Cleanup Project Completion Report

Former ULAB Recycling Site, Mohammadnagar, Khulna, Bangladesh (Site BD-4938)

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25 August 2023

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Executive Summary

Pure Earth discovered a former used lead acid battery (ULAB) recycling site in the Batiaghata union in Khulna Sadar Upazila. It has been designated as site BD-4938 in the toxic site identification program (TSIP) database (https://www.contaminatedsites.org). In November 2022, Pure Earth performed an initial site screening and preliminary site assessment (PSA) at the recycling site. According to the PSA report, the ULAB recycling site surrounding areas soils were contaminated. A detailed site assessment (DSA) was conducted by Khulna University (KU) in 2023. 132 soil samples and 11 water samples were collected and analyzed as part of the DSA in February 2023, and 23 of the soil samples revealed lead (Pb) concentrations >400 ppm with a highest result of 12,100 ppm. The aim of the Mohammadnagar clean-up project was to ensure the concentration of Pb in the impacted areas below 400 ppm so that the health of children and other residents in the Mohammadnagar area could be improved. The main elements of the Mohammadnagar clean-up project design included education/awareness campaign, capping of battery waste dumping sites, soil scraping and capping of contaminated soil and leaf matter, house cleaning, road and yard remediation.

The clean-up work began on April 1, 2023, and it was completed on June 15, 2023. The community and stakeholder engagement program was held on April 5, 2023 in the presence of community people, land owners of the contaminated site and other stakeholders. In total, 1350 m2 of the impacted area was cleaned up during the remediation work. Size-wise the Northern dumping and Western dumping sites were 154 and 78 m2, respectively. The dumping sites were located in waterlogged areas. After installing the bamboo, the North and West dumping sites and in between the depression areas were filled with sand to facilitate placing the geotextile and capping sand atop it. Then geotextile marker layers were placed in the dumping locations and then 2 ft clean soil was placed in the bamboo piling area. In total, 113 m3 of sand and 226 m3 of clean soil was required for capping the geotextile in the North and West dumping sites. The South battery waste dumping site was filled with sand. After measuring the South dumping site (135.64 m2), 1 ft sand layer was excavated manually from the dumping site for placing the geotextile marker layer. About 1.8 m3 of the scraped contaminated soil generated from the roadway and yards was spread atop the Southern dumping area prior to placing the geotextile and capping with excavated 1 feet sand and 1 feet clean soil (approximately 68 m3 of clean soil).

The surficial contaminated surface soils from adjacent impacted areas were scraped away. About 6-inch soil was scraped from the unpaved contaminated areas. Most of the impacted areas along the brick soling roadway revealed high Pb concentrations after the scraping work while unpaved impacted areas indicated Pb concentration <400 ppm. Accordingly, a cement and sand mixture layer was put in the brick soling road and house yard areas to prevent further Pb exposure. The concrete work was done covering an area of 157.94 m2. The scraped contaminated soil was placed beneath the geotextile layer and the capping soil in the Southern dumping area.

Thirty old plastic battery cases found in the impacted areas were handed over to the Abdullah Battery Co. for recycling purposes. Five households were found to be contaminated with Pb dust. Household cleaning activity was done following the protocols specified in the project plan. After completing the clean-up work, a final XRF measurement was taken from the impacted areas. All the XRF measurements showed

Pb concentrations below 400 ppm which indicates that the remediation work was successful.

The site-specific health and safety plan (HASP) was adhered to during the entire clean-up work to ensure the health and safety of the workers and associated personnel. On a daily basis, the records of First Aid, complaint/grievance, waste management, accident, incident, and near miss were kept in separate registers. Several grievances were addressed during the clean-up work. After completion of this work, clean-up work details were mapped and leaflets distributed throughout the community. One of the most important messages was for people not to disturb the capped area to avoid the spread of contamination from the dumping sites. This project showcases the practicality and viability of implementing cost-effective, scalable approaches to mitigate Pb contamination, thereby motivating stakeholders, policymakers, and communities to take action against this persistent global problem.

1. Project Background

The abandoned ULAB recycling site is located in the Mohammadnagar area, Babul Road, Zalma Union, Ward No. 6, Thana-Labanchora, Upazila Batiaghata, Khulna Bangladesh. The site is roughly 20 kilometers west of the Khulna city center, as depicted in **Figure 1**. The geographic coordinates of the site are 22.7887092 N and 89.5346505 E. According to residents of the area, ULAB recycling work started here in 2016. The owner of the house where the batteries were broken name is Mr. Badiuzzaman Mia (referred to herein as Mr. Badi), who operated the battery-breaking activities for about 3 years. Smelting of the lead plates was not conducted by Mr. Badi. By the end of 2018, the battery-recycling site was closed down or moved from this area under pressure from the people living nearby. Mr. Badi used to sell the battery casings to a nearby battery manufacturer and the old lead plates to smelters. Every day, about 6 people, including himself and members of his family, took part in the battery-breaking procedure without gloves or masks. Furthermore, no suitable safety and hygiene precautions were initiated prior to food and water intake at the ULAB recycling site. No information was found about Pb smelting here. However, due to the strong and persistent smell of battery acid, the community risked serious problems linked to respiratory inflammation.

The results of Pure Earth's investigations in November 2022 and Khulna University and Pure Earth in March 2023 are detailed in preliminary site assessment (PSA) report "Preliminary Site Assessment BD-4938 Badi Mia ULAB Recycling Works, Mohammadnagar, Khulna", dated 19 November 2022 and detailed site assessment (DSA) "Detailed Site Assessment BD-4938 Mr. Badi Mia's ULAB Recycling Works Mohammadnagar, Khulna", dated March 2023, respectively; the results are summarized herein for reference. **Figure 2** herein depicts the concentrations of 17 surface soil samples collected from the ULAB recycling site during the PSA investigation. Of the 17 samples, two exhibited a concentration exceeding 400 ppm. Notably, both high-concentration soil samples were obtained from the immediate vicinity of the source house. During the DSA, three battery waste dumping sites were identified near Mr. Badi's house. **Figure 3** illustrates the dumping sites, two of which are on the Northern and Western side of the house, referred to herein as the North dumping and West dumping sites. The dumping sites were waterlogged and connected with a body of water. The Northern dumping site was about 6 ft from the

house and was approximately 32 ft long and 17 ft wide, while the Western dumping site was 1 ft from the house; this particular site was about 29 ft in length and 19 ft in width. Another battery waste dumping site was located at the southern side of the house, referred to herein as the South dumping. The distance to this dumping site was about 30 ft from the house. The battery waste dumping site was formerly a natural depression with a depth of about 3 ft during the recycling work. After dumping battery wastes there, the landowner of the area filled the dumping site with sand about 3 years ago. Soil samples were collected from the waste dumping site during DSA.

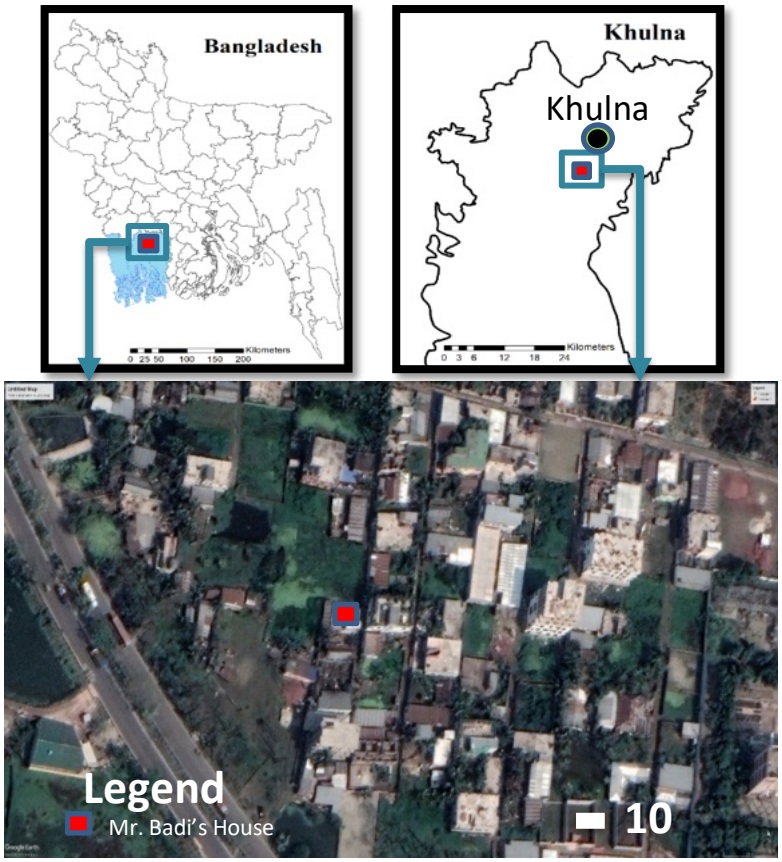


Figure 1: Mr. Badi's ULAB recycling site.

Figure 2: Lead concentration map showing the extent of XRF measurement (source: PSA report).

Figure 3: Identified dumping sites.

Out of 132 soil samples collected during the DSA, 23 revealed concentrations above 400 ppm. All the soil samples collected within 50 m radius of the recycling sites indicated a Pb concentration >400 ppm (**Figure 4**). Within a 50 m radius, the mean, median, minimum and maximum Pb concentrations in the surface soil were 510, 26,

8 and 12,100 ppm, respectively (**Table 1**). With the increase of depth, the Pb concentration diminished, yet there were some exceptions, as wastes were dumped below the current ground surface in several areas. The highest Pb concentration was found at a depth of 1.5 feet (**Figure 5**). The mean, median, minimum and maximum concentrations of the 1.5 ft depth samples were 4432, 74, 13, and 125,400 mg/kg, respectively (**Table 2**). At a 3 feet depth the mean, median, minimum and maximum concentrations of the soil samples were 138, 30, 15 and 1,136, respectively. A rough estimate of the impacted area due to the ULAB recycling work calculated that it was approximately 1,230 m^2 (**Figure 6**). However, after the community awareness program, the local community cooperated in the clean-up work and helped to confirm the correct size of the battery waste dumping sites. In fact, the size of impacted area increased from 1,230 m^2 to 1,350 m^2. In addition, XRF measurements were collected during the implementation of the risk reduction project to refine the areas that warranted capping as detailed in this report.

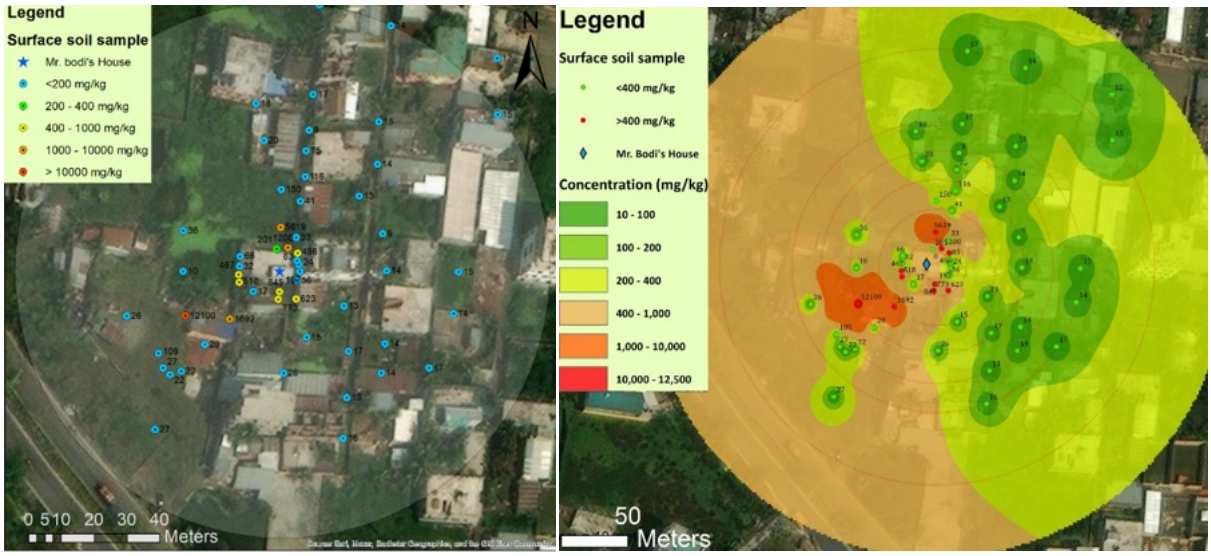


Figure 4: Lead concentrations in surface soil samples within 75 m radius (a) and its distribution (b).

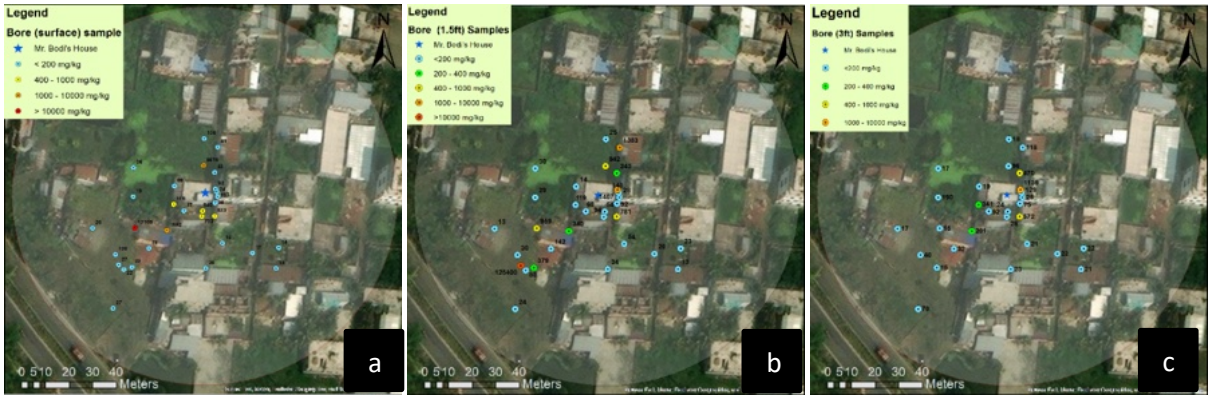


Figure 5: Lead concentrations of dumping site at surface (a); 1.5 ft (b); and 3ft depth (c).

