary	☐ Purchasing and Materials Management

Responsible Party	Level 1	Level 2 (in addition to Level 1 actions)	Level 3 (in addition to Level 2 actions)
Research Compliance Office Biosafety Officer For Biological Releases and Biohazards	☐ For biological release, determine if anyone was exposed or contaminated needing additional treatment ☐ Obtain and disseminate Biosafety in Microbiological and Biomedical Laboratories agent description ☐ Assist with cleanup and decontamination of spilled materials and the affected area(s) as needed ☐ Evaluate the cleaned and decontaminated area prior to opening the area(s) for re-occupancy when requested ☐ Document and report the incident to internal and external entities as appropriate	☐ Provide technical resources to IC ☐ Contact Expert Team, Faculty or Dept. Heads as needed. ☐ Coordinate with EHS&RM for contact with outside agencies: • City of Las Cruces Waste Water if detrimental biohazardous materials have entered a drain • OSHA if there is a fatality or if three or more employees are hospitalized. (Contact must be made within eight hours of incident) ☐ Generate cleanup action plan (may be performed in-house or by an emergency spill response contractor) • Contact Haz Mat responders for spill cleanup and/or decontamination	☐ Assist Haz Mat team as needed with technical resource ☐ Assist State and Federal agencies with causation investigation with technical expertise ☐ Help arrange technical contractor with cleanup and remediation ☐ Help assess major contamination to buildings and campus areas

New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Tables 1 – 3
Inspection Summary, Inspection Form, Loading/Unloading Procedures

New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Table 1

Inspection Summary of Evaluation, Inspection, and Testing

Table 1

Inspection,Evaluation,Testing Requirements, Recordkeeping

New Mexico State University

Facility Component	Method, Circumstance & Action Required	Frequency
Maintain Records		
Recordkeeping	Keep written procedures and a signed record of inspections and tests on hand for a period of three years for all actions.	Each time an inspection, evaluation or test is conducted
Inspections		
Loading/ Unloading area and all outlets on delivery trucks, portable totes and cargo pumps	Visually inspect prior to filling tanks, departure of trucks or disconnection of pumps. Ensure all caps are tight and adjusted correctly.	Prior to filling and departure
Aboveground bulk storage container	Inspect outside of container for signs of deterioration and discharges. Promptly correct	Quarterly
Secondary containment for bulk storage containers	Inspect for signs of deterioration, discharges, or accumulation of oil, promptly remove any oil.	Quarterly and after above average (>0.5 inches) rainfall events
Secondary containment structures for above ground containers	Visually inspect content for presence of oil.	Quarterly and when material repairs are made
Bulk storage container supports and foundation	Inspect container's supports and foundations for problems.	Quarterly and when material repairs are made
All aboveground valves, piping, and appurtenances	Assess general condition of items such as flange joints, expansion joints, valve glands and bodies,	Quarterly and when material repairs are made
Testing		
Aboveground bulk storage container	Test container integrity. Combine visual inspection with another testing technique, if required.	Baseline and every 5 years thereafter, if required
Liquid level sensing devices	Test for proper operation	Per manufacturers recommendations

New Mexico State University
Spill Prevention, Control, & Countermeasure (SPCC) Plan

Table 2

Inspection form for AST's (Bulk Containers > 55 Gal.)

Environmental Health Safety & Risk Management
New Mexico State University
P.O. Box 30001 / MSC 3578
Las Cruces, NM 88003-8001
Phone: 575-646-3327 / Fax: 575-646-7898

NMSU SPCC Inspection Form

Building/Room/General Area Description:	Within (30) days of the receipt of the SPCC inspection report, a written response shall be made describing the corrective actions(s) that have been taken or the action plan to address the deficiencies. Send written response to: Jack Kirby, Asst. Director EHS (jfkirby@nmsu.edu) **&** Michael Lucero, Hazardous Materials Speicalist (chimy@ad.nmsu.edu) ***Please put in subject: "SPCC Inspection Response"*** *[Code of Federal Regulations 40 CFR 112]*
Inspector(s) Name:	
Inspection Date:	
Department:	
Primary Contact (Name & Title):	Reviewed by:

Fuels/Oils Management	Spills Prevention Controls & Countermeasures (SPCC) regulations only apply to tanks >= 55 gal. at facilities with 1320 gallons storage capacity, or greater. If a facility does not meet these two requirements, an SPCC inspection is not required. As of November 2015, the four NMSU areas subject to SPCC regulations are: 1.) the NMSU main campus, 2.) the Clayton Livestock Research Center, 3.) Ag. Science Center at Los Lunas, and 4.) the Corona Range and Livestock Research Center. Utilize this form for these four areas.

