

ATTACHMENT 3: CONTINGENCY PLAN

1.0 APPLICABILITY, PURPOSE AND IMPLEMENTATION

1.1 Applicability (R315-8-4.1)

This Contingency Plan applies to the closed hazardous waste impoundments (Waste Disposal Cell or WDC) at the Former Pennzoil Refinery, Roosevelt, Utah.

1.2 Purpose (R315-8-4.2(a))

The purpose of this Contingency Plan is to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden discharge of hazardous waste or hazardous waste constituents to air, soil, groundwater, or surface water.

1.3 Implementation (R315-8-4.2(b))

The provisions of this plan shall be carried out immediately whenever there is a fire, explosion, or any unplanned sudden or non-sudden discharge of hazardous waste or hazardous waste constituents which could threaten the environment or human health.

2.0 CONTINGENCY PLAN (R315-8-4.3)

2.1 Emergency Procedures (R315-8-4.7)

The following procedures will be followed whenever there is an imminent or actual emergency situation from discharge, fire, or explosion.

2.1.1 Communications (R315-8-4.7(a))

The Emergency Coordinator will activate communication systems to notify facility personnel (contractors, owner, and tenants) and appropriate State and local agencies with designated response roles whenever their assistance is needed. Communication will be provided via telephone according to the call list, included in Appendix 3-A.

2.1.2 Incident Assessment (R315-8-4.7(b))

The Emergency Coordinator will identify the character, exact source, amount, and areal extent of any discharged materials. This will be done by observation or review of facility records, and, if necessary, by chemical analysis.

2.1.3 Hazard Assessment (R315-8-4.7(c))

The Emergency Coordinator will assess possible hazards to human health or the environment that may result from discharge, fire, or explosion. This assessment will include both direct and indirect effects of the discharge, fire, or explosion, e.g., the effects of any toxic, irritating, or asphyxiating gases that are generated, or the effects of any hazardous surface water run-off or hazardous groundwater infiltration from water or chemical agents used to control fire and heat-induced explosions.

2.1.4 Assessment Report (R315-8-4.7(d))

The Emergency Coordinator will report his assessment that the Waste Disposal Cell has had a discharge, fire, or explosion which could threaten human health, or the environment, outside the facility, as follows:

- If the assessment indicates that evacuation of local areas may be advisable, he will notify appropriate local authorities according to the call list in Appendix 3-A. He will be available to assist appropriate officials in making the decision whether local areas should be evacuated; and
- He will immediately notify both the Utah Department of Environmental Quality and the government official designated in the regional contingency plan as the on-scene coordinator for the geographical area of the Waste Disposal Cell, or the National Response Center at 800-424-8802 (also see call list in Appendix 3-A).

The report will include the following items:

- Name and telephone number of reporting individual;
- Name and address of the facility;
- Time and type of incident, e.g., discharge, fire, explosion;
- Name and quantity of material(s) involved (to the extent available);
- The extent of injuries, if any; and
- The possible hazards to human health or the environment, outside the facility.

2.1.5 Emergency Measures (R315-8-4.7(e))

During an emergency, the Emergency Coordinator will take all reasonable measures necessary to ensure that fires, explosions, and discharges do not occur, recur, or spread to other hazardous waste at the facility. These measures will include, where applicable, stopping processes and operations, collecting and containing discharged waste, and removing or isolating containers.

2.1.6 Monitoring (R315-8-4.7(f))

If the facility stops operations in response to a discharge, fire, or explosion, the Emergency Coordinator will monitor for leaks, pressure buildup, gas generation, or ruptures in valves, pipes, or other equipment, wherever this is appropriate.

2.1.7 Recovered Material (R315-8-4.7(g))

Immediately after an emergency, the Emergency Coordinator will provide for treating, storing, or disposing of recovered waste, contaminated soil or surface water, or any material that results from a discharge, fire, or explosion at the facility. All recovered material will be handled and managed as a hazardous waste unless it is analyzed and determined not to be.

2.1.8 Cleanup Procedures (R315-8-4.7(h))

The Emergency Coordinator will ensure that:

- No waste that may be incompatible with the released material is treated, stored, or disposed of until cleanup procedures are completed; and
- All emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use before operations are resumed.

