

**SPILL PREVENTION, CONTROL
AND
COUNTERMEASURE (SPCC) PLAN
FOR THE
UNIVERSITY OF MAINE
AT PRESQUE ISLE
181 MAIN STREET
PRESQUE ISLE, MAINE**

PREPARED FOR THE:

**UNIVERSITY OF MAINE
AT PRESQUE ISLE
181 MAIN STREET
PRESQUE ISLE, ME 04769**

PREPARED BY:

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APPENDIX

Figure 1	Location Map
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Attachment 1	1-1 Spill Log 1-2 Spill Information Report Form (§ 112.7(a)(4)) 1-3 Hazardous Materials Incident Initial Notification Form 1-4 Information Report to Regional Administrator for <u>Qualified Discharge(s)</u>
Attachment 2	2-1 Inspection Procedures and Records (§ 112.7(e)) 2-2 Weekly Inspection Checklist 2-3 Drainage of Water from Secondary Containment 2-4 SPCC Plan Personnel Training Log
Attachment 3	Transformer Oil Spill Contingency Plan (§ 112.7(k)(2)(ii)) February 23, 2009 Letter from Maine Public Service to UMPI

Log of Plan Review and Amendments (§ 112.5)

NON TECHNICAL AMENDMENTS

- Non-technical amendments are not certified by a Professional Engineer.
- Examples of changes include, but are not limited to, phone numbers, name changes, or any non-technical text change(s).

TECHNICAL AMENDMENTS

- Technical amendments are certified by a Professional Engineer (§ 112.5(c)).
- Examples of changes include, but are not limited to, commissioning or decommissioning containers; replacement, reconstruction, or movement of containers; reconstruction, replacements, or installation of piping systems; construction or demolition that might alter secondary containment structures; changes of product or service; or addition/deletion of standard operation or maintenance procedures related to discharge prevention measures. It is the responsibility of the facility to determine, and confirm with the regulatory authority as necessary, what constitutes a technical amendment. The preamble of the rule states that an amendment is required only “when there is a change that materially affects the facility’s potential to discharge oil” (67 FR 47091).
- An amendment made under this section will be prepared within six (6) months of the change and implemented as soon as possible but not later than six (6) months following preparation of the amendment.
- Technical Amendments affecting various pages within the plan can be P.E. certified on those pages, certifying those amendments only, and will be documented on the log form below.

MANAGEMENT REVIEW

- Management will complete a review and evaluation of this SPCC Plan at least each five (5) years and document the review on the form below (§ 112.5(b)).

Review/ Amend Date	Signature* (Specify)	Amend Plan (will/ will not)	Description of Review Amendment	Affected Page(s)	P.E. Cert. (Y/N)

* Typically signed by Manager, Professional Engineer or plan reviewer.

**Certification of Applicability of Substantial Harm Criteria (§ 112.20(e))
(Excerpt from 40 CFR Part 112 – Attachment CII)**

Facility Name: University of Maine at Presque Isle (UMPI)

Facility Address: 181 Main Street, Presque Isle, Aroostook County, Maine

1. Does the facility transfer oil over water to or from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons? YES _____ No X
2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground tank area? YES _____ No X
3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III to Appendix C to 40 CFR Part 112 or a comparable formula¹) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? [For further description of fish and wildlife and sensitive environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Plans: Fish and Wildlife and Sensitive Environments" (see Appendix E to Part 112, Section 10, for availability) and the applicable Area Contingency Plan.] YES _____ No X
4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III to Appendix C to 40 CFR Part 112 or a comparable formula¹) such that a discharge from the facility would shut down a public drinking water intake²? YES _____ No X
5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons in the last 5 years? YES _____ No X

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

David St. Peter, SPCC Plan Coordinator

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

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

GENERAL FACILITY INFORMATION

Name, Type and Location of Facility and Plan Location (§ 112.3(e))

Name of Facility: University of Maine at Presque Isle (UMPI)
Type of Facility: Bulk Oil Storage – On Shore Facility (excluding production)
Location of Facility: 181 Main Street, Presque Isle, Maine (see Figure 1 in the Appendix)

Name, Telephone and Address of Owner and Operator

Owner of Facility: University of Maine System, 107 Maine Avenue, Bangor, ME 04401

University of Maine at Presque Isle 181 Main Street, Presque Isle, ME Facility Contacts					
Facility Contact	Work Days/ Hours	Work Phone	Cell Phone	Home Phone	Address
David St. Peter, SPCC Plan Coordinator	Monday – Friday/ 7:00am – 3:30pm	768-9577	551-2211	896-3447	181 Main Street Presque Isle, ME
Richard Kidney, Mech. & Trades Worker	Monday – Friday/ 6:00am – 2:30pm	768-9576	None	764-6321	181 Main Street Presque Isle, ME
Charles Bonin, VP of Administration	Monday – Friday/ 8:00am – 5:00pm	768-9550	551-6828	764-5544	181 Main Street Presque Isle, ME

Total Facility Capacity – Regulated Containers: 5,333 gallons

Hours per Day Facility Attended: 12 - 14

Location of SPCC Plan (§ 112.3(e)). A complete copy of this SPCC Plan is maintained at the Support Building (refer to Figure 2) at all times.

Designated Persons Accountable for Oil Spill Prevention at Facility (§ 112.7(f)(2)):

NAME AND TITLE – David St. Peter, SPCC Plan Coordinator

Management Approval (§ 112.7)

I have read and understand this SPCC Plan. All employees under my supervision will be trained on all policies and procedures as specified in this plan. This SPCC Plan will be implemented as herein described.

Signature - _____

Name - David St. Peter
 Title - SPCC Plan Coordinator

Date - _____

Professional Engineer Certification (§ 112.3(d)(1))

By means of this Professional Engineer Certification, I hereby attest to the following:

- I am familiar with the requirements of 40 CFR Part 112.
- I or my agent have visited and examined the facility.
- This Plan has been prepared in accordance with good engineering practice, including consideration of applicable industry standards, and with the requirements of this part.
- The procedures for required inspections and testing have been established.
- This Plan is adequate for the facility.

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

Cheryl L. St. Peter
Professional Engineer

Date: _____

License No. 8361 State: Maine

Conformance with Requirements Listed in This Part or Applicable More Stringent State Rules (§§ 112.7(a)(1),(2) and § 112.7(j)). This facility's conformance with or deviation from the listed requirements in the rule (40 CFR Part 112) is discussed under each section of this SPCC plan, as cross-referenced with the applicable section of the rule. The Maine State Fire Marshal Office (SFMO) Rules and Regulations for Flammable and Combustible Liquids apply to the gasoline and diesel tanks at this facility and the Maine Oil and Solid Fuel Board Rules apply to the #2 fuel oil tanks connected to oil-burning equipment at this facility. Also applicable to this facility is the State of Maine Chapter 691 *Rules for Underground Oil Storage Facilities* which applies to the eight (8) underground storage tanks (USTs) at this facility. If any more stringent state requirement is followed in this plan, it is explained under the applicable section in the plan and the applicable state rule is referenced.

1. Facility Description (§ 112.7(a)(3))

1.1 Physical Layout (§§ 112.7(a)(3) and 112.7(a)(3)(i)). This facility is located at 181 Main Street (i.e., US Route 1) in Presque Isle, Maine (refer to Figure 1 in the Appendix) approximately 0.25 miles south of the Route 1/Route 10 intersection. As detailed in Section 2 and shown on the Site Diagram (Figures 2a and 2b in the Appendix), the following sources at this facility are subject to 40 CFR Part 112:

- Two (2) manifolded #2 fuel oil aboveground storage tanks (ASTs #1 & #2) with a capacity of 330 gallons each located at the Support Building;
- One (1) 330 gallon diesel fuel tank (AST #3) located at the Storage Garage;
- One (1) 330 gallon diesel fuel tank (AST #4) located at the Support Building;
- One (1) 500 gallon unleaded gasoline tank (AST #5) located at the Support Building;
- One (1) 225 gallon cooking oil tank (AST #6) located at Kelley Commons;
- Nine (9) pad mounted transformers containing mineral oil located at the Support Building, the Campus Center, South Hall, Merriman Hall, Preble Hall, Weiden Hall, Gentile Hall, Emerson Hall and the Wind Turbine site; and
- Nine (9) hydraulically operated elevators located at the Campus Center, the Library, Preble Hall, South Hall, Pullen Hall, Kelley Commons, Emerson Hall, Gentile Hall and Merriman Hall.

