



Date: 13 May 2021

DAILY QUALITY CONTROL REPORT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				X		

Onsite Hours	10.00 hours
Travel Time	1.50 hours
Office Hours	2.00 hours

Site Name	Fort Bliss Municipal Solid Waste Landfill	Weather		
USACE Contract No.	W912BV-19-D-0012 Task Order No. W912BV20F0183	Temperature	60F – 80F	
Project Manager	[REDACTED]	Wind	0 mph – 15 mph	Report No. 04
Field Personnel	[REDACTED]	Humidity	20% - 60%	

AAJV personnel onsite: [REDACTED]	
Subcontractors onsite: [REDACTED]	
Visitors onsite: Surveyor	
Equipment onsite: Case 580N 10360141 Backhoe, Trimble GPS Base Station and Rover, RAE 5-gas monitor	
Health and Safety Briefing/Topic Discussed:	
Planned Site Activities: Trenching and Excavation	Physical Safety Hazards: Heat stress, blowing dust, backhoe operations
Site Communication/Responsibilities	Biological Safety Hazards: Snakes and spiders
Emergency Procedures/Routes	Chemical Hazards: None
First Aid Procedures	Respirator Use: Dust mask, if required
Level of PPE: D	Exclusion Zone Procedures: None
Explosive & Fire Hazards: Low	
Site Activities:	
0730- [REDACTED] (DS) depart hotel for Fort Bliss Municipal Solid Waste Landfill (MSWLF) Site.	
0755- DS arrives onsite.	
0800- [REDACTED] (R), backhoe operator from [REDACTED] and [REDACTED] (F) with [REDACTED] arrive onsite.	
0815- Daily safety tailgate meeting: Main topic covered was heat stress. JF reviewed Accident Prevention Plan (APP) and Activity Hazard Analysis (AHAs).	
0820- [REDACTED] (P) from [REDACTED] arrives onsite and went over daily safety tailgate. Discussed status of survey and replacement equipment is due to be delivered by 10:00am and should be onsite soon thereafter.	
0835- RAE 5-gas meter calibrated with bottled oxygen, hydrogen sulfide, carbon monoxide, and methane. All sensors passed. Begin trenching activities at TT20-10 in a southwesterly direction due to location in the northeast corner.	
0920- Following encountering waste within TT20-10, the dimensions were logged, and a geotechnical sample was collected from the top 0.5 feet above the hard caliche layer. Sample was collected in a 1-gallon Ziploc bag and will be held, pending submission to the laboratory. Excavation for TT20-10 was left open, pending survey.	
0925- Backhoe relocated to begin trenching at TT20-15.	
0937- Begin trenching activities at designated location TT20-15.	

1000- Complete trenching activities at TT20-15; JF logged the borehole while DS participated in the bi-weekly status call. Excavation was left open, pending survey.

1015 Bi-weekly status call complete.

1025- Complete activities at TT20-15; Trench was left open, pending survey.

1035- Begin trenching at TT20-16.

1100- Complete trenching at TT20-16; trench left open, pending survey. Relocate to TT20-17.

1130- Begin trenching at TT20-17.

1145- Complete trenching at TT20-17; waste encountered at interface with obvious landfill cover. Excavation was left open, pending survey.

1150- Begin trenching at TT20-19.

1200- [REDACTED] onsite to check in and deliver replacement survey equipment to JP.

1215- Complete activities at TT20-19; no waste observed beyond the asphalt visible at the surface. Trench was left open, pending survey.

1245- DS departed Site and JF will remain onsite for the duration of the project.

1330- Begin trenching at TT20-20.

1345- Complete trenching at TT20-20; Following encountering waste within TT20-20, the dimensions were logged, and a geotechnical sample was collected from the top 0.5 feet above the hard caliche layer. Sample was collected in a 1-gallon Ziploc bag and will be held, pending submission to the laboratory. Trench was left open, pending survey.

1400- JF inquired [REDACTED] TT20-18 had been surveyed, as it appeared unmarked in the field. TT20-18 was not surveyed/marked for trenching. Trenching/holding operations are on hold, as survey equipment is not functioning properly, real time troubleshooting is taking place with [REDACTED] and survey company where equipment is rented from. JF informs Randy Thompson that field operations are on hold indefinitely.