Table 1: Concentration of Pb in surface soil samples

Distance from source	**Number of samples collected**	**Mean**	**Median**	**Minimum**	**Maximum**	**Number of samples with lead concentrations > 400 ppm**
Surface soil sample	56	466	25	8	12100	10
Within 50 m	51	510	26	8	12100	10
> 50 m	5	17	15	12	27	0

Table 2: Concentration of Pb in different soil depth

Distance from source	Number of samples collected	Mean (ppm)	Median (ppm)	Minimum (ppm)	Maximum (ppm)
Subsurface soil samples (1 to 6 inches)	**18**	**702**	**56.5**	**12**	**5,902**
1 inch	4	475	137	17	1610
2 inch	4	69.2	36	15	190
3 inch	4	1,512	65	16	5,902
4 inch	3	773	26	13	2,280
5 inch	2	1042	1,043	12	2,070
6 inch	1	12	12	12	12
Subsurface soil samples (1.5 and 3 feet)	**88**	**1818**	**38**	**10**	**125,400**
Surface soil	30	774	34.5	10	12,100
1.5 feet	30	4,432	74	13	125,400
3 feet	28	138	30	15	1136

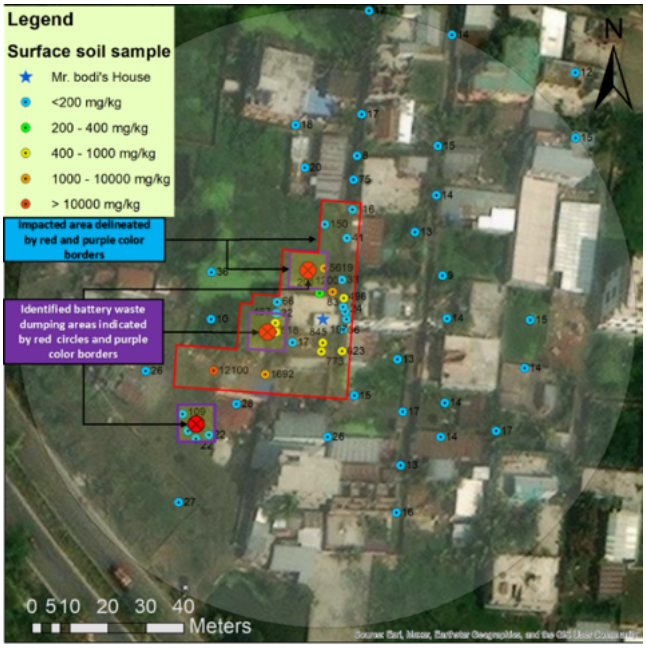


Figure 6: Impacted area of the Mohammadnagar ULAB breaking site (DSA report).

The DSA concluded that on-site capping of the battery waste dumping locations and scraping and capping of contaminated soil must be addressed in order to reduce the lead exposure risk to the surrounding population. The project in Mohammadnagar was subjected to an alternatives analysis by Pure Earth to identify and select the most appropriate and effective project activities, as detailed in Pure Earth's 2023 DSA report.

The factors that were analyzed as part of this analysis included:

- Risk reduction and public health benefit
- Sustainability
- Community and government acceptance
- Compliance with Bangladesh regulations and international standards
- Schedule – how long to implement
- Technical or logistical challenges
- Cost

As detailed in the DSA, the selected risk mitigation strategy included capping of the battery waste dumping sites since there was an undefined amount of buried battery waste entrained in the contaminated soil in the three dumping areas. There were several concerns about excavating and managing (packaging, transportation, burial) of an unknown quantity of residual battery waste. These are extremely hazardous with respect to lead as well as acid content. Excavation of waste would require transportation and burial of waste in local solid waste landfill which may impact the health and safety of workers and residents. Conversely capping the battery waste in place had potential issues with erosion or future disturbance (e.g., sustainability), capping not addressing any potential groundwater or surface water issues etc. However considering the site condition, capping the waste in place was considered the most suitable option for risk mitigation. Capping was done by placing a geotextile and clean soil over the 3 waste dumping areas. Such areas are in low lying areas and the objective was to cap with on the order of 3 ft (1 m) of clean soil. The selected risk mitigation strategy included scraping and collection of lead impacted soil and leaf matter in adjacent areas (e.g., along the brick roadway). The selected risk mitigation strategy also included educational awareness workshops; yard remediation; and house cleaning to address lead dust in area homes. Pure Earth

representatives initially shared the plan with the Bangladesh Department of Environment in March 2023, and continued to involve DOE and other stakeholders in the risk mitigation project as detailed herein. Pure Earth presented the risk mitigation project plan to DoE in April 2023 seeking further DoE support for the project. Notably, DoE officials came to the project area every week during its implementation to observe our activity and give feedback.

2. Mohammadnagar Pb Risk Reduction Project Objectives and Schematic Diagram of The Remediation Work

The goal of this remediation work was to provide a comprehensive analysis and understanding of a Pb remediation project, aimed at addressing the pervasive issue of Pb contamination in the surrounding areas of the Mohammadnagar ULAB recycling site. Pb contamination poses dangerous health risks, particularly to vulnerable populations and children, and demands urgent attention. By addressing the objectives, we aimed to advance our understanding and implementation of Pb remediation efforts, fostering a safer and healthier future for the affected communities. **Figure 7** is a schematic diagram of the ULAB recycling site remediation work.

2.1 General objectives

- Improve the health of children and other residents of the Mohammadnagar area by reducing exposures to toxic Pb pollution generated by the former ULAB recycling operations.
- Increase the number of Pb remediation projects in Bangladesh by further demonstrating their feasibility, affordability and effectiveness.
- Diminish future risks from Pb pollution in Mohammadnagar and other towns by illustrating the dangers of conducting informal ULAB recycling in residential neighborhoods.

2.2 Specific objectives

- Increase local and national awareness about the dangers of Pb and simple methods residents can take to protect themselves and their family members.
- Reduce the concentration of Pb in surficial soil to below 400 ppm (the EPA standard for residential areas where children play).
- Increase the capacity of Pure Earth's project partners at the Khulna University, Department of Environment (DoE), and other stakeholders to carry out such work in the future.

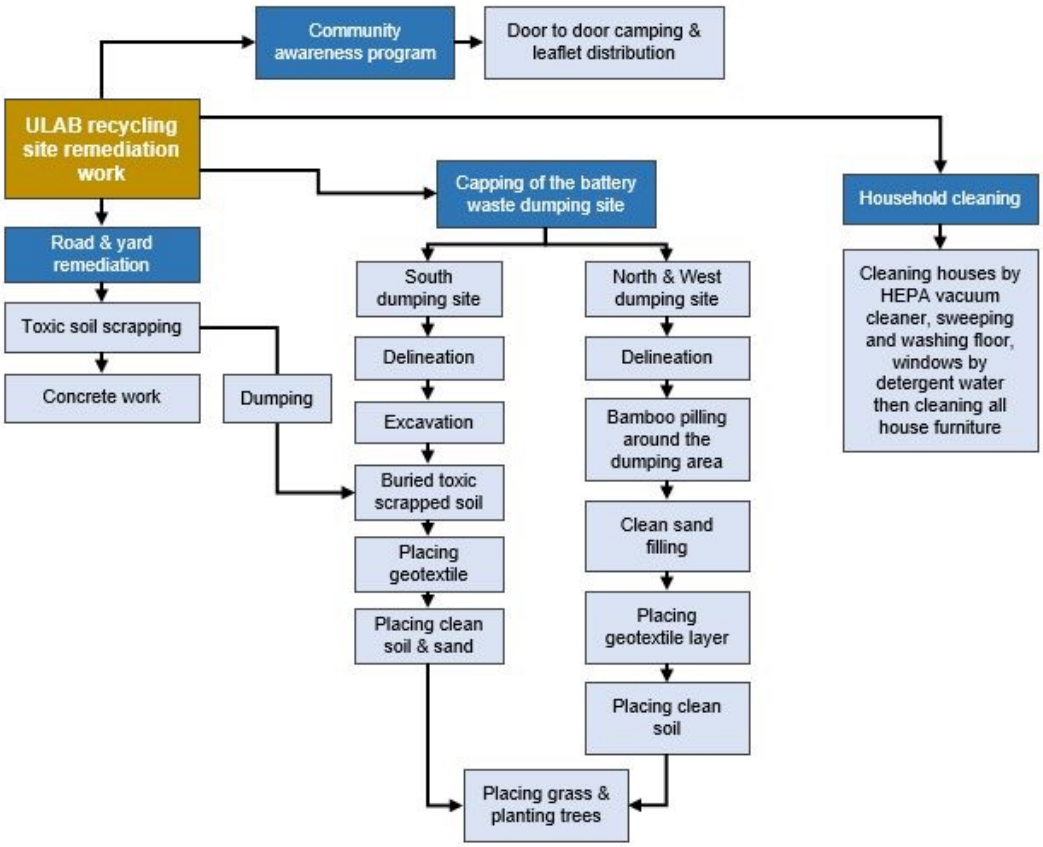


Figure 7: Schematic diagram of the ULAB recycling site remediation work.

3. Risk Mitigation Project Implementation

The elements of the risk mitigation project were detailed in the Pure Earth report "Lead Risk-Mitigation Project Plan, BD-4938 Mr. Badi's ULAB Recycling Works Mohammadnagar, Khulna, Bangladesh", dated April 20, 2023. The elements of the risk mitigation project were carried out during May 01, 2023 to June 15, 2023.

Each of the main elements of the risk-reduction project are presented below:

- Community and stakeholder engagement program
- Worker, Equipment, and Health and Safety Consideration
- Budget and Accounting
- Evaluation of Lead concentrations in vegetation samples
- Mohammadnagar ULAB recycling site remediation activities
- House and yard cleaning work
- Outside fencing and tree plantation on the dumping sites
- Waste management, collection and handover of residual battery cases,
- Final XRF measurement of the impacted areas
- Distribution of leaflets of project activities
- Grievance Redress Mechanism (GRM)
- Communication with Pure Earth technical advisor and Pure Earth Bangladesh team

3.1 Community and stakeholder engagement program

3.1.1 Stakeholder engagement program

An awareness program was arranged for the community and stakeholders near the clean-up site. The program was conducted in the Local Member's (elected representative of Mohammadnagar area) office on 5th April 2023. The office was within 100 m of the ULAB recycling site. Various community people and stakeholders were considered for the awareness program **(see Appendix B),** where people from all sectors of society were invited including community people who lived within 100 m of the site (68 households), land owners of the contaminated site, politicians, local government representatives, academicians, students, experts, representative of DoE, representative of Directorate General of Health Services (DGHS), representatives of NGOs, youth groups and relevant international organizations. A total of 113 people were invited to the program. Door-to-door visit was considered as the best way to distribute the leaflet and invitation letter to people in the community. Relevant

government officials, different organizations and other stakeholders were invited via email, physically and mobile phone communication **(Figure 8)**.

Figure 8: Distribution of leaflets and invitation letter for the community and stakeholders' engagement program.

The team leader of the remediation project first briefly gave an overview of the entire project and discussed the remediation work planned to minimize the Pb exposure to the community for present and future generations. He also requested the community and stakeholders cooperate and provide suggestions for successful completion of the remediation work. The other special guests from DoE, DGHS, Civil Surgeon Office Khulna and Country Director of Pure Earth discussed the health risks posed by Pb and how children's health could be protected from Pb pollution (**Figure 9**). The speakers also discussed the importance of remediation work. The Chair of the community and stakeholders engagement program thanked all participants and concluded the discussion session. There was an open discussion session in which members of the community asked questions, and experts and special guests answered them. After this session, the guests and community people and stakeholders swore an oath to be conscious about Pb pollution. Awareness program

activities were also published on several online news portals and in newspapers (**Figure 10**).



Figure 9: Community and stakeholders engagement program photos.

Hundreds of people took oath in an awareness session in Khulna to prevent lead pollution

CORPORATES

Press Release

06 April, 2023, 02:20 pm

Last modified: 06 April, 2023, 02:25 pm

"Together, we can solve lead pollution" with this slogan hundreds of community people, local leaders, government and non-government representatives, police, and media reporters united in a community and stakeholder

Figure 10: Media coverage of the community awareness program held in Khulna on 5th April 2023.

3.1.2 **Discussion with landowners of the impacted area**

After the community engagement program, we discussed the issue with landowners who have land in the impacted area (**Figure 11**). Some landowners did not attend the community engagement program. We discussed with all landowners physically or by phone and got their consent to clean-up the affected areas. Before the community engagement program, we encountered difficulties in getting some landowners to cooperate. However, after the program commenced all cooperated in the clean-up work and provided their suggestions. Particularly, the cooperation given by Mr. Badi was vital to continue this part of the project. After the community engagement program, he helped us to identify the North and West battery waste dumping sites. We did find it difficult to identify the dumping site since Mr. Badi did not cooperate before the program began. The dumping sites were in waterlogged areas, so it was not possible for us to initially identify or measure the dumping sites. He did show us the Southern dumping site where most of the residual battery wastes was located.

Figure 11: Mr. Badi (left photo) and landowner (right photo) helped to delineate the battery waste dumping areas.

3.2 Worker, Equipment, and Health and safety considerations

3.2.1 Workers and equipment

For the remediation activities Khulna University engaged skilled local workers, increasing local capability for such work. Workers were hired based on the requirements of the clean-up work. Workers were informed of the type of work that they were going to be doing and the risks associated with working with lead contaminated wastes and soil, as well as working around heavy equipment during the

project. The workers were informed of the necessity of wearing personal protective equipment such as boots, N95 respirators, hard hats, etc.) which were provided.

Khulna University hired more than 20 workers for the risk mitigation project, along with one labor supervisor. The number of workers hired was determined based on the activities of a particular day. A list of workers and supervisors for a representative day is included in Appendix D. The local workers were supervised on a daily basis by Gazi Mohammad Faruk Hossain. The number of workers, the work completed, compliance with the health and safety requirements, and any problems that were encountered were recorded on a "Daily Work Sheet" for documentation; the Daily Work Sheets are included in **Appendix A**.