ASTs #1 and #2 (i.e., Support Building) are located in the boiler room of the building and AST #3 (i.e., Storage Garage) is located in the eastern end of the garage. AST #4 is connected to an emergency generator located on the southwest corner of the Support Building and AST #5 is located outside on the north side of the Support Building in a concrete containment structure equipped with a roof. AST #6 is located outside on the western side of Kelley Commons. The pad-mounted transformers are located outside the buildings on concrete pads. All of the hydraulic oil reservoir tanks for the elevators are located in mechanical rooms and the supply piping and cylinders are located in the elevator shafts. The closest surface water body to the facility is Mantle Brook between Mantle Lake and Presque Isle Stream, located approximately 500 feet northeast of the closest tank at the facility. Surface topography indicates drainage to the northeast, towards Mantle Brook.

1.2 Discharge Prevention Measures (§ 112.7(a)(3)(ii)), including procedures for routine handling of products (loading, unloading, and facility transfers, etc.). All of the regulated sources of oil at this facility, except for the transformers, have appropriate secondary containment to prevent a discharge of oil to navigable waters. ASTs #1 - #5 are all equipped with eye level gauges that can be used to determine the liquid level in the tanks. ASTs #1 - #4 are also equipped with vent whistles that will warn delivery drivers that the tanks are almost full. Secondary containment for the piping associated with ASTs #1 and #2 and AST #4 is also provided by the rooms they are located in, with normally plugged floor drains. Other discharge prevention measures include security measures for the electric pumps associated with ASTs #3 and #5, monthly and annual facility inspections as recorded on Attachments 2-2 and 2-3, spill response materials maintained in the vicinity of each source, secondary containment drainage procedures as recorded on Attachment 2-4, and spill prevention training briefings as recorded on Attachment 2-5.

1.3 Discharge or Drainage Controls (§ 112.7(a)(3)(iii)). The secondary containment structures for AST #5 and AST #6 at Kelley Commons are exposed to precipitation and will require drainage. Drain valves are located on each of the concrete containment structures which are normally closed and only opened by authorized personnel in order to drain water from the containment

structures after they have been inspected for evidence of fuel. Additionally, some of the elevator shafts have sumps and pumps and may require drainage. Drainage of accumulated water from either secondary containment structures or the elevator shafts is completed in accordance with the procedures detailed in Section 8.1 and recorded on Attachment 2-4. The only other regulated sources of oil at this facility that are located outside and exposed to precipitation are the pad mounted transformers, which do not have secondary containment.

1.4 Countermeasures for Discharge Discovery, Response, and Cleanup (§ 112.7(a)(3)(iv)).

Facility's Capability. This facility is inspected monthly as recorded on Attachment 2-2 and annually as recorded on Attachment 2-3. The emergency contact list and phone numbers are given in Section 1.6 on page 7, discharge response procedures are listed in Section 1.7 on page 8 and spill response materials are available at the facility to contain and clean up discharges.

Contractor Capabilities. In the event of a discharge that is too large to clean up with the sorbent materials and manpower available at the facility, after notifying the appropriate authorities, the designated person responsible for spill prevention at this facility, with guidance and assistance from the Maine Department of Environmental Protection (DEP) Northern Maine Regional Office (NMRO), will choose the appropriate contractor to contact for response and cleanup, depending upon the nature and size of the discharge. Any response and cleanup effort will be conducted under the Incident Command System (ICS), with the facility owner, DEP, and possibly the local fire department acting under the ICS Unified Command. Possible clean-up contractors are listed on page 7 (other contractors may be used as needed).

1.5 Methods of Disposal (§ 112.7(a)(3)(v)). Any release at this facility would be a virgin product and DEP will issue a "virgin letter" and nonhazardous waste transporter manifests for the transportation of oil-contaminated materials to the regional landfill. Recovered product may be burned in a waste oil burner or transported to a licensed hazardous waste disposal facility under the direction of DEP, in accordance with applicable state and federal rules. The transportation and disposal of recovered materials may either be completed by facility personnel and equipment (if appropriate resources are available) or by a cleanup contractor, to be determined by the facility owner and DEP response personnel.

1.6 Contact List and Phone Numbers (§ 112.7(a)(3)(vi))

EMERGENCY CONTACT NUMBERS

Immediately report any spill or leak to one of the following:

- | | | |
|--|-------|--------------|
| 1. David St. Peter, SPCC Plan Coordinator | Work: | 207-768-9577 |
| | Home: | 207-896-3447 |
| | Cell: | 207-551-2211 |
| 2. Richard Kidney, Mechanic and Trades Worker | Work: | 207-768-8576 |
| | Home: | 207-764-6321 |
| 3. Charles Bonin, Vice-President of Administration | Work: | 207-768-9550 |
| | Home: | 207-764-5544 |
| | Cell: | 207-551-6828 |

Facility personnel shall report all spills to:

- | | |
|---|-----------------------|
| 1. Maine Department of Environmental Protection (Presque Isle): | 764-0477 |
| (within 2 hours of spill) via Maine State Police: | 1-800-482-0777 |
| * See attached Spill Information Report Form (Attachment 1-2) | |
| 2. U.S. Environmental Protection Agency National Response Center | 1-800-424-8802 |
| * See attached Hazardous Materials Incident Initial Notification Form
(if over reportable quantity, off site, or into water) | or 1-202-267-2675 |

Other emergency phone numbers to contact as needed:

- | | |
|--------------------------------------|----------------|
| Fire: | 911 |
| Ambulance: | 911 |
| Police: | 911 |
| Maine State Police (Houlton): | 1-800-924-2261 |
| Aroostook County Sheriff Department: | 1-800-432-7842 |

Cleanup Contractor(s):

- | | | |
|---|------------------------|------------------------------------|
| Soderberg Company, 460 York Street, Caribou, Maine | Office: | 498-6300 |
| | Fax: | 498-6535 |
| | Home: | 493-7868 |
| John T. Noble, 317 Washburn Road, Caribou, Maine | Office: | 492-9641 |
| | Fax: | 492-1650 |
| | Home: | 498-2287 |
| Clean Harbors | 7-day, 24-hour number: | 1-800-645-8265
(1-800-OIL-TANK) |
| Maine Public Service (MPS), for transformer release | | 1-800-28power |

1.7 Discharge Reporting Information and Procedures (§§ 112.7(a)(4) and (5))

STEPS IN SPILL RESPONSE

In the event of a SPILL, the following PROCEDURES should be followed:

1. **TURN OFF ALL POWER** to the incident area.
2. Assess the safety hazards:
 - Are there any **EXPLOSION** hazards?
 - Is **HELP** needed? Is help on the way?
 - Will the spill **FLOW** off site? Are there any drains, sewers, or ditches nearby?
3. Stop the discharge (if safe to do so) and contain the spilled product.
4. Prevent the spill from leaving the facility (sewers, floor drains, ditches, catch basins). If product is heading for sewers, drains, or ditches, create a dike with Speedy Dry and/or absorbent materials to control the product flow. Isolate the area of spill and divert any traffic from driving through the spill.
 - Absorbent pads, absorbent booms, disposable bags, Speedy Dry, shovels, personal protective equipment (PPE) and a broom are kept near all oil sources, except the transformers (see list of materials below).
 - Contain spilled product-
Place absorbent material down to control the flow of the product.
 - Record the spill on **Attachment 1-1 Spill Log** and fill out **Attachment 1-2 Spill Information Report Form** regardless of the quantity released.
5. Contact (see telephone numbers on page 7):
 - Facility Owner,
 - Local fire department & DEP if needed,

If the Facility Owner cannot be reached within 2 hours, then the person who discovered the spill is responsible to report it to DEP at 1-800-482-0777.

