

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Abandoned Mine/HazMat Inventory  
Field Inspection Checklist**

1. **Site Name:** \_\_\_\_\_

2. **Location:** Latitude/Longitude Decimal /Minutes/Seconds/Hour Seconds **or** UTM (Use NAD 83).

Latitude: \_\_\_\_\_ (Decimal) Longitude: \_\_\_\_\_  
(Decimal)

3. **UTM Zone:** \_\_\_\_\_ E: \_\_\_\_\_ N: \_\_\_\_\_ (7 numeric)

4. **Ownership:** (check all applicable) Acres: \_\_\_\_\_  
(footprint of site)

Municipal       Private       State       BLM       Other  
 Mixed             Split Estate       USFS             Unknown

**Feature Types** – minimum of one **Physical/Environmental/No Action Needed** = P/E/N

**Mitigation** – Sign/ Fence/Both= S/.F/B,

5. Feature Types	6. P/E/N	7. S/F/B	Lat/Long(Decimal) or UTM
Closed Adit/Decline/Tunnel			
Closed Adit/Decline/Tunnel			
Closed Shaft/Incline/Stope			
Closed Shaft/Incline/Stope			
Highwalls/Pits			
Illegal Dump – Hazardous Waste			
Illegal Dump – Hazardous Waste			
Illegal Dump – Solid Waste			
Illegal Dump – Solid Waste			
Industrial Facility			
Industrial Facility			
Landfill			
Landfill			
Mine/Mineral Processing Mill			
Mine/Mineral Processing Mill			
Non BLM Facility (such as DOE, DOD-FUDS)			
Non BLM Facility (such as DOE, DOD-FUDS)			
Open Adit/Decline/Tunnel			
Open Adit/Decline/Tunnel			
Open Adit/Decline/Tunnel			
Open Shaft/Incline/Stope			
Open Shaft/Incline/Stope			



**10. Field Notes and Comments:**

11. INSPECTED BY:

12. DATE OF INSPECTION

---

Attachment 1-3

## Abandoned Mine/HazMat Inventory Field Inspection Checklist Instructions

1. Identify the area impacted by physical safety and/or environment hazards.
2. Enter the Latitude measurement (North or South of Site); Enter Longitude measurement (East or West of Site) or provide the Universal Transverse Mercator (UTM) measurement. Use the NAD 83 standard.
3. Enter the Universal Transverse Mercator (UTM) measurement in degrees or provide the Lat/Long measurement.
4. Identify ownership by checking the appropriate box whether it is Municipal (city or county government), Mixed (Private/Federal, State/Private, Corporation/Federal), Private (Individual or Corporation), Split Estate (Private/Corporation, State/Private), State (State solely), USFS (United States Forest Service solely), BLM (BLM solely), Unknown (Ownership is unknown), and Other (e.g. Native Indian). Check all applicable ownership(s).
5. Identify the Feature Type (e.g. Illegal Dump –Solid Waste, Landfill, Caved Adit, Highwalls/Pits, or Tailings). Indicate if the Feature Type is a HAZMAT site or AML site.

### **Closed Adit/Decline Incline/Shaft/Stope/Tunnel**

A closed adit/decline/incline/tunnel /shaft/stope are mine features that have been closed and the general public is unable to enter the mine.

**Adit** - a horizontal or nearly horizontal passage from the surface into the mine.

**Decline/incline** - a sloped passage from the surface, at an angle from the horizontal, into the mine. A decline slopes downward and an incline slopes upward from the point of observation.

**Shaft** - a vertical or inclined excavation in rock for the purpose of providing access to an orebody.

**Stope** - an underground excavation formed by the removal of ore that has opened to the surface.

**Tunnel** - a horizontal or nearly horizontal passage that is open on both ends.

**Illegal Dump – Solid Waste** – abandoned piles of household garbage, bags of yard waste, discarded appliances, old barrels, used tires and demolition debris that can threaten the health of humans, wildlife and the environment.

**Illegal Dump – Hazardous Waste** – any waste (solid, liquid, or gas) which because of its quantity, concentration, or chemical, physical, or infectious characteristics, pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed.