All the work was completed with hand tools and manual labor, including packaging wastes, clearing brush, manual excavating the soil through spade, scraping soil over brick soling area, and house cleaning/yard remediation as detailed below. The workers were supplied with a variety of hand tools such as shovels, spade, wheelbarrows, and hoes. A representative equipment list is included in **Appendix A** for reference. Laborers and supervisors were provided drinking water, food, laundry and showering/washing facilities on a daily basis over the roughly 2.5-month project (April 1, 2023 to June 15, 2023). Work was generally completed during a six-day work week except on government holidays, with working hours from 8 am to 4 pm.

3.2.2 Health and safety plan

A site-specific Health and Safety Plan (HASP) was specified in Appendix A of the Pure Earth report "Lead Risk-Mitigation Project Plan, BD-4938 Mr. Badi's ULAB Recycling Works Mohammadnagar, Khulna, Bangladesh, dated April 20, 2023" The HASP was implemented by the Khulna University, with Rashedul Islam who served as the Occupational Safety Assistant that was responsible for assuring that the HASP was implemented accordingly. Many of the HASP elements (e.g., that workers wore appropriate PPE, workers washed before lunch and at the conclusion of the work day; workers' clothes were washed) were recorded each day on a "Daily Work Sheet" **(see Appendix A herein).** Workers not following the HASP and PPE requirements was cause for dismissal. Visitors to the site, such as DoE personnel and a videographer group were informed of the HASP requirements, and were also recorded on the Daily

Work Sheets. The local population was prohibited from the work area to the maximum extent practicable. Barricade with proper signage was maintained during site activity.

Daily pre-work toolbox talk session was given to them during daily work hours. During tool box talk information was provided on waste management, washing hands with soap before eating food, drinking water to cure dehydration, proper handling procedure of heavy and sharp tools. All the site activities including outer bamboo piling, manual excavation activities, scraping of contaminated soil, handling old battery cases, clean sand and soil placing in the dumping sites were completed in accordance with the site-specific health and safety plan (HASP) as part of the project plan. PPEs such as safety shoes, long pants and long sleeves, hard and soft hats, and rubber gloves worn properly during the site activities were provided (**Figure 12**). After completion of the each day's work, suits were washed with detergent and then dried in dryers. Boots, gloves and glasses were washed by workers themselves after daily site activities.

Figure 12: Photos showing health and safety considered during the cleanup work.

Two fire extinguishers were available at the work site. In addition, proper signage and barricades were put in place, workers were provided with drinking water, First Aid facility and rest places made available, etc. All the records were documented in the register book (**see Appendix C**).

3.2.3 DoE participation

The DoE actively participated and provided necessary support for the clean-up work. The department monitored the DSA work regularly. DoE representatives visited the site and monitored the clean-up work progress. DoE Director, Khulna, visited the remediation site during the community engagement program, clean-up work, and tree plantation phase (**Figure 13**).

Figure 13: DoE Director visited the site

3.3 Evaluation of Lead concentrations in vegetation samples

To assess Pb concentration in area vegetation samples, samples of vegetation were collected from within 50 m of the ULAB recycling site (**Figure 14**). The subsequent analysis results are summarized in **Table 4**. All the vegetation samples showed high Pb concentration. The root of *Elephant Grass* had the highest Pb concentration at 384.88 mg/kg. FAO/WHO acceptable Pb concentration in vegetation samples is 0.5 mg/kg. To get an idea about the sources of Pb in these samples, we collected soil samples from the vegetation sampling points (**Figure 15**). Vegetation and soil samples were collected from the control site for comparison. **Table 4** also shows Pb concentrations of the control site vegetation samples. *Elephant grass* had the highest

Pb concentration of 5.34 mg/kg. In the control site vegetation samples, root samples had low Pb concentrations compared to the samples collected from the ULAB recycling site. High Pb concentrations in the root samples from the contaminated site may be due to the adsorption of Pb from contaminated water. Bottle Gourd and Malabar Spinach were the consumable vegetation in the site. Consumable vegetation available in the contaminated site was removed, as detailed below. Here it is necessary to state that Pb was not detected in the water samples collected during DSA from the vegetation sampling and control sites. For laboratory results, see **Appendix E.**

Figure 14: Shows Pb concentration of vegetable samples collected within 50 m of ULAB recycling site and control site.

Table 3: Pb concentration in vegetable and soil samples.

Sample No	Samples	Pb concentration in vegetation sample (AAS analysis) mg/kg	Pb concentration in soil of the sampling point mg/kg
	Within 50 m of the ULAB site		
A-1	Water Hyacinth1_Stem	3.27	-
A-2	Water Hyacinth 2_Stem	2.78	-
A-3	Water Hyacinth 1_Root	39.33	155
A-4	Water Hyacinth 2_Root	20.68	-
A-5	Elephant Grass_Stem	2.83	-
A-6	Elephant Grass_Root	384.88	-
A-7	Taro	2.39	-
A-8	Taro_Root	14.10	-
A-9	Bottle Gourd 1	7.21	18
A-10	Bottle Gourd 2	2.02	-
A-11	Malabar Spinach	3.23	34
A-12	Water Spinach	2.53	-
A-13	Alligator Weed	2.36	-
	Control site		
C-1	Bottle Gourd	2.17	30
C-2	Elephant Grass_Stem	5.34	16
–	Elephant Grass_Root	1.52	-
C-3	Water Hyacinth_stem	2.28	22
–	Water Hyacinth_Root	1.45	-
_	Malabar Spinach	4.78	-

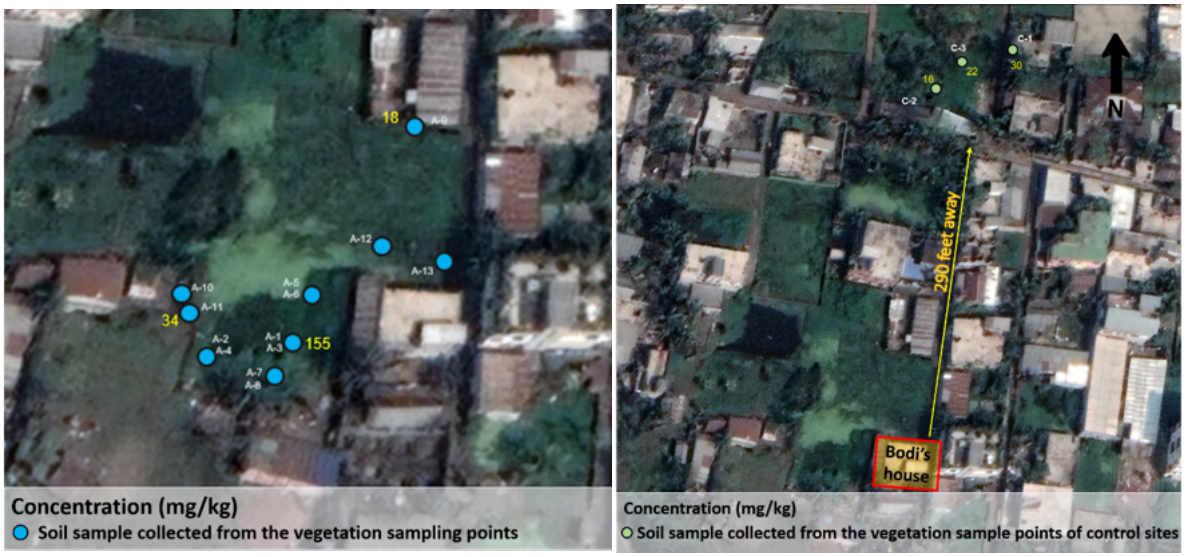


Figure 15: Shows Pb concentration of soil samples collected within 50 m of ULAB recycling site and control site.

3.4 Mohammadnagar ULAB recycling site remediation activities

3.4.1 Commencement of the clean-up work

The start of the clean-up work was designated for April 16, 2023. On this day, all the household waste and construction waste materials were collected from the western side of Mr. Badi's house (**Figure 13**). The stockpiling of the household and construction waste was covered with tarpaulin and dumped in the Rajbandh KCC dumping site. The program witnessed a great deal of stakeholder engagement. The DoE Director visited the site and gave his suggestions. We also discussed with landowners whose land was to be impacted by the clean-up work. The first day of field activity and community/ stakeholders visiting the site are presented in **Figure 16 and Figure 17**, respectively.

Figure 16: Household and other construction waste cleaning from the site.

Figure 17: DoE Director, landowners and Pure Earth team visited the site during the kick off day.

3.4.2 Capping work in the North and West dumping sites

Dyke construction

The North and West dumping sites were in waterlogged areas. Preparation of an earthen dyke was required to dewater the area before start of the clean-up work. An earthen dyke was built around the dumping sites and the water was pumped out in the adjacent water body (**Figure 18**). All workers were well equipped with PPE as specified in the Health and Safety Plan, and no ULAB recycling waste was collected or removed from the site during this process.

Figure 18: Earthen dyke in the West and North dumping sites

Delineation of the dumping sites

Additional delineation of the dumping sites was completed after the dewatering work. Battery waste became visible in the dumping sites after the dewatering work. The boundary of the dumping areas was confirmed by analyzing Pb concentrations of the soil at ground surface and at depth. Soil samples from surface and 1 ft depth were collected from both inside and outside of the planned bamboo piling demarcation areas to confirm that the Pb concentrations are below the recommended level. Bamboo piling was placed about 3 to 5 ft away from the waste dumping end point. **Figure 19** shows soil Pb concentrations in the North side dumping site. All the surface samples analyzed from the inside and outside of the bamboo piling areas showed Pb concentration below 400 ppm except one sample. However, when the samples were collected from 1 ft depth, no sample inside the bamboo piling showed a Pb

concentration above the recommended level (400 ppm). None of the samples from outside of the piling area indicated a Pb concentration above the recommended level.

Figure 19: Pb concentrations of surface and 1 ft depth soil samples from inside and outside of the bamboo piling area of the North dumping site

In the West dumping site, one sample from outside of the bamboo piling area showed a Pb concentration above 400 ppm. The reason for the high Pb concentration of the sampling point may be battery recycling waste deposit. Due to tubewell and other structures near the point, it was not possible to include the area inside the bamboo piling. We scraped contaminated soil from the point and ensured soil Pb concentration in the area was below 400 ppm. Several samples collected from inside of the piling area showed a Pb concentration above 400 ppm (**Figure 19** & **Figure 20**).

Figure 20: Pb concentrations of surface and 1 ft depth soil samples from inside and outside of the bamboo piling area of the West dumping site.

Bamboo piling work

After delineation of the dumping sites and measurement of soil Pb concentrations inside and outside of the planned bamboo fenced areas, the bamboo piling with netting started at the North and West dumping sites (**Figure 21**). Bamboo piling was considered before the capping work to prevent soil erosion from the capped area since the dumping site surrounding area was waterlogged. Heavy rainfall during the rainy season may erode the capping layers (sand and clean soil layers). There were some areas between the dumping sites where battery waste dumping was not evident and lead concentrations in soil were less than 400 ppm. Nonetheless, these area were capped for logistical reasons, e.g., to connect the North and West dumping areas.

Figure 21: Bamboo pilling work in the North and West side of Mr. Badi's house.

Sand filling in the dumping sites

The North and West dumping sites are contiguous and border two sides of Mr. Badi's residence. After installing the bamboo, the North and West dumping sites were filled with sand to facilitate placing the geotextile and sand atop it. (**Figure 22** & **Figure 23**). A total of 113 m^3 of sand was required for initial capping of the North and West dumping sites.

Figure 22: Sand filling of the North and West dumping sites.

Figure 23: North and West side dumping sites after 1 ft sand filling

Placing geotextile layer and clean soil

Before sand filling in the North and West dumping sites and the depression areas between these sites, the dumping locations were barricaded so that the geotextile layer could be placed properly over these areas once sand filling had stopped. A geotextile layer was placed a top of the sand-filled areas as a marker layer (**Figure 24**).

Figure 24: Placing geotextile layer in the North and west dumping sites.

Clean soil was purchased and XRF measurement was completed before and after the clean soil was placed in the dumping areas (**Figure 25**). The XRF measurement data of the clean soils are shown in **Table 5**. The maximum Pb concentration in the clean soil was found to be 33 ppm. The bamboo fenced areas of the North and West dumping sites was filled with 2 ft clean soil atop the geotextile and the one ft. of clean soil beneath it. In total, 226 m^3 of clean soil was required for capping the geotextile in the North and West dumping sites. A 1:1 slope in the capping soil was maintained adjacent to the bamboo fence to ensure that the bamboo fenced areas would remain intact. Note that the sloped areas are interior to the bamboo fence but outside the area that warranted capping, i.e., the full two ft. of soil atop the geotextile covers the actual dumping site with lead concentrations >400 ppm. (**Figure 26**).

Table 4: XRF measurements of the clean soil.

LOG ID		Pb Concentration (ppm)	LOG ID	Pb Concentration (ppm)
1886		21	**2094**	14
1887		16	**2095**	15
1888		17	**2096**	19
2054		33	**2097**	21
2055		21	**2098**	24
2056		22	**2099**	15
2057		28	**2100**	21
2058		17	**2101**	19
2059		17	**2102**	19
2060		15	**2103**	18
2088		21	**2104**	18
2089		24	**2105**	23
2090		11	**2106**	19
2091		17	**2107**	24
2092		29	**2108**	18
2093		9	**2109**	16

Figure 25: XRF measurement of the clean soil.

Figure 26: Placing clean soil and 1:1 slope work at North and West dumping site.

Bamboo piling outside of the dumping sites

To protect soil erosion at the inside of the bamboo piling areas another bamboo piling was installed about 2 ft far from the previous bamboo piling areas. Most of the areas between the two bamboo pilings constituted natural depressions. So first the depressed areas were filled with clean soil. Then 1.5 ft clean soil was placed to ensure a 1:1 slope between the top of the capped area and the surrounding areas. (**Figure 27**).

Figure 27: Bamboo pilling with 1:1 slope and placing grass at North and West dumping site.

Putting grass in the dumping sites

Grasses were brought from non-contaminated areas and placed above the 2 ft clean soil and 1:1 slope area (**Figure 28**). Grass cover was chosen because it will prevent soil erosion during heavy rainfall in the rainy season and hold the clean soil in place. The dumping sites before and after remediation work are shown in **Figure 28.**

Before

North dumping site before remediation work

After

North dumping site after remediation work

West dumping site before remediation work

West dumping site after remediation work

Figure 28: North and West dumping site before remediation work (left) and after remediation work (right).