Facility spill response materials kept at each source location (except transformers): Absorbent pads (1 box of 17" x 19" pads, 50 minimum), absorbent booms (one 3" x 4' boom), contractor bags, 1 bag Speedy Dry, hand tools (e.g., shovels), and a broom.

2. Potential Spills - Prediction & Control (§§ 112.7(a)(3)(i & iii) and 112.7(b), (c), and (d))

Source/Product	Quantity (gals)	Failure Type [†]	Flow Direction	Containment
Aboveground Storage Tanks (ASTs) and Supply Piping				
Manifolded ASTs #1 and #2 – Support Bldg/ #2 Fuel Oil	660*	Tank Rupture or Piping Failure	Radially across concrete floor	Steel Containment Basins, concrete floor and walls of boiler room w/floor drains plugged
AST #3 – Storage Garage/Diesel Fuel	330*	Tank Rupture or Piping Failure	Radially across concrete floor	Steel Containment Basin
AST #4 – Support Bldg/Diesel Fuel	330*	Tank Rupture or Piping Failure	Radially across concrete floor	Steel Containment Basins, concrete floor and walls of room w/floor drains plugged
AST #5 – Support Bldg/Unleaded Gasoline	500*	Tank Rupture or Piping Failure	Northeast towards Mantle Brook	Concrete Dike
AST #6 – Kelley Commons	225*	Tank Rupture	Northeast towards Mantle Brook	Concrete Dike
Elevator Reservoir Tanks, Supply Piping and Pistons (Oil-filled Operational Equipment)				
Preble Hall/ Hydraulic Oil	178	Piping Failure	Radially across floor into elevator shaft	Sorbents, Mech. Room w/curbing (238 gal), Elevator Shaft**
South Hall/ Hydraulic Oil	178	Piping Failure	Radially across floor into elevator shaft	Sorbents, Mech. Room w/curbing (347 gal), Elevator Shaft**
Pullen Hall/ Hydraulic Oil	157	Piping Failure	Radially across floor into elevator shaft	Sorbents, Mech. Room w/curbing (176 gal), Elevator Shaft**
Library/ Hydraulic Oil	105	Piping Failure	Radially across floor into elevator shaft	Sorbents, Mech. Room w/curbing (263 gal), Elevator Shaft**
Kelley Commons/ Hydraulic Oil	113	Piping Failure	Radially across floor into elevator shaft	Sorbents, Mech. Room w/curbing (116 gal), Elevator Shaft**
Campus Center/ Hydraulic Oil	125	Piping Failure	Radially across floor into elevator shaft	Sorbents, Mech. Room w/curbing (202 gal), Elevator Shaft**
Emerson Hall/ Hydraulic Oil	105	Piping Failure	Radially across floor into elevator shaft	Sorbents, Mech. Room w/curbing (239 gal), Elevator Shaft**
Gentile Hall/ Hydraulic Oil	80	Piping Failure	Radially across floor into elevator shaft	Sorbents, Mech. Room w/curbing (118 gal), Elevator Shaft**
Merriman Hall/ Hydraulic Oil	161	Piping Failure	Radially across floor into elevator shaft	Sorbents, Mech. Room w/curbing (731 gal), Elevator Shaft**
Transformers (Oil-filled Operational Equipment)				
South Hall	150	Oil Tank Leak	Into/onto ground	Alternative Requirements***
Merriman Hall	150	Oil Tank Leak	Into/onto ground	Alternative Requirements***
Support Building	150	Oil Tank Leak	Into/onto ground	Alternative Requirements***
Preble Hall	225	Oil Tank Leak	Into/onto ground	Alternative Requirements***
Weiden Hall	225	Oil Tank Leak	Into/onto ground	Alternative Requirements***
Campus Center	225	Oil Tank Leak	Into/onto ground	Alternative Requirements***
Emerson Hall	225	Oil Tank Leak	Into/onto ground	Alternative Requirements***
Gentile Hall	363	Oil Tank Leak	Into/onto ground	Alternative Requirements***
Wind Turbine	373	Oil Tank Leak	Into/onto ground	Alternative Requirements***
Fuel Deliveries at Oil Tanks (USTs and ASTs)				
Fill/Vent Piping for Heating Oil ASTs/USTs	30 gal @ 60 gpm	Tank Overfill or Hose Rupture	Northeast	Sorbent Materials

[†] Worst case for bulk storage containers (sized containment required) and typical failure mode for all other sources.

* Quantity in gallons and rate of flow are considered equivalent for worst case where sized containment is required.

** Power off to sump pumps in shafts and no means of oil escaping.

*** Alternative requirements to General Secondary Containment in accordance with § 112.7(k), see below.

Discussion of Potential Spills – Prediction & Control. Appropriate structures, equipment and procedures are in place to prevent a harmful discharge of oil to navigable waters or adjoining shorelines. The closest surface water body to the facility is Mantle Brook between Mantle Lake and Presque Isle Stream, located approximately 500 feet northeast of the closest tank at the facility. Surface topography indicates drainage to the northeast, towards Mantle Brook.

ASTs #1 & #2. A release from manifolded ASTs #1 and #2 would mostly be contained in the steel containment basins in which the tanks are placed. A larger release from the tanks or piping would flow radially across the floor of the boiler room but could not escape as all floor drains or any other pathways for oil to escape are plugged. Both of these tanks have eye level gauges and the supply and return piping is sleeved to limit the possibility of corrosion or damage. Additionally, the ASTs are equipped with vent whistles which alert the delivery driver that the tanks are almost full.

AST #3. A release from AST #3 would be contained in the steel containment basin in which the tank is placed. The electric pump and piping associated with this tank only contains fuel when product is being dispensed from the tank, which would be monitored by authorized facility personnel. Any leaks observed from the electric pump or piping would result in the fuel transfer being stopped immediately so that necessary repairs could be made. The electric pump for this tank is located on the top of the tank; the tank and pump are both locked inside of the Storage Garage when they are not being used. Additionally, the breaker that controls the starter controls for the electric pump is also locked inside the Storage Garage and in the “off” position when not being used. This tank is equipped with an eye level gauge and a vent whistle which would alert the delivery driver that the tank is almost full.

AST #4. A release from AST #4 would be contained in the steel containment basin in which the tank is placed. This tank is connected to an emergency generator as a supply tank in the event of a power failure. A release from the piping associated with this tank would flow radially across the concrete floor of the Support Building but could not escape as all floor drains or any other pathways for oil to escape are plugged. This tank is equipped with an eye level gauge and a vent whistle which would alert the delivery driver that the tank is almost full.

AST #5. A release from AST #5 would be contained in the concrete dike in which the tank is placed. This tank is equipped with an electric pump that can only be activated with an electric-eye card (i.e., swipe card) and is normally in the off position. The pump and piping would only contain fuel when product is being dispensed from the tank, which would be monitored by authorized facility personnel. Any leaks observed from the pump or piping would result in the fuel transfer being stopped immediately so that necessary repairs could be made. The fill pipe for this tank is located on the top of the AST and any overfills (which could be avoided by consulting the eye level gauge prior to filling) would be contained within the dike.