1600- [REDACTED] (operator) departs site. [REDACTED] personnel stay on site to meet with surveyor at approx. 1800 to troubleshoot GPS equipment. JF departs site.

1800- JF speaks with [REDACTED] personnel onsite; surveyor will be onsite at approx. 1810 to troubleshoot equipment. All personnel will meet onsite tomorrow morning at 0730.

All open trenches were taped off prior to leaving the site for the day.

Comments: Six perimeter trenches complete, TT20-10, TT20-15, TT20-16, TT20-17, TT20-19, and TT20-20 complete.

Completed By: [REDACTED]

Title: Geologist

Reviewed By: [REDACTED]

Title: Quality Control Manager

PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
13 May 2021

Photograph No.

1

Description:

Ayuda personnel collecting geotechnical sample at TT20-10, facing east.



PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
13 May 2021

Photograph No.

2

Description:

Excavating at TT20-20, facing north.





Date: 14 May 2021

DAILY QUALITY CONTROL REPORT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					X	

Onsite Hours	10.00 hours
Travel Time	1.50 hours
Office Hours	2.00 hours

Site Name	Fort Bliss Municipal Solid Waste Landfill	Weather		Report No. 05
USACE Contract No.	W912BV-19-D-0012 Task Order No. W912BV20F0183	Temperature	64F – 90F	
Project Manager	[REDACTED]	Wind	0 mph – 15 mph	
Field Personnel	[REDACTED]	Humidity	20% - 60%	

AAJV personnel onsite: [REDACTED]	
Subcontractors onsite: [REDACTED]	
Visitors onsite: Surveyor, [REDACTED]	
Equipment onsite: Case 580N 10360141 Backhoe, Trimble GPS Base Station and Rover, RAE 5-gas monitor	
Health and Safety Briefing/Topic Discussed:	
Planned Site Activities: Trenching and Excavation	Physical Safety Hazards: Heat stress, blowing dust, backhoe operations
Site Communication/Responsibilities	Biological Safety Hazards: Snakes and spiders
Emergency Procedures/Routes	Chemical Hazards: None
First Aid Procedures	Respirator Use: Dust mask, if required
Level of PPE: D	Exclusion Zone Procedures: None
Explosive & Fire Hazards: Low	

Site Activities:

0715- [REDACTED] (JF) onsite to open gates.

0730 - [REDACTED] (AR) on site and prepared excavator for the day's activities.

0735- [REDACTED] (JP) [REDACTED] onsite to begin setting up RTK-GPS base station.

0750- RTK is functional, navigating to TT20-18 location to mark for trenching.

0810- Begin trenching TT20-18.

0830- Complete trenching and logging TT20-18. JF confirms w/ JP that TT20-19 and TT20-20 are ready for backfill.

0840- Backfilled TT20-19.

0845- Backfilled TT20-20. JP currently collecting GPS coordinates for open trenches on north end of landfill.

0855- Backfilled TT20-1.

0910- Backfilled TT20-2.

0930- Backfilled TT20-3.

0931- Re-trenching TT20-4 due to cave-in.

0940- RTK lost Bluetooth/radio connection w/ base station. JP departs for base station to troubleshoot w/ surveyor, who is on their way to the site.

0945- Begin trenching TT20-9 into road.

1015- Waste at TT20-9 extends into road approximately 2 feet. Currently on standby waiting for [REDACTED] GPS troubleshooting.

1045- JP needs to relocate base station to NE corner of landfill.

1050- Begin backfilling TT20-4.

1100- Backfilled TT20-4. Mobilizing to TT20-5 for backfill.

1120- Backfilled TT20-5.

1122- Phone call w/ JP, he is checking another control point after moving base station to control point at NE corner.

1150- Backfilled TT20-7.

1200- Backfilled TT20-8.

1215- Backfilled TT20-9.

1220- Surveyor onsite for GPS troubleshooting – radio is not communicating w/ base station so coverage area is limited.