3.4.3 Remediation of contaminated road, yard and other impacted areas

Soil scraping from the contaminated road, yard and impacted areas

During the DSA of the Mohammadnagar ULAB site, high Pb concentration was found in the surface soil of the surroundings of Mr. Badi Mia's house and nearby brick soling road and yard areas. The contaminated soil was first scraped from the affected areas. Proper signage and barricades were ensured for keeping people clear of the scraping area since there was a high chance of Pb exposure from contaminated soil and dust. Frequent water spraying was considered to control the dust. Safety jacket, N 95 Mask, goggle, and other required PPE was ensured for workers who were engaged in the scraping work. Frequent XRF measurements were taken during the scraping work to ensure that all contaminated soils were removed. About 6 inch soil was scraped from

the unpaved contaminated areas. Except for the dumping sites, the majority of the impacted areas (**Figure 29**) were brick soling such as the road adjacent to Mr. Badi's house and house yards. From the brick soling areas, soil from the bricks surface and spaces between the bricks was scraped (**Figure 30**). An area of approximately 158 m^2 was chosen for the soil scraping work. The scraped contaminated soil was stored in plastic bags and covered with a tarpaulin; this contaminated soil was later spread atop the Southern dumping area prior to placing the geotextile and capping with clean soil, as detailed below. After scraping the soil, the entire brick soling road and yard areas were washed with clean water and an XRF measurement was taken. Most of the brick soling areas betrayed high Pb concentrations after the scraping work (**Figure 31**) while other unpaved impacted areas were found to be contamination-free (**Figure 32**). In the brick soling road and house yard areas the highest lead concentration was 11,500 ppm. In general, it was not possible to remove dust or mud completely from the uneven surface of the brick work. As well, mud from spaces between the bricks could be washed out during rainy season. So, covering the brick soling areas with concrete proved to be a feasible solution to protect from further Pb exposure.

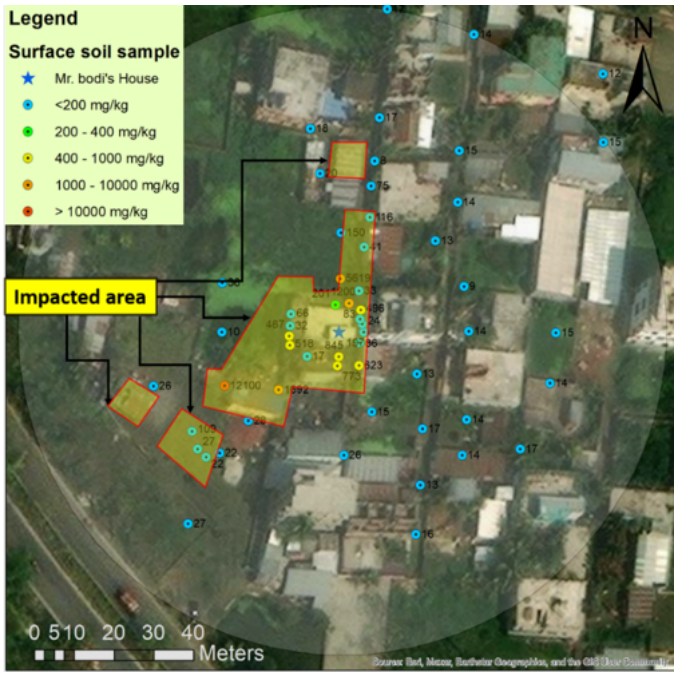


Figure 29: Impacted area.

Figure 30: Scraping of soil from brick soling road and yard areas.

Figure 31: Pb concentrations in the brick soling road and house yard areas after soil scraping.

Figure 32: XRF measurement from unpaved contaminated areas.

Brick soling road and yard concrete work

Cement and sand mixture layer was placed in the brick soling road and house yard areas. The concrete work was covered an area of 158 m^2 (**Figure 33**). After the concrete work, 11 XRF measurements were taken from the road and 16 XRF measurements were taken of the house yard areas. None of the measurements showed a Pb concentration > 400 ppm (**Figure 34**).

Figure 33: Road and house yard brick soling area before (left) and after (right) concrete work.

Figure 34: Map showing lead concentration of yard, road areas after concrete work

3.4.4 Capping work at the South dumping site

Delineation of the dumping site

The South dumping site and surrounding areas were low land in 2016 when the battery recycling was in operation. After the dumping occurred, the landowners filled the whole area with sand about 3 years ago. The location and extent of the dumping area was unclear at the start of the project due to the addition of up to 3 ft. of sand atop this area. In addition, the South dumping site was even with surrounding grade level, making capping somewhat challenging.

The approximate center point of the South dumping site was identified by consultation with the community's people. From the center point, borings using an auger was considered for different directions of the dumping site, and soil/battery waste samples were collected for XRF reading to confirm dumping area and filled sand depth. Except for the border areas of the dumping site, depth refers to the sand layer's depth above the dumped waste. Soil/battery waste samples were collected where the sand layer ends and soil and battery waste layer starts. **Figure 35** displays the Pb concentration of different depth soil/battery waste samples. During the DSA of the site, no contamination was detected in the sand layer. In the border of the dumping area, we looked at 3 ft depth soil samples for XRF measurement to confirm where the dumping area ended. The point showed that 21000 ppm Pb concentration was considered as the center point during delineation of the dumping area. The XRF readings are available in **Appendix F.**

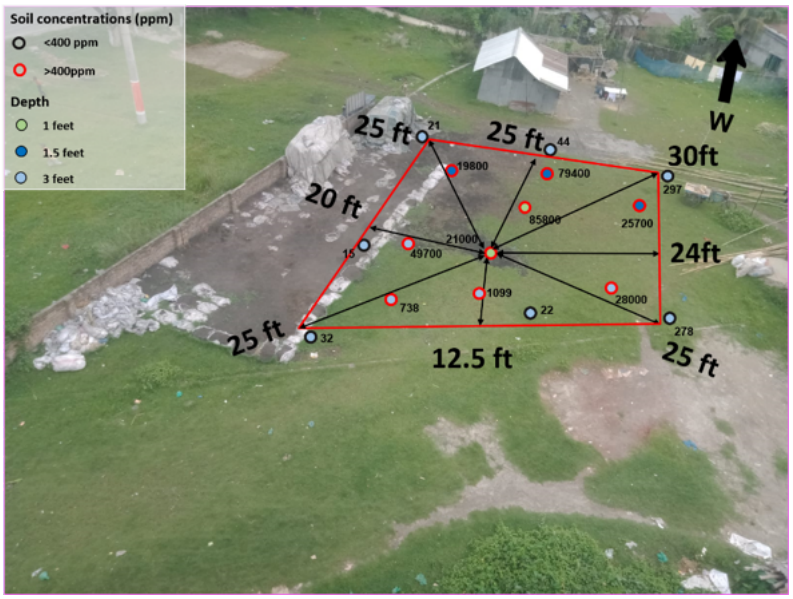


Figure 35: Delineation of the South battery waste dumping site.

Excavation of sand from the South dumping site

After delineation of the South dumping site, it was confirmed that no battery wastes or soil with lead concentrations >400 ppm was evident within a depth of 1 ft. So, excavation of the upper 1 ft. of the sand layer was considered to facilitate placing the geotextile marker layer and additional soil while not adversely affecting area grading (**Figure 36**). An area of nearly 136 m^2 atop the dumping site was manually excavated. First, the top 6 inches of sand were excavated. Frequent XRF measurements were taken during excavation work to ensure Pb concentration of the scraped sand was below 400 ppm and dumped battery waste were not exposed (**Figure 37**). Only one measurement showed a lead concentration higher than 400 ppm (**Figure 38**). Scraping of 2 inches of contaminated sand from the location and surrounding 3 ft area was considered. After scraping, the Pb concentration was found to be below 400 ppm in the location and surrounding areas. Then 1 ft excavation of the dumping area was done. During this 1 ft excavation, XRF measurements were taken and found all the excavated area Pb concentration below 400 ppm (**Figure 39**). The excavated sand stockpile was covered with tarpaulin after the day's work ended (**Figure 40**).

Figure 36: Excavation of top 1 ft soil of the south dumping site.

Figure 37: XRF measurements taken during excavation work of the south dumping site.

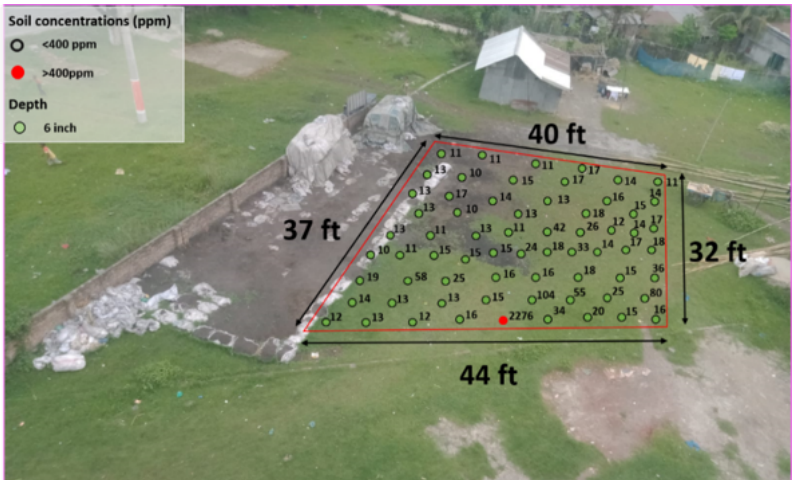


Figure 38: XRF measurements after 6 inch excavation of the dumping site.

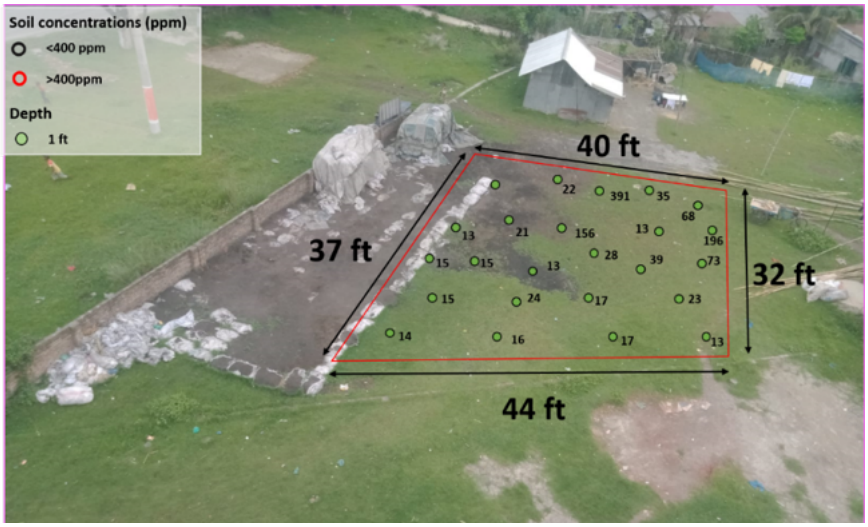


Figure 39: XRF measurements after 1 ft excavation of the dumping site.

Figure 40: Tarpaulin was used for covering the excavated clean sand stockpile of the south dumping site.

Placing contaminated scraped soil on the top of the excavated area

The scraped contaminated soil from brick soling yard and road, and from other lead-contaminated area was placed atop the Southern dumping area where 1 ft of clean soil had been excavated (**Figure 41**). The spread soil was about 0.5 inches thick.

Figure 41: Placing scrapped contaminated soil and geotextile marker layer in the South dumping site.

Placing the geotextile layer and excavated sand

After placing scraped contaminated soil on top of the 1 ft excavated area, a geotextile layer was placed over the dumping areas **(Figure 41)**. Then the total area was filled with the previously excavated clean sand, and the sand layer was leveled and compacted by spraying water and hammering.

Placing clean soil and grass on the site

After compaction of the sand layer, 1 feet clean soil was placed above the sand-filled dumping areas. So there was 2 feet capping above the geotextile layer, 1 feet with excavated sand and another 1 feet with clean soil. The clean soil layer was hammered and leveled. 1:1 slope was considered beyond the edges of the dumping areas **(Figure 42)**. To prevent soil erosion the whole dumping area including the 1:1 slope area was covered with grass. The south dumping site before and after the remediation work is depicted in **Figure 43.**

Figure 42: Filing south dumping site with 1 ft excavated sand and 1ft clean soil.

Figure 43: South dumping site before (left) and after (right) remediation work.

3.5 House and yard cleaning work

During remediation activity XRF measurements of the household dust, courtyard soil and household soft materials (mattress, pillow and sofa) were taken from households located within 50 m of Mr. Badi's house. Both impacted areas and the surrounding households were accounted for the house and yard cleaning activity. The XRF measurements were done to select the houses that required cleaning work **(Figure 44).** Courtyards soil samples from different direction of the households were considered during XRF measurements. A Ziploc bag was provided to every individual household to collect the dust. They were requested to collect dust after sweeping the floors and mattresses and stored in the Ziploc bag. The dust samples were then labeled with GPS coordinates and an identifying code, and XRF measurements were taken. For household soft materials, XRF measurements were taken from the mattresses, pillows of the bed room and cushions of sofa.

Figure 44: Pb concentration; in the courtyard soil samples (a); in household soft materials (b) and in household dust (c)

Out of 25 XRF measurements taken from the courtyard soil samples, 5 samples revealed high Pb concentrations. All those samples were collected from Mr. Badi's courtyard. The rest of the courtyard soil samples were Pb contamination-free (**Table 6)**. As previously mentioned, Pb contaminated soil removal from brick soling road and yard was not possible due to uneven surface of the brick and mud from spaces between the bricks could be washed out during rainy season. So, we considered covering the brick soling areas with concrete to mitigate the Pb exposure. Some households' dust samples showed high Pb concentrations **(Figure 44)**. XRF measurements of the household soft materials revealed four households' soft materials had Pb concentrations higher than 400 ppm (**Table 6**).

Table 6: XRF measurements from household soft materials, courtyard soil and household dust samples.

