

**IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY  
HAZARDOUS AND RADIOLOGICAL MATERIALS**

The Department of Environmental Quality (DEQ) is a state department created by the Idaho Environmental Protection and Health Act (Idaho Code §39-100 et.seq.) to ensure clean air, water, and land in the state and protect Idaho citizens from the adverse health impacts of pollution.

As a regulatory agency, DEQ enforces various state environmental regulations and administers a number of federal environmental protection laws including the Clean Air Act, the Clean Water Act, and the Resource Conservation and Recovery Act.

**Hazardous Materials**

**I. Functions**

- A. Provide DEQ Environmental Coordinator and Support personnel in support of the Incident Commander.
- B. Assess and evaluate human health and environmental risks in response to hazardous material releases to the environment.
- C. Coordinate environmental investigations and environmental characterization with responsible parties or other entities/agencies, or their contractors.
- D. Oversee cleanup and disposal of hazardous wastes, hazardous substances and materials, and deleterious materials conducted by responsible parties, other entities/agencies, or their contractors.
- E. Develop and maintain an internal statewide comprehensive emergency response roster, and a 24-hour DEQ response capability for hazardous materials incidents.

**II. Incident Response**

**A. Assessment**

- 1. 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 Coordinator and Support personnel will provide an on-site response.
- 3. The DEQ Environmental Liaison or Coordinator may request U.S. Environmental Protection Agency (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 Coordinator or Support personnel will provide technical guidance and support to the Incident Commander

2. The on-scene DEQ Environmental Coordinator 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 DEQ Environmental Coordinator will assist in keeping State Communications (StateComm) informed of actions. DEQ Environmental Support personnel must have hazardous materials incident response knowledge, training, and experience as required by EPA/OSHA and ICS/NIMS.
3. DEQ personnel are not first responders and 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

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.

III. Continuing Response

A. 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. DEQ 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 §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, 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 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 representative to the Department of Energy Emergency Operations Center for all emergencies at the Idaho National Laboratory (INL).

### II. Incident Notification

- A. DEQ INL Oversight program will be notified of all incidents involving radioactive materials.
- B. DEQ INL Oversight program will be notified of all incidents at the INL.
- C. DEQ INL Oversight program will be notified through StateComm at 1-800-632-8000 for emergencies and at the Idaho Falls Office at 208-528-2650 for non-emergencies.

### 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.
- C. Emergency Phase Termination Call: The Incident Commander will terminate the emergency phase of an incident through a StateComm conference call including Idaho Bureau of Homeland Security (BHS) Communications Moderator, DEQ Environmental Liaison, participating responsible parties, and local, state, tribal and federal agencies as follows:
  - 1. The BHS Communications Moderator will ensure that the final conference call conducted with Incident Command is clearly identified as the “emergency phase termination call.”
  - 2. Once the BHS Communications Moderator identifies a conference call as the emergency phase termination call, he or she will consult with Incident Command, DEQ Environmental Liaison, and other call participants to ensure the criteria for emergency phase termination is met (see Response Guidelines).
  - 3. If, following these discussions, any of the call participants indicate that the termination criteria **are not met**, then the BHS Communications Moderator will identify that the emergency phase will continue and subsequent conference call(s) will be scheduled.

4. If, following these discussions, all of the call participants indicate the termination criteria **are met**, the BHS Communications Moderator announces the emergency phase will be terminated and the conference call will continue in accordance with section D below.
5. Following termination of an incident's emergency phase, the BHS Communications Moderator and other emergency phase participants that will not participate in cleanup phase activities may drop off the call.
6. At this time, the DEQ Environmental Liaison, responsible party representative, and the EPA On-Scene Coordinator (if participating on the call) will lead discussions to determine whether ongoing cleanup activities warrant establishing a cleanup phase Incident Command, continued use of the Incident Command System (ICS), and continued use of StateComm.
  - a. If a cleanup phase Incident Command **will not** be established, this will be noted in the record and the call will terminate.
  - b. If a cleanup phase Incident Command **will** be established, the conference call will continue in accordance with section D below.
7. DEQ and EPA (if participating on the call) will consult with the remaining participants to identify agencies to participate in the initial cleanup phase conference call (DEQ and the Responsible Party are required) and will set the time for the call. The call will be scheduled to take place within 24-hours of the emergency phase termination call.

**D. Initial Cleanup Phase Call:** The purpose of the initial cleanup phase conference call is to establish the cleanup phase Incident Command and to identify and communicate cleanup objectives, strategies, and priorities.

1. DEQ and EPA will lead discussions to establish the cleanup phase Incident Command which will be either: unified EPA/DEQ/Responsible Party command, DEQ command or EPA command.
2. Once cleanup phase Incident Command is established, Incident Command will lead discussions that include, but are not limited to, the following:
  - a. Identify the local, state and federal authorities under which the cleanup phase is being conducted;
  - b. Review the information provided during the emergency phase termination call as the basis for terminating the emergency phase, including any necessary updates or additional information relevant to emergency phase termination;
  - c. Conduct cleanup phase business (e.g., updates, roles, responsibilities, priorities, objectives, next steps, logistics); and
  - d. Establish ongoing cleanup phase call schedule and participant list.
3. If it is determined that no further Cleanup Phase Calls are required, this will be noted in the record and no further actions will be taken under these procedures.

#### IV. Cleanup

- A. DEQ Regional Offices will oversee the cleanup and disposal of regulated hazardous wastes.
- B. DEQ Regional Offices will oversee the cleanup of deleterious materials and petroleum products.
- C. DEQ Radiation Support personnel will oversee the cleanup of radioactive materials and radioactive wastes.
- D. DEQ Regional Office in conjunction with DEQ state office will advise other agencies when response or cleanup activities may involve air permitting concerns.
- E. **Ongoing Cleanup Phase Calls (if deemed necessary):** The purpose of ongoing cleanup phase calls is to coordinate and communicate cleanup phase activities by utilizing StateComm and ICS. The ongoing cleanup phase calls are to be used as an efficient means of disseminating information between cleanup response personnel and oversight agencies. These calls are not intended to substitute for on-the-ground decision making.
  - 1. Incident Command will lead discussions regarding cleanup-phase activities per the conference call schedule established in Section D above. Ongoing calls will continue, as scheduled, until Incident Command and DEQ determine to discontinue the calls.
  - 2. If Incident Command and DEQ determine to discontinue the calls, this will be noted in the record.