

**Monticello, Utah, National
Priorities List (NPL) Sites
Federal Facility Agreement
(FFA) Quarterly Report:
October 1–December 31, 2020**

February 2021



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

3D	three-dimensional
AOA	Area of Attainment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
FFA	Federal Facility Agreement
gpad	gallons per acre per day
gpm	gallons per minute
GRO	Groundwater Remedy Optimization
IC	institutional control
LCRS	Leachate Collection and Removal System
LDS	Leak Detection System
LM	Office of Legacy Management
LMS	Legacy Management Support
LTS&M	long-term surveillance and maintenance
MMTS	Monticello Mill Tailings Site
MNA	monitored natural attenuation
MVP	Monticello Vicinity Properties
OU	Operable Unit
PRB	permeable reactive barrier
QAPP	Quality Assurance Project Plan
SMP	Site Management Plan
TSF	Temporary Storage Facility
UDEQ	Utah Department of Environmental Quality
UDOT	Utah Department of Transportation
ZVI	zero-valent iron

1.0 Introduction

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) submits this quarterly report to inform the U.S. Environmental Protection Agency (EPA) and the Utah Department of Environmental Quality (UDEQ) of the status of the Monticello Vicinity Properties (MVP) and the Monticello Mill Tailings Site (MMTS), collectively called the LM Monticello, Utah, Disposal and Processing Sites, for July through September 2020. The MVP and MMTS are regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Quarterly reports are submitted to EPA and UDEQ in February (for October through December), May (January through March), August (April through June), and November (July through September).

LM assesses MVP and MMTS conditions and remedy protectiveness through (1) monthly, quarterly, and annual inspections of site infrastructure and operations as specified under the *Long-Term Surveillance and Maintenance Plan for the Monticello NPL Sites* (DOE 2018a), also called the Long-Term Surveillance and Maintenance (LTS&M) Plan; (2) semiannual monitoring of groundwater and surface water under the *Record of Decision for the Monticello Mill Tailings (USDOE) Site Operable Unit III, Surface Water and Ground Water, Monticello, Utah* (DOE 2004); and (3) CERCLA Five-Year Reviews.

The primary LTS&M activities at the MVP and MMTS are conducted to (1) provide radiological control at properties where residual soil contamination from mill tailings remains in place (supplemental standards properties), (2) operate and maintain the mill tailings repository, (3) ensure that institutional controls (ICs) restricting the use of land and water remain effective, (4) monitor water quality restoration progress, and (5) operate the Operable Unit (OU) III pump-and-treat groundwater contingency remedy optimization system. This system, implemented in January 2015, focuses on groundwater remediation within a specified region of the alluvial aquifer called the Area of Attainment (AOA).

Annual groundwater reports present comprehensive data evaluation for the groundwater and surface water OU III remedy. LM has utilized the data presented in the most recent annual groundwater report to update the conceptual site model and develop a three-dimensional (3D) numerical fate and transport model to assess remedial time frames.

Project milestones and guiding documents are further described in the *Monticello Site Management Plan* (DOE 2003) (SMP). Section 5.0 of that document is updated annually.

1.1 Quarterly Site Status

A summary of the activities and observations for this quarter is as follows:

- The Groundwater Remedy Optimization (GRO) system operated as planned during the October–December period and pumped approximately 0.86 million gallons of water from the AOA.
- Additional comments were received from EPA on the *Quality Assurance Project Plan, Monticello, Utah, Disposal and Processing Sites* (QAPP) at the end of this period (December 2020).

- The annual update to Section 5.0 of the SMP was completed and sent to EPA and UDEQ for concurrence in October 2020.
- The Annual Site Inspection report was completed and sent to EPA and UDEQ in December 2020.
- The Annual Groundwater Report was sent to EPA and UDEQ for review in October 2020. Comments were received back from UDEQ in December 2020.
- The previous period's Federal Facility Agreement (FFA) Quarterly report was sent to EPA and UDEQ in November 2020.
- A draft of the *Monticello Mill Tailings Operable Unit III Groundwater Flow and Contaminant Transport Model Report* was completed and submitted to EPA and UDEQ for review (November 19, 2020).
- The Legacy Management Support (LMS) contractor drafted a report on its monitored natural attenuation (MNA) project for OU III (the MNA Demonstration Report) and submitted it to LM for review (December 2020).
- Weekly site inspections were performed by site personnel to verify the integrity of the site's systems and to monitor activities that might occur in supplemental standards areas (e.g., city streets and utility corridors). Site personnel worked onsite at least 4 days a week during the quarter except for shortened weeks to observe holidays.
- Monticello site personnel continued working under Phase 3 of the coronavirus-related Limited Operations return-to-work procedures, which allowed people to work at the site every day except weekends and holidays; (i.e., a continuation of the policy in effect since May 18, 2020).
- Site personnel performed monthly and quarterly site inspections in accordance with the LTS&M Plan.
- Routine surveillance noted no anomalous conditions for the MVP remedy.
- Routine surveillance noted no violations of MMTS ICs that restrict land and groundwater use.
- Routine surveillance noted no anomalous conditions with the surface features of the disposal cell and Pond 4, the engineered solar evaporation pond.
- The volume of water pumped from the Pond 4 Leachate Collection and Removal System (LCRS) did not exceed the action level this quarter.
- Routine surveillance noted no operational deficiencies for the Temporary Storage Facility (TSF).

2.0 Monticello Vicinity Properties

LTS&M for the MVP consists of providing radiological control at excavations in City of Monticello roadway and utility corridors, in Utah Department of Transportation (UDOT) rights-of-way within City limits, and at property MS-00176-VL (privately owned supplemental standards property).

Surveillance results for this quarter are as follows:

- No anomalous conditions for the MVP remedy were noted.
- LM representatives continued to coordinate with City officials via telecommunications regarding construction and excavation activities by the City, UDOT, and utility companies in roadway and utility corridors. LM follows the normal LTS&M protocol to provide radiological control in the affected roadways.
- Two excavations occurred in the City streets and utility corridors this quarter. Site personnel radiologically surveyed the removed soils from the excavations, and no radiologically contaminated materials were found.

Neither excessive erosion nor unauthorized excavations were observed at the U.S. Highway 191 embankment at Montezuma Creek (supplemental standards property).

Surveillance of property MS-00176-VL identified no excessive erosion of supplemental standards material or violation of the land-use restriction.

3.0 Monticello Mill Tailings Site

LTS&M activities for the MMTS consist of (1) maintaining the onsite repository and operating the associated LCRS and Leak Detection System (LDS) for the disposal cell and Pond 4, (2) surveillance of properties affected by groundwater- and land-use ICs on the former mill site and peripheral properties, and (3) operation and maintenance of the OU III groundwater remediation system.

3.1 Operable Unit I

OU I consists of the property that contained the former Monticello mill (mill site) and repository. Radioactively contaminated materials were removed from the MVP, the mill site, and peripheral properties (OU II) and encapsulated at the repository as a remedial action that was completed in 1999. LM owns and manages the repository; the City owns the former mill site and manages it as a public park.

3.1.1 Repository

Monthly, quarterly, and annual inspections of the repository ensure that remedy controls remain intact and the waste remains isolated from the environment. Inspection observations and maintenance activities for the quarter are as follows:

- No area of the cover showed settling, slumping, fracturing, seepage, ponding, or significant erosion.
- No anomalous surface feature conditions were observed at the disposal cell or Pond 4. Surveillance checklists for this quarter are attached as Appendix A. No further minor burrowing by voles and small ground squirrels was observed this quarter on the disposal cell and Pond 4 berm.

- The disposal cell LCRS and LDS were operated in accordance with the requirements specified in the LTS&M Plan. Findings for the disposal cell LCRS and LDS this period include the following:
 - Leachate production from the disposal cell was approximately 1010 gallons per week combined for sumps LCRS 1 and LCRS 2. There is no action level for the disposal cell LCRS. See Appendix B for a graphical depiction of leachate production history.
 - The disposal cell LDS continues to receive no water; therefore, the disposal cell LDS action level was not exceeded. See Appendix B for a graphical depiction of leachate production history.
- Operation of the OU III GRO system resulted in increased water collection in the Pond 4 LCRS. LCRS and LDS action levels, approved by EPA and UDEQ, were formally developed in the *Repository and Pond 4 Groundwater Contingency Plan* (see DOE 1998d in the LTS&M Plan) and are also found in Section D5.0 of the LTS&M Plan. The leakage rate established for the Pond 4 LCRS is 851 gallons per acre per day (gpad) (2000 gallons per day) and for the LDS is 20 gpad (47 gallons per day), which is averaged over a 7-day period. These leakage rates are based on the area of the floor of Pond 4, which is 2.35 acres. Currently, the LCRS and LDS monitoring and pumping systems are functioning as designed to recirculate water back into Pond 4.
- Findings for the Pond 4 LCRS and LDS this period are as follows:
 - Water collection at the Pond 4 LCRS continued but did not exceed the action levels this quarter (see Appendix B)
 - Water collection in the Pond 4 LDS remained below the action level (see Appendix B)
- Small erosion rills were observed on the West Drainage Channel during the annual site inspection. The rills did not impact the integrity of the area and repairs were made as a maintenance item on October 5, 2020.

3.1.2 Temporary Storage Facility

Routine surveillance of the TSF ensures that maintenance and radiological controls that govern access to and the placement, storage, and transfer of contaminated material in the TSF are current and effective. Surveillance this quarter (see surveillance checklists in Appendix A) revealed that:

- The TSF cover, fencing, radiological controls, and signs have been maintained in accordance with the LTS&M Plan, and the TSF has been inspected and verified as ready to receive contaminated materials.

LM is required to initiate the transfer of TSF materials for permanent disposal at the Grand Junction, Colorado, Disposal Site when the contents reach a volume of approximately 75 cubic yards. Recent TSF activity is summarized as follows:

- The volume of waste stored in the TSF controlled area is approximately 1.5 cubic yards. Currently, the TSF stores no soils or excavation products from City street projects or supplemental standards areas. Present contents consist primarily of used personal protective equipment, one pump, and materials removed from onsite radiological areas during routine site maintenance.

3.1.3 Former Mill Site

LM conducts surveillance of the former mill site (properties MP-00181-VL and MS-00893-VL) to ensure compliance with ICs that were implemented to preserve the OU I remedy for soil and groundwater. ICs applicable to the former mill site include prohibitions on installing domestic-use wells in the alluvial aquifer, constructing habitable structures, and camping, as well as preserving the properties for day use as a public park.

Surveillance results for this quarter revealed:

- No nonconformance with water- and land-use restrictions.

3.2 Operable Unit II

OU II consists of private and City-owned properties peripheral to the former mill site. LM conducts surveillance of OU II properties to verify compliance with ICs that were implemented to preserve the OU II remedy for soil and groundwater.

Surveillance results for this quarter are summarized below for the different components of OU II.

- **Montezuma Creek Restrictive Easement Area (supplemental standards properties, both City-owned and privately owned):** No evidence of nonconformance with land-use restrictions (no soil removal or construction of habitable structures in supplemental standards areas) was observed.
- **Groundwater-use restrictions (i.e., no installation of domestic-use wells in the alluvial aquifer):** These were applied to several OU II properties under the 2004 covenant by which DOE transferred selected properties to the City. No evidence of nonconformance with this restriction was observed during the quarter.
- **Property MS-00211-VL (City-owned):** No evidence of nonconformance with the land-use restriction on building construction was observed.
- **Pinyon-juniper supplemental standards properties (City-owned):** No evidence of nonconformance with land- and groundwater-use restrictions was observed.
- **Excessive erosion:** No storm events exceeding 2.8 inches of precipitation in a 24-hour period occurred to require surveillance of supplemental standards cleanup properties for excessive erosion.