House hold No.	Soft material samples		House hold No.	Courtyard soil samples		House hold No.	Household dust samples	
	LOG ID	Pb Conc (PPM)		LOG ID	Pb Conc (PPM)		LOG ID	Pb Conc (PPM)
HH13	876	7	HH12	714	19	HH10	713	32
HH1	879	43	HH11	715	17	HH11	716	58
HH2	880	141		717	15	HH1	724	567
	881	490	HH10	718	26	HH5	725	122
HH3	882	155	HH5	719	25		726	48
	883	199		720	64	HH6	729	20
	884	924	HH9	721	24	HH7	732	31
	885	92		727	16	HH8	734	32
HH4	886	836	HH8	728	19	HH12	736	30
	887	634		730	18	HH2	901	14
	888	206	HH7	731	14		908	1092
	889	11		733	17	HH3	909	1336
HH5	890	6	HH6	735	19		910	1524
	891	183	HH10	737	30	HH4	911	2565
	892	761	HH12	896	18		912	31
	893	146	HH1	1166	34	HH9	913	27
	894	11		1165	26		1173	41
HH6	895	12		1167	48	HH13	1215	27
HH7	897	12	HH13	1170	38			
	898	108		1795	30			
HH8	899	75	HH4	2015	811			
HH9	900	ND		2020	2047			
	902	23		2023	758			
HH10	903	24	HH2	2027	1507			
HH11	904	39		2029	1320			
	905	ND						
HH12	906	55						
	907	22						

After identification of 5 affected houses, we cleaned the households following the protocols specified in the project plan “Lead Risk-Mitigation Project Plan, BD-4938 Mr. Badi’s ULAB Recycling Works Mohammadnagar, Khulna, Bangladesh, dated April 20, 2023”. A three-step cleaning procedure was used:

1) Removing all materials and vacuuming the area with a HEPA vacuum (HEPA: High Efficiency Particulate Air filter. HEPA filters can remove fine dust particulates greater than 0.3 microns in diameter with 99.97% efficiency).

2) Wet washing and scrubbing with a detergent solution to dislodge lead dust, followed by a clean water rinse and wet vacuuming to removal all water. About 0.2 m^3 of water used for washing and cleaning purposes was disposed into the Pb contaminated underground tank (containing 8.1 m^3 of Pb contaminated water) located in the Labanchora Pb smelter site Khulna. The detailed of the underground tank and wastewater Pb concentrations are available in the draft DSA report of the Labanchora Pb smelter site “Detailed Site Assessment, BD-4834 Lead Smelting Works Kuwait Mosque Area, Labanchora, Khulna, Dated March 05, 2023”. Pure Earth has plan to remediate the Labanchora site including the underground tank Pb contaminated water after the end of rainy season of 2023.

3) A final HEPA vacuuming after all surfaces have dried. Furniture and other personal items were moved back into the rooms after the items and room had been cleaned. All hallways and central areas were then cleaned thoroughly following the same three-step process.

Details of the households and house cleaning work are discussed below:

Houses 1, 2 and 3 had Pb concentration > 400 ppm in dust samples. Houses 2 and 3 had soft materials with high Pb concentrations ranging from 490–761 ppm. These three houses were made of corrugated iron sheets. The houses’ floors were brick soling. We wet mopped the houses with a detergent solution including the tin surface from the outside and inside. After drying the houses were vacuumed with a HEPA vacuum cleaner including soft materials and furniture.

House 4 was Mr. Badi Mia’s house. The house was the source of the ULAB recycling activities. High Pb concentration was found in the household dust samples (2565 ppm) and in soft materials like pillows and mattresses. This house was fully concrete-built.

At first all the furniture was removed and thoroughly dry cleaned with a HEPA vacuum cleaner. All the rooms were then dry cleaned with a HEPA vacuum cleaner including the floor, walls, and ceilings. Detergent water was sprayed and the area scrubbed prior to washing with clean water (**Figure 45**). After wet cleaning, a final HEPA vacuuming was done to remove any leftover dusts. The soft materials including mattresses and pillows were thoroughly vacuumed as per the protocol stated in the project plan (**Figure 46**).

House 5 was located about 40 m far from the source house. It was on the North side. Only one XRF reading was found and it was >400 ppm in the mattresses. When the ULAB recycling activity was in operation the household members lived within 10 meters of Mr. Badi's house. Some of the household members also worked in Mr. Badi's ULAB recycling operation. Later they moved to the present location. This house was semi-pacca. Wet and dry cleaning was done for it similar to house 4.

Figure 45: Photos showing house cleaning work (wet Cleaning).

Figure 46: Photos showing house cleaning work (Dry cleaning).

After completing the house- cleaning activities, XRF measurements of dust and soft materials were taken again to confirm that houses were cleaned and all the XRF readings were below 400 ppm (**Figure 47).**

Figure 47: Map showing Pb concentration of household dust sample and household soft materials samples after household cleaning activities.

3.6 Outside fencing and tree plantation on the dumping sites

Shallow rooted 3 flower plants and 3 fruit plants were planted in the capped areas. The main reason of planting shallow rooted plants was to ensure that plants roots will not penetrate the geotextile layers. Tree plantation was chosen because it can protect against soil erosion and retain the long-term sustainability of the capped areas. In addition, bamboo fence and netting were put in place to safeguard the trees from animals (**Figure 48** and **Figure 49**).

Figure 48: The West (left) and the North (right) dumping sites after fencing and tree plantation work.

Figure 49: The South dumping sites after fencing and tree plantation work.

3.7 Waste management

Contaminated scraped soil

All the scraped contaminated soil (e.g., from the brick roadway) was stored in plastic bags and covered using a tarpaulin. The scraped contaminated soil was then dumped into the South dumping site before putting the geotextile layer in place.

Old plastic battery cases

From the dumping sites and house yard areas 30 old plastic battery cases were found. The battery cases were stored and covered with a tarpaulin. The battery cases were handed over to Abdullah Battery Co. for recycling (**Figure 50**). All the waste management records are available in the waste management register (**see Appendix D**).

Figure 50: Handed over of the plastic battery cases to Abdullah Battery Co.

Household waste

Household wastes, both biodegradable and non-biodegradable (cloths, polythene sheet, pet bottles, kitchen waste, wood, bricks) available near the West dumping site were cleaned. The waste collected from the site was disposed of at the KCC waste dumping site.

3.8 Final XRF measurement of the impacted areas

The total impacted area of Mohammadnagar ULAB recycling site was calculated and it was roughly 1350 m^2. A total of 109 XRF measurements were taken from the impacted areas. From the contaminated courtyard, roads and other unpaved surface areas, 39 XRF readings were taken and all measurements were found to be <400 ppm. The average Pb concentration was 59 ppm compared to the average Pb concentration of 466 ppm prior to the clean-up work. The maximum concentration was 186 ppm. At the impacted houses, 18 XRF measurements (dusts and soft materials like pillow and mattresses) were taken. The mean Pb concentration was 67 ppm with a maximum reading of 234 ppm. From the North and West dumping sites, 34 XRF readings of the clean soil were taken. The average and maximum Pb concentrations were 22 and 48 ppm, respectively. Eighteen XRF measurements were done at the South dumping site and the average and maximum concentrations were, respectively, 18 and 26 ppm. Details of the XRF measurements are presented in **Table 7.**

Table 6: Final XRF measurements of the remediation site

ULAB impacted sites	**Area (m^2)**	**Number of XRF readings**	**Mean**	**Median**	**Minimum**	**Maximum**
Contaminated yards, roads and other impacted areas	780	39	59	46	15	186
Impacted houses	120	18	67	29	0	234
North and West dumping site and surroundings	300	34	22	22	15	48
South dumping site and surroundings	150	18	17	16	11	26

3.9 Distribution of leaflets of project activities

Once the clean-up work was completed, activities and capped area detailed information including location map was prepared and distributed to all people in the community. Details of capping work were shared with them and especially making the point that they should not disturb the capped area (**Figure 51**). The leaflet included recent pictures of dumping sites and graphical representation of layers beneath the dumping sites after remediation work (**Figure 52**). Through the leaflet, we requested them not to disturb the dumping area as this will reduce any likelihood of lead exposure in future. We talked with the local people and made them aware about the importance of leaving the capped areas alone.

Figure 51: Leaflet distribution among the community people.

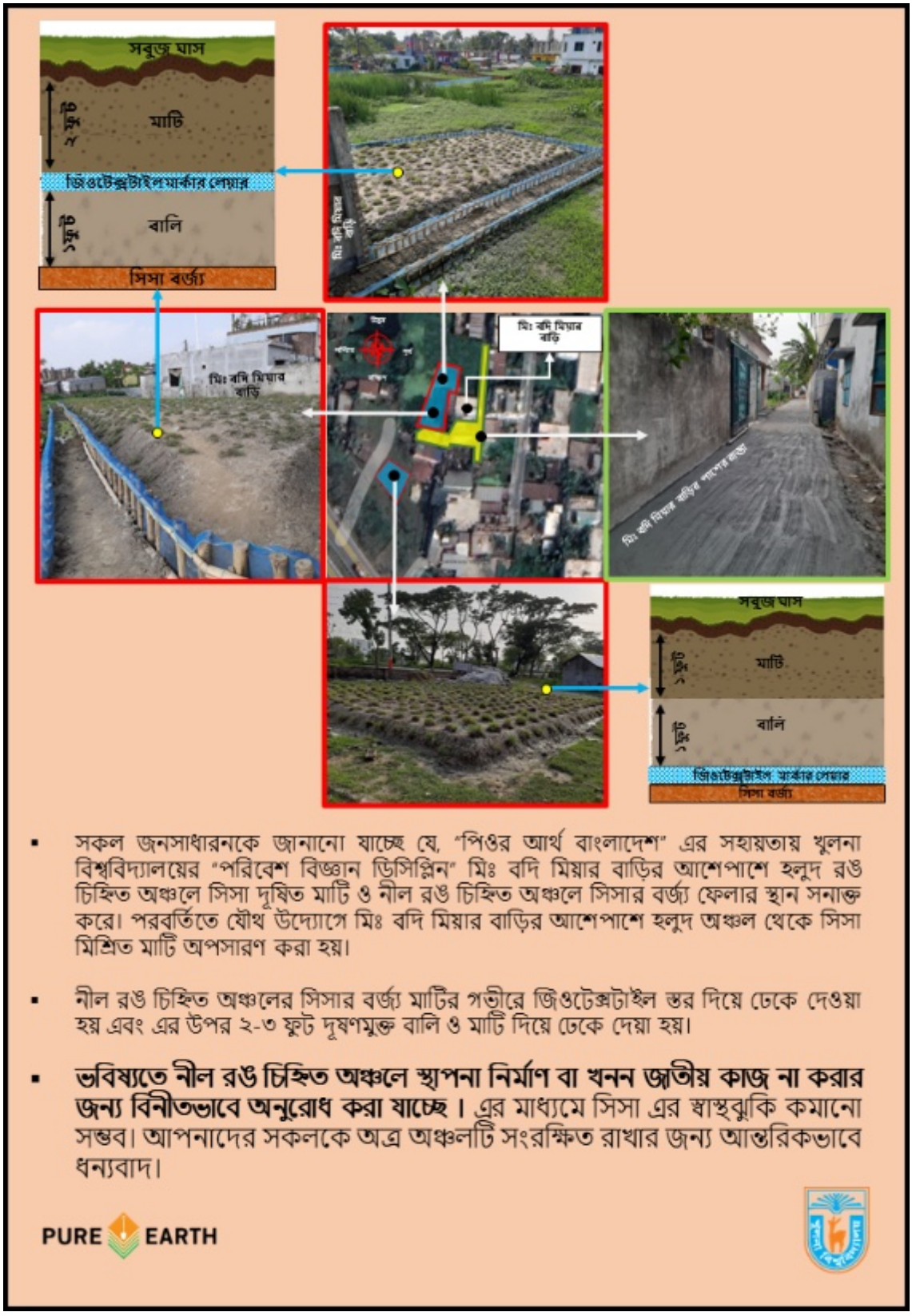


Figure 52: Leaflet showing impacted area map, cleanup work details and key messages in local language.

3.10 Grievance Redress Mechanism (GRM)

Seven grievances were recorded during the clean-up work (see **Appendix C**). One neighbor complained that local people were not employed to help with this work. To solve the issue local interested workers were recruited. One worker complained that due to the high humidity he found it difficult to work wearing PPE. Frequent breaks were provided to all workers to solve the issue as best as possible. There were some grievances directly related to the clean-up activities. During dyke work in the North dumping site, Mr. Badi complained that we were excavating soil from road areas and putting it in the dyke work. We stopped using soil from the roadside and collected soil from elsewhere. Mr. Badi's wife commented on solving the waterlogging issue that occurred on the South side of the West dumping site. Natural drainage was hampered due to the capping work, and the courtyard area was under threat from waterlogging **(Figure 53)**. Natural drainage was put in place to solve the issue. Md. Ismail Hossain, one of the landowners of the West dumping site, complained that he was not informed about the clean-up work and several other landowners of the area had the same experience. The project leader talked with him over the phone, and he was happy after understanding the importance of the work. Md. Liakat, the owner of the South dumping site, complained that several portions of his land were damaged due to transportation of the heavy vehicles for clean soil transportation. He wanted the damaged areas to be repaired and this was subsequently done **(Figure 54)**.

Figure 53: Waterlogging issue due to the capping work in the South site of the West dumping site.

Figure 54: Unpaved area damaged due to the heavy vehicle transportation was repaired.

3.11 Communication with Pure Earth technical advisor and Pure Earth Bangladesh team

Regular communication was maintained with the Pure Earth Bangladesh team. Several meetings were conducted with the technical advisor, Gordon K. Binkhorst of Pure Earth in New York. Comments and suggestions of the Pure Earth team members were taken into account during the clean-up work. Progress of the clean-up work was also shared weekly via email.

4. Conclusions

About 1350 m^2 of the impacted area surrounding the ULAB recycling site was capped with a geotextile and clean soil during the clean-up work. The risk-mitigation strategy for the Mohammadnagar recycling site included the following major project elements, which were completed within 2.5 months from 1 April 2023 through to 15 June 2022:

Awareness program: A community and stakeholder engagement program about the risks of Pb in general and the risk-mitigation project was held before the clean-up work commenced. The program explained the purpose of community participation and stakeholder engagement in the clean-up work.