Fuel/Oil Management (SPCC)	**Y**	**N**	**N/A**	**Deficiency / Comment**
Storage tanks – bulk and mobile				
Are tank surfaces free of signs of leakage?				
Is the tank undamaged and in good repair?				
Are level gauges or alarms operative?				
Are vents open/unobstructed?				
Is secondary containment adequate (110% of tank volume. Capped drain)?				
Is the interstice of any double-walled tank(s) free of water/product?				
Piping				
Valve seals, gaskets, or other appurtenances free of signs of leaking?				
Pipelines or supports are undamaged and in good repair?				
Joints, valves and other appurtenances not leaking?				
Drum storage/Lighting				
Are drums undamaged and in good repair?				
Are drums leaking?				
Is there visible evidence of a spillage?				
Lighting is functional?				
Response Equipment				
Spill kit/Absorbent adequately available				
Administrative				
Is the SPCC device list (e.g., tank inventory) up to date?				
Are departmental monthly SPCC inspection records current?				
Are departmental SPCC training records current?				
Are written fueling procedures and spill response procedures available?				
Are at least three years of waste oil disposal manifests available for inspection?				

Table 3
Loading and Unloading Procedures

3.14.2 Loading/Unloading Procedures – 40 CFR 112.7(h)(2) & (3)

All suppliers must meet the minimum requirements and regulations for tank truck loading/unloading established by the U.S. Department of Transportation. Procedures will be established so that the vendor(s) understands the site layout, knows the protocol for entering the Site and unloading product, and has the necessary equipment to respond to a discharge from the vehicle or fuel delivery hose.

The departmental manager or his/her designee supervises oil deliveries for all new suppliers, and periodically observes deliveries for existing, approved suppliers. Vehicle/equipment filling operations are performed by operating personnel trained in proper discharge prevention procedures. The driver or equipment operating personnel will remain with the vehicle/equipment at all times while fuel is being transferred. Transfer operations are performed according to the minimum procedures outlined in the table below.

Task Description	Procedures
Prior to loading/unloading	☐ Visually check all hoses for leaks and wet spots. ☐ Verify that sufficient volume is available in the storage tank or truck. ☐ Secure the tank vehicle with wheel chocks and interlocks. ☐ Verify that the vehicle's parking brakes are set. ☐ Verify proper alignment of valves and proper functioning of the pumping system. ☐ Establish adequate bonding/grounding prior to connecting to the fuel transfer point. ☐ Turn off cell phone.
During loading/unloading	☐ Driver must stay with the vehicle at all times during loading/unloading activities. ☐ Facility manager or designee should observe the delivery driver during loading/unloading. ☐ Periodically inspect all systems, hoses and connections. ☐ When loading, keep internal and external valves on the receiving tank open along with the pressure relief valves. ☐ When making a connection, shut off the vehicle engine. When transferring Class 3 materials, shut off the vehicle engine unless it is used to operate a pump. ☐ Maintain communication with the pumping and receiving stations. ☐ Monitor the liquid level in the receiving tank to prevent overflow. ☐ Monitor flow meters to determine rate of flow. ☐ When topping off the tank, reduce flow rate to prevent overflow.
After loading/unloading	☐ Make sure the transfer operation is completed. ☐ Close all tank and loading valves before disconnecting. ☐ Securely close all vehicle internal, external, and dome cover valves before disconnecting. ☐ Secure all hatches. ☐ Disconnect grounding/bonding wires. ☐ Make sure the hoses are drained to remove the remaining oil before moving them away from the connection. Use a drip pan. ☐ Cap the end of the hose and other connecting devices before moving them to prevent uncontrolled leakage. ☐ Remove wheel chocks and interlocks. ☐ Inspect the lowermost drain and all outlets on tank truck prior to departure. If necessary, tighten, adjust, or replace caps, valves, or other equipment to prevent oil leaking while in transit.