3.3 Operable Unit III

OU III consists of groundwater and surface water contamination resulting from operation of the former Monticello mill. Routine monitoring of OU III (water quality and water level) is normally performed semiannually in April and October; the next semiannual sampling event is scheduled for the week of April 12, 2021.

The contaminated groundwater is within the alluvial aquifer beneath the valley of Montezuma Creek; some sections of Montezuma Creek are contaminated by the discharge of contaminated groundwater. The alluvial aquifer has no record of past or present use; however, a portion of the aquifer is subject to ICs to restrict use. Montezuma Creek is used for limited irrigation and livestock watering. There are no ICs that restrict surface water use.

The current groundwater remedy includes (1) MNA with ICs and (2) pump-and-treat remediation by evaporation that was implemented as the GRO system in January 2015. Operation and performance of the groundwater remedy are reported annually. Previous remediation efforts have included (1) treatment by a zero-valent iron (ZVI) in situ permeable reactive barrier (PRB) and (2) pump-and-treat remediation that used ex situ ZVI treatment. The ex situ ZVI treatment system was deactivated in December 2014 and replaced by the GRO system, which is described in greater detail in Section 3.3.2. The PRB remains a component of the GRO system as a groundwater flow barrier.

3.3.1 Groundwater Restricted Area/Institutional Controls

During spring and fall, LM conducts surveillance of properties where groundwater contamination is present to ensure compliance with the groundwater-use restriction (i.e., no installation of domestic-use wells in the alluvial aquifer). The affected OU III properties constitute the Monticello Groundwater Restricted Area, as defined and administered by the Utah Department of Natural Resources Division of Water Rights. Surveillance found:

- No evidence of nonconformance with the groundwater-use restriction since its implementation in May 1999.

3.3.2 OU III Groundwater Contingency Remedy Optimization System

The GRO system includes eight vertical extraction wells strategically placed in the AOA to extract contaminated groundwater and an associated monitoring system. The water from the extraction wells is transmitted in buried pipelines to an aboveground holding tank in the groundwater transfer building; from there it is pumped through a buried water transmission line for about 1 mile to Pond 4 for evaporation.

The associated monitoring system consists of 22 wells installed in the AOA. Sixteen of the 22 wells were installed south of Montezuma Creek in 2014, and 6 wells were installed north of Montezuma Creek in 2017. These 22 wells are currently sampled following the extraction of approximately 1 million gallons from the GRO system as stated in Section 1.5 of the *Remedial Action Completion Report for Operable Unit III Groundwater Contingency Remedy Optimization System, Monticello Mill Tailings Site, Monticello, Utah* (DOE 2016).

3.3.2.1 GRO System Quarterly Performance Summary

The following points summarize the GRO system performance.

- Groundwater extraction during the quarter was approximately 0.86 million gallons, equivalent to an average flow rate of 6.54 gallons per minute (gpm). Assuming the concentration of extracted water throughout the quarter was equal to the uranium concentration of the tank effluent on October 20, 2020 (the most recent sample collected), a total of 3.4 pounds of uranium was removed during this quarter.
- During the quarter, the volume of water stored in Pond 4 increased by approximately 0.18 million gallons. The GRO system operates by balancing the extraction rate and the Pond 4 evaporation rate while maintaining the Pond 4 storage volume between 5 million and 8 million gallons (the maximum storage volume of Pond 4 is approximately 15.6 million gallons).

- Water-level monitoring during the quarter consisted of:
 - Continuous water-level monitoring in AOA extraction and monitoring wells using pressure transducers and dataloggers (programmed to record at 5-minute intervals) connected to the LM System Operation and Analysis at Remote Sites (SOARS) system.
- Cumulatively, the system has removed 23.2 million gallons of contaminated groundwater from the aquifer since system startup in January 2015 (Table 1). Assuming a minimum AOA uranium plume pore volume of 2.4 million gallons and a maximum pore volume of 3.3 million gallons, the GRO system has removed between 7.0 and 9.7 pore volumes since system startup.
- From January 2015 through October 20, 2020, the GRO system removed approximately 118 pounds of uranium from the AOA aquifer (Table 2). Estimates of cumulative uranium mass removed are updated only at sampling events.

Table 1. GRO System Treatment: Monthly Volumes and Rates for This Quarter and Cumulative Volumes Since January 2015

Calendar Month	Approximate Volume Pumped (million gallons)	Effective Pumping Rate (gpm)	Approximate Cumulative Volume ^a (million gallons)
October 2020	0.27	6.21	22.6
November 2020	0.29	6.80	22.9
December 2020	0.30	6.62	23.2

Notes:

^a Cumulative volume is based on the volume of groundwater extracted by the GRO system since system startup in January 2015.

Table 2. Uranium Mass Removal from Groundwater in the AOA

Tank Effluent Sample Date ^a	Effluent Tank Uranium Concentration (µg/L)	Volume Removed Between Tank Samples (million gallons)	Uranium Removed (pounds) ^b	Cumulative Mass Uranium Removed ^c (pounds)
May 18, 2020	510	0.83	3.6	114
October 20, 2020	480	1.00	4.1	118

Notes:

^a Sampling occurs following the extraction of approximately 1 million gallons.

^b Uranium removed since last sampling event. Estimate is based on median concentration between sampling dates.

^c Since GRO system startup in January 2015. Estimates of cumulative mass removed are updated every sampling event.

Abbreviation:

µg/L = micrograms per liter

Monitoring and reporting guidelines for the GRO system are described in the *Final Groundwater Contingency Remedy Optimization Remedial Design/Remedial Action Work Plan for the Monticello Mill Tailings Site Operable Unit III, Monticello, Utah* (DOE 2014). Evaluation of water quality trends and whether remediation goals are being met, in the AOA and sitewide, is

beyond the scope of this FFA quarterly report but is provided in annual groundwater reports that are submitted to EPA and UDEQ.

3.3.3 OU III Closure Strategy

Several scenarios are being evaluated to develop a closure strategy for OU III, and these are detailed in the *OU III Closure Strategy for the Monticello Mill Tailings Site, Monticello, Utah* (DOE 2018b). These scenarios include MNA and ICs, with remedy transition, decommissioning, and long-term monitoring (Scenario 1); GRO system termination based on asymptotic trends before transitioning to MNA and ICs (Scenario 2); and evaluation of alternative technologies and technical impracticability waiver (Scenario 3). Efforts to determine the best possible closure strategy include hydrogeologic and geochemical characterization along with 3D numerical fate and transport modeling to forecast remedial time frames.

With regard to the OU III closure strategy, the LMS contractor completed the following this quarter:

- A draft of the MNA Demonstration Report was completed and submitted to LM for review.
- A draft of the Monticello Mill Tailings Operable Unit III Groundwater Flow and Contaminant Transport Model Report was completed and submitted to EPA and UDEQ for review.
- A draft report for termination of the GRO system was developed for internal review.
- Modeling updates were started to assist the development of the Performance Monitoring Plan for MNA.

4.0 Schedule of Activities and Deliverables

Table 3 summarizes the completion of recently completed and near-term planned activities and deliverables for the Monticello National Priorities List sites.

Table 3. Monticello Sites Recent and Near-Term Activities and Deliverables

Activity or Deliverable	Schedule
Recent	
Revised Draft Monticello Quality Assurance Project Plan, Monticello, Utah, Disposal and Processing Sites (QAPP)	- Submitted to EPA and UDEQ 10/2/2020 - Comments received from EPA 12/15/2020
Revised Section 5.0 of the SMP	Submitted to EPA and UDEQ 10/7/2020
Monticello Mill Tailings Site Operable Unit III Annual Groundwater Report, May 2019–May 2020 (October 2020)	- Submitted to EPA and UDEQ 10/29/2020 - Comments received from EPA and UDEQ 12/28/2020
Monticello, Utah, National Priorities List Sites Federal Facility Agreement (FFA) Quarterly Report: July 1–September 30, 2020 (DOE 2020)	Submitted to EPA and UDEQ 11/9
Monticello Mill Tailings Site Operable Unit III Groundwater Flow and Contaminant Transport Model Report	Submitted to EPA and UDEQ 11/19/2020
Monitored Natural Attenuation Demonstration Report Operable Unit III, Monticello Mill Tailings Site, Monticello, Utah	Submitted to LM for review 12/14/2020
2020 Annual Inspection Report for the DOE Monticello, Utah, Mill Tailings Site and Monticello Vicinity Properties	Submitted to EPA and UDEQ 12/21/2020
Near-Term	
Revised Monticello QAPP	Will submit to EPA and UDEQ February 2021
Modeling QAPP	Scheduled for March 2021
Spring semiannual ground and surface water sampling event	Scheduled for week of April 12, 2021
Monticello Mill Tailings Site Operable Unit III Annual Groundwater Report, May 2020–May 2021 (October 2021)	Will submit to EPA and UDEQ before October 31, 2021
Monticello, Utah, National Priorities List Sites Federal Facility Agreement (FFA) Quarterly Report: October 1–December 31, 2020	Will submit to EPA and UDEQ before May 15, 2020, deadline
Annual Site Inspection Report	Will submit to EPA and UDEQ by December 31, 2021
Semiannual FFA meeting	Spring 2021
MNA Demonstration Report	Will submit to EPA and UDEQ January 2021
Technical report to terminate GRO Operations	Will submit to EPA and UDEQ spring of 2021
Performance Monitoring Metrics for OU III	Scheduled for spring of 2021
Sixth CERCLA Five-Year Reviews for MVP and MMTS	Scheduled to begin summer of 2021

5.0 References

DOE (U.S. Department of Energy), 2003. *Monticello Site Management Plan*, GJO-2003-493-TAC, Section 5.0 (this section is continually updated), Office of Legacy Management, October.

DOE (U.S. Department of Energy), 2004. *Record of Decision for the Monticello Mill Tailings (USDOE) Site Operable Unit III, Surface Water and Ground Water, Monticello, Utah*, DOE-LM/GJ629-2004, May.

DOE (U.S. Department of Energy), 2014. *Final Groundwater Contingency Remedy Optimization Remedial Design/Remedial Action Work Plan for the Monticello Mill Tailings Site Operable Unit III, Monticello, Utah*, LMS/MNT/S10629, Office of Legacy Management, May.

DOE (U.S. Department of Energy), 2016. *Remedial Action Completion Report for Operable Unit III Groundwater Contingency Remedy Optimization System, Monticello Mill Tailings Site, Monticello, Utah*, LMS/MNT/S13373, Office of Legacy Management, May.

DOE (U.S. Department of Energy), 2018a. *Long-Term Surveillance and Maintenance Plan for the Monticello NPL Sites*, LMS/MNT/S00387, Office of Legacy Management, June.

DOE (U.S. Department of Energy), 2018b. *OU III Closure Strategy for the Monticello Mill Tailings Site, Monticello, Utah*, LMS/MNT/S18146, Office of Legacy Management, May.

DOE (U.S. Department of Energy), 2020. *Monticello, Utah, National Priorities List Sites Federal Facility Agreement (FFA) Quarterly Report: January 1–March 31, 2020*, LMS/MNT/S29501, Office of Legacy Management, May.