1310- Surveyor still onsite w/ Arcadis for troubleshooting.

1320- Surveyor needs to go home to obtain another cable and antenna. Survey equipment has capability to survey points closer to the base station. JF has suggested to install/stakeout interior pit locations.

1325- TT20-10 backfilled.

1335- TT20-11 backfilled.

1340- TT20-12 backfilled. Currently on standby due to GPS troubleshooting for long-range capabilities, and interior/closer points have not yet been surveyed as suggested.

1400- [REDACTED] and surveyor back onsite.

1430- [REDACTED] resumes GPS logging of trenches for backfill. Issue was apparently a bad antenna.

1445- TT20-13 backfilled.

1455- TT20-14 backfilled.

1505- TT20-15 backfilled. [REDACTED] mechanic onsite for maintenance on excavator. AR departs to meet at entrance.

1510- JF and JP begin staking out Cell 5 internal locations.

1600- Excavator repaired, AR begins backfilling TT20-18.

1607- TT20-18 backfilled.

1620- TT20-16 backfilled.

1630- TT20-17 backfilled.

1700- All perimeter trench locations have been logged and backfilled. All 22 interior trench locations at Cell 5 have been located and staked.

1730- Field crew departs site. Work will resume on Monday 5/17.

Comments: TT20-18 was the final perimeter trench remaining and was completed; all other open perimeter trenches were subsequently logged via GPS and backfilled following eventual successful troubleshooting of the range of the RTK-GPS system. All Cell 5 interior locations were located and staked for excavation operations to resume on Monday May 17.

Completed By: [REDACTED]

Title: Geologist

Reviewed By [REDACTED]

Title: Quality Control Manager

PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
14 May 2021

Photograph No.

1

Description:
Backfilling operations
at TT20-19, looking
east.



PHOTOGRAPHIC LOG

Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
14 May 2021

Photograph No.

2

Description:
Backfilling and
grading at TT20-20,
looking north.



PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
14 May 2021

Photograph No.

3

Description:

Road grading following backfilling of TT20-3, looking west.



PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
14 May 2021

Photograph No.

4

Description:

Backfill completion at TT20-14, looking west.





Date: 17 May 2021

DAILY QUALITY CONTROL REPORT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	X					

Onsite Hours	9.00 hours
Travel Time	1.50 hours
Office Hours	3.00 hours

Site Name	Fort Bliss Municipal Solid Waste Landfill	Weather		
USACE Contract No.	W912BV-19-D-0012 Task Order No. W912BV20F0183	Temperature	68F – 84F	
Project Manager	[REDACTED]	Wind	5 mph – 30 mph	Report No. 06
Field Personnel	[REDACTED]	Humidity	9%	

AAJV personnel onsite: [REDACTED]	
Subcontractors onsite: [REDACTED]	
Visitors onsite: None	
Equipment onsite: Case 580N 10360141 Backhoe, Trimble GPS Base Station and Rover, RAE 5-gas monitor	
Health and Safety Briefing/Topic Discussed:	
Planned Site Activities: Trenching and Excavation	Physical Safety Hazards: Heat stress, blowing dust, backhoe operations
Site Communication/Responsibilities	Biological Safety Hazards: Snakes and spiders
Emergency Procedures/Routes	Chemical Hazards: None
First Aid Procedures	Respirator Use: Dust mask, if required
Level of PPE: D	Exclusion Zone Procedures: None
Explosive & Fire Hazards: Low	
Site Activities:	
0650- [REDACTED] arrives onsite to open gates, prep paperwork.	
0710 [REDACTED] [REDACTED] arrives onsite to begin setting up RTK-GPS base station.	
0725- [REDACTED] arrives onsite.	
0730- Conduct H&S Tailgate Safety Meeting, calibrate gas meter, plan day's activities.	
0735- JF and AR depart for Cell 5 to begin interior trenches. JP departs for Cell 1 to continue staking remain interior trench locations.	
1025- All 22 interior trench locations at Cell 5 have been completed; 9 locations need backfilling with excavator, the other 13 locations were located in areas of surficial exposed waste that were extended to 6 inches bgs. JP about to finish surveying all stakes, except for the 10 'time permitting' locations.	
1040- JP currently surveying completed interior locations w/ AR backfilling where necessary. All three geotechnical samples in Cell 5 have been collected at IT20-30, IT20-40, and IT20-50.	
1145- Cell 5 locations have all been surveyed and backfilled.	
1200- Crew takes lunch.	
1230- JF back onsite.	
1315- JP and AR back onsite.	