Road and yard remediation: Scraping of 1.8 m^3 of contaminated soil from the impacted area was then buried at a depth of 1 ft at the South dumping site before a geotextile market layer was put in place. Brick soling yard and road covering an approximate area of 158 m^2 was concreted to stop or minimize exposure to lead.

Capping work: About 436 m^2 (300 m^2 in the North and West dumping sites and 136 m^2 in the South dumping site) area was capped with sand and clean soil. Before the clean soil was delivered to the site, sand and a geotextile marker layer was put in place. The area was then subjected to extensive fencing and tree plantation to prevent soil erosion.

Old battery cases: 30 battery cases were collected and handed over to Abdullah Battery Co. for recycling.

House cleaning: Five households were found to be contaminated. Households were cleaned according to the protocol stated in the project plan.

Long Term Monitoring and Maintenance Plan

Since this is a risk mitigation project, and while capping is not a permanent solution it does mitigate exposure with an appropriate long term monitoring program to make sure the cap remains in place. There is possibility of further exposure from capped area and brick soling road and yard paved areas. So we considered a 5 years monitoring plan for the remediation site. The monitoring plan includes annual inspection, repair of capping material, no excavation in area of caps; restricted site

usage; XRF at ground surface; inspection of paved area on roadway and yard; reporting; photos etc.

Appendix A: Daily worksheet, Worker's Attendance Sheet, List of Equipment purchased

Daily Work sheet
Mohammadnagar Risk Reduction Project
Date: 14.04.2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	3 / 1		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	(Yes)	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	(Yes)	No	Not Applic.	
4	Gazi Mohammad Faruk Hossain on site? Circle ans.	(Yes)	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	NO			
6	Description of the work completed:	Part of earthen embank -ment			
7	Description of the work planned tomorrow:	Dewatering and embank -ment work			
8	Number of XRF measurement made/ covering__m² Attach data sheet.	___/___ m²		(Not Applic.)	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	(Yes)	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	(Yes)	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	(Not Applic.)	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	NO			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	Not applicable			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	Mr. Badi			Regarding road side soil. Detail in registry
15	Accidents/ illness? Describe and detail outcome.	NO			
16	Overall progress? Ways to expedite/improved? Describe.	Improvement			
17	Samples collected for laboratory testing? Describe.	NO			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	NO			
19	Education/awareness campaign activities? Detail.	NO			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	NO			
21	Visitors to site (DoE, UNICEF; others)? Detail.	NO			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	(Not Applic.)	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran.			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted):				

Notes:

1. Sheet to be filled out daily and attached to weekly summary report.
2. Attach and supporting documentation (e.g., repress, photos, maps, XRF data sheets. Sample logs) to sheet and in weekly summary/report.
3. Amend/edit Daily Work Sheet to fit project needs.

Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 15.04.2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	3 / 1		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	(Yes)	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	(Yes)	No	Not Applic.	
4	Gazi Mohammad Faruk Hossain on site? Circle ans.	(Yes)	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	NO			
6	Description of the work completed:	Part of embankment and dewatering			
7	Description of the work planned tomorrow:	Continue embankment work			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___ / ___ m^2		(Not Applic)	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	(Yes)	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	(Yes)	No	Not Applic	
11	Worker's laundry completed? Circle ans.	(Yes)	No	Not Applic.	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	NO			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	Not applicable			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	Mr. Bodi's neigh-bour		Husband's employment.	Detail in registry
15	Accidents/ illness? Describe and detail outcome.	Muscle pain		Medicine provided.	Detail in registry
16	Overall progress? Ways to expedite/improved? Describe.	Need more improvement			
17	Samples collected for laboratory testing? Describe.	NO			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	NO			
19	Education/awareness campaign activities? Detail.	NO			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	NO			
21	Visitors to site (DoE, UNICEF; others)? Detail.	NO			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	(Not Applic.)	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran.			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted):				

Notes:

1. Sheet to be filled out daily and attached to weekly summary report.
2. Attach and supporting documentation (e.g., repress, photos, maps, XRF data sheets. Sample logs) to sheet and in weekly summary/report.
3. Amend/edit Daily Work Sheet to fit project needs.

Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 16.04.2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	4 / 1		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	(Yes)	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	(Yes)	No	Not Applic.	
4	Gazi Mohammad Faruk Hossain on site? Circle ans.	(Yes)	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	NO			
6	Description of the work completed:	Embonkment and cleared bushes			
7	Description of the work planned tomorrow:	Pilling WOTCK			
8	Number of XRF measurement made/ covering__m² Attach data sheet.	___ / ___ m²		(Not Applic.)	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	(Yes)	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	(Yes)	No	Not Applic	
11	Worker's laundry completed? Circle ans.	(Yes)	No	Not Applic.	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	NO			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	Covered			Dumped in Rajbandh. Detail in registry
14	Complaints and compliments (e.g., from community, workers and others). Detail.	Md. Shukkur			Uneasy in PPE. Detail in the registry.
15	Accidents/ illness? Describe and detail outcome.	NO			
16	Overall progress? Ways to expedite/improved? Describe.	Improvement			
17	Samples collected for laboratory testing? Describe.	NO			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	NO			
19	Education/awareness campaign activities? Detail.	NO			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	NO			
21	Visitors to site (DoE, UNICEF; others)? Detail.	Yes			DoE
22	Visitors informed of/followed H&S requirements? Circle.	(Yes)	No	Not Applic.	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran.			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted):				

Notes:

1. Sheet to be filled out daily and attached to weekly summary report.
2. Attach and supporting documentation (e.g., repress, photos, maps, XRF data sheets. Sample logs) to sheet and in weekly summary/report.
3. Amend/edit Daily Work Sheet to fit project needs.

Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 24.04.2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	3 / 1		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	(Yes)	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	Yes	(No)	Not Applic.	
4	Gazi Mohammad Faruk Hossain on site? Circle ans.	(Yes)	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	NO			
6	Description of the work completed:	Bamboo cutting, pilling and net joining			
7	Description of the work planned tomorrow:	same task			
8	Number of XRF measurement made/ covering__m² Attach data sheet.	___ / ___ m²		(Not Applic.)	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	(Yes)	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	(Yes)	No	Not Applic	
11	Worker's laundry completed? Circle ans.	(Yes)	No	Not Applic.	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	NO			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	Not applicable			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	NO			
15	Accidents/ illness? Describe and detail outcome.	NO			
16	Overall progress? Ways to expedite/improved? Describe.	Improvement			
17	Samples collected for laboratory testing? Describe.	NO			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	NO			
19	Education/awareness campaign activities? Detail.	NO			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	NO			
21	Visitors to site (DoE, UNICEF; others)? Detail.	DoE			
22	Visitors informed of/followed H&S requirements? Circle.	(Yes)	No	Not Applic.	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran.			
	Rashedul Islam:				
25	Other signature (as warranted):				

Notes:

1. Sheet to be filled out daily and attached to weekly summary report.
2. Attach and supporting documentation (e.g., repress, photos, maps, XRF data sheets. Sample logs) to sheet and in weekly summary/report.
3. Amend/edit Daily Work Sheet to fit project needs.

Daily Work sheet
Mohammadnagar Risk Reduction Project
Date: 25.04.2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	3 / 1		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	(Yes)	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	(Yes)	No	Not Applic.	
4	Gazi Mohammad Faruk Hossain on site? Circle ans.	(Yes)	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	NO			
6	Description of the work completed:	Bamboo cutting, pilling and net joining			
7	Description of the work planned tomorrow:	Same task and cleaning			
8	Number of XRF measurement made/ covering__m² Attach data sheet.	___/___ m²		(Not Applic)	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	(Yes)	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	(Yes)	No	Not Applic	
11	Worker's laundry completed? Circle ans.	(Yes)	No	Not Applic.	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	NO			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	Not applicable			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	No complain			
15	Accidents/ illness? Describe and detail outcome.	NO			
16	Overall progress? Ways to expedite/improved? Describe.	Improvement			
17	Samples collected for laboratory testing? Describe.	NO			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	NO			
19	Education/awareness campaign activities? Detail.	NO			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	NO			
21	Visitors to site (DoE, UNICEF; others)? Detail.	NO			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	(Not Applic.)	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran.			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted):				

Notes:

1. Sheet to be filled out daily and attached to weekly summary report.
2. Attach and supporting documentation (e.g., repress, photos, maps, XRF data sheets. Sample logs) to sheet and in weekly summary/report.
3. Amend/edit Daily Work Sheet to fit project needs.

Daily Work sheet
Mohammadnagar Risk Reduction Project
Date: 26.04.2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	4 / 1		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	(Yes)	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	(Yes)	No	Not Applic.	
4	Gazi Mohammad Faruk Hossain on site? Circle ans.	(Yes)	No	Not Applic.	
5	Mechan... equipment on site? (Describe):	NO			
6	Description of the work completed:	Pilling, net joining and waste clearing			
7	Description of the work planned tomorrow:	Continue pilling			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___ / ___ m^2		(Not Applic.)	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	(Yes)	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	(Yes)	No	Not Applic	
11	Worker's laundry completed? Circle ans.	(Yes)	No	Not Applic.	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	NO			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	Covered			Dumped in Rajbandh. Detail in registry
14	Complaints and compliments (e.g., from community, workers and others). Detail.	No complain			
15	Accidents/ illness? Describe and detail outcome.	Minor headache			Medicine provided. Detail in registry.
16	Overall progress? Ways to expedite/improved? Describe.	Slow prograss			
17	Samples collected for laboratory testing? Describe.	NO			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	NO			
19	Education/awareness campaign activities? Detail.	NO			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	NO			
21	Visitors to site (DoE, UNICEF; others)? Detail.	NO			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	(Not Applic.)	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran.			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted):				

Notes:

1. Sheet to be filled out daily and attached to weekly summary report.
2. Attach and supporting documentation (e.g., repress, photos, maps, XRF data sheets. Sample logs) to sheet and in weekly summary/report.
3. Amend/edit Daily Work Sheet to fit project needs.

Daily Work sheet
Mohammadnagar Risk Reduction Project
Date: 27.04.2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	2 / 1		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	(Yes)	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	(Yes)	No	Not Applic.	
4	Gazi Mohammad Faruk Hossain on site? Circle ans.	(Yes)	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	NO			
6	Description of the work completed:	Pilling and net joining			
7	Description of the work planned tomorrow:	Sample collection			
8	Number of XRF measurement made/ covering__m² Attach data sheet.	___ / ___ m²		(Not Applic.)	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	(Yes)	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	(Yes)	No	Not Applic	
11	Worker's laundry completed? Circle ans.	(Yes)	No	Not Applic.	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	No			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	Not applicable			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	Community			Appricated
15	Accidents/ illness? Describe and detail outcome.	No			
16	Overall progress? Ways to expedite/improved? Describe.	Improved			
17	Samples collected for laboratory testing? Describe.	No			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	No			
19	Education/awareness campaign activities? Detail.	No			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	No			
21	Visitors to site (DoE, UNICEF; others)? Detail.	DoE			
22	Visitors informed of/followed H&S requirements? Circle.	(Yes)	No	Not Applic.	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran.			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted):				

Notes:

1. Sheet to be filled out daily and attached to weekly summary report.
2. Attach and supporting documentation (e.g., repress, photos, maps, XRF data sheets. Sample logs) to sheet and in weekly summary/report.
3. Amend/edit Daily Work Sheet to fit project needs.

Daily Work sheet
Mohammadnagar Risk Reduction Project
Date: 28.04.2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	2 / 1		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	(Yes)	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	(Yes)	No	Not Applic.	
4	Gazi Mohammad Faruk Hossain on site? Circle ans.	(Yes)	No	Not Applic.	
5	Mechan... equipment on site? (Describe):	NO			
6	Description of the work completed:	Sample collection			
7	Description of the work planned tomorrow:	Sand filling			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	55 / 378m^2		Not Applic.	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	(Yes)	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	(Yes)	No	Not Applic	
11	Worker's laundry completed? Circle ans.	(Yes)	No	Not Applic.	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	NO			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	Not applicable			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	No complain			
15	Accidents/ illness? Describe and detail outcome.	NO			
16	Overall progress? Ways to expedite/improved? Describe.	Improved			
17	Samples collected for laboratory testing? Describe.	Yes			Soil and vegetation
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	NO			
19	Education/awareness campaign activities? Detail.	NO			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	NO			
21	Visitors to site (DoE, UNICEF; others)? Detail.	NO			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	(Not Applic.)	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran.			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted):				

Notes:

1. Sheet to be filled out daily and attached to weekly summary report.
2. Attach and supporting documentation (e.g., repress, photos, maps, XRF data sheets. Sample logs) to sheet and in weekly summary/report.
3. Amend/edit Daily Work Sheet to fit project needs.

Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 30.04.2023

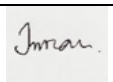
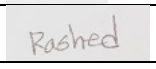
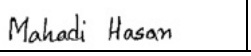
Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	2 / 1		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	(Yes)	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	(Yes)	No	Not Applic.	
4	Gazi Mohammad Faruk Hossain on site? Circle ans.	(Yes)	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	NO			
6	Description of the work completed:	Sand filling			
7	Description of the work planned tomorrow:	Preparation for geo textile placement			
8	Number of XRF measurement made/ covering__m² Attach data sheet.	___ / ___ m²		(Not Applic.)	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	(Yes)	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	(Yes)	No	Not Applic	
11	Worker's laundry completed? Circle ans.	(Yes)	No	Not Applic.	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	NO			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	Not applicable			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	Waterlogging issue solved. Detail in the registry			
15	Accidents/ illness? Describe and detail outcome.	NO			
16	Overall progress? Ways to expedite/improved? Describe.	Improved			
17	Samples collected for laboratory testing? Describe.	NO			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	NO			
19	Education/awareness campaign activities? Detail.	NO			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	NO			
21	Visitors to site (DoE, UNICEF; others)? Detail.	NO			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	(Not Applic.)	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran.			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted):				

Notes:

1. Sheet to be filled out daily and attached to weekly summary report.
2. Attach and supporting documentation (e.g., repress, photos, maps, XRF data sheets. Sample logs) to sheet and in weekly summary/report.
3. Amend/edit Daily Work Sheet to fit project needs.