Appendix A

Monthly and Quarterly Surveillance Checklists

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Contractor to the U.S. Department of Energy Office of Legacy Management

Monthly Pond 4 Surveillance Checklist

Level of water in Pond 4 6.20

Inspection Item	Acceptable		Comments and Recommendation
	Yes	No	
Condition of:			
Fences, gates, and locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Signs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visible piping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visible liner and anchors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Rescue equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat remains at the pond.
Evidence of erosion of:			
Top of Pond 4 berm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pond 4 sideslopes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ditches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Surrounding area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Seepage from Pond 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Overtopping of Pond 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Evidence of:			
Vandalism	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Intrusion by wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Intrusion by humans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Accumulation of trash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Additional comments: Things appear to be in good condition.

Monticello LM Representative: Gary L. McKinnon Digitally signed by Gary L. McKinnon Date: 2020.10.29 13:29:07 -06'00' Date: 10/29/2020



Repository Area Surveillance Checklist

- Monthly surveillance Quarterly surveillance: February May August November
- Storm event triggered surveillance due to _____ inches of rainfall over the past 24 hours.

Inspection Item	Acceptable		Comments and Recommendation
	Yes	No	
Condition of:			
Fences, gates, and locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Roads ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Signs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Site monuments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Drainage ditches ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Manholes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Evidence of erosion of:			
Top of disposal cell ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Disposal cell sideslopes ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Ditches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Surrounding area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Evidence of:			
Vandalism	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Intrusion by livestock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Burrowing animal damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Intrusion by humans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Accumulation of trash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Additional Quarterly Surveillance Requirements

Note: All transects, shown in Figure 3-1, must be walked during this inspection.

Condition of:			
Settlement plate structures	<input type="checkbox"/>	<input type="checkbox"/>	_____
Manholes ^b	<input type="checkbox"/>	<input type="checkbox"/>	_____
Sediment ponds	<input type="checkbox"/>	<input type="checkbox"/>	_____
Evidence of:			
Structural instability	<input type="checkbox"/>	<input type="checkbox"/>	_____

Additional comments: The repository appears to be in good condition.

Signature: Gary L. McKinnon Digitally signed by Gary L. McKinnon Date: 10-29-2020
Date: 2020.10.29 13:31:48 -06'00'

 Monticello LM Representative

^aInspections required following a significant storm event
^bOpen to inspect quarterly

MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2020

NAME: Monticello Office CITY: STATE:
 ELEV: 7069 ft LAT: 37° 54' 00" N LONG: 109° 18' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	62.9	75.3	2:30p	50.5	7:30a	5.0	3.0	0.00	6.3	18.0	4:00p	NNW
2	62.1	75.3	3:00p	51.8	7:30a	5.3	2.5	0.00	5.5	18.0	3:30p	WNW
3	62.3	73.1	2:00p	51.5	6:00a	4.7	2.0	0.00	7.5	21.0	4:00p	WNW
4	61.5	74.2	4:30p	49.5	6:00a	5.7	2.2	0.00	5.9	20.0	1:30p	SE
5	63.1	74.8	2:30p	49.5	7:30a	4.7	2.8	0.00	7.9	23.0	2:00p	NW
6	63.9	77.5	3:00p	50.6	7:30a	4.8	3.7	0.00	5.0	16.0	2:30p	WNW
7	62.4	76.6	4:00p	51.0	8:00a	5.5	2.9	0.00	5.3	15.0	1:00p	SW
8	62.9	75.6	4:00p	50.7	6:30a	4.7	2.7	0.00	7.1	25.0	3:00p	SW
9	62.9	74.3	4:00p	50.5	8:00a	4.2	2.1	0.00	5.8	19.0	4:00p	S
10	60.6	71.0	3:00p	49.9	5:00a	5.6	1.1	0.00	7.5	29.0	3:30p	S
11	54.4	66.2	1:30p	45.2	8:30p	10.6	0.0	0.00	10.0	33.0	2:00p	NW
12	52.3	66.3	5:00p	35.2	5:00a	12.8	0.1	0.00	5.4	20.0	12:00p	SE
13	57.0	71.0	3:30p	42.9	7:30a	9.0	1.0	0.00	6.0	22.0	4:00p	SSE
14	59.9	74.7	3:30p	45.1	8:00a	7.2	2.0	0.00	4.9	22.0	4:30p	SE
15	53.8	61.5	2:30p	44.6	8:00a	11.2	0.0	0.00	9.4	26.0	5:30p	NW
16	52.9	67.6	4:30p	40.3	3:00a	12.2	0.1	0.00	6.9	22.0	2:00a	WNW
17	57.2	70.1	5:00p	45.6	6:30a	8.5	0.7	0.00	5.2	23.0	2:30p	WSW
18	60.7	71.3	4:00p	52.1	11:30p	5.6	1.3	0.00	6.6	20.0	12:00p	WNW
19	59.3	71.5	4:00p	47.0	7:00a	7.0	1.4	0.00	5.1	17.0	3:00p	S
20	58.5	72.2	3:00p	46.5	5:30a	7.8	1.3	0.00	6.1	24.0	2:30p	NW
21	57.7	69.0	2:30p	44.3	8:00a	8.0	0.7	0.00	7.4	24.0	2:30p	SSW
22	56.2	67.8	4:00p	41.0	8:00a	9.0	0.2	0.00	10.0	28.0	1:30p	S
23	52.6	65.3	3:30p	39.5	8:30a	12.4	0.0	0.00	5.8	25.0	2:00p	SSE
24	54.9	64.0	3:30p	46.2	8:30a	10.1	0.0	0.00	11.6	29.0	11:00a	S
25	46.4	60.3	1:00p	22.6	12:00m	18.6	0.0	0.01	14.2	38.0	2:00p	SSW
26	16.8	22.7	12:30a	13.1	9:30a	48.2	0.0	0.00	18.4	37.0	5:30a	NW
27	29.2	37.9	5:00p	18.3	12:30a	35.8	0.0	0.00	9.9	29.0	12:00m	NW
28	42.6	52.3	2:30p	31.4	5:30a	22.4	0.0	0.00	12.5	28.0	3:00p	NW
29	44.6	58.0	3:30p	29.7	7:30a	20.4	0.0	0.00	3.4	14.0	12:30a	SE
30	44.9	58.5	4:00p	32.1	8:00a	20.1	0.0	0.00	4.6	17.0	5:30p	SW
31	46.6	62.2	2:30p	31.8	6:30a	18.4	0.0	0.00	5.1	23.0	3:30p	WSW

	54.3	77.5	6	13.1	26	365.5	33.8	0.01	7.5	38.0	25	NW

Max >= 90.0: 0
 Max <= 32.0: 1
 Min <= 32.0: 6
 Min <= 0.0: 0
 Max Rain: 0.01 ON 10/25/20
 Days of Rain: 0 (>.01 in) 0 (>.1 in) 0 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

Site: Monticello, Utah Building Number: Office and Groundwater Buildings Date: 10/29/2020

Instructions

This Facility/Office Site Inspection Checklist may not be all-inclusive. Carefully review each item and refer to 29 CFR 1910 – Occupational Safety and Health Administration for complete and specific laws for items that may apply to your work environment (29 CFR 1910 is the basis for the items being inspected, with Life Safety Codes also a main contributor to the inspections). LM and LMS Facility personnel are responsible for this form and the inspection process. For more on roles and responsibilities, please review the *Facility Management Plan* (LMS/POL/S05299) (FMP). Distribution requirements are noted at the end of this form, and the recipients there must be used at a minimum. Record retention is 10 years; for more information, please see the FMP.

This checklist is divided into three categories: Monthly inspections, Semiannual inspections, and Annual inspections, and they roll up dependent upon the frequency. For example, the Annual inspection includes the Semiannual inspection and the Monthly inspection.

All inspection items are based upon the Occupational Safety and Health Administration Small Business Handbook, OSHA 2209 02R 2005, unless noted otherwise in parentheses.

Review each item and check the appropriate box as required, and add comments as needed. If more space is needed for comments, then use the comment section at the end of the lists and reference the item number.

If items of concern that are not on the checklist are found, then add the item(s) in the comment section at the end of the lists. Be descriptive in the location and the finding.

For rooms that are locked, contact security (if applicable) to open the door. If not applicable, contact the LM site/office manager and the LMS facility/site lead to open if possible. If neither case is successful, then add the room number to the end of the comment section and state that the room was locked.

To describe the area(s) of inspection, please add in the “Brief Narrative of Inspection” the building name, room numbers, etc. Also, in that section, add names of all inspectors involved. To reduce complacency, at least one inspector in the group must be different than that from the prior inspection.

For the department-specific annual inspections, in that comment section, ask to see their inspection form and note the date and SME who did the annual inspection.

Upon completion of the inspection, sign as the inspector and then have the facility or site lead sign, and then post it to portal.im.doe.gov under “Field and Office Inspections.” All issues and nonconformance shall be added to work order system for tracking.

Monthly

Facilities: Office Safety		Yes	No	NA	Comments
1.	Differences of floor elevation in aisles are clearly marked and, where necessary, handrails are provided.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
2.	Floors are kept in the driest condition (as reasonably possible).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
3.	Floors, rugs, and mats are free of tripping hazards. (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
4.	Rugs are securely fastened, installed, or designed to prevent slipping or curling at their edges. (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
5.	Stairs are well lighted and free of defects or obstructions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

6.	Stairs, unless made of unpainted wood, have an antislip treatment applied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
7.	Ramps are equipped with a roughened or nonslip surface in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
8.	Doorstops are positioned so that they do not present a tripping hazard.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
9.	The tops of tall file cabinets are free of heavy materials. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
10.	File cabinets, desks, chairs, etc., are positioned so that they do not obstruct aisles or exits.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
11.	Work areas, passageways, storerooms, and service rooms are clean, orderly, and in sanitary condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
12.	Equipment is properly situated to prevent tip-over, and there are no tripping hazards, such as exposed electrical cords, present.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
13.	Are nonapproved objects covering heating or air conditioning vents? (Best Management Practice)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Fire Evacuation Plan		Yes	No	NA	Comments
14.	All exit routes are clear, unobstructed, and unlocked when building is occupied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
15.	All exits are clearly visible or the routes to reach them are well indicated so that each path to escape and a safe destination is unmistakable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
16.	Any doorway or passageway that does not provide an exit or way to reach and exit, but subject to being mistaken for an exit, is set up or marked in a way that minimizes the possibility of it being mistaken for an exit.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Fire Protection		Yes	No	NA	Comments
17.	LM/LMS-owned fire extinguishers and tags are visually inspected on a monthly basis to ensure compliance. Signage is required if fire extinguisher is not clearly visible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
18.	Landlord-owned fire extinguishers are visually inspected monthly and maintenance inspected annually. Signage is required if fire extinguisher is not visible.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
19.	All powered exit signs and emergency lights are operational.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