AST #6. A release from this 225 gallon cooking oil tank would be contained in the concrete dike in which the tank is placed. The only time that oil is added to this tank is when facility employees at Kelley Commons dump used cooking oil into the tank; there is no associated piping. The liquid level in the tank can visually be observed to prevent a tank overflow from occurring. The cooking oil tank is emptied by Baker Commodities, Inc. approximately three to four times a year. Baker Commodities, Inc. personnel stated that the tank can sometimes be pumped out with a suction truck (if the oil has a low viscosity) in the summer months. However, if the oil is congealed, the tank is picked up by a truck and placed into hot water until the oil’s viscosity becomes low enough so that it can be emptied into a

storage tank on the truck. Baker Commodities, Inc. personnel stated that Speedy Dry is kept on the trucks in order to clean-up any small spills or drips that may occur during tank emptying.

Elevators. All of the elevators at this facility have hydraulic oil reservoir tanks in mechanical rooms, with supply piping from the reservoirs to the pistons in the elevator shafts, and the elevator pistons themselves. All of the mechanical rooms in which the elevator hydraulic oil reservoir tanks are placed are equipped with curbs at the doorways so that the mechanical rooms provide secondary containment. All of the elevator shafts are large enough to contain 100 percent of the reservoir contents should the tanks empty into the shafts via siphon flow due to a piping failure. Power to any sump pumps in the elevator shafts will normally be kept in the “off” position in order to prevent oil from being pumped to the sanitary sewer system in the event of a spill into the shafts. The elevator pistons are also all equipped with tubing that will transfer any oil released by the pistons into 5-gallon buckets in the shafts.

Transformers § 112.7(k). Although the transformers at this facility are owned by UMPI, they are operated and maintained by Maine Public Service Company (MPS). All of the pad mounted transformers are equipped with mineral oil tanks. A release from the tank would most likely flow over the concrete pad, and then soak into the soil under and around the pad, which would absorb some or all of the release, except when the ground is frozen. Under certain conditions (i.e., at night or in the winter), all of the oil could potentially leak from the tank before active secondary containment measures could be deployed. Since these transformers meet the reportable discharge qualification criteria specified under §112.7(k)(1) and since secondary containment is not provided, this facility chooses to implement the alternate requirements described in § 112.7(k)(2). In accordance with § 112.7(k)(2)(i) the pad mounted transformers are inspected monthly for equipment failure and/or a discharge, as recorded on Attachment 2-2. In accordance with § 112.7(k)(2)(ii), MPS has committed resources to UMPI to implement their oil spill contingency plan to clean-up any transformer leak. A letter from MPS to UMPI dated February 23, 2009 documenting this commitment has been included in Attachment 3, with UMPI’s outline for implementing this oil spill contingency plan.

Exemptions. In accordance with § 112.1(d)(4), “any completely buried storage tank, as defined in §112.2, and connected underground piping, underground ancillary equipment, and containment systems, at any facility, that is subject to all of the technical requirements of part 280 of this chapter or a State program approved under part 281 of this chapter” are exempt from the SPCC requirements. The eight (8) underground storage tanks (USTs) at this facility utilized for the storage of #2 fuel oil include:

- One (1) 8,000 gallon UST at Gentile Hall;
- One (1) 6,000 gallon UST at South Hall;
- One (1) 10,000 gallon UST at Kelley Commons;
- One (1) 10,000 gallon UST at Folsom Hall;
- One (1) 15,000 gallon UST at Normal Hall;
- One (1) 8,000 gallon UST at Weiden Hall;
- One (1) 6,000 gallon UST at Merriman Hall; and
- One (1) 10,000 gallon UST at Emerson Hall.

The locations of the USTs are shown on Figure 2 in the Appendix. The USTs are inspected on an annual basis in accordance with DEP Chapter 691, *Rules for Underground Oil Storage Facilities*, a State program approved under part 281. The tanks and piping have secondary containment with continuous electronic monitoring, overfill prevention and spill buckets. All of the USTs received a passing inspection in June 2008.

In accordance with § 112.1(d)(9), “any container(s) for heating oil used solely at a single-family residence” is exempt from the SPCC requirements. There is one (1) AST at this facility containing heating oil used to heat a single-family residence owned by UMPI; this building is identified as the President’s House and is shown on Figure 2 in the Appendix. This AST is a double wall tank equipped with a float alarm that would indicate the presence of fuel in the interstitial space should the primary (i.e., inner) tank fail. Additionally, piping associated with this tank is equipped with an anti-siphon valve at the top of the tank that is only open when the heating system is calling for fuel. The AST also has an eye level gauge that can be used to determine the liquid level in the tank, sleeves on supply and return piping, and a vent whistle to warn the delivery driver when the tank is almost full.

3. Inspections, Tests and Records (§ 112.7(e))

Required inspections of the facility follow written procedures. The procedures and a record of inspections, signed by the appropriate supervisor or inspector, are attached (Attachment 2). The procedures and a record of inspections and tests will be kept with this SPCC Plan and maintained for a minimum period of three (3) years. It should also be noted that facility elevators are inspected by the Otis Elevator Company on an annual basis.

4. Personnel Training and Discharge Prevention Procedures (§ 112.7(f))

Personnel are properly instructed in the following: (1) operation and maintenance of equipment to prevent discharges and (2) applicable pollution control laws, rules, and regulations. Scheduled prevention briefings for all users of this facility are conducted frequently enough to assure an adequate understanding of the SPCC Plan. A briefing will be completed at the time an employee is hired, following any spill event and during scheduled safety meetings, at least annually. The designated person accountable for discharge prevention at this facility is David St. Peter, SPCC Plan Coordinator.

Procedures employed for instruction: Each employee using this facility is instructed in accordance with UMPI training procedures and this SPCC Plan. The entire SPCC Plan will be covered during training, with special emphasis on inspections and other spill prevention procedures, known spill events or failures, malfunctioning components and recently developed precautionary measures.

5. Security (§ 112.7(g))

5.1 Facility Access and Control. This facility is not fenced. All ASTs and elevators are secondarily contained and are located in areas accessible only to authorized personnel. The electric pump associated with AST #3 is located on top of the tank which is locked in the Storage Garage when it is not being used. Additionally, the circuit breaker that controls power to the starter controls for this pump is also locked in the Storage Garage and in the “off” position when it is not being used. The pump associated with AST #5 can only be activated by an electric-eye card (i.e., swipe card) and is normally in the off position. Sufficient lighting is provided to discourage acts of vandalism.

5.2 Valves. There are no valves on any of the oil sources at this facility that permit direct outward flow. All of the elevator reservoirs have ball valves at the tanks that can manually be closed to isolate the tanks from the piping.

5.3 Starter Controls. There are no starter controls accessible to any unauthorized personnel on any of the oil sources at this facility.

5.4 Out-of Service Piping and Pipeline Terminal Connections (§ 112.8(d)(2)). The fill pipes to ASTs #1 - #5 are securely capped when not in use. Piping terminal connections are capped or blank-flanged and marked if the pipeline is not in service for extended periods.

5.5 Lighting. There are yard and street lights throughout the facility that provide illumination for the entire area. These lights provide sufficient illumination for discovery of spills and to discourage acts of vandalism.

6. Facility Tank Truck Loading/Unloading Rack (§ 112.7(h))

There are no “loading/unloading racks” at this facility and therefore the requirements of this section do not apply.

7. Brittle Fracture Evaluation (§ 112.7(i))

There are no field-constructed aboveground tanks located at this facility and therefore the requirements of this section do not apply.

8. Facility Drainage (§ 112.8(b))

8.1 Drainage from Diked Storage Areas (§ 112.8(b)(1),(2) and (c)(3)). There are two diked storage areas subject to precipitation at this facility that require routine drainage: the concrete dike used for secondary containment of AST #5 and the concrete dike used for secondary containment of AST #6. Water may enter some of the elevator shafts; these shafts contain sump pumps that can be used to pump water from the shafts to the sanitary sewer system. The power to these pumps will normally be kept in the off position and will only be turned on by authorized personnel after the water has been inspected for evidence of oil; these drainage events will be recorded on Attachment 2-4.