2.1.9 Compliance Notification (R315-8-4.7(i))

The facility owner or operator will notify the Executive Secretary and other appropriate State and local authorities, that the facility is in compliance with R315-8-4.7(h) before operations are resumed.

2.1.10 Final Incident Report (R315-8-4.7(j))

Within 15 days after the incident, Pennzoil-Quaker State Company d.b.a. SOPUS Products will record in the operating record, and include in a final written report to Executive Secretary of the Utah Solid and Hazardous Waste Control Board, the following information:

- Name, address, and telephone number of Pennzoil-Quaker State Company d.b.a. SOPUS Products;
- Name, address, and telephone number of the facility;
- Date, time, and type of incident, e.g., discharge, fire, explosion;
- Name and quantity of material(s) involved;
- The extent of injuries, if any;
- An assessment of actual or potential hazards to the environment or human health, where this is applicable; and
- The estimated quantity and disposition of recovered material that resulted from the incident.

2.2 Arrangements With Local Authorities (R315-8-3.7)

Pennzoil-Quaker State Company previously made arrangements with local authorities, as appropriate for the type of waste handled at the facility and the potential need for the services of these organizations:

- Arrangements to familiarize law enforcement agencies, fire departments, and emergency response teams with the layout of the facility, properties of hazardous waste handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to and roads inside the facility, and possible evacuation routes;
- Where more than one law enforcement agency and fire department might respond to an emergency, agreements designating primary emergency authority to a specific law enforcement agency and a specific fire department, and agreements with any others to provide support to the primary emergency authority;
- Agreements with State emergency response teams, emergency response contractors, and equipment suppliers; and
- Arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and the types of injuries or illnesses which could result from fires, explosions, or releases at the facility.

Arrangements with local authorities will be formalized with a letter and a copy of the approved Contingency Plan. Where State or local authorities decline to enter into these arrangements, Pennzoil-Quaker State Company d.b.a. SOPUS Products shall document the refusal in the operating record.

2.3 Emergency Coordinator (R315-8-4.6)

The primary Emergency Coordinator is:

Mr. Dan Kirk (Principal Program Manager)
Shell Oil Products US (SOPUS)
Soil and Groundwater Focus Delivery Group, Major Projects TSP 2155 B
777 Walker Street
Houston, TX 77002
Telephone: (713) 241-7140
Cell: (281)217-9492

The secondary Emergency Coordinator is:

Pennzoil – Quaker State Company d.b.a. SOPUS Products
HSSE Crisis Incident Hotline
800-848-7525

2.4 Emergency Equipment (R315-8-3.3)

The Former Pennzoil Roosevelt Refinery is inactive and no longer in operation. This document applies only to the Waste Disposal Cell, which is a closed hazardous waste impoundment. Pennzoil-Quaker State Company d.b.a. SOPUS Products maintains no emergency equipment on site and will rely upon local response agencies and contractors to provide emergency equipment.

2.4.1 Internal Communications (R315-8-3.3(a))

Internal communications between contractor personnel will be by cellular telephone, two-way radio, or other audio or visual means.

2.4.2 External Communications (R315-8-3.3(b))

Contractors working at the site will have access to external emergency services including local law enforcement agencies, fire departments, or State or local emergency response teams via cellular telephone.

2.4.3 Equipment (R315-8-3.3(c))

Contractors working at the site will supply and have immediate access to the following minimum equipment:

- 2 – 20lb portable dry chemical fire extinguishers;
- 1 – portable eyewash;
- 1 – first aid kit;
- 1 – shovel; and
- 1 – decontamination unit (means to thoroughly decontaminate personnel and equipment).

2.4.4 Water (R315-8-3.3(d))

Water is available at the former Maintenance Building. Water necessary to control a fire will be supplied by the local fire department.

2.5 Evacuation Plan (R315-8-4.3(e))

Pennzoil-Quaker State Company has no personnel working at this facility. Contracted personnel perform the required semi-annual inspections and annual groundwater monitoring at the site. Evacuation from the vicinity of the Waste Disposal Cell will be via the facility road to the east and south, exiting the former refinery area through the main gate (Figure 3-1).