20.	The Fire Alarm Monitoring Panel has been checked and found to be in the normal operating mode with no alarms present.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
21.	No materials are stored within 24 inches of the ceiling for non-sprinkler areas. (NFPA 13)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
22.	No materials are stored within 18 inches of the ceiling in sprinkler areas. (NFPA 13)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
23.	No combustible materials are stored near an ignition source. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
24.	All portable heaters are Underwriters Laboratories Inc. (UL) or equivalent listed and equipped with a tip-over protection device and must have 3 feet clearance on front and sides when in use. All heaters must be plugged directly into wall receptacle and turned off when unattended. (DOE Directive)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
25.	No more than a 1-day supply of nonconsumer products of any flammable or combustible liquid is stored outside an approved flammable-liquid storage cabinet.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
26.	"No Smoking" signs are posted in areas where flammable or combustible liquids are stored.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
27.	Ground-fault circuit interrupters (GFCIs) have been provided for 120-volt equipment that is in or near wet, damp, or conductive locations (if equipment is in the reach of personnel). See monthly GFCI Inspection form if being used.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
28.	Are extension cords, power strips, or surge protectors "daisy chained"? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
29.	Are large loads (over 5 amps) other than electronics (IT items, phone) plugged into power strips or surge protectors? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
30.	Are power strips or surge protectors hanging from their cord?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
31.	Are extension cords used as a permanent power source for more than 30 days? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

32.	Live parts of electrical equipment operating at 50 volts or more are guarded against accidental contact.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
33.	Enclosures or guards are provided to prevent damage in locations where electrical equipment is exposed to physical damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
34.	Are electrical cords and cables in good condition (free of splices, frays, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
35.	Are electrical appliances Underwriter Laboratories Inc. (UL) or equivalent approved? (Applicable to LM/LMS-owned, leased, and personal items)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
36.	Are electric fans provided with guards of not over ½ inch preventing finger exposures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
37.	All cabinets used to store flammable liquids are distinctly labeled "Flammable—Keep Fire Away."	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Semiannual (perform these plus the monthly)					
Emergency Management: Administrative		Yes	No	NA	Comments
38.	Emergency Contact List out of date. (Emergency Management)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Industrial Hygiene		Yes	No	NA	Comments
39.	Compressed gas cylinders are upright and secured. (29 CFR 1910.101)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
40.	Flammable gas cylinders (i.e., having a "3" or "4" in the red section of the NFPA label) are not stored near oxidizing gas cylinders (i.e., having an "OX" in the white section of the NFPA label). (29 CFR 1910.101)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
41.	Compressed gas cylinders are labeled to reflect contents. (29 CFR 1910.101, 29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
42.	All chemical containers are labeled to indicate the contents. (29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
43.	Incompatible materials are segregated (i.e., acids separated from bases). (29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
44.	Safety data sheets (SDS) for chemicals stored in work areas are readily accessible (either electronic or hard copies). (29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
45.	Chemical spill response kits are available and stocked.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

Safety and Health		Yes	No	NA	Comments
46.	Automated external defibrillators (AED) are routinely inspected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
47.	Supplies in first aid kits are current and within their expiration dates.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
48.	Is sufficient access and working space provided and maintained about all electrical equipment to permit ready and safe operations and maintenance? (This space is 3 feet for less than 600 volts and 4 feet for more than 600 volts).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Building Exterior		Yes	No	NA	Comments
49.	Are sidewalks clear of obstacles? (Best Management Practice for Slips, Trips and Falls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
50.	Are trees and shrubs clear of dead falling branches or limbs? (Best Management Practice)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
51.	Exterior gates working properly. (Best Management Practice)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
52.	Exterior lighting operational.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Material Storage		Yes	No	NA	Comments
53.	Are storage racks and shelving capable of supporting the intended load, and are materials stored safely?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
54.	Are office items stored in a stable manner, not capable of falling?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
55.	Do all electrical switches and receptacles appear to be in good repair?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
56.	Breaker and conduit knockout covers missing, buss work accessible, shock hazard present.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
57.	Do circuits appear to be overloaded?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Annual					
Administrative		Yes	No	NA	Comments
58.	Building address or identification clearly visible. (Authority Having Jurisdiction)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

59.	Conference room occupancy not marked or incorrect.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Office Safety		Yes	No	NA	Comments
60.	Are standard guardrails provided wherever aisle or walkway surfaces are elevated more than 48 inches above any adjacent floor or the ground?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Emergency Management		Yes	No	NA	Comments
61.	Assembly areas are located a safe distance from the building and where firefighting equipment access will not be impaired. (Occupant Emergency Plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
62.	Fire drills are held periodically, at least annually. (Emergency Management)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
63.	Provisions for the evacuation of handicapped personnel were considered when developing evacuation plans. (Occupant Emergency Plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
64.	Building wardens and alternates know their responsibilities. (Occupant Emergency Plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
65.	Evacuation and accountability plan trained and posted. (Occupant Emergency Plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities		Yes	No	NA	Comments
66.	Eyewash stations are tested annually.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
67.	Smoking areas adequately distant from facilities and provided with butt receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
68.	LM/LMS-owned fire extinguishers are subjected to an annual maintenance inspection. Verify on tag.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Industrial Hygiene		Yes	No	NA	Comments
69.	NFPA 704 or HazCom labeling present and legible on buildings, doors, and tanks where hazardous materials are stored. (29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
70.	Annual evaluation of confined spaces completed. (29 CFR 1910.146)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Safety and Health		Yes	No	NA	Comments
71.	"Contractor Worker Safety and Health" poster is displayed conspicuously in each occupied building.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

72.	OSHA's Form 300A is displayed conspicuously from February 1 to April 30 in each occupied building.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
73.	Electrical panels are secured.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
74.	Electrical circuits identified at LM/LMS-owned sites.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
75.	Generic Arc Flash label installed on electrical equipment. (NFPA 70E)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Department Inspections		Yes	No	NA	Comments
76.	Grand Junction, CO, Environmental Sciences Laboratory annual inspection (LMS/PLN/S04615).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
77.	Fernald, OH, Delta Building Sample Preparation Area and Converted Advanced Wastewater Treatment Facility (CAWWT) Laboratory annual inspection (LMS/FER/S03684).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
78.	Westminster, CO, Chemical Management Plan annual inspection (LMS/RFS/S04688).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments

Brief Narrative of Inspection

Inspection of the Monticello Site Office Building and the Groundwater Transfer Building by Bill Cary.

Comments (all issues and nonconformance shall be added to the work order system for tracking)

LMS inspector: Bill Cary Name William E. Cary Digitally signed by William E. Cary Date: 2020.10.29 08:17:18 -06'00' Signature

Facility/Site: Stephen Pitton Name STEPHEN PITTON (Affiliate) Digitally signed by STEPHEN PITTON (Affiliate) Date: 2020.12.30 16:13:52 -07'00' Signature

Distribution List: Fernald-Dave Hinaman, Grand Junction-Brian Coonts, Morgantown-Bill McDilda, Weldon Springs-Randy Thompson, Westminster-Rob Jones



Contractor to the U.S. Department of Energy Office of Legacy Management

Monthly Pond 4 Surveillance Checklist

Level of water in Pond 4 6.33

Inspection Item	Acceptable		Comments and Recommendation
	Yes	No	
Condition of:			
Fences, gates, and locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Signs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visible piping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visible liner and anchors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Rescue equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat remains at the pond.
Evidence of erosion of:			
Top of Pond 4 berm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pond 4 sideslopes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ditches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Surrounding area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Seepage from Pond 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Overtopping of Pond 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Evidence of:			
Vandalism	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Intrusion by wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Intrusion by humans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Accumulation of trash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Additional comments: Things appear to be in good condition.

Monticello LM Representative: Gary L. McKinnon Digitally signed by Gary L. McKinnon Date: 2020.11.30 09:30:00 -07'00' Date: 11/30/2020



Repository Area Surveillance Checklist

Monthly surveillance Quarterly surveillance: February May August November
 Storm event triggered surveillance due to _____ inches of rainfall over the past 24 hours.

Inspection Item	Acceptable		Comments and Recommendation
	Yes	No	
Condition of:			
Fences, gates, and locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Roads ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Signs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Site monuments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Drainage ditches ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Manholes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Evidence of erosion of:			
Top of disposal cell ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Disposal cell sideslopes ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Ditches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Surrounding area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Evidence of:			
Vandalism	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Intrusion by livestock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Burrowing animal damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Intrusion by humans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Accumulation of trash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Additional Quarterly Surveillance Requirements

Note: All transects, shown in Figure 3-1, must be walked during this inspection.

Condition of:			
Settlement plate structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Manholes ^b	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Sediment ponds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Evidence of:			
Structural instability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Additional comments: The repository appears to be in good condition.

Signature: Gary L. McKinnon Digitally signed by Gary L. McKinnon Date: 2020.11.30 08:17:34 -07'00' Date: 11/30/2020
Monticello LM Representative

^aInspections required following a significant storm event
^bOpen to inspect quarterly

MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2020

NAME: Monticello Office CITY: Blanding STATE: Utah
 ELEV: 7070 ft LAT: 37° 54' 00" N LONG: 109° 18' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	49.3	63.2	3:30p	36.0	7:00a	15.7	0.0	0.00	5.9	21.0	11:30a	WSW
2	43.5	49.6	8:00a	40.1	7:30a	7.2	0.0	0.00	3.4	8.0	1:00a	SW
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												

	46.4	63.2	1	36.0	1	22.9	0.0	0.00	4.7	21.0	1	WSW

Weather station had an unknown error for retrieving weather data from 11/3 to 11/30. Weather station vendor was called and could not retrieve data either. Normal operation was resumed 12/1. No abnormal precipitation events or weather shifts occurred during this period.

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 0.00 ON 11/01/20
 Days of Rain: 0 (>.01 in) 0 (>.1 in) 0 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration



Monticello Long-Term Surveillance and Maintenance Temporary Storage Facility (TSF) Record Book Inspection Report

Are these areas acceptable?

Yes No

- Was the gate locked upon arrival?
- Are signs posted in accordance with 10 CFR 835.602[a]?
- Are all postings legible?
- Are enclosures on the concrete bin and stored drum containers tight?
- Are containers in good physical condition (no rust, no holes, no bulges, etc.)?
- How much radiologically-contaminated material is in the concrete bin? *Note: the material should be shipped when the volume in storage approaches 75 percent of the storage capacity.*
- Is the surface area of the TSF in good physical condition (no erosion, no flood damage, no excessive vegetation growth, etc.)?
- Has radiological monitoring been conducted in accordance with 10 CFR 835.405[d]?
- Is the security fence in good condition?

Comments:

There is no radiologically contaminated material in the concrete bin.

Signature of Monticello LM Representative

11/24/2020

Date of Inspection



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

Site: Monticello, Utah **Building Number:** Office and Groundwater Buildings **Date:** 11/30/2020

Instructions

This Facility/Office Site Inspection Checklist may not be all-inclusive. Carefully review each item and refer to 29 CFR 1910 – Occupational Safety and Health Administration for complete and specific laws for items that may apply to your work environment (29 CFR 1910 is the basis for the items being inspected, with Life Safety Codes also a main contributor to the inspections). LM and LMS Facility personnel are responsible for this form and the inspection process. For more on roles and responsibilities, please review the *Facility Management Plan* (LMS/POL/S05299) (FMP). Distribution requirements are noted at the end of this form, and the recipients there must be used at a minimum. Record retention is 10 years; for more information, please see the FMP.

This checklist is divided into three categories: Monthly inspections, Semiannual inspections, and Annual inspections, and they roll up dependent upon the frequency. For example, the Annual inspection includes the Semiannual inspection and the Monthly inspection.

All inspection items are based upon the Occupational Safety and Health Administration Small Business Handbook, OSHA 2209 02R 2005, unless noted otherwise in parentheses.

Review each item and check the appropriate box as required, and add comments as needed. If more space is needed for comments, then use the comment section at the end of the lists and reference the item number.

If items of concern that are not on the checklist are found, then add the item(s) in the comment section at the end of the lists. Be descriptive in the location and the finding.