8.2 Drainage from Undiked Areas (§ 112.8(b)(3),(4),(5) and § 112.8(c)(9)). The “undiked areas with a potential for a discharge” at this facility include the following areas: (1) at the fill and vent pipes for the #2 fuel oil ASTs and USTs, (2) at the facility transformers, and (3) supply piping located outside of secondary containment. (1) The #2 fuel oil product transfer areas would be attended during any foreseeable discharge and spills would be cleaned up by deploying sorbent materials. (2) A discharge from the pad mounted transformers would most likely flow over the concrete pad, then into the ground under and around the pad when the ground is not frozen. Passive secondary containment is not provided for the transformers and active containment measures might not be deployed in time to contain a release. Therefore, in accordance with § 112.7(k)(2), alternative requirements to general secondary containment are in place for the transformers at this facility (see Attachment 3). (3) ASTs #1 - #5 are all equipped with sources of supply piping located outside of secondary containment. The pumps for ASTs #3 and #5 are located directly on top of the tank, within secondary containment walls. The supply piping associated with these tanks only contain product when fuel is being dispensed from the tanks. Fuel transfers from these tanks would be monitored and conducted only by authorized facility personnel. Any leaks associated with the pumps or piping for ASTs #3 and #5 would be recognized immediately and all fuel transfer activities would cease so that the leak could be repaired. Piping associated with ASTs #1 and #2 and AST #4 exits the steel containment basins at a lower level than the tanks, which could result in a discharge outside of the basins via siphon flow due to a piping failure. However, all floor drains or any other pathways for an oil release from the piping to escape the room it is in are normally plugged.

9. Bulk Storage Containers (§ 112.8(c))

9.1 Tank Design and Materials of Construction (§ 112.8(c)(1)). All bulk storage tanks at this facility are compatible to the product stored and the conditions of storage such as pressure and temperature. ASTs #1 - #5 are horizontal steel tanks supported on either steel legs or steel saddles. These tanks are also painted for corrosion protection.

9.2 Secondary Containment Design, Construction Materials, and Volume (§ 112.8(c)(2)).

ASTs #1 & #2 – Support Building. These manifolded, 330 gallon tanks are located inside steel containment basins (i.e., each tank has its own basin). However, the steel containment basins are also manifolded to provide a single containment unit for the tanks. The volume of the containment basins is approximately 615 gallons total, which is not large enough to contain the entire capacity of the manifolded tanks (i.e., 660 gallons). However, all floor drains or other means of oil escaping the boiler room are normally plugged. The steel basins and boiler room floor and walls (with all floor drains plugged) provide adequate secondary containment these tanks. The tanks and containment structures are located inside and precipitation freeboard is not necessary.

AST #3 – Storage Building. This 330 gallon diesel fuel tank is located in the Storage Building. The tank has been placed in a steel containment basin with a volume of 366 gallons, suitable to contain 100 percent of the tank's contents. The tank and containment structure are located inside and precipitation freeboard is not necessary.

AST #4 – Support Building. This 330 gallon diesel fuel tank is located in the Support Building and is connected to an emergency generator. The tank has been placed in a steel containment basin with a volume of 370 gallons, suitable to contain 100 percent of the tank's contents. The tank and containment structure are located inside and precipitation freeboard is not necessary.

AST #5 – Support Building. This 500 gallon unleaded gasoline tank is located outside on the north side of the Support Building. The tank has been placed in a concrete containment structure with a volume of 1,074 gallons, suitable to contain 100 percent of the tank's contents. The tank and containment structure are equipped with a roof which will limit the accumulation of water due to precipitation. However, there are no walls on the structure and should water accumulate in the structure due to heavy rains, melting snow, etc., it will be removed in accordance with Attachment 2-4. The water level in the containment structure must not be allowed to exceed 15 inches in order to maintain sufficient containment capacity.

AST #6 – Kelley Commons. This 225 gallon used cooking oil tank is located outside on the west end of Kelley Commons. The tank has been placed in a concrete containment structure with a volume of approximately 672 gallons, suitable to contain 100 percent of the storage tanks contents while allowing for 4.2 inches of precipitation freeboard (i.e., 25-year storm for Central Aroostook County). The water level in the containment structure must not be allowed to exceed 17 inches in order to maintain sufficient containment capacity.

9.3 Buried, Partially Buried or Bunkered Tanks, Portable Containers and Internal Heating Coils (§ 112.8(c)(4),(5),(7) and (11)). There are no buried, partially buried, or bunkered storage tanks at this facility that are subject to this part and therefore the requirements of these sections

do not apply. There are also no mobile or portable storage containers and there are no internal heating coils at this facility.

9.4 Tank Inspection Methods, Procedures, and Record Keeping (§ 112.8(c)(6) and (10)). The tanks, piping, and containment areas at this facility are visually observed on a regular basis. Facility personnel conduct monthly and annual inspections in accordance with the Steel Tank Institute (STI), Standard for the Inspection of Aboveground Storage Tanks, SP001, July 2006 and facility implemented procedures. These periodic inspections are conducted in accordance with the Monthly and Annual Inspection Checklists included as Attachments 2-2 and 2-3.

In accordance with STI SP001-06, ASTs with spill control (i.e., secondary containment) and a Continuous Release Detection Method (CRDM) (i.e., secondary containment and elevated tank, not in contact with the ground) qualify as Category 1 tanks (i.e., ASTs #1 - #5). Category 1 tanks with a volume of less than 5,001 gallons require periodic inspections only in accordance with Attachments 2-2 and 2-3. It should also be noted that facility elevators are inspected by the Otis Elevator Company on an annual basis.

9.5 Overfill Prevention (§ 112.8(c)(8)). ASTs #1 - #4 are equipped with vent whistles to warn the delivery driver during tank filling that the tanks are almost full. The delivery driver and/or a facility employee are present during all deliveries of fuel to monitor the delivery. All of the ASTs (including AST #5) are also equipped with eye level gauges that can be used to determine the liquid level in each tank. The fill pipe for AST #5 is also located inside the containment walls and any overfill (which could be prevented by consulting the eye level gauge prior to filling) would be contained inside the concrete dike. The liquid level in AST #6 outside Kelley Commons can be visually observed prior to adding used oil to the tank.

10. Facility Transfer Operations, Pumping, and Facility Process (§ 112.8(d))

10.1 Buried Pipelines (§ 112.8(d)(1)). The only buried pipelines at this facility are associated with the USTs subject to the Maine rules and are therefore not subject to the requirements of this part.

10.2 Pipe Supports (§ 112.8(d)(3)). All pipe supports are designed to minimize abrasion and corrosion and allow for expansion and contraction (see 10.3 below for pipeline inspections).

10.3 Valve and Pipeline Inspections (§ 112.8(d)(4)). Valves and pipelines are inspected and the inspections recorded on the Monthly and Annual Inspection Checklists included as Attachments 2-2 and 2-3; completed inspections will be kept with this SPCC Plan for at least 3 years.

10.4 Vehicle Traffic Warning (§ 112.8(d)(5)). The only oil sources at this facility subject to vehicular traffic are the pad mounted transformers and AST #5. The transformers are protected by bollards where necessary and AST #5 is located inside a concrete containment structure that would limit damage due to a vehicular impact. Strict speed limits are also posted on the UMPI campus in order to provide a safe environment for pedestrians.

