

DEPARTMENT OF ENVIRONMENTAL QUALITY HAZARDOUS AND RADIOLOGICAL MATERIALS

HAZARDOUS MATERIALS/WMD INCIDENT SUPPORT PLAN

Authorities

Authorities of the Idaho Department of Environmental Quality (DEQ), Hazardous Waste and Remediation Division are derived from the Environmental Protection and Health Act, Idaho Code 39-100 and the Hazardous Waste Management Act, Idaho Code 39-4400. Authorities for radioactive materials are derived from the Radiation and Nuclear Material Act, Idaho Code 39-3005.

This section of Tab 2 is established as the DEQ emergency response plan for Hazardous Materials, Radiological Materials and WMD.

Hazardous Materials

I. Hazardous Materials Functions

- A. Provide DEQ Environmental personnel in support of the Incident Commander.
- B. Assess and evaluate human health and environmental risks in response to hazardous materials.
- C. Coordinate environmental investigations and environmental characterization.
- D. Oversee cleanup and disposal of hazardous wastes, substances and materials, and deleterious materials.
- E. Develop and update the Tab 2, Section A of the Idaho Hazardous Materials/WMD Incident Command and Response Support Plan.
- F. Develop and maintain an internal statewide comprehensive emergency response roster, and a 24-hour DEQ response capability for hazardous materials incidents.
- G. Maintain a record of all environmental emergency response incidents involving DEQ.

II. Incident Response

A. Assessment

- 1. The DEQ will review the health and safety information concerning the hazardous waste/materials and/or deleterious materials involved in the incident.
- 2. If requested by the Incident Commander, DEQ Environmental personnel will provide an on-site response.
- 3. The DEQ Environmental personnel may request U.S. EPA assistance and may ask the U.S.EPA to assume the role of Environmental Coordinator.

B. On-Scene Control

1. The on-scene DEQ Environmental personnel will provide technical guidance and support to the Incident Commander.
2. The lead on-scene DEQ Environmental person is responsible for coordinating the actions of additional DEQ Environmental Support personnel, and for providing technical advice in support of the Incident Commander, with appropriate actions for mixed radiological/hazardous materials incidents. The lead on-scene DEQ Environmental person will assist in keeping State Comm informed of actions. The DEQ Environmental Support personnel should have hazardous materials incident response knowledge, training, and experience as required by EPA/OSHA
3. DEQ personnel shall not enter any area where a potential risk to human health exists or where the risk is unknown unless they have received special training in the particular task, are qualified, have the Incident Commander's approval to perform the task, and are properly equipped with the required personal protective clothing and sample/monitoring equipment.

C. Environmental Monitoring

The DEQ Environmental Liaison or other qualified DEQ representative will evaluate and provide technical guidance for the needs of environmental monitoring. The DEQ Environmental Liaison may request environmental support personnel who are using proper protective clothing, equipment, and techniques to provide environmental monitoring and/or sampling as necessary.

IV. Continuing Response

A. Re-assessment DEQ will continue to assess the situation to ensure protection to human health/safety and the environment, and also advise the Incident Commander and/or Responsible Party of needed actions in a timely manner.

B. Remediation /Regulation/Enforcement

1. DEQ will ensure that the removal and disposal of any regulated hazardous waste/materials and/or deleterious materials are conducted in accordance with all applicable statutes and regulations.
2. When necessary, the DEQ Environmental Liaison will ensure that samples of the released materials and affected areas are taken prior to, and/or after removal/remediation activities.
3. The DEQ Environmental Liaison will ensure the Responsible Party is contacted to initiate site remediation.
4. The U.S. EPA will initiate action as detailed in Tab 3 of this plan.
5. The DEQ Environmental Liaison will ensure that applicable DEQ expenses are documented in accordance with Idaho Code Title 39-7109 for cost recovery purposes.

V. Follow-up Activities

The DEQ Environmental liaison will ensure adequate environmental monitoring of the release site. Monitoring may include, but is not limited to, the air, water, soil, other potential environmental receptors (i.e. public drinking water systems, wetlands, etc.) and site remediation actions.

Radiological Materials

I. Functions

- A. Provide radiological expertise to support to the Incident Commander and emergency management agencies.
- B. Deploy Radiation Support personnel to assist with environmental characterization, radiation, monitoring and radiation control measures when requested by the Incident Commander.
- C. Assist with notification and coordination of federal radiological resources and regulatory agencies.
- D. Maintain a state capability for radiological environmental sample analysis.
- E. Provide a DEQ Oversight Program representative to the Department of Energy Emergency Operations Center for all emergencies at the Idaho National Laboratory.
- F. Develop and maintain an internal statewide comprehensive emergency response roster. Maintain a call down list response capability for radiological incidents through an on-call radiation duty officer rotation.
- G. Maintain a record of all environmental emergency response incidents involving radiation.

I. Incident Notification

- A. DEQ Oversight Program will be notified of all incidents involving radioactive materials.
- B. DEQ Oversight Program will be notified of all incidents at the Idaho National Lab (INL).
- C. DEQ Oversight Program will be notified through State Communications 1-800-632-8000.

General Numbers

Emergency Notification – State Communications 1-800-632-8000
Idaho Falls Office – (208) 528-2600 Fax (208) 528-2695
Boise Office – (208) 373-0498 Fax (208) 373-0429

III. Remediation/Regulation/Enforcement

- A. DEQ will notify and coordinate with appropriate federal regulatory agency(s) or owners, if known, regarding removal, storage and disposal of radioactive waste/materials.
- B. The DEQ will ensure that applicable DEQ expenses are documented in accordance with Idaho Code Title 39-7109 for cost recovery purposes.