For rooms that are locked, contact security (if applicable) to open the door. If not applicable, contact the LM site/office manager and the LMS facility/site lead to open if possible. If neither case is successful, then add the room number to the end of the comment section and state that the room was locked.

To describe the area(s) of inspection, please add in the “Brief Narrative of Inspection” the building name, room numbers, etc. Also, in that section, add names of all inspectors involved. To reduce complacency, at least one inspector in the group must be different than that from the prior inspection.

For the department-specific annual inspections, in that comment section, ask to see their inspection form and note the date and SME who did the annual inspection.

Upon completion of the inspection, sign as the inspector and then have the facility or site lead sign, and then post it to portal.im.doe.gov under “Field and Office Inspections.” All issues and nonconformance shall be added to work order system for tracking.

Monthly

Facilities: Office Safety		Yes	No	NA	Comments
1.	Differences of floor elevation in aisles are clearly marked and, where necessary, handrails are provided.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
2.	Floors are kept in the driest condition (as reasonably possible).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
3.	Floors, rugs, and mats are free of tripping hazards. (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
4.	Rugs are securely fastened, installed, or designed to prevent slipping or curling at their edges. (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
5.	Stairs are well lighted and free of defects or obstructions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

6.	Stairs, unless made of unpainted wood, have an antislip treatment applied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
7.	Ramps are equipped with a roughened or nonslip surface in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
8.	Doorstops are positioned so that they do not present a tripping hazard.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
9.	The tops of tall file cabinets are free of heavy materials. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
10.	File cabinets, desks, chairs, etc., are positioned so that they do not obstruct aisles or exits.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
11.	Work areas, passageways, storerooms, and service rooms are clean, orderly, and in sanitary condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
12.	Equipment is properly situated to prevent tip-over, and there are no tripping hazards, such as exposed electrical cords, present.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
13.	Are nonapproved objects covering heating or air conditioning vents? (Best Management Practice)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Fire Evacuation Plan		Yes	No	NA	Comments
14.	All exit routes are clear, unobstructed, and unlocked when building is occupied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
15.	All exits are clearly visible or the routes to reach them are well indicated so that each path to escape and a safe destination is unmistakable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
16.	Any doorway or passageway that does not provide an exit or way to reach and exit, but subject to being mistaken for an exit, is set up or marked in a way that minimizes the possibility of it being mistaken for an exit.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Fire Protection		Yes	No	NA	Comments
17.	LM/LMS-owned fire extinguishers and tags are visually inspected on a monthly basis to ensure compliance. Signage is required if fire extinguisher is not clearly visible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
18.	Landlord-owned fire extinguishers are visually inspected monthly and maintenance inspected annually. Signage is required if fire extinguisher is not visible.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
19.	All powered exit signs and emergency lights are operational.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

20.	The Fire Alarm Monitoring Panel has been checked and found to be in the normal operating mode with no alarms present.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
21.	No materials are stored within 24 inches of the ceiling for non-sprinkler areas. (NFPA 13)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
22.	No materials are stored within 18 inches of the ceiling in sprinkler areas. (NFPA 13)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
23.	No combustible materials are stored near an ignition source. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
24.	All portable heaters are Underwriters Laboratories Inc. (UL) or equivalent listed and equipped with a tip-over protection device and must have 3 feet clearance on front and sides when in use. All heaters must be plugged directly into wall receptacle and turned off when unattended. (DOE Directive)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
25.	No more than a 1-day supply of nonconsumer products of any flammable or combustible liquid is stored outside an approved flammable-liquid storage cabinet.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
26.	"No Smoking" signs are posted in areas where flammable or combustible liquids are stored.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
27.	Ground-fault circuit interrupters (GFCIs) have been provided for 120-volt equipment that is in or near wet, damp, or conductive locations (if equipment is in the reach of personnel). See monthly GFCI Inspection form if being used.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
28.	Are extension cords, power strips, or surge protectors "daisy chained"? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
29.	Are large loads (over 5 amps) other than electronics (IT items, phone) plugged into power strips or surge protectors? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
30.	Are power strips or surge protectors hanging from their cord?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
31.	Are extension cords used as a permanent power source for more than 30 days? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

32.	Live parts of electrical equipment operating at 50 volts or more are guarded against accidental contact.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
33.	Enclosures or guards are provided to prevent damage in locations where electrical equipment is exposed to physical damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
34.	Are electrical cords and cables in good condition (free or splices, frays, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
35.	Are electrical appliances Underwriter Laboratories Inc. (UL) or equivalent approved? (Applicable to LM/LMS-owned, leased, and personal items)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
36.	Are electric fans provided with guards of not over ½ inch preventing finger exposures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
37.	All cabinets used to store flammable liquids are distinctly labeled “Flammable—Keep Fire Away.”	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Semiannual (perform these plus the monthly)					
Emergency Management: Administrative		Yes	No	NA	Comments
38.	Emergency Contact List out of date. (Emergency Management)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Industrial Hygiene		Yes	No	NA	Comments
39.	Compressed gas cylinders are upright and secured. (29 CFR 1910.101)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
40.	Flammable gas cylinders (i.e., having a “3” or “4” in the red section of the NFPA label) are not stored near oxidizing gas cylinders (i.e., having an “OX” in the white section of the NFPA label). (29 CFR 1910.101)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
41.	Compressed gas cylinders are labeled to reflect contents. (29 CFR 1910.101, 29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
42.	All chemical containers are labeled to indicate the contents. (29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
43.	Incompatible materials are segregated (i.e., acids separated from bases). (29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
44.	Safety data sheets (SDS) for chemicals stored in work areas are readily accessible (either electronic or hard copies). (29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
45.	Chemical spill response kits are available and stocked.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

Safety and Health		Yes	No	NA	Comments
46.	Automated external defibrillators (AED) are routinely inspected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
47.	Supplies in first aid kits are current and within their expiration dates.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
48.	Is sufficient access and working space provided and maintained about all electrical equipment to permit ready and safe operations and maintenance? (This space is 3 feet for less than 600 volts and 4 feet for more than 600 volts).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Building Exterior		Yes	No	NA	Comments
49.	Are sidewalks clear of obstacles? (Best Management Practice for Slips, Trips and Falls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
50.	Are trees and shrubs clear of dead falling branches or limbs? (Best Management Practice)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
51.	Exterior gates working properly. (Best Management Practice)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
52.	Exterior lighting operational.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Material Storage		Yes	No	NA	Comments
53.	Are storage racks and shelving capable of supporting the intended load, and are materials stored safely?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
54.	Are office items stored in a stable manner, not capable of falling?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
55.	Do all electrical switches and receptacles appear to be in good repair?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
56.	Breaker and conduit knockout covers missing, buss work accessible, shock hazard present.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
57.	Do circuits appear to be overloaded?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Annual					
Administrative		Yes	No	NA	Comments
58.	Building address or identification clearly visible. (Authority Having Jurisdiction)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

59.	Conference room occupancy not marked or incorrect.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Office Safety		Yes	No	NA	Comments
60.	Are standard guardrails provided wherever aisle or walkway surfaces are elevated more than 48 inches above any adjacent floor or the ground?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Emergency Management		Yes	No	NA	Comments
61.	Assembly areas are located a safe distance from the building and where firefighting equipment access will not be impaired. (Occupant Emergency Plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
62.	Fire drills are held periodically, at least annually. (Emergency Management)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
63.	Provisions for the evacuation of handicapped personnel were considered when developing evacuation plans. (Occupant Emergency Plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
64.	Building wardens and alternates know their responsibilities. (Occupant Emergency Plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
65.	Evacuation and accountability plan trained and posted. (Occupant Emergency Plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities		Yes	No	NA	Comments
66.	Eyewash stations are tested annually.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
67.	Smoking areas adequately distant from facilities and provided with butt receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
68.	LM/LMS-owned fire extinguishers are subjected to an annual maintenance inspection. Verify on tag.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Industrial Hygiene		Yes	No	NA	Comments
69.	NFPA 704 or HazCom labeling present and legible on buildings, doors, and tanks where hazardous materials are stored. (29 CFR 1910.1200)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
70.	Annual evaluation of confined spaces completed. (29 CFR 1910.146)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Safety and Health		Yes	No	NA	Comments
71.	"Contractor Worker Safety and Health" poster is displayed conspicuously in each occupied building.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

72.	OSHA's Form 300A is displayed conspicuously from February 1 to April 30 in each occupied building.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
73.	Electrical panels are secured.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
74.	Electrical circuits identified at LM/LMS-owned sites.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
75.	Generic Arc Flash label installed on electrical equipment. (NFPA 70E)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Department Inspections		Yes	No	NA	Comments
76.	Grand Junction, CO, Environmental Sciences Laboratory annual inspection (LMS/PLN/S04615).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
77.	Fernald, OH, Delta Building Sample Preparation Area and Converted Advanced Wastewater Treatment Facility (CAWWT) Laboratory annual inspection (LMS/FER/S03684).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
78.	Westminster, CO, Chemical Management Plan annual inspection (LMS/RFS/S04688).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments

Brief Narrative of Inspection

Inspection of the Monticello Site Office Building and the Groundwater Transfer Building by Gary McKinnon

Comments (all issues and nonconformance shall be added to the work order system for tracking)

Enter text

LMS inspector:

Gary McKinnon

Name

Gary L. McKinnon

Signature

Digitally signed by Gary L. McKinnon
Date: 2020.11.30 12:01:39 -07'00'

Facility/Site:

Stephen Pitton

Name

STEPHEN PITTON (Affiliate)

Signature

Digitally signed by STEPHEN PITTON (Affiliate)
Date: 2020.12.30 16:28:36 -07'00'

Distribution List: Fernald-Dave Hinaman, Grand Junction-Brian Coonts, Morgantown-Bill McDilda, Weldon Springs-Randy Thompson, Westminster-Rob Jones



Contractor to the U.S. Department of Energy Office of Legacy Management

Monthly Pond 4 Surveillance Checklist

Level of water in Pond 4 6.63

Inspection Item	Acceptable		Comments and Recommendation
	Yes	No	
Condition of:			
Fences, gates, and locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Signs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visible piping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visible liner and anchors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Rescue equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat remains at the pond.
Evidence of erosion of:			
Top of Pond 4 berm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pond 4 sideslopes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ditches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Surrounding area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Seepage from Pond 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Overtopping of Pond 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Evidence of:			
Vandalism	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Intrusion by wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Intrusion by humans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Accumulation of trash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Additional comments: The pond is frozen over with a few inches of snow on the ground but things appear to be in good condition.

Monticello LM Representative: Gary L. McKinnon

Digitally signed by Gary L. McKinnon
Date: 2020.12.30 11:20:28 -07'00'

Date: 12/30/2020



Contractor to the U.S. Department of Energy Office of Legacy Management

Repository Area Surveillance Checklist

- Monthly surveillance Quarterly surveillance: February May August November
- Storm event triggered surveillance due to _____ inches of rainfall over the past 24 hours.

Inspection Item	Acceptable		Comments and Recommendation
	Yes	No	
Condition of:			
Fences, gates, and locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Roads ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Signs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Site monuments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Drainage ditches ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Manholes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Evidence of erosion of:			
Top of disposal cell ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Disposal cell sideslopes ^a	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Ditches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Surrounding area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Evidence of:			
Vandalism	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Intrusion by livestock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Burrowing animal damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Intrusion by humans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Accumulation of trash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Additional Quarterly Surveillance Requirements

Note: All transects, shown in Figure 3-1, must be walked during this inspection.