Appendix

Figure 1 Location Map

Figure 2 Site Diagram

Attachment 1

1-1 Spill Log

1-2 Spill Information Report Form

1-3 Hazardous Materials Incident Initial Notification Form

1-4 Information Report to Regional Administrator for Qualified Discharge(s)

Attachment 2

2-1 Inspection Procedures and Records

2-2 Monthly Inspection Checklist

2-3 Annual Inspection Checklist

2-4 Drainage of Water from Secondary Containment

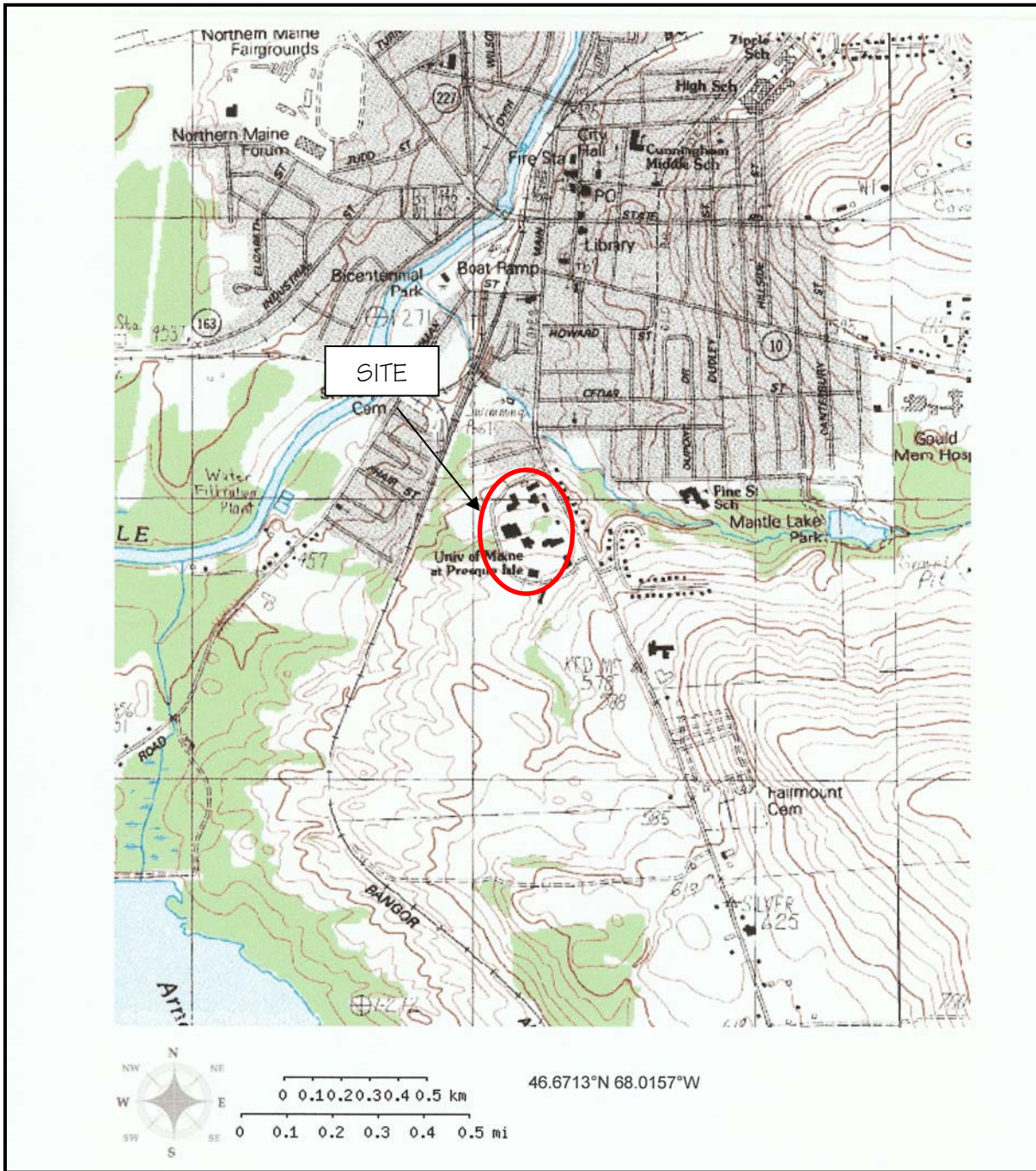
2-4 SPCC Plan Personnel Training Log

Figures

Figure 1 Location Map

Figure 2 Site Diagram

Spill Prevention Control & Countermeasure (SPCC) Plan
 University of Maine at Presque Isle, 181 Main Street, Presque Isle, Maine



COUNTY ENVIRONMENTAL ENGINEERING, INC.	
FIGURE 1	SPILL PREVENTION CONTROL & COUNTERMESAURE (SPCC) PLAN
SCALE: AS SHOWN	UNIVERSITY OF MAINE AT PRESQUE ISLE 181 MAIN STREET, PRESQUE ISLE, MAINE
LOCATION MAP	

Attachment 1

Spill Log

1-1

Spill Information Report Form

1-2

Hazardous Materials Incident Initial Notification Form

1-3

Information Report to Regional Administrator for Qualified Discharge(s)

1-4

ATTACHMENT 1-1

SPILL LOG

Date: _____ **Volume:** _____

Cause: _____

Corrective action taken: _____

Plans for preventing recurrence: _____

ATTACHMENT 1-2
Spill Information Report Form
(§112.7(a)(4))

Please fill in as much of the following as possible.

Date of Report _____ and Time ____:____ AM ____ PM ____

Date of Spill _____ and Time ____:____ AM ____ PM ____

Name of caller _____ **Tel # of caller** (_____) _____

Company Name (if applicable) _____

Address _____

Town _____ State _____ Zip Code _____

Name(s) of other informed party(s) _____ Phone #(s) _____

Type of product spilled _____ **Estimated amount of spill** _____

Estimated amount NOT CONTAINED _____ **Evacuation needed?** _____ (Yes or No)

Is more spillage possible? _____ (Yes or No) Amount? _____

Is the situation **URGENT**? _____ (Yes or No) Is **HELP** needed? _____ (Yes or No)

Source and cause of spill: _____

Actions taken so far: _____

What resources are at risk? (check all that apply)

_____	Public Safety	_____	Surface Drainage
_____	Public Water or Well	_____	Storm Sewer
_____	Private Water or Well	_____	Sanitary Sewer
_____	Atmosphere	_____	Vapors in Building
_____	Land or Ground	_____	None (complaint only)
_____	Open Water	_____	Other (please describe) _____

Any Damages or Injuries? _____ (Yes or No) If yes, please describe _____

Location of spill (exact address) _____

Tel. # at spill location _____ **Specific directions to site** _____

Maine Department of Environmental Protection (DEP) Regional Office Numbers:

State-Wide Spill Report Phone # : **1 (800) 482-0777**

Bangor 941-4570 **Presque Isle 764-0477** Augusta 287-7800 Portland 822-6300

ATTACHMENT 1-3

Complete this form only for a spill over 10,000 pounds (~1,500 gals) that goes beyond the facility boundary.