1330- Resume interior point excavations and surveying, beginning at Cell 1.

1530- Completed excavations and logging, survey, and backfill of Cell 1, Cell 3, and 8 locations in Cell 4. Sampled IT20-10 and IT20-20 for geotechnical analysis.

1540- JP and AR depart site.

1600- JF departs site.

Comments: 13 locations remain at Cell 4 to excavate, survey, and log.

Completed By: [REDACTED]

Title: Geologist

Reviewed By: [REDACTED]
[REDACTED]
[REDACTED]

Title: Quality Control Manager

PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project: Limit of Waste Investigation Fort Bliss Municipal Solid Waste Landfill		Location: Fort Bliss, El Paso, Texas	Date: 17 May 2021
Photograph No. 1			
Description: Interior pothole location IT20-49 with plastic debris at bottom, looking north.			

PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project: Limit of Waste Investigation Fort Bliss Municipal Solid Waste Landfill		Location: Fort Bliss, El Paso, Texas	Date: 17 May 2021
Photograph No. 2			
Description: Interior location IT20-35, scraped to 6 inches with visible waste on surface, looking east.			

PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
17 May 2021

Photograph No.

3

Description:

Surveying debris at
IT20-09, looking
north.



PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
17 May 2021

Photograph No.

4

Description:

Surface completion
at IT20-145, looking
northwest.





Date: 18 May 2021

DAILY QUALITY CONTROL REPORT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		X				

Onsite Hours	5.00 hours
Travel Time	1.50 hours
Office Hours	5.00 hours

Site Name	Fort Bliss Municipal Solid Waste Landfill	Weather		
USACE Contract No.	W912BV-19-D-0012 Task Order No. W912BV20F0183	Temperature	64F – 80F	
Project Manager	[REDACTED]	Wind	5 mph – 30 mph	Report No. 07
Field Personnel	[REDACTED]	Humidity	12%	

AAJV personnel onsite: [REDACTED]	
Subcontractors onsite: [REDACTED]	
Visitors onsite: None	
Equipment onsite: Case 580N 10360141 Backhoe, Trimble GPS Base Station and Rover, RAE 5-gas monitor	
Health and Safety Briefing/Topic Discussed:	
Planned Site Activities: Trenching and Excavation	Physical Safety Hazards: Heat stress, blowing dust, backhoe operations
Site Communication/Responsibilities	Biological Safety Hazards: Snakes and spiders
Emergency Procedures/Routes	Chemical Hazards: None
First Aid Procedures	Respirator Use: Dust mask, if required
Level of PPE: D	Exclusion Zone Procedures: None
Explosive & Fire Hazards: Low	

Site Activities:

0645- [REDACTED] arrives onsite to open gates, prep paperwork, equipment calibration.

0710- [REDACTED] arrives onsite to begin setting up RTK-GPS base station.

0715- [REDACTED] arrives onsite.

0720- Conduct H&S Tailgate Safety Meeting, plan day's activities.

0730- Resume interior trench location surveys at Cell 4 (13 remaining locations).