Condition of:			
Settlement plate structures	<input type="checkbox"/>	<input type="checkbox"/>	_____
Manholes ^b	<input type="checkbox"/>	<input type="checkbox"/>	_____
Sediment ponds	<input type="checkbox"/>	<input type="checkbox"/>	_____
Evidence of:			
Structural instability	<input type="checkbox"/>	<input type="checkbox"/>	_____

Additional comments: The repository is covered with a few inches of snow but appears to be in good condition.

Signature: Gary L. McKinnon Digitally signed by Gary L. McKinnon
Date: 2020.12.30 11:24:19 -07'00' Date: 12/30/2020
 Monticello LM Representative

^aInspections required following a significant storm event

^bOpen to inspect quarterly

MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2020

NAME: Monticello Office CITY: Blanding STATE: Utah
 ELEV: 7070 ft LAT: 37° 54' 00" N LONG: 109° 18' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	26.4	33.3	3:30p	21.4	12:00m	14.5	0.0	0.00	11.2	27.0	4:30p	NW
2	25.2	32.5	2:00p	18.1	2:00a	39.8	0.0	0.00	11.7	24.0	8:30p	NW
3	30.5	41.6	2:00p	17.8	4:30a	34.5	0.0	0.00	8.3	21.0	6:30a	NW
4	32.3	49.1	3:00p	17.7	4:30a	32.7	0.0	0.00	3.7	17.0	11:00a	NNW
5	37.1	52.4	2:00p	26.9	2:00a	27.9	0.0	0.00	4.5	13.0	12:30p	W
6	37.7	51.9	1:30p	24.9	6:00a	27.3	0.0	0.00	5.0	15.0	2:30p	W
7	36.9	50.0	1:00p	28.5	3:00a	28.1	0.0	0.00	4.3	12.0	2:00p	W
8	38.7	55.6	2:30p	29.4	6:30a	26.3	0.0	0.00	3.7	10.0	12:30p	W
9	36.1	51.5	3:30p	24.6	6:00a	28.9	0.0	0.00	3.9	15.0	2:00p	SSW
10	33.3	40.6	5:00a	25.0	10:30p	31.7	0.0	0.00	3.1	15.0	4:00a	S
11	26.6	34.0	3:30p	15.8	10:00p	38.4	0.0	0.07	5.3	23.0	1:30p	WNW
12	22.9	26.9	2:00a	16.4	12:00m	42.1	0.0	0.00	14.1	36.0	3:30p	NW
13	19.4	32.0	3:00p	14.1	7:30a	45.6	0.0	0.02	11.5	37.0	3:00a	NW
14	22.3	27.4	1:30p	18.5	6:30p	42.7	0.0	0.00	10.8	29.0	1:00a	NW
15	21.7	27.8	1:00p	15.5	8:30p	43.3	0.0	0.00	13.8	36.0	5:30a	NW
16	23.2	33.4	3:00p	12.4	7:30a	41.8	0.0	0.00	4.6	17.0	1:00p	NW
17	25.8	32.1	9:30p	17.0	3:00a	39.2	0.0	0.00	8.5	24.0	8:30a	SSE
18	26.6	33.5	3:00p	19.8	6:00a	38.4	0.0	0.00	7.9	24.0	11:00a	NW
19	25.6	38.1	3:30p	16.3	6:00a	39.4	0.0	0.00	3.2	10.0	1:00a	WSW
20	28.3	43.5	2:00p	14.3	1:30a	36.7	0.0	0.00	3.7	17.0	2:00p	WNW
21	34.8	47.2	2:30p	24.5	2:00a	30.2	0.0	0.00	2.3	10.0	1:00p	W
22	32.0	41.4	3:30p	21.9	12:00m	33.0	0.0	0.00	12.9	43.0	10:30p	S
23	19.8	24.7	2:00p	13.7	11:30p	45.2	0.0	0.00	13.9	40.0	12:30a	NW
24	23.0	33.0	1:00p	10.9	3:30a	42.0	0.0	0.00	5.4	15.0	12:30p	NNW
25	25.2	39.4	2:30p	14.9	12:30a	39.8	0.0	0.00	3.4	16.0	11:30a	SW
26	26.7	37.8	3:00p	17.6	7:00a	38.3	0.0	0.00	7.0	26.0	1:00p	W
27	28.0	34.4	12:00p	21.5	6:00a	37.0	0.0	0.00	5.4	16.0	1:30a	WNW
28	30.6	35.6	3:00p	24.3	12:00m	34.4	0.0	0.07	7.2	21.0	11:00p	S
29	22.8	29.9	9:30a	13.3	7:00a	42.2	0.0	0.01	8.0	24.0	4:30a	NW
30	23.0	33.0	2:30p	16.9	12:00m	42.0	0.0	0.00	6.2	19.0	9:00a	NNW
31	23.8	30.5	2:00p	15.3	2:00a	41.2	0.0	0.00	6.9	28.0	8:00p	WSW
	27.9	55.6	8	10.9	24	1124.6	0.0	0.17	7.1	43.0	22	NW

Max >= 90.0: 0

Max <= 32.0: 7

Min <= 32.0: 31

Min <= 0.0: 0

Max Rain: 0.07 ON 12/11/20

Days of Rain: 3 (>.01 in) 0 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

Site: Monticello, Utah Building Number: Office and Groundwater Buildings Date: 12/31/2020

Instructions

This Facility/Office Site Inspection Checklist may not be all-inclusive. Carefully review each item and refer to 29 CFR 1910 – Occupational Safety and Health Administration for complete and specific laws for items that may apply to your work environment (29 CFR 1910 is the basis for the items being inspected, with Life Safety Codes also a main contributor to the inspections). LM and LMS Facility personnel are responsible for this form and the inspection process. For more on roles and responsibilities, please review the *Facility Management Plan* (LMS/POL/S05299) (FMP). Distribution requirements are noted at the end of this form, and the recipients there must be used at a minimum. Record retention is 10 years; for more information, please see the FMP.

This checklist is divided into three categories: Monthly inspections, Semiannual inspections, and Annual inspections, and they roll up dependent upon the frequency. For example, the Annual inspection includes the Semiannual inspection and the Monthly inspection.

All inspection items are based upon the Occupational Safety and Health Administration Small Business Handbook, OSHA 2209 02R 2005, unless noted otherwise in parentheses.

Review each item and check the appropriate box as required, and add comments as needed. If more space is needed for comments, then use the comment section at the end of the lists and reference the item number.

If items of concern that are not on the checklist are found, then add the item(s) in the comment section at the end of the lists. Be descriptive in the location and the finding.

For rooms that are locked, contact security (if applicable) to open the door. If not applicable, contact the LM site/office manager and the LMS facility/site lead to open if possible. If neither case is successful, then add the room number to the end of the comment section and state that the room was locked.

To describe the area(s) of inspection, please add in the “Brief Narrative of Inspection” the building name, room numbers, etc. Also, in that section, add names of all inspectors involved. To reduce complacency, at least one inspector in the group must be different than that from the prior inspection.

For the department-specific annual inspections, in that comment section, ask to see their inspection form and note the date and SME who did the annual inspection.

Upon completion of the inspection, sign as the inspector and then have the facility or site lead sign, and then post it to portal.im.doe.gov under “Field and Office Inspections.” All issues and nonconformance shall be added to work order system for tracking.

Monthly

Facilities: Office Safety		Yes	No	NA	Comments
1.	Differences of floor elevation in aisles are clearly marked and, where necessary, handrails are provided.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
2.	Floors are kept in the driest condition (as reasonably possible).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
3.	Floors, rugs, and mats are free of tripping hazards. (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
4.	Rugs are securely fastened, installed, or designed to prevent slipping or curling at their edges. (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
5.	Stairs are well lighted and free of defects or obstructions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

6.	Stairs, unless made of unpainted wood, have an antislip treatment applied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
7.	Ramps are equipped with a roughened or nonslip surface in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
8.	Doorstops are positioned so that they do not present a tripping hazard.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
9.	The tops of tall file cabinets are free of heavy materials. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
10.	File cabinets, desks, chairs, etc., are positioned so that they do not obstruct aisles or exits.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
11.	Work areas, passageways, storerooms, and service rooms are clean, orderly, and in sanitary condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
12.	Equipment is properly situated to prevent tip-over, and there are no tripping hazards, such as exposed electrical cords, present.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
13.	Are nonapproved objects covering heating or air conditioning vents? (Best Management Practice)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Fire Evacuation Plan		Yes	No	NA	Comments
14.	All exit routes are clear, unobstructed, and unlocked when building is occupied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
15.	All exits are clearly visible or the routes to reach them are well indicated so that each path to escape and a safe destination is unmistakable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
16.	Any doorway or passageway that does not provide an exit or way to reach and exit, but subject to being mistaken for an exit, is set up or marked in a way that minimizes the possibility of it being mistaken for an exit.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Fire Protection		Yes	No	NA	Comments
17.	LM/LMS-owned fire extinguishers and tags are visually inspected on a monthly basis to ensure compliance. Signage is required if fire extinguisher is not clearly visible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
18.	Landlord-owned fire extinguishers are visually inspected monthly and maintenance inspected annually. Signage is required if fire extinguisher is not visible.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
19.	All powered exit signs and emergency lights are operational.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

20.	The Fire Alarm Monitoring Panel has been checked and found to be in the normal operating mode with no alarms present.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
21.	No materials are stored within 24 inches of the ceiling for non-sprinkler areas. (NFPA 13)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
22.	No materials are stored within 18 inches of the ceiling in sprinkler areas. (NFPA 13)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
23.	No combustible materials are stored near an ignition source. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
24.	All portable heaters are Underwriters Laboratories Inc. (UL) or equivalent listed and equipped with a tip-over protection device and must have 3 feet clearance on front and sides when in use. All heaters must be plugged directly into wall receptacle and turned off when unattended. (DOE Directive)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
25.	No more than a 1-day supply of nonconsumer products of any flammable or combustible liquid is stored outside an approved flammable-liquid storage cabinet.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
26.	"No Smoking" signs are posted in areas where flammable or combustible liquids are stored.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
27.	Ground-fault circuit interrupters (GFCIs) have been provided for 120-volt equipment that is in or near wet, damp, or conductive locations (if equipment is in the reach of personnel). See monthly GFCI Inspection form if being used.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
28.	Are extension cords, power strips, or surge protectors "daisy chained"? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
29.	Are large loads (over 5 amps) other than electronics (IT items, phone) plugged into power strips or surge protectors? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
30.	Are power strips or surge protectors hanging from their cord?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
31.	Are extension cords used as a permanent power source for more than 30 days? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

32.	Live parts of electrical equipment operating at 50 volts or more are guarded against accidental contact.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
33.	Enclosures or guards are provided to prevent damage in locations where electrical equipment is exposed to physical damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
34.	Are electrical cords and cables in good condition (free or splices, frays, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
35.	Are electrical appliances Underwriter Laboratories Inc. (UL) or equivalent approved? (Applicable to LM/LMS-owned, leased, and personal items)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
36.	Are electric fans provided with guards of not over ½ inch preventing finger exposures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
37.	All cabinets used to store flammable liquids are distinctly labeled "Flammable—Keep Fire Away."	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Semiannual (perform these plus the monthly)					
Emergency Management: Administrative		Yes	No	NA	Comments
38.	Emergency Contact List out of date. (Emergency Management)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
Industrial Hygiene		Yes	No	NA	Comments
39.	Compressed gas cylinders are upright and secured. (29 CFR 1910.101)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
40.	Flammable gas cylinders (i.e., having a "3" or "4" in the red section of the NFPA label) are not stored near oxidizing gas cylinders (i.e., having an "OX" in the white section of the NFPA label). (29 CFR 1910.101)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
41.	Compressed gas cylinders are labeled to reflect contents. (29 CFR 1910.101, 29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
42.	All chemical containers are labeled to indicate the contents. (29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
43.	Incompatible materials are segregated (i.e., acids separated from bases). (29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
44.	Safety data sheets (SDS) for chemicals stored in work areas are readily accessible (either electronic or hard copies). (29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
45.	Chemical spill response kits are available and stocked.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