**HAZARDOUS MATERIALS INCIDENT
 INITIAL NOTIFICATION**

1	Date of Incident:	Time of Incident:	<input type="checkbox"/> AM <input type="checkbox"/> PM
2	Company Name:		
3	Location (street, route, town, county):		
4	Person Reporting:	Number Calling From:	
5	Call Back Name:	Call Back Number:	
6	Type of Incident: <input type="checkbox"/> Fixed <input type="checkbox"/> Transportation	Truck/Rail Car #	
7	Substance: <input type="checkbox"/> EHS	Trade Name:	
	Dot ID: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Hazard Class: <input type="checkbox"/>	CAS Number: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
8	Physical State Stored: <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas	State Released: <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas	
	Qty Released: <input type="checkbox"/> Lbs <input type="checkbox"/> Gal <input type="checkbox"/> CuFt	Reportable Quantity: Lbs	
9	Container (check all that apply):	Capacity: <input type="checkbox"/> Lbs <input type="checkbox"/> Gal <input type="checkbox"/> CuFt	
	<input type="checkbox"/> Fixed <input type="checkbox"/> Mobile <input type="checkbox"/> Portable <input type="checkbox"/> Insulated <input type="checkbox"/> Pressurized <input type="checkbox"/> Armorized <input type="checkbox"/> Steel <input type="checkbox"/> Glass <input type="checkbox"/> Plastic <input type="checkbox"/> Tank <input type="checkbox"/> Box <input type="checkbox"/> Barrel <input type="checkbox"/> Other		
10	Release: <input type="checkbox"/> Completed <input type="checkbox"/> Ongoing <input type="checkbox"/> Confined	Duration:	Rate:
11	Released to: <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Ocean <input type="checkbox"/> Air <input type="checkbox"/> Well <input type="checkbox"/> Sewer <input type="checkbox"/> Containment <input type="checkbox"/> Other:		
12	Wind Direction:	MPH:	Weather Conditions: Temp:
13	Assistance Needed: <input type="checkbox"/> Police <input type="checkbox"/> Fire <input type="checkbox"/> Ambulance <input type="checkbox"/> HazMat Team <input type="checkbox"/> Other:		
14	Health Effects/Emergency Care Instructions (if known)		<input type="checkbox"/> Injuries <input type="checkbox"/> Fatalities
(for complete health effects and care information, see reference material available at County EOC)			
15	Description of Incident:		
16	THE FACILITY MUST CALL THESE FOUR NUMBERS IMMEDIATELY: <input type="checkbox"/> CLOSEST LOCAL FIRE DEPARTMENT <input type="checkbox"/> MAINE STATE POLICE 1-800-452-4665 for SERC and DEP Notification <input type="checkbox"/> COUNTY SHERIFF'S OFFICE <input type="checkbox"/> NATIONAL RESPONSE CENTER 1-800-424-8802		
17	Notification: Date: Time:	Received by:	

ATTACHMENT 1-3 (continued)
GENERAL INFORMATION

This reports is required for any release that goes beyond the facility boundary and is a release of a reportable quantity of a CERCLA Hazardous or Extremely Hazardous substance. All chemical spills must be reported to the Maine DEP.

A follow-up report is required within 14 days regarding actions taken to respond to and control the release; the cause and events leading to the release; known or anticipated health risks, and medical attention needs of exposed persons' and measures taken

REFERENCE EMERGENCY TELEPHONE NUMBERS	
ORGANIZATION	TELEPHONE
MAINE STATE POLICE (will call DEP and SERC)	1-800-452-4664
STATE EMERGENCY RESPONSE COMMISSION	1-800-452-8735
NATIONAL RESPONSE CENTER	1-800-424-8802
CHEMTREC (for information)	1-800-424-9300
LOCAL EMERGENCY COORDINATOR CONTACTS	
Androscoggin County	784-3622
Aroostook County	1-800-432-7842
Cumberland County	774-1444
Hancock County	667-7575
Franklin County	778-2680
Kennebec County	623-3591
Knox County	594-5656
Lincoln County	882-7332
Oxford County	1-800-482-7433
Penobscot County	942-7911
Piscataquis County	1-800-432-7372
Sagadahoc County	443-9711
Somerset County	1-800-452-1933
Waldo County	1-800-661-3398
Washington County	1-800-432-7303
York County	324-1111

ATTACHMENT 1-4
Information Report to Regional Administrator for Qualified Discharge(s) (§112.4(a))

If the Facility has had a discharge or discharges which meet one of the following two criteria, then this report must be submitted to the Regional Administrator* within 60 days. (Check as appropriate)

- This Facility has experienced a reportable spill as referenced in 40 CFR Part 112.1(b) of 1,000 gallons or more.
- This Facility has experienced two (2) reportable spills (as referenced in 40 CFR Part 112.1(b) of greater than 42 gallons each within a 12-month period.

(1) Facility Name _____

(2) Name of Person Submitting Report _____

(3) Facility Location (Address) _____

Town _____ State _____ Zip Code _____

(4) Facility maximum storage or handling capacity: _____

Facility normal daily throughput: _____

(5) Corrective action and countermeasures taken (include description of equipment repairs and replacements): _____

(6) Describe the Facility (include maps, flow diagrams and topographical maps attached as necessary):

(7) Describe the cause of discharge (as referenced in 40 CFR Part 112.1(b)) including failure analysis of the system: _____

(8) Describe the additional preventative measures taken or contemplated to be taken to minimize the possibility of recurrence: _____

(9) Other pertinent information: _____

* SPCC/FRP Coordinator, U.S. EPA Region I (HBR), One Congress Street, Suite 1100, Boston, MA 02114-2023
Tel: (617) 918-1265

** A copy of this report must also be sent to the Maine DEP, 1235 Central Drive, Presque Isle, Maine 04769. Tel (207) 764-0477 or State House Station 17, Augusta, Maine 04333-0017. Tel (207) 287-2651.

Attachment 2

Inspection Procedures and Records

2-1

Monthly Inspection Checklist

2-2

Annual Inspection Checklist

2-3

Drainage of Water from Secondary Containment

2-4

SPCC Plan Personnel Training Log

2-5

ATTACHMENT 2-1 INSPECTION PROCEDURES AND RECORDS

1. Inspection of facility (Attachments 2-2 and 2-3)

The facility is inspected each day that there is activity at the facility; monthly and annual inspections are recorded on Attachments 2-2 and 2-3. If any leaks are found, the cause will be immediately repaired if possible and if oil is spilled or observed it will be cleaned up using the spill response materials* kept on site and the spill is recorded on the appropriate form. All oil spills will be reported by the Designated Person(s) Responsible for Spill Prevention to the Maine Department of Environmental Protection (DEP) within 2 hours (see attached DEP Initial Information Spill Report Form). If the Designated Person(s) cannot be reached within 2 hours, then the person who discovered the spill is responsible to report it to DEP at **764-0477 or 1-800-482-0777**.

Sorbent pads will be used to remove any accumulated oil around any leaking fittings; the sorbents will then be placed in a trash bag for proper disposal.

2. Records

All inspections and drainage events and the signature of the inspector or supervisor are recorded on the appropriate form and retained for at least 3 years as part of this SPCC Plan.

Facility spill response materials at each source location (except transformers): Absorbent pads (1 box of 17" x 19" pads, 50 minimum), absorbent booms (one 3" x 4' boom), contractor bags, 1 bag Speedy Dry, hand tools (e.g., shovels), and a broom.

**ATTACHMENT 2-2
 MONTHLY INSPECTION CHECKLIST**

INSPECTOR'S NAME: _____						
<u>Report any unsatisfactory item to the SPCC Plan Coordinator!</u> <u>Describe all unsatisfactory items under comments below and address immediately!</u>						
		Date:	Date:	Date:	Date:	Date:
	[S] for <u>satisfactory</u> or [U] for <u>unsatisfactory</u> Explain all unsatisfactory items below.	_____	_____	_____	_____	_____
TANK CONTAINMENT						
1.	Is there water or oil in secondary containment? (if present and removed, complete Attachment 2-4)					
2.	Debris or fire hazard in containment?					
3.	Containment drain valves operable and in a closed position?					
4.	Containment egress pathways clear?					
5.	Are floor drains plugged for tanks inside buildings?					
LEAK DETECTION						
1.	Visible signs of leakage around the tanks, piping, operational equipment, containment, or on the ground?					
TANK ATTACHMENTS AND APPURTENANCES						
1.	Are tank liquid level gauges readable and in good condition?					
2.	Are all tank openings properly sealed?					
ELEVATOR MECHANICAL ROOMS AND SHAFTS						
1.	No evidence of equipment failure and/or discharge?					
2.	No water or oil in shaft? (if present and removed, complete Attachment 2-4)					
3.	Sump pumps off in elevator shafts?					
TRANSFORMERS						
1.	No evidence of equipment failure and/or discharge?					
AST #6 (Kelley Commons Cooking Oil Tank)						
1.	Tank secure and liquid level acceptable?					
OTHER CONDITIONS						
1.	Are there other conditions that should be addressed for continued safe operation or that may cause a spill?					
Comments:						