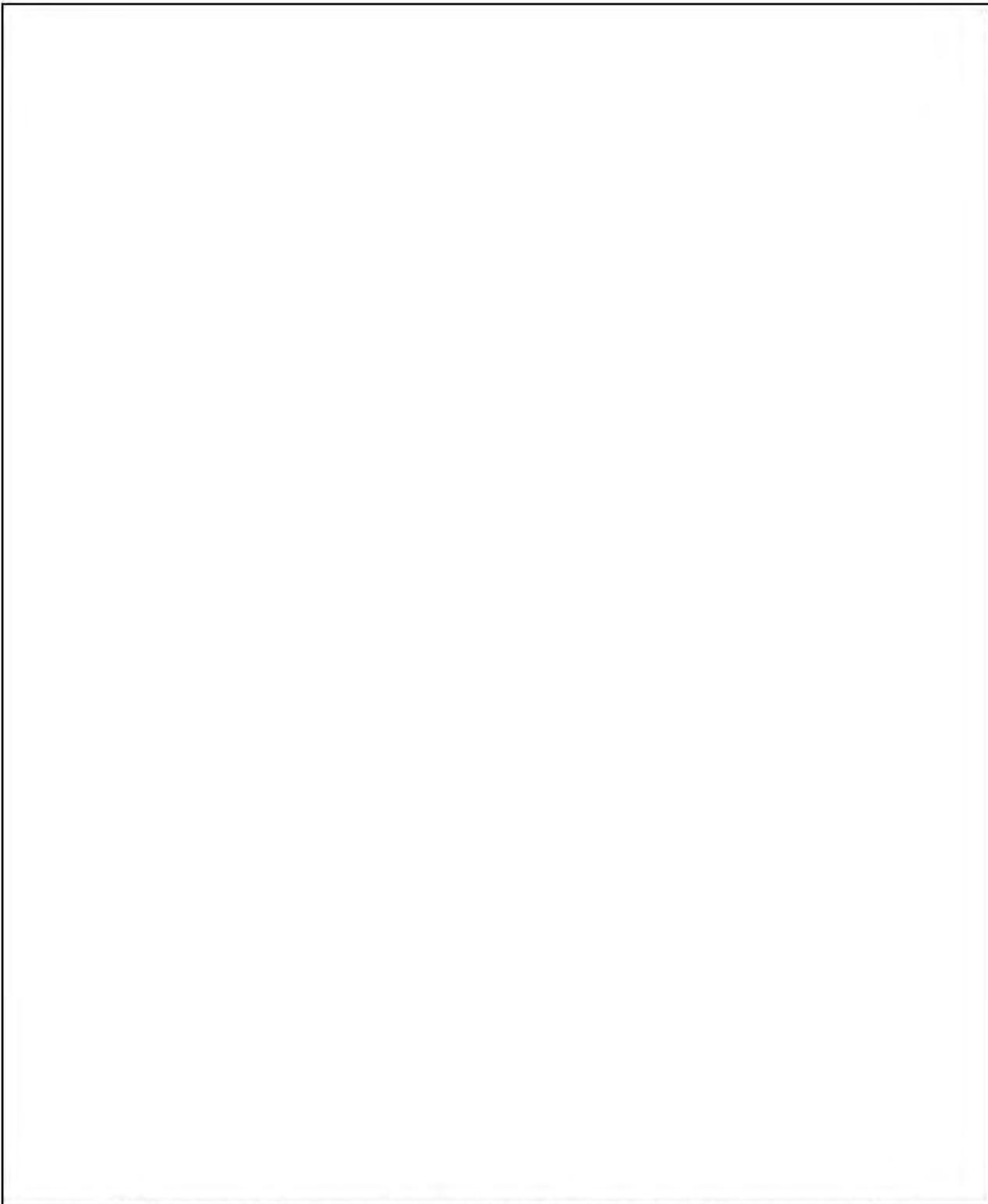
0900- Completed originally planned interior trench locations. Begin 10 "time permitting" interior trench locations (three at Cell 5, seven at Cell 1).

1030- Complete all 10 "time permitting" interior trench locations. AR calls U [REDACTED] to schedule excavator pickup.

1050- AR departs site. JP currently collecting stakes at various areas.

1120- JF transfers geotechnical samples to [REDACTED] for holding and lab delivery. JP departs site.

1130- JF departs site for hotel paperwork and photo organization.



Comments: Field work has concluded, all perimeter and interior trench locations have been excavated, logged, surveyed, and backfilled.

Completed By: [REDACTED]

Title: Geologist

Reviewed By: [REDACTED]

Title: Quality Control Manager

PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
18 May 2021

Photograph No.

1

Description:

Excavating IT20-07,
looking south.