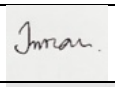
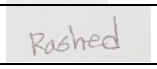
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: ____03/05/2023__

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	__8 / _1__		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	Yes	**No**	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Leveling the sand filled area at North and West dumping site and scraping house yard area			
7	Description of the work planned tomorrow:	Continue of scraping soil from the Mr. Bodi's yard and manual excavating of the south dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	____ / ___m^2		**Not Applic.**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	**Yes**	No	Not Applic.	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Covered**			Scrapped soils are covered with tarpaulin
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**Yes**			One of the land owners of the South dumping site complaint that nobody informed him about the work on his land (details are available in the grievance register)
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			oral rehydration solution (ORS) is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applic**.	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted):				

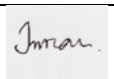
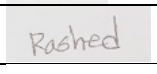
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: ____04/05/2023____

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**__14 / _1__**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Manual excavation of the south dumping site and scraping of the Mr. Bodi's yard and adjacent road			
7	Description of the work planned tomorrow:	Continue work of manual excavation of the south dumping site and scraping of the Mr. Bodi;s yard and adjacent road			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	**56 / 120m^2**		Not Applic.	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applic.**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Covered**			Scrapped soil are covered with tarpaulin
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration and muscle pain of a worker**			ORS and paracetamol is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**no**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**Yes**			DoE Director visited the site
22	Visitors informed of/followed H&S requirements? Circle.	**Yes**	No	Not Applic.	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted):				

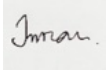
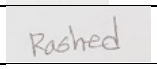
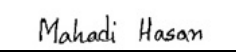
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: ____05/05/2023____

Sl	Question	Answer			Comments
1	Number of workers on site(labourers/Supervisors)	__15 / _1__		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	Yes	**No**	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Manual excavation of the south dumping site and scrapping of the Mr. Bodi's yard and adjacent road, placing geotextile in north and west dumping site and collection of clean soil			
7	Description of the work planned tomorrow:	Continue work of manual excavation of the south dumping site and scrapping of the Mr. Bodi's yard and adjacent road and clean soil covering			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	**57 / 120m^2**		Not Applic.	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applic.**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Covered**			Scrapped soil are covered with tarpaulin
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**no**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applic.**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted):	Mahadi Hasan			

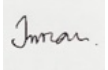
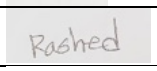
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: ____06/05/2023_____

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**__20 / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	Yes	**No**	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Manual excavation of the south dumping site and scrapping of the Mr. Bodi's yard and adjacent road, dumping of scrapped soil in south dumping site before placing geotextile, clean sand placing in south dumping site and clean soil in the North and West dumping site.			
7	Description of the work planned tomorrow:	Continue work of clean sand placing in the south dumping site and clean soil dumping at the North and West dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	**43/ 195m^2**		Not Applicable	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	**Yes**	No	Not Applicable	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Dumped**			Scrapped contaminated soil are dumped in the south dumping site at 1 feet depth before placing the geotextile (details are available in the waste disposal register)
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration and muscle pain of a worker**			ORS and paracetamol are given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**no**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applic**.	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

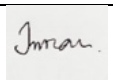
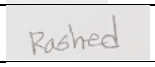
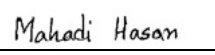
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: ____07/05/2023_____

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**__20 / _1__**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	Yes	**No**	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Placing and levelling of clean sand on South dumping site, placing clean soil at North and West dumping site			
7	Description of the work planned tomorrow:	Continue work of levelling and clean soil placing at the North and West dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	**20/ 120m^2**		Not Applic.	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applic.**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applic**.	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan	Mahadi Hasan			

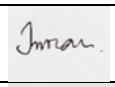
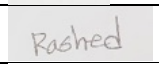
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: ____08/05/2023_____

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_20 / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	placing clean soil at North and West dumping site			
7	Description of the work planned tomorrow:	Continue soil placing at the North and West dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ ___m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Headache and dehydration**			ORS and paracetamol are given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applic**.	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

Daily Work sheet
Mohammadnagar Risk Reduction Project

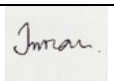
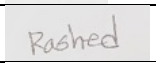
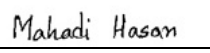
Date: ____09/05/2023_____

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_20 / _1__**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	Yes	**No**	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Placing clean soil at North and West dumping site			
7	Description of the work planned tomorrow:	Continue clean soil placing at the West dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ ___m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan	Mahadi Hasan			

Daily Work sheet

Mohammadnagar Risk Reduction Project

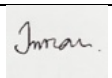
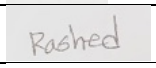
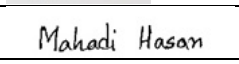
Date: ____10/05/2023_____

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_18 / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	placing clean soil at West dumping site			
7	Description of the work planned tomorrow:	1:1 slope around the clean soil filled area at North and West dumping site and leveling the area, leveling and cleaning brick soling road			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ ___m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	**Yes**	No	Not Applicable	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration and muscle pain of a worker**			ORS and paracetamol are given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not Applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**Yes**			
22	Visitors informed of/followed H&S requirements? Circle.	**Yes**	No	Not Applic.	DoE Director visited the site
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

Daily Work sheet

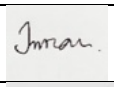
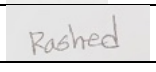
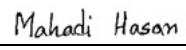
Mohammadnagar Risk Reduction Project

Date: ____11/05/2023_____

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	__4_ / _1__		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	1:1 slope work in the North and West dumping site and leveling the area, Brick soling road surface leveling and cleaning			
7	Description of the work planned tomorrow:	Cement and sand coating of the road adjacent to the Bodi's house and House yard area			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

Daily Work sheet
Mohammadnagar Risk Reduction Project

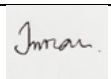
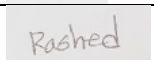
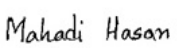
Date: ____12/05/2023_____

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	_5_ / _1_		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Cement and sand coating of the road adjacent to the Bodi's house and House yard area			
7	Description of the work planned tomorrow:	Continue work of Cement and sand coating of the road adjacent to the Bodi's house and House yard area			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Secured**			30 battery cases is handed over to the Abdullah Battery Company for reuse (details are available in the waste disposal register)
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applic**.	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

Daily Work sheet

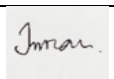
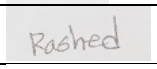
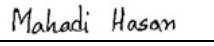
Mohammadnagar Risk Reduction Project

Date: ____13/05/2023_____

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	_5_ / _1_		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Cement and sand coating of the road adjacent to the Bodi's house and House yard area			
7	Description of the work planned tomorrow:	Bamboo pilling around the North and West dumping site for outer 1:1 slop. Watering the Cement and sand coated area			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	**Yes**	No	Not Applicable	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 21/05/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_4_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Bamboo pilling around the North and West dumping site for outer 1:1 slop			
7	Description of the work planned tomorrow:	Continue work of bamboo pilling and placing grass			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

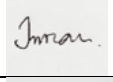
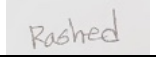
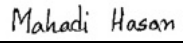
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 22/05/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_4_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Bamboo pilling around the North and West dumping site for outer 1:1 slop and placing grass			
7	Description of the work planned tomorrow:	Continue work of bamboo pilling, netting and placing grass			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted): Mahadi Hasan	Mahadi Hasan			

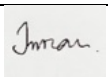
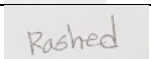
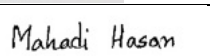
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 23/05/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_4_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Bamboo pilling and netting around the North and West dumping site for outer 1:1 slope and placing grass			
7	Description of the work planned tomorrow:	Placing clean soil in West and South dumping sites and placing grass			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration and Itching issues on the leg of Mr. Shukkur**			ORS is given, for itching issue we washed with clean water and applied disinfectant (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

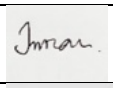
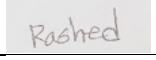
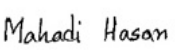
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 25/05/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_12_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Placing clean soil and grass in the West dumping site			
7	Description of the work planned tomorrow:	Placing clean soil in the South dumping site and 1:1 Slope work. Placing clean soil and grass in the West dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applic.	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applic	
11	Worker's laundry completed? Circle ans.	**Yes**	No	Not Applicable	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**Yes**			DoE Director visited the site
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

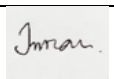
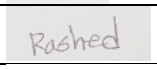
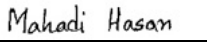
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 26/05/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_16_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Placing clean soil at the South dumping site and 1:1 Slope work and Placing clean soil and grass in the West dumping site			
7	Description of the work planned tomorrow:	Continue work of 1:1 Slope and placing clean soil and grass around the West dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration and headache**			ORS and paracetamol are given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

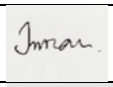
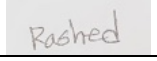
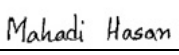
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 28/05/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_4_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	Continue work of 1:1 Slope and placing clean soil and grass around the West dumping site			
7	Description of the work planned tomorrow:	Continue work of placing clean soil and grass, and 1:1 slope work around the North dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	**Yes**	No	Not Applicable	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 29/05/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_3_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	placing clean soil and grass, and 1:1 slope work around the North dumping site			
7	Description of the work planned tomorrow:	Continue work of 1:1 slope and placing clean soil and around the North dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

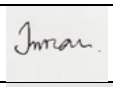
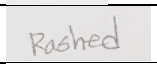
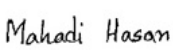
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 30/05/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	_3_ / _1_		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**No**			
6	Description of the work completed:	1:1 slope work and placing clean soil around the North dumping site and placing grass			
7	Description of the work planned tomorrow:	Continue 1:1 slope work and placing clean soil around the North dumping site and placing grass			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	**Yes**	No	Not Applicable	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**Yes**			
22	Visitors informed of/followed H&S requirements? Circle.	**Yes**	No	Not Applicable	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted): Mahadi Hasan	Mahadi Hasan			

Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 06/06/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_3_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**HEPA Vacuumed cleaner**			
6	Description of the work completed:	House cleaning and outer 1:1 slope work and placing grass around the west dumping site			
7	Description of the work planned tomorrow:	Continue work of house cleaning			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	**Complaints** and compliments (e.g., from community, workers and others). Detail.	**Yes**			The owner of the South dumping site requested to repair the damages of the brick wall and yard caused by the heavy vehicle transportation (details are in the grievance registry).
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

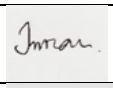
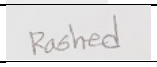
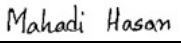
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 07/06/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_3_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**HEPA Vacuumed cleaner**			
6	Description of the work completed:	House cleaning work			
7	Description of the work planned tomorrow:	Continue work of house cleaning and placing grass on south dumping site, placing soil in the outer slope of the West dumping site			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**Yes**			DoE Director visited the site
22	Visitors informed of/followed H&S requirements? Circle.	**Yes**	No	Not Applicable	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:	Imran			
	Rashedul Islam:	Rashed			
25	Other signature (as warranted): Mahadi Hasan	Mahadi Hasan			

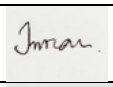
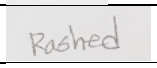
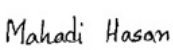
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 08/06/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_3_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**HEPA Vacuumed cleaner**			
6	Description of the work completed:	House cleaning work and placing grass on south dumping site, placing pipe near Mr. Badi Mia's house yard for drainage and placing soil in the outer slope of the West dumping site			
7	Description of the work planned tomorrow:	Placing fence around the South dumping site to safeguard trees			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	___/ __m^2		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**Yes**			
22	Visitors informed of/followed H&S requirements? Circle.	**Yes**	No	Not Applicable	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

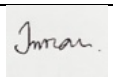
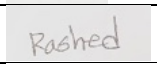
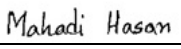
Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 12/06/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_4_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**no**			
6	Description of the work completed:	Placing fence around the South dumping site to safeguard trees			
7	Description of the work planned tomorrow:	Continue work of placing fence around the North and West dumping site, tree plantation in all dumping sites			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	**47 / 400m^2**		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	**Complaints** and compliments (e.g., from community, workers and others). Detail.	**Yes**			Mr. Badi's wife requested to remove soil from the tubewell and toilet area as she was not satisfied with our developed drainage system (details are available in the grievance register).
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

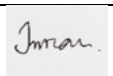
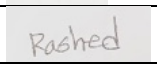
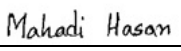
Daily Work sheet
Mohammadnagar Risk Reduction Project