**ATTACHMENT 2-3
 ANNUAL INSPECTION CHECKLIST**

INSPECTOR'S NAME: _____						
<u>Report any unsatisfactory item to the SPCC Plan Coordinator!</u> <u>Describe all unsatisfactory items under comments below and address immediately!</u>						
		Date:	Date:	Date:	Date:	Date:
	[S] for satisfactory or [U] for unsatisfactory Explain all unsatisfactory items below.	_____	_____	_____	_____	_____
TANK CONTAINMENT						
1.	Containment structure in satisfactory condition?					
2.	Drainage pipes/valves fit for continued service?					
3.	Containment drain valves operable and in a closed position?					
4.	Containment egress pathways clear?					
5.	Are floor drains plugged for tanks inside buildings?					
TANK FOUNDATION AND SUPPORTS						
1.	Tank supports in satisfactory condition?					
TANK EXTERNAL COATING						
1.	Evidence of paint failure or tank corrosion?					
VENTING						
1.	Vents free of obstruction?					
LEVEL AND OVERFILL PREVENTION EQUIPMENT						
1.	Liquid level sensing device tested and operating properly?					
2.	Are overfill prevention devices in proper working order?					
ELECTRICAL EQUIPMENT						
1.	Is electrical wiring for control boxes, lights and/or pumps in good condition and are pump starter controls in proper working order?					
Comments:						

Attachment 3

Transformer Oil Spill Contingency Plan (§ 112.7(k)(2)(ii)(A))

**February 23, 2009 Letter from Maine Public Service to UMPI
(§ 112.7(k)(2)(ii)(B))**

**Transformer Oil Spill Contingency Plan (§ 112.7(k)(ii)(A))
(Following the provisions of 40 CFR Part 109)**

§ 109.5(a) Authorities, Responsibilities and Duties

The UMPI personnel listed in order in the table below have the authority, responsibility and duty to respond to a release from a transformer at UMPI. This responsibility involves contacting Maine Public Service Company (MPS) as described in the attached commitment letter and contacting the Maine Department of Environmental Protection (DEP) as described below.

1. David St. Peter, SPCC Plan Coordinator	Work:	207-768-9577
	Home:	207-896-3447
	Cell:	207-551-2211
2. Richard Kidney, Mechanic and Trades Worker	Work:	207-768-8576
	Home:	207-764-6321
3. Charles Bonin, Vice-President of Administration	Work:	207-768-9550
	Home:	207-764-5544
	Cell:	207-551-6828

§ 109.5(b) Notification Procedures

The UMPI personnel listed in order in the table above will notify MPS and DEP by phone of a release from a transformer at UMPI.

§ 109.5(b)(1) Critical Water Use Areas. The closest critical water use to the facility is Mantle Brook between Mantle Lake and Presque Isle Stream, located approximately 500 feet northeast of the closest tank at the facility. Surface topography indicates drainage to the northeast, towards Mantle Brook. Mantle Brook discharges to the Presque Isle Stream and the Presque Isle Stream discharges to the Aroostook River.

§ 109.5(b)(2) List of Names and Telephone Numbers to Receive Notification of a Transformer Discharge

Facility personnel shall report all spills to:

1. Maine Department of Environmental Protection (Presque Isle): **764-0477**
(within 2 hours of spill) via Maine State Police: **1-800-482-0777**
* See attached **Spill Information Report Form** (Attachment 1-2)
2. U.S. Environmental Protection Agency National Response Center 1-800-424-8802
* See attached Hazardous Materials Incident Initial Notification Form or 1-202-267-2675
(if over reportable quantity, off site, or into water)

Other emergency phone numbers to contact as needed:

- Fire, Ambulance, Police: 911
Maine State Police (Houlton): 1-800-924-2261
Aroostook County Sheriff Department: 1-800-432-7842

Cleanup Contractor(s):

Maine Public Service (MPS), for transformer release	1-800-28power
Soderberg Company, 460 York Street, Caribou, Maine	Office: 498-6300
	Fax: 498-6535
	Home: 493-7868
John T. Noble, 317 Washburn Road, Caribou, Maine	Office: 492-9641
	Fax: 492-1650
	Home: 498-2287
Clean Harbors	7-day, 24-hour number: 1-800-645-8265 (1-800-OIL-TANK)

§ 109.5(b)(3) Reliable Communications System for Timely Notification. Landline, mobile telephones or portable radios will be used for timely notification of an oil discharge. This communications system is capable of interconnection with the communications systems established under related oil removal contingency plans, particularly State and National plans.

§ 109.5(b)(4) Established Prearranged Procedure for Requesting Assistance. UMPI has an established agreement with MPS to respond in the event of a transformer release.

§ 109.5(c) Full Resource Capability

§ 109.5(c)(1) Identification and Inventory of Applicable Equipment, Materials and Supplies. MPS keeps an inventory of applicable equipment, materials and supplies to respond to transformer spills, since they own and operate transformers throughout Aroostook County.

§ 109.5(c)(2) Estimate to Remove the Maximum Oil Discharge Anticipated. The largest transformer at UMPI contains 373 gallons, which could be contained with 533 sorbent pads (at 0.7 gallons/pad) or with eight 8" diameter by 20' sorbent booms (at 48 gallons/boom). However, unless the ground is frozen, a release would most likely soak into the ground under and around the transformer, which would require earthwork equipment to remove the oil-contaminated soil. Several earthwork contractors are listed above that have the equipment, materials and manpower to excavate soil contaminated with up to 373 gallons of oil.

§ 109.5(c)(3) Agreements. UMPI has an agreement with MPS to respond to a transformer release. In coordination with DEP, UMPI and MPS would select a response contractor, if the release could not be contained and cleaned up by MPS personnel alone.

§ 109.5(d) Specific Actions

§ 109.5(d)(1) Oil Discharge Response Operating Team. UMPI does not have an oil discharge response operating team, but will rely on MPS's trained, prepared and available operating personnel.

§ 109.5(d)(2) Oil Discharge Response Coordinator. UMPI's designated Oil Discharge Response Coordinator is David St. Peter, SPCC Plan Coordinator.

§ 109.5(d)(3) Preplanned Location for Oil Discharge Response Operations Center. UMPI's oil discharge response operations center will be at the Support Building (refer to Figure 2).

§ 109.5(d)(4) Provisions for Varying Degrees of Response Effort. Regardless of the severity of the oil discharge, UMPI will always notify MPS and DEP, who will jointly determine the response effort based on the severity of the discharge.

§ 109.5(d)(5) Order of Priority for Water Uses. In the event that a discharge travels over the ground surface (e.g., when the ground is frozen), any catch basins near the transformer will be the first priority to be protected. However, a discharge will most likely soak into the soil under and around the transformer pad if the ground is not frozen; in that case, ground water will be the first priority to be protected.

§ 109.5(e) Recovery of Damages and Enforcement Measures

Maine law per 38 MRSA Section 1317 et seq. requires the immediate reporting of discharges of hazardous matter to the DEP, unless the discharge is covered by an approved written spill prevention control and clean-up plan and does not extend beyond the area covered by the plan. Per 38 MRSA Section 550, prohibited oil discharges in violation of Section 543 must be reported within two hours and promptly removed according to DEP requirements. These statutes and DEP rules regarding oil discharges provide specific and well defined procedures to facilitate recovery of damages and enforcement measures.