PHOTOGRAPHIC LOG

Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
18 May 2021

Photograph No.

2

Description:

Surveying waste at
IT20-23 following
excavation, looking
north.



PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
18 May 2021

Photograph No.

3

Description:

Excavation at IT20-55 showing buried asphalt, looking east.



PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
18 May 2021

Photograph No.

4

Description:

Excavated trash at IT20-60, looking north.





Date: 20 May 2021

DAILY QUALITY CONTROL REPORT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				X		

Onsite Hours	10.00 hours
Travel Time	2.0 hours
Office Hours	2.00 hours

Site Name	Fort Bliss Municipal Solid Waste Landfill	Weather		
USACE Contract No.	W912BV-19-D-0012 Task Order No. W912BV20F0183	Temperature	73F – 93F	
Project Manager	[REDACTED]	Wind	15 mph – 35 mph	Report No. 08
Field Personnel	[REDACTED]	Humidity	8%	

AAJV personnel onsite: [REDACTED]	
Subcontractors onsite: [REDACTED]	
Visitors onsite: None	
Equipment onsite: Case 580N 10360141 Backhoe, Trimble GPS Base Station and Rover, RAE 5-gas monitor	
Health and Safety Briefing/Topic Discussed:	
Planned Site Activities: Trenching and Excavation	Physical Safety Hazards: Heat stress, blowing dust, backhoe operations
Site Communication/Responsibilities	Biological Safety Hazards: Snakes and spiders
Emergency Procedures/Routes	Chemical Hazards: None
First Aid Procedures	Respirator Use: Dust mask, if required
Level of PPE: D	Exclusion Zone Procedures: None
Explosive & Fire Hazards: Low	
Site Activities:	
0720 [REDACTED] and [REDACTED] (JP) onsite to set up base station, equipment calibration.	
0800- [REDACTED] arrives onsite, perform H&S Tailgate Safety Meeting, waiting for excavator delivery.	
0845- JP informs JF that excavator not arriving until 1330, will stake out new trench locations (9 new locations).	
0935- All 9 new perimeter trench locations have been staked out. JP has informed JF that he will be unable to work this afternoon for personal family reasons, and his local [REDACTED] counterpart is unable to come out to the site in his place. As a result, test trenching will be performed today, and survey activity will take place tomorrow.	
1235- AR calls JF, excavator has been dropped off at Site by United Rentals.	
1250- JF onsite.	
1255- AR onsite.	
1315- Landfill monthly survey currently taking place. Begin trenching TT20-26.	
1330- Found waste at approximately 6 ft west of survey point (towards landfill); JF calls RT to confirm photos and trench log. RT confirms LOW identification based on photos and field form.	
1340- Begin trenching TT20-27.	
1400- Begin trenching TT20-28.	
1425- Begin trenching TT20-29.	

1450- Begin trenching TT20-30.

1515- Begin trenching TT20-31.

1535- Begin trenching TT20-32. Had to offset 3 feet east due to pole.

1600- Begin trenching TT20-33.

1620- Begin trenching TT20-34.

1640- End of additional perimeter trenches.

1650- AR and JF depart site. All additional trenches have been cordoned off with caution tape.

Comments: Additional data gap trenches, 9 in total, were surveyed and excavated: TT20-26 through TT20-34. Trenches were cordoned off with caution tape, and encountered limits of waste will be surveyed tomorrow, and trenches will subsequently be backfilled.

Completed By: [REDACTED]

Title: Geologist

Reviewed By [REDACTED]

Title: Quality Control Manager

PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
20 May 2021

Photograph No.

1

Description:

Perimeter trench
TT20-28 looking east.



PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
20 May 2021

Photograph No.

2

Description:

Excavating perimeter
trench TT20-30,
looking north.



PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
20 May 2021

Photograph No.

3

Description:

Excavation of
perimeter trench
TT20-32, adjacent to
landfill pole.



PHOTOGRAPHIC LOG

Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
20 May 2021

Photograph No.

4

Description:

Cordoned off
perimeter trench at
TT20-33, looking
northeast.