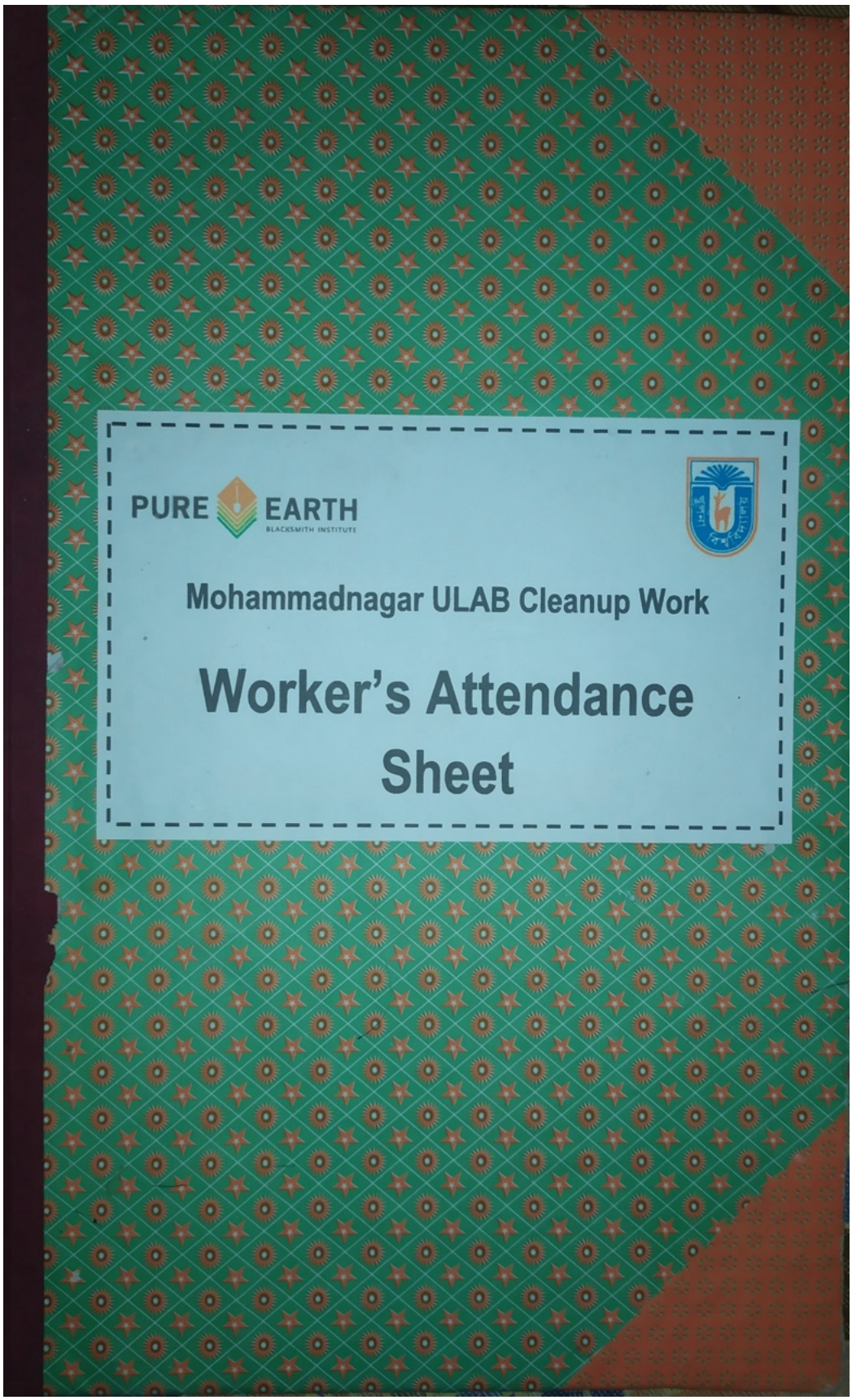
Date: 14/06/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**__5 / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**no**			
6	Description of the work completed:	Tree plantation and placing fence around the North and West dumping site to safeguard trees			
7	Description of the work planned tomorrow:	Tree plantation and placing fence around the North and west dumping site. Sand filling in the depressed area caused by heavy vehicles transportation for clean sand and soil. Drainage improvement in the South side of the West dumping site.			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	**43 / 600 m^2**		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**Yes**			DoE Director visited the site
22	Visitors informed of/followed H&S requirements? Circle.	**Yes**	No	Not Applicable	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				

Daily Work sheet
Mohammadnagar Risk Reduction Project

Date: 15/06/2023

Sl	Question	Answer			Comments
1	Number of workers on site (labourers/Supervisors)	**_3_ / _1_**		Not Applic.	
2	Imran Chowdhury Sakib on site? Circle ans.	**Yes**	No	Not Applic.	
3	Rashedul Islam on site? Circle ans.	**Yes**	No	Not Applic.	
4	Md. Faruk on site? Circle ans.	**Yes**	No	Not Applic.	
5	Mechan… equipment on site? (Describe):	**no**			
6	Description of the work completed:	Tree plantation and placing fence around the North and west dumping site. Sand filling in the depressed area caused by heavy vehicles transportation for clean sand and soil. Drainage improvement in the South side of the West dumping site.			
7	Description of the work planned tomorrow:	**Not applicable**			
8	Number of XRF measurement made/ covering__m^2 Attach data sheet.	**66/ 800 m^2**		**Not Applicable**	
9	Certify that all workers wore proper PPE (e.g., gloves, hard hats, respirators, coveralls). Circle ans.	**Yes**	No	Not Applicable	
10	Certify that all worker washed before meals; showered after work.	**Yes**	No	Not Applicable	
11	Worker's laundry completed? Circle ans.	Yes	No	**Not Applicable**	
12	Problems encountered [e.g., broken tools; resident issues; wastes encountered]? Detail.	**no**			
13	Condition of stockpile(s) of waste, soil etc., [Covered, dusty, secured etc.]. Detail.	**Not Applicable**			
14	Complaints and compliments (e.g., from community, workers and others). Detail.	**no**			
15	Accidents/ illness? Describe and detail outcome.	**Dehydration**			ORS is given (details are available in the first aid register)
16	Overall progress? Ways to expedite/improved? Describe.	**Improved**			
17	Samples collected for laboratory testing? Describe.	**no**			
18	Non filed work completed or in progress [paperwork; meetings; equipment/ supplies ordered or delivered, etc.]	**no**			
19	Education/awareness campaign activities? Detail.	**no**			
20	Other work completed (BLL; video; interviews; yard assessment]. Describe.	**Not applicable**			
21	Visitors to site (DoE, UNICEF; others)? Detail.	**no**			
22	Visitors informed of/followed H&S requirements? Circle.	Yes	No	**Not Applicable**	
23	General Comments (not covered above):				
24	Daily Signatures and Date:				
	Imran Chowdhury Sakib:				
	Rashedul Islam:				
25	Other signature (as warranted): Mahadi Hasan				


PURE EARTH
BLACKSMITH INSTITUTE
Mohammadnagar ULAB Cleanup Work
Worker's Attendance Sheet

ছাত্র/ছাত্রীদের দৈনিক হাজিরা বহি

ডাকঘর _____ থানা _____ উপজেলা _____ জেলা _____

২০ _____ সনের _____ মাস April শ্রেণী _____ শাখা _____

ক্রমিক নং	ছাত্র/ছাত্রীদের নাম	ID. NO আইডি নং	তারিখ ১ ২ ৩ ৪ ৫ ৬ ৭ ৮ ৯ ১০ ১১ ১২ ১৩ ১৪ ১৫ ১৬ ১৭ ১৮ ১৯ ২০ ২১ ২২ ২৩ ২৪ ২৫ ২৬ ২৭ ২৮ ২৯ ৩০	দিন/মাসের কার্য্য সংখ্যা মাঃ উপঃ
1	Md. Alom		P . .
2	Mehedi		P P P
3	Md. Shahajahan		P P P P
4	Md. Shukkur Ali		P P P P P P P P P
5	Md. Altaf		P P
6	Md. Jahangir		P P P
7	Md. Mostofa		P P P P P P
8			
9			
10			
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উপস্থিত ছাত্র সংখ্যা
অনুপস্থিত ছাত্র সংখ্যা
সমষ্টি

মাসিক

মাসিক গড়
অনুপস্থিত গড়
মাসিক সমষ্টি গড়

ছাত্র/ছাত্রীদের দৈনিক হাজিরা বহি

ডাকঘর _____ থানা _____ উপজেলা _____ জেলা _____

২০ _____ সনের _____ মাস May শ্রেণী _____ শাখা _____

ক্রমিক নং	ছাত্র/ছাত্রীদের নাম	ID. NO আইডি নং	তারিখ ১ ২ ৩ ৪ ৫ ৬ ৭ ৮ ৯ ১০ ১১ ১২ ১৩ ১৪ ১৫ ১৬ ১৭ ১৮ ১৯ ২০ ২১ ২২ ২৩ ২৪ ২৫ ২৬ ২৭ ২৮ ২৯ ৩০ ৩১	দিন/মাসের কার্য্য সংখ্যা মাঃ উপঃ	মাঃ অনুপঃ
1	Md. Shukkur Ali		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
2	Mehedi		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
3	Md. Shahajahan		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
4	Md. Mostofa		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
5	Md. Salman		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
6	Md. Ripon		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
7	Aslam		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
8	Debashish		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
9	Shonjoy		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
10	Omor		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
11	Md. Altaf		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
12	Shohidul		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
13	Polash		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
14	Ibrahim		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
15	Shuvoon		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
16	Anis		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
17	Rafiq		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
18	Jognal		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
19	Bappi		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
20	Sabuj		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
21	Chojon		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
22	Murad		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
23	Pankaj		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
24	Rajib		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
25	Bijoy		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
26	Abdullah		P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P P		
27					
28					
29					
30					
31					
32					

উপস্থিত ছাত্র সংখ্যা
অনুপস্থিত ছাত্র সংখ্যা
সমষ্টি

মাসিক

মাসিক গড়
অনুপস্থিত গড়
মাসিক সমষ্টি গড়

ছাত্র/ছাত্রীদের দৈনিক হাজিরা বহি

ডাকঘর _____ থানা _____ উপজেলা _____ জেলা _____

২০ _____ সনের _____ মাস June শ্রেণী _____ শাখা _____

ক্রমিক নং	ছাত্র/ছাত্রীদের নাম	ID. NO আইডি নং	তারিখ ১ ২ ৩ ৪ ৫ ৬ ৭ ৮ ৯ ১০ ১১ ১২ ১৩ ১৪ ১৫ ১৬ ১৭ ১৮ ১৯ ২০ ২১ ২২ ২৩ ২৪ ২৫ ২৬ ২৭ ২৮ ২৯ ৩০ ৩১	দিন/মাসের কার্য্য সংখ্যা	মাঃ উপঃ	মাঃ অনুপঃ
1	Md. Shukkur Ali		P P P P P P			
2	Mehedi		P P P P P P			
3	Arafat		P P P P P P			
4	Shumon		P P			
5.	Ibrahim		P			

উপস্থিত ছাত্র সংখ্যা
অনুপস্থিত ছাত্র সংখ্যা
সমষ্টি

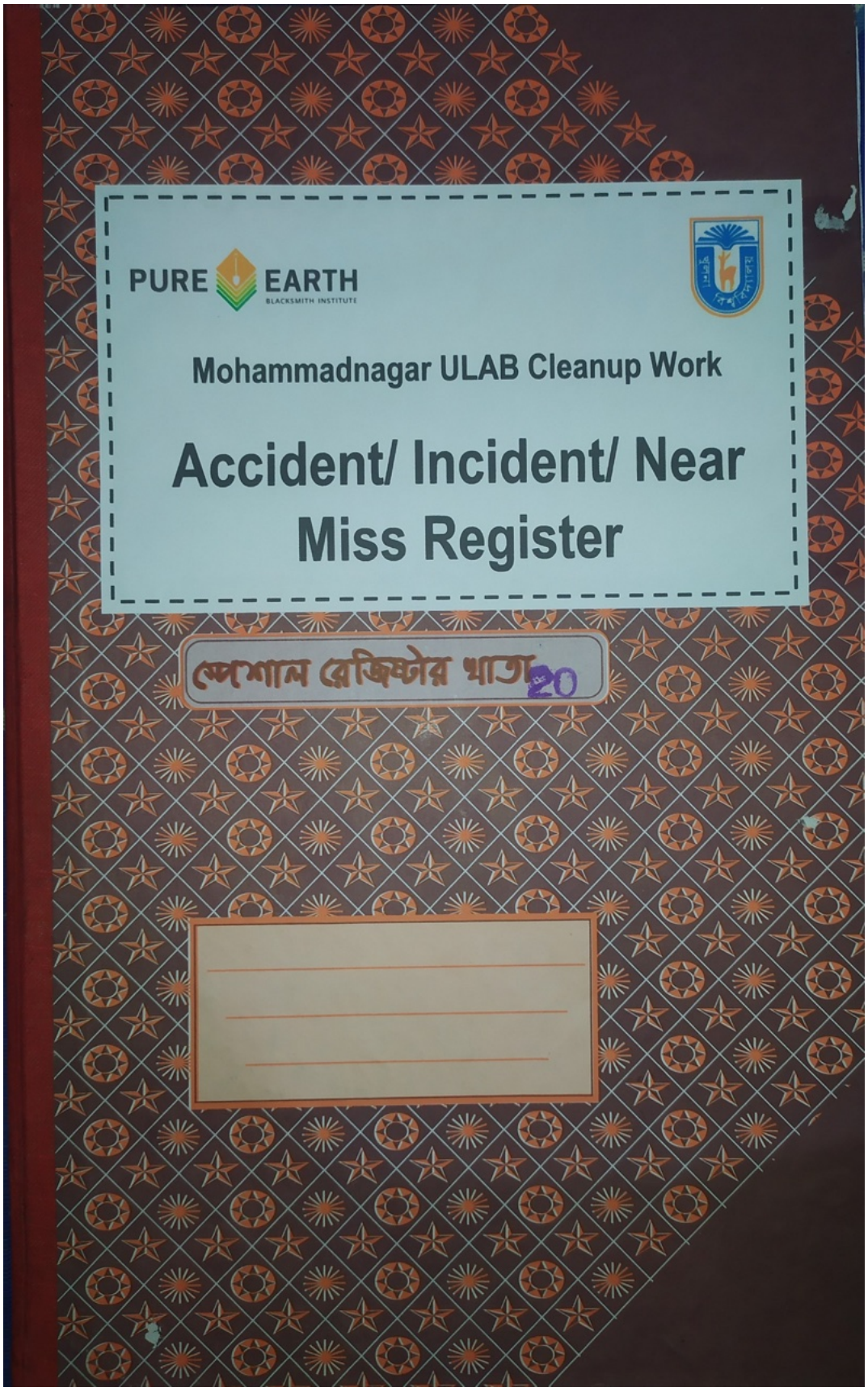
মাসিক

মাসিক গড়
অনুপস্থিত গড়
মাসিক সমষ্টি গড়

List of Equipment Purchased

Serial no.	Equipment	Quantity
1	Wheel Barrows	2
2	Shovel	2
3	Hoes	4
4	Cone Barricade	14
5	Iron Cutter	1
6	Uniform	20
7	Safety boots	4
8	Trousers	4
9	Helmet	25
10	Hand gloves	20
11	First Aid box	1
12	Multi plug	1
13	Scissors	1
14	Hose pipe with spray	2
15	Safety jackets	10
16	Fire extinguisher	2
17	Safety goggles	4
18	HEPA vacuum cleaner	1
19	Tarpaulin	2
20	Grass cutter	2
21	Shafol	1
22	Durmuj	4
23	Measuring tape	1
24	Bucket	2
25