3.0 COPIES OF CONTINGENCY PLAN (R315-8-4.4)

Copies of the Contingency Plan and any revisions will be:

- Maintained at the facility;
- Made available upon request;
- Submitted as part of the post-closure permit; and
- Submitted to all local law enforcement agencies, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services (see list in Appendix 3-A).

4.0 AMENDMENT OF CONTINGENCY PLAN (R315-8-4.5)

The Contingency Plan shall be reviewed, and immediately amended, if necessary, under any of the following circumstances:

- Revisions to the facility permit;
- Failure of the plan in an emergency;
- Changes in the facility design, construction, operation, maintenance, or other circumstances that materially increase the potential for fires, explosions, or discharges of hazardous waste or hazardous waste constituents, or changes the response necessary in an emergency;
- Changes in the list of emergency coordinators; or
- Changes in the list of emergency equipment.

APPENDIX 3-A

CALL LIST

EMERGENCY CALL LIST
 Waste Disposal Cell
 Former Pennzoil Refinery
 Roosevelt, Utah

NAME/ADDRESS	RESPONSIBILITY	TELEPHONE
<i>Emergency Coordinators</i>		
Dan Kirk Shell Oil Products US (SOPUS) Soil and Groundwater Focus Delivery Group, Major Projects TSP 2155 B 777 Walker Street Houston, TX 77002 Telephone: (713) 241-7140	Emergency Coordinator	Office: (713) 241-7140 Cell: (281)217-9492
Pennzoil-Quaker State Company HSSE Crisis Incident Hotline	Emergency Coordinator	(800) 848-7525
<i>Local Emergency Responders</i>		
Ambulance	Emergency Medical Response	911 – Emergency
Uintah Basin Medical Center 250 W. 300 North Roosevelt, Utah 84066	Injury/Illness Treatment	911 – Emergency (435) 722-4691 – General
Roosevelt Fire Department 255 South State Street Roosevelt, UT 84066	Fire Response	911 – Emergency (435) 722-4893 – Office
Roosevelt City Police 255 South State Street Roosevelt, UT 84066	Law Enforcement	911 – Emergency (435) 722-2330 – Office (435) 722-4558 – Dispatch
Duchesne County Sheriff 1664 S. 2000 West Duchesne, UT 84021	Law Enforcement	911 – Emergency (435) 738-0196 or (435) 722-4444
Utah Highway Patrol 255 South State Street Roosevelt, UT 84066	Law Enforcement	911 – Emergency (435) 722-0259 – Office
<i>State Regulatory Oversight/Response</i>		
Brad Maulding UDEQ/DSHW 195 North 1950 West PO Box 144880 Salt Lake City, UT 84114-4880	Oversight during Post-Closure	(801) 536-0200 – General (801) 536-0205 – Direct

Emergency Call List (Continued)

<i>Regional, State, and Federal Response</i>		
Mike Lefler - Director Duchesne County Emergency Management P.O. Box 228 Duchesne, UT 84021	Tri-County Local Emergency Planning Committee	(435) 738-1181 – Office
UDEQ/DSHW	Regulatory Oversight	(801) 536-0200 (801) 536-4123 – After Hours
National Response Center	National Response Coordination	800-424-8802
<i>Property Owner</i>		
John H. Wells Manager Roosevelt Land Investment, LLC 465 South 200 West Bountiful, UT 84010	Owner Representative	(801) 292-3800
<i>Tenant</i>		
Tracy Williams Foreland Transportation West Hwy 40 Roosevelt, UT 84606	Tenant Representative	(435) 725-5128
<i>Response Contractors</i>		
ARCADIS U.S., Inc. 410 North 44th Street, Suite 1000 Phoenix, AZ 85008	Environmental Consultant	(602) 438-0883
PSC 2525 South 1100 West Woods Cross, UT 84087	Hazardous & Solid Waste Transportation and Disposal	(801) 294-9882 (801) 294-9880
<i>Utilities</i>		
Moon Lake Electrical Assoc. 188 W. 200 North Roosevelt, UT 84066	Electrical Power	(435) 722-5400
Roosevelt City 255 South State Street Roosevelt, UT 84066	Water, Sewer, Garbage	(435) 722-5001
Questar Gas 115 E. 100 South Roosevelt, UT 84066	Natural Gas	(435) 722-2521