Date: 21 May 2021

DAILY QUALITY CONTROL REPORT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					X	

Onsite Hours	3.00 hours
Travel Time	6.00 hours
Office Hours	2.00 hours

Site Name	Fort Bliss Municipal Solid Waste Landfill	Weather		
USACE Contract No.	W912BV-19-D-0012 Task Order No. W912BV20F0183	Temperature	73F – 82F	
Project Manager	[REDACTED]	Wind	10 mph – 20 mph	Report No. 09
Field Personnel	[REDACTED]	Humidity	10%	

AAJV personnel onsite: [REDACTED]	
Subcontractors onsite: [REDACTED]	
Visitors onsite: None	
Equipment onsite: Case 580N 10360141 Backhoe, Trimble GPS Base Station and Rover, RAE 5-gas monitor	
Health and Safety Briefing/Topic Discussed:	
Planned Site Activities: Trenching and Excavation	Physical Safety Hazards: Heat stress, blowing dust, backhoe operations
Site Communication/Responsibilities	Biological Safety Hazards: Snakes and spiders
Emergency Procedures/Routes	Chemical Hazards: None
First Aid Procedures	Respirator Use: Dust mask, if required
Level of PPE: D	Exclusion Zone Procedures: None
Explosive & Fire Hazards: Low	
Site Activities:	
0650- [REDACTED] (JF) onsite to open gates, equipment calibration.	
0715- [REDACTED] JP, [REDACTED] arrives onsite to set up base station and collect control points.	
0740- [REDACTED] s onsite. Perform H&S Tailgate Meeting, plan day's activities.	
0745- JP begins collecting Limit of Waste points at additional perimeter trenches.	
0750- TT20-26 has been surveyed and backfilled.	
0758- TT20-27 has been surveyed and backfilled.	
0803- TT20-28 has been surveyed and backfilled.	
0808- TT20-29 has been surveyed and backfilled.	
0813- TT20-30 has been surveyed and backfilled.	
0824- TT20-31 has been surveyed and backfilled.	
0830- TT20-32 has been surveyed and backfilled.	
0835- TT20-33 has been surveyed and backfilled.	

0842- TT20-34 has been surveyed and backfilled.

0900- Fieldwork has been completed, crew departs site. Excavator has been left outside of fencing for [REDACTED] pickup.

Comments: Additional data gap trenches, 9 in total, were surveyed and backfilled: TT20-26 through TT20-34. All caution tape and stakes have been removed. Base station was taken down; however, control points were left in place, as well as padlocks for the gates, for future [REDACTED] removal.

Completed By: [REDACTED]

Title: Geologist

Reviewed By: [REDACTED]
[REDACTED]

Title: Quality Control Manager

PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
21 May 2021

Photograph No.

1

Description:

Backfilling additional perimeter trench TT20-27 following waste survey, looking west.



PHOTOGRAPHIC LOG

Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
21 May 2021

Photograph No.

2

Description:

Surveying limit of waste in additional perimeter trench TT20-28, looking southwest.



PHOTOGRAPHIC LOG
Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
21 May 2021

Photograph No.

3

Description:

Backfilling additional perimeter trench TT20-29 following waste survey, looking northwest.



PHOTOGRAPHIC LOG

Fort Bliss Municipal Solid Waste Landfill

Project:
Limit of Waste Investigation
Fort Bliss Municipal Solid Waste Landfill

Location:
Fort Bliss, El Paso, Texas

Date:
21 May 2021

Photograph No.

4

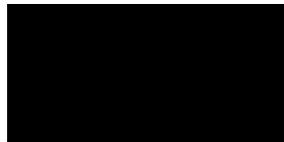
Description:

Additional perimeter trench TT20-34, looking east, prior to survey and backfilling.