Safety and Health		Yes	No	NA	Comments
46.	Automated external defibrillators (AED) are routinely inspected.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
47.	Supplies in first aid kits are current and within their expiration dates.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
48.	Is sufficient access and working space provided and maintained about all electrical equipment to permit ready and safe operations and maintenance? (This space is 3 feet for less than 600 volts and 4 feet for more than 600 volts).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Building Exterior		Yes	No	NA	Comments
49.	Are sidewalks clear of obstacles? (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
50.	Are trees and shrubs clear of dead falling branches or limbs? (Best Management Practice)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
51.	Exterior gates working properly. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
52.	Exterior lighting operational.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Material Storage		Yes	No	NA	Comments
53.	Are storage racks and shelving capable of supporting the intended load, and are materials stored safely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
54.	Are office items stored in a stable manner, not capable of falling?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
55.	Do all electrical switches and receptacles appear to be in good repair?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
56.	Breaker and conduit knockout covers missing, buss work accessible, shock hazard present.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
57.	Do circuits appear to be overloaded?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
Annual					
Administrative		Yes	No	NA	Comments
58.	Building address or identification clearly visible. (Authority Having Jurisdiction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

59.	Conference room occupancy not marked or incorrect.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
Facilities: Office Safety		Yes	No	NA	Comments
60.	Are standard guardrails provided wherever aisle or walkway surfaces are elevated more than 48 inches above any adjacent floor or the ground?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Emergency Management		Yes	No	NA	Comments
61.	Assembly areas are located a safe distance from the building and where firefighting equipment access will not be impaired. (Occupant Emergency Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
62.	Fire drills are held periodically, at least annually. (Emergency Management)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
63.	Provisions for the evacuation of handicapped personnel were considered when developing evacuation plans. (Occupant Emergency Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
64.	Building wardens and alternates know their responsibilities. (Occupant Emergency Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
65.	Evacuation and accountability plan trained and posted. (Occupant Emergency Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities		Yes	No	NA	Comments
66.	Eyewash stations are tested annually.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
67.	Smoking areas adequately distant from facilities and provided with butt receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
68.	LM/LMS-owned fire extinguishers are subjected to an annual maintenance inspection. Verify on tag.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Industrial Hygiene		Yes	No	NA	Comments
69.	NFPA 704 or HazCom labeling present and legible on buildings, doors, and tanks where hazardous materials are stored. (29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
70.	Annual evaluation of confined spaces completed. (29 CFR 1910.146)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Safety and Health		Yes	No	NA	Comments
71.	"Contractor Worker Safety and Health" poster is displayed conspicuously in each occupied building.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

72.	OSHA's Form 300A is displayed conspicuously from February 1 to April 30 in each occupied building.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
73.	Electrical panels are secured.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
74.	Electrical circuits identified at LM/LMS-owned sites.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
75.	Generic Arc Flash label installed on electrical equipment. (NFPA 70E)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Department Inspections		Yes	No	NA	Comments
76.	Grand Junction, CO, Environmental Sciences Laboratory annual inspection (LMS/PLN/S04615).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
77.	Fernald, OH, Delta Building Sample Preparation Area and Converted Advanced Wastewater Treatment Facility (CAWWT) Laboratory annual inspection (LMS/FER/S03684).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
78.	Westminster, CO, Chemical Management Plan annual inspection (LMS/RFS/S04688).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments

Brief Narrative of Inspection

Inspection of the Monticello Site Office Building and the Groundwater Transfer Building by Bill Cary.

Comments (all issues and nonconformance shall be added to the work order system for tracking)

LMS inspector: Bill Cary Name William E. Cary Digitally signed by William E. Cary Date: 2020.12.30 14:07:21 -07'00' Signature

Facility/Site: Stephen Pitton Name STEPHEN PITTON (Affiliate) Digitally signed by STEPHEN PITTON (Affiliate) Date: 2021.01.04 07:23:07 -07'00' Signature

Distribution List: Fernald-Dave Hinaman, Grand Junction-Brian Coonts, Morgantown-Bill McDilda, Weldon Springs-Randy Thompson, Westminster-Rob Jones



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

Site: Monticello, Utah **Building Number:** Office and Groundwater Buildings **Date:** 12/31/2020

Instructions

This Facility/Office Site Inspection Checklist may not be all-inclusive. Carefully review each item and refer to 29 CFR 1910 – Occupational Safety and Health Administration for complete and specific laws for items that may apply to your work environment (29 CFR 1910 is the basis for the items being inspected, with Life Safety Codes also a main contributor to the inspections). LM and LMS Facility personnel are responsible for this form and the inspection process. For more on roles and responsibilities, please review the *Facility Management Plan* (LMS/POL/S05299) (FMP). Distribution requirements are noted at the end of this form, and the recipients there must be used at a minimum. Record retention is 10 years; for more information, please see the FMP.

This checklist is divided into three categories: Monthly inspections, Semiannual inspections, and Annual inspections, and they roll up dependent upon the frequency. For example, the Annual inspection includes the Semiannual inspection and the Monthly inspection.

All inspection items are based upon the Occupational Safety and Health Administration Small Business Handbook, OSHA 2209 02R 2005, unless noted otherwise in parentheses.

Review each item and check the appropriate box as required, and add comments as needed. If more space is needed for comments, then use the comment section at the end of the lists and reference the item number.

If items of concern that are not on the checklist are found, then add the item(s) in the comment section at the end of the lists. Be descriptive in the location and the finding.

For rooms that are locked, contact security (if applicable) to open the door. If not applicable, contact the LM site/office manager and the LMS facility/site lead to open if possible. If neither case is successful, then add the room number to the end of the comment section and state that the room was locked.

To describe the area(s) of inspection, please add in the “Brief Narrative of Inspection” the building name, room numbers, etc. Also, in that section, add names of all inspectors involved. To reduce complacency, at least one inspector in the group must be different than that from the prior inspection.

For the department-specific annual inspections, in that comment section, ask to see their inspection form and note the date and SME who did the annual inspection.

Upon completion of the inspection, sign as the inspector and then have the facility or site lead sign, and then post it to portal.im.doe.gov under “Field and Office Inspections.” All issues and nonconformance shall be added to work order system for tracking.

Monthly

Facilities: Office Safety		Yes	No	NA	Comments
1.	Differences of floor elevation in aisles are clearly marked and, where necessary, handrails are provided.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
2.	Floors are kept in the driest condition (as reasonably possible).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
3.	Floors, rugs, and mats are free of tripping hazards. (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
4.	Rugs are securely fastened, installed, or designed to prevent slipping or curling at their edges. (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
5.	Stairs are well lighted and free of defects or obstructions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



Monthly/Semiannual/Annual Facility/Office Site Inspection Checklist

6.	Stairs, unless made of unpainted wood, have an antislip treatment applied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
7.	Ramps are equipped with a roughened or nonslip surface in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
8.	Doorstops are positioned so that they do not present a tripping hazard.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
9.	The tops of tall file cabinets are free of heavy materials. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
10.	File cabinets, desks, chairs, etc., are positioned so that they do not obstruct aisles or exits.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
11.	Work areas, passageways, storerooms, and service rooms are clean, orderly, and in sanitary condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
12.	Equipment is properly situated to prevent tip-over, and there are no tripping hazards, such as exposed electrical cords, present.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
13.	Are nonapproved objects covering heating or air conditioning vents? (Best Management Practice)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Fire Evacuation Plan		Yes	No	NA	Comments
14.	All exit routes are clear, unobstructed, and unlocked when building is occupied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
15.	All exits are clearly visible or the routes to reach them are well indicated so that each path to escape and a safe destination is unmistakable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
16.	Any doorway or passageway that does not provide an exit or way to reach and exit, but subject to being mistaken for an exit, is set up or marked in a way that minimizes the possibility of it being mistaken for an exit.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Fire Protection		Yes	No	NA	Comments
17.	LM/LMS-owned fire extinguishers and tags are visually inspected on a monthly basis to ensure compliance. Signage is required if fire extinguisher is not clearly visible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
18.	Landlord-owned fire extinguishers are visually inspected monthly and maintenance inspected annually. Signage is required if fire extinguisher is not visible.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
19.	All powered exit signs and emergency lights are operational.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



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20.	The Fire Alarm Monitoring Panel has been checked and found to be in the normal operating mode with no alarms present.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
21.	No materials are stored within 24 inches of the ceiling for non-sprinkler areas. (NFPA 13)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
22.	No materials are stored within 18 inches of the ceiling in sprinkler areas. (NFPA 13)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
23.	No combustible materials are stored near an ignition source. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
24.	All portable heaters are Underwriters Laboratories Inc. (UL) or equivalent listed and equipped with a tip-over protection device and must have 3 feet clearance on front and sides when in use. All heaters must be plugged directly into wall receptacle and turned off when unattended. (DOE Directive)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
25.	No more than a 1-day supply of nonconsumer products of any flammable or combustible liquid is stored outside an approved flammable-liquid storage cabinet.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
26.	"No Smoking" signs are posted in areas where flammable or combustible liquids are stored.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
27.	Ground-fault circuit interrupters (GFCIs) have been provided for 120-volt equipment that is in or near wet, damp, or conductive locations (if equipment is in the reach of personnel). See monthly GFCI Inspection form if being used.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
28.	Are extension cords, power strips, or surge protectors "daisy chained"? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
29.	Are large loads (over 5 amps) other than electronics (IT items, phone) plugged into power strips or surge protectors? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
30.	Are power strips or surge protectors hanging from their cord?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
31.	Are extension cords used as a permanent power source for more than 30 days? If yes, explain in comment section at the end of this form.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments



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32.	Live parts of electrical equipment operating at 50 volts or more are guarded against accidental contact.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
33.	Enclosures or guards are provided to prevent damage in locations where electrical equipment is exposed to physical damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
34.	Are electrical cords and cables in good condition (free or splices, frays, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
35.	Are electrical appliances Underwriter Laboratories Inc. (UL) or equivalent approved? (Applicable to LM/LMS-owned, leased, and personal items)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
36.	Are electric fans provided with guards of not over ½ inch preventing finger exposures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
37.	All cabinets used to store flammable liquids are distinctly labeled "Flammable—Keep Fire Away."	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Semiannual (perform these plus the monthly)					
Emergency Management: Administrative		Yes	No	NA	Comments
38.	Emergency Contact List out of date. (Emergency Management)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
Industrial Hygiene		Yes	No	NA	Comments
39.	Compressed gas cylinders are upright and secured. (29 CFR 1910.101)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
40.	Flammable gas cylinders (i.e., having a "3" or "4" in the red section of the NFPA label) are not stored near oxidizing gas cylinders (i.e., having an "OX" in the white section of the NFPA label). (29 CFR 1910.101)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
41.	Compressed gas cylinders are labeled to reflect contents. (29 CFR 1910.101, 29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
42.	All chemical containers are labeled to indicate the contents. (29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
43.	Incompatible materials are segregated (i.e., acids separated from bases). (29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
44.	Safety data sheets (SDS) for chemicals stored in work areas are readily accessible (either electronic or hard copies). (29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
45.	Chemical spill response kits are available and stocked.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