Attachment 1-4

**Highwalls/Pits**

Highwall - the unexcavated face of exposed overburden and coal or ore in an opencast mine, or the face or bank on the uphill side of a contour strip mine excavation.

Pit - is an excavation generally circular in outline, with vertical or nearly vertical walls.

**Industrial Facility** – consists of a site used for any of the following activities such as manufacturing, processing, raw material storage, mining: metal, coal, oil and gas, nonmetallic minerals (SIC 10-14), and oil and gas exploration, production, processing, or treatment operations.

**Landfill** – Disposal sites for non-hazardous solid wastes spread in layers, compacted to the smallest practical volume, and covered by material applied at the end of each operating day.

**Mine/Mineral Processing Mill**

A preparation facility within which metal ore is cleaned, concentrated, or otherwise processed before it is shipped to the customer, refiner, smelter, or manufacturer. A mill includes all ancillary operations and structures necessary to clean, concentrate, or otherwise process metal ore, such as ore and gangue storage areas and loading facilities.

**Non BLM Facility** – a facility located on BLM lands but managed by another federal agency such as a Department of Defense Formerly Used Defense site or Department of Energy Research Facility.

**Open Adit/Decline Incline/Shaft /Stope/Tunnel**

An open adit/decline/incline/shaft/stope/tunnel are mine features that are open and the general public is able to enter the mine. (Mine feature definitions are found in the closed mine features part of this section).

**Orphaned Well** – is a plugged or unplugged well with no responsible party.

**Pipeline Leaks/Spills** - dead or discolored vegetation that is otherwise green along a pipeline Right of Way (ROW), or **see** pools of liquid not otherwise usually present along the pipeline ROW, or **see** a cloud of vapor or mist not otherwise usually present along the pipeline ROW; or **smell** an unusual odor or scent of petroleum along a pipeline ROW; or **hear** an unusual hissing or roaring sound along a pipeline ROW.

Attachment 1-5

**Prospect**

A prospect is an area that has been explored in a preliminary manner but has not given evidence of economic value. A prospect is commonly a shallow excavation (less than or equal to 10 feet in depth and less than or equal to 15 feet in diameter), or an adit/incline that is less than 5 feet in length.

**Repository**

A reclamation feature constructed to hold historic mine tailings that contain high concentrations of human and environmental concern. Materials used to construct repositories include clay, and other geotextiles. A repository may be several acres in size.

**Reserved Pits/Produced Water Pond/Other**

A pond is a man-made surface depression holding a body of water. A pond can be lined or unlined. A pond can also contain fresh water, pregnant solution, or barren solution. Reserve pits are ponds that are used to settle out materials and are used for evaporation of water used in the mining process.

**Spills (Other than pipelines)** - are any oil or petroleum products, chemicals, wastes or other potentially dangerous materials that are released in any manner.

**Tailings**

Mine tailings are residual materials after the ore-grade materials have been washed, concentrated, or treated. This material is considered too poor a grade to treat any further.

**Tanks (above Ground)** - A tank located completely or partially aboveground that is designed to hold gasoline or other petroleum products or chemical solutions.

**Tanks (under Ground)** - A tank located completely or partially underground that is designed to hold gasoline or other petroleum products or chemical solutions.

6. Indicate if the Feature Type is a Physical (P) or Environmental (E) hazard or if No Action (N) is needed (P/E/N). Enter a P/E/N in the box.
7. Indicate if mitigation occurred at site location. Indicate if Signs (S) or Fencing (F) or Both (B) were installed. Enter an S/F/B in the box.
8. Identify any additional feature types. Indicate if the feature type is a Physical (P) or Environmental (E) hazard or if No Action (N) is needed (P/E/N). Also, indicate if mitigation occurred. Indicate if Signs (S) or Fencing (F) or Both (B) were installed. Enter an S/F/B in the box.
9. Indicate if photographs were taken. Provide notes of photographs taken.

Attachment 1-6

10. Provide any field notes and comments about the site location.
11. The authorized BLM employee who inspected the site signs this block.
12. The authorized BLM employee who inspected the site provides the date of inspection.

Attachment 1-7