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A4. Field Activity Reports



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FIELD ACTIVITY REPORT

Project: MSWLF Limit of Waste Investigation- Fort Bliss, TX	Date: 5/10/21	Page 1 of 1
Client: USAF	Contract No:	TO No:
Work Description: <u>Low 1</u>		
Subcontractors/Visitors: [redacted] (Excluded)		
Weather: sunny clear breezy		

DESCRIPTION OF FIELD ACTIVITIES AND EVENTS

0720 - DS depart for Site
0745 - DS arrive onsite - meet GF & JP ; JP assist Carter setting up survey equipment
0800 - [redacted] arrive onsite
0840 - [redacted] leave for B [redacted]
0900 - Complete safety brief; Field members present to begin training activities in each respective role. Pete Folos depart
0955 - Began for TT20-21
1010 - Garrett Spoke w/ Scott at Aradon - no waste identified above shot of cover - may be [redacted] ok to dig into LF cover
1044 - Begin backfilling TT20-21. Waste encountered at approx 15' from edge of cover. ashw
1110 - Begin TT20-22. waste encountered w/ 10' trench
1130 - Waste defired at TT20-22. Begin backfilling & proceed to TT20-23
1155 - Start TT20-23; Garrett offsite ~1215
1230 - Finish TT20-23 with ex. backfilled & grouted
1240 - [redacted] offsite for lunch
1330 - [redacted] on site. Safety & begin at TT20-24
1420 - TT20-24 Waste encountered @ ~5ft
1505 - Begin TT20-25. moved south from orig location to be away from power lines
1515 - Excavate work approx 1.5 ft by [redacted] ^{excavator} is limited to the west by overhead power lines. largest extent considered as noted. (60' south of orig)
1600 - [redacted] offsite
1610 - DS offsite after survey over

Prepared by: [redacted]	Signature: 	Date: 5/10/21
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FIELD ACTIVITY REPORT

Project: MSWLF Limit of Waste Investigation- Fort Bliss, TX	Date: 5/11/21	Page (of 1
Client: USACE	Contract No:	TO No:
Work Description: Trenching / Excavation		
Subcontractors/Visitors: [REDACTED]		
Weather: clear / sunny / breezy		

DESCRIPTION OF FIELD ACTIVITIES AND EVENTS

0700- DS depart for site

0730- DS arrive at site & meet [REDACTED]

0745- [REDACTED] JPersite - Sunny equipment work day. Will make out until start rains then will leave excavators open to sunny to rain

0750- Daily tailgate - refresh smokes.

0815- Calibrate gas meter - LEL/CO/H₂S/O₂ - All sensors pass

0830- Begin trench TT20-01

0855- Complete TT20-01 - manual cover, waste default. Ex left open due to inoperability of sunny equipment

0905- Begin TT20-02

0925- Complete TT20-02 - waste default @ inside of meter & cover. Ex remains open

0945- Begin TT20-03 into steep slope

1005- Complete TT20-03 - excavator left open to sunny later

1010- Begin TT20-04 into steep slope

1030- Complete TT20-04, excavator open. Waste observed at location of limit posts.

1130- [REDACTED] discuss TT20-05 w/ Scott Barr, excavator located in extent due to slope & proximity to fence. Will move 30 feet west where slope is less steep & dig in further southward

1200- [REDACTED] offsite for lunch

1240- [REDACTED] with DPW onsite to check in

1245- [REDACTED] arrive

1255- Begin backfilling TT20-05 to relocate westward.

1350- Begin TT20-05-2, located 30 ft west of TT20-05

1420- Complete TT20-05-2, waste approx 3ft outside of marked limit

1427- Begin TT20-06

1438- at TT20-06 (as specified), no waste to native within reach of backhoe. Backfill & will relocate westward to because of less slope to increase depth into LF.

1515- Begin TT20-06 28 ft west of original marked location

1525- [REDACTED] onsite. Checkup of Brady Rod & team.

1545- [REDACTED] offsite. EX TT20-06 Complete - no waste observed

1550- JP offsite; [REDACTED] TT20-06 moved 28 ft west of orig location. No waste to depth of 3.5 ft from top of berm & to native. 9ft surface pasted but of Colfill. No waste except / small pieces.

1610- TT20-06 closed, stated & will be surveyed tomorrow; 1615- AP offsite

1640- DS offsite after meeting back of TT [REDACTED] point's location

Prepared by: [REDACTED] skii	Date: 5/11/21
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