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Safety and Health		Yes	No	NA	Comments
46.	Automated external defibrillators (AED) are routinely inspected.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
47.	Supplies in first aid kits are current and within their expiration dates.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
48.	Is sufficient access and working space provided and maintained about all electrical equipment to permit ready and safe operations and maintenance? (This space is 3 feet for less than 600 volts and 4 feet for more than 600 volts).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Building Exterior		Yes	No	NA	Comments
49.	Are sidewalks clear of obstacles? (Best Management Practice for Slips, Trips and Falls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
50.	Are trees and shrubs clear of dead falling branches or limbs? (Best Management Practice)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
51.	Exterior gates working properly. (Best Management Practice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
52.	Exterior lighting operational.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Material Storage		Yes	No	NA	Comments
53.	Are storage racks and shelving capable of supporting the intended load, and are materials stored safely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
54.	Are office items stored in a stable manner, not capable of falling?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
55.	Do all electrical switches and receptacles appear to be in good repair?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
56.	Breaker and conduit knockout covers missing, buss work accessible, shock hazard present.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
57.	Do circuits appear to be overloaded?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter comments
Annual					
Administrative		Yes	No	NA	Comments
58.	Building address or identification clearly visible. (Authority Having Jurisdiction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



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59.	Conference room occupancy not marked or incorrect.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
Facilities: Office Safety		Yes	No	NA	Comments
60.	Are standard guardrails provided wherever aisle or walkway surfaces are elevated more than 48 inches above any adjacent floor or the ground?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Emergency Management		Yes	No	NA	Comments
61.	Assembly areas are located a safe distance from the building and where firefighting equipment access will not be impaired. (Occupant Emergency Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
62.	Fire drills are held periodically, at least annually. (Emergency Management)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
63.	Provisions for the evacuation of handicapped personnel were considered when developing evacuation plans. (Occupant Emergency Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
64.	Building wardens and alternates know their responsibilities. (Occupant Emergency Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
65.	Evacuation and accountability plan trained and posted. (Occupant Emergency Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities		Yes	No	NA	Comments
66.	Eyewash stations are tested annually.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
67.	Smoking areas adequately distant from facilities and provided with butt receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
68.	LM/LMS-owned fire extinguishers are subjected to an annual maintenance inspection. Verify on tag.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Industrial Hygiene		Yes	No	NA	Comments
69.	NFPA 704 or HazCom labeling present and legible on buildings, doors, and tanks where hazardous materials are stored. (29 CFR 1910.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
70.	Annual evaluation of confined spaces completed. (29 CFR 1910.146)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Safety and Health		Yes	No	NA	Comments
71.	"Contractor Worker Safety and Health" poster is displayed conspicuously in each occupied building.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments



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72.	OSHA's Form 300A is displayed conspicuously from February 1 to April 30 in each occupied building.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Facilities: Electrical		Yes	No	NA	Comments
73.	Electrical panels are secured.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
74.	Electrical circuits identified at LM/LMS-owned sites.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
75.	Generic Arc Flash label installed on electrical equipment. (NFPA 70E)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter comments
Department Inspections		Yes	No	NA	Comments
76.	Grand Junction, CO, Environmental Sciences Laboratory annual inspection (LMS/PLN/S04615).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
77.	Fernald, OH, Delta Building Sample Preparation Area and Converted Advanced Wastewater Treatment Facility (CAWWT) Laboratory annual inspection (LMS/FER/S03684).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments
78.	Westminster, CO, Chemical Management Plan annual inspection (LMS/RFS/S04688).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enter comments

Brief Narrative of Inspection

Inspection of the Monticello Site Office Building and the Groundwater Transfer Building by Bill Cary.

Comments (all issues and nonconformance shall be added to the work order system for tracking)

LMS inspector: Bill Cary Name William E. Cary Digitally signed by William E. Cary Date: 2020.12.30 14:07:21 -07'00' Signature

Facility/Site: Stephen Pitton Name STEPHEN PITTON (Affiliate) Digitally signed by STEPHEN PITTON (Affiliate) Date: 2021.01.04 07:23:07 -07'00' Signature

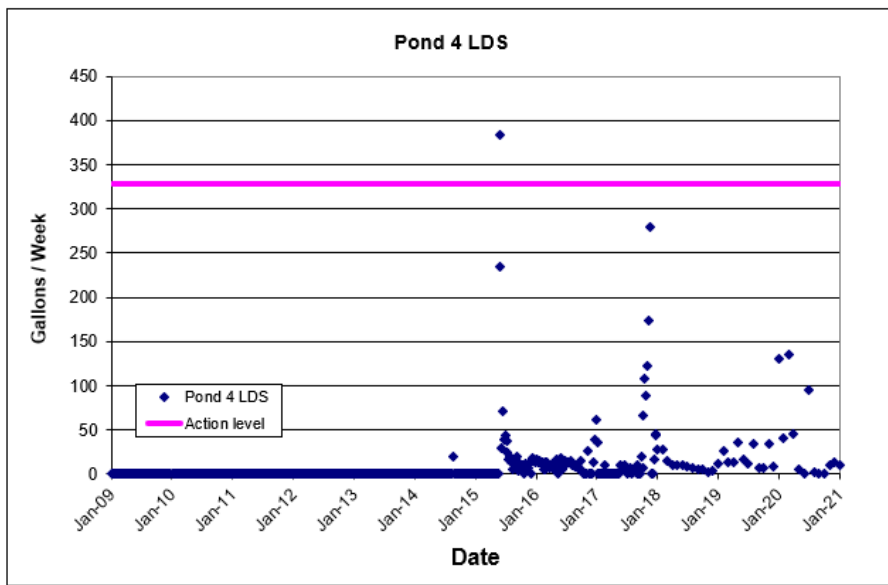
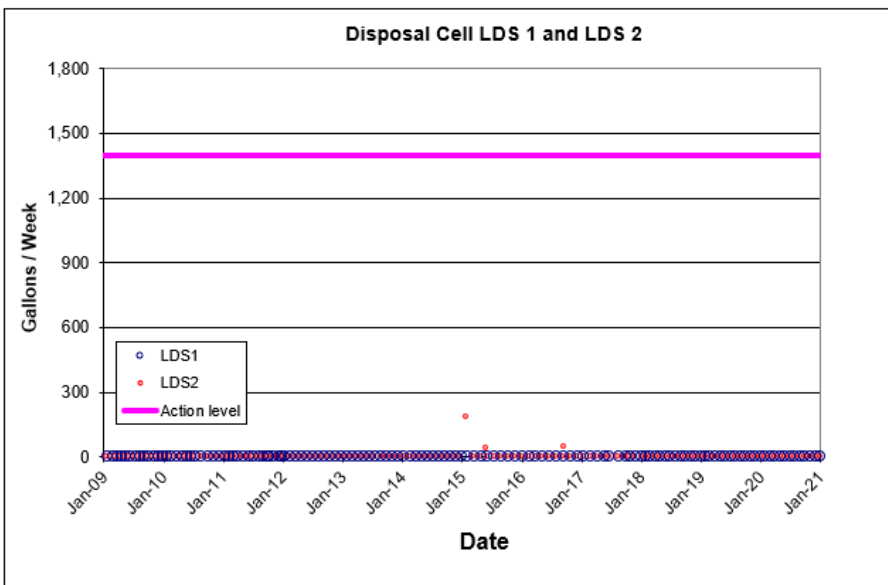
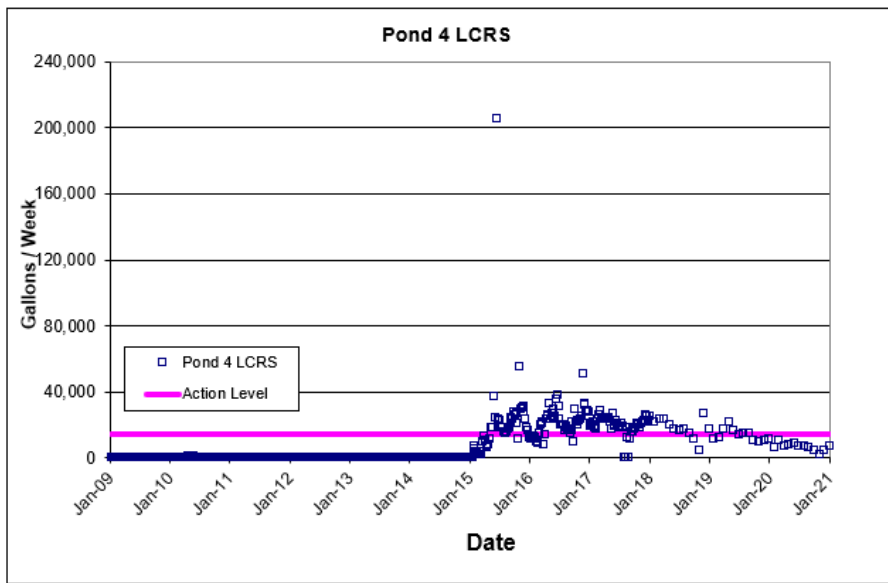
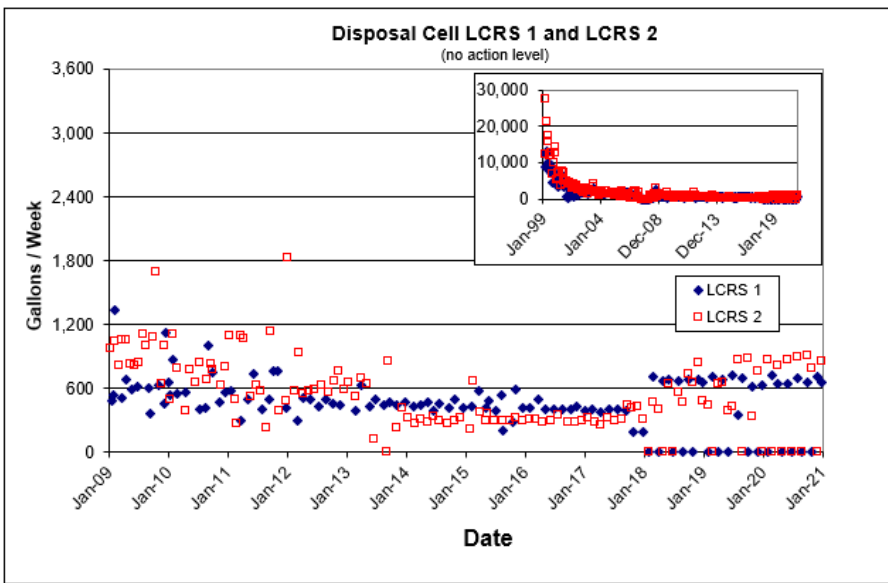
Distribution List: Fernald-Dave Hinaman, Grand Junction-Brian Coonts, Morgantown-Bill McDilda, Weldon Springs-Randy Thompson, Westminster-Rob Jones

Appendix B

Graphs Showing Performance History for Disposal Cell and Pond 4 LCRS and LDS

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Graphs Showing Performance History for Disposal Cell and Pond 4 LCRS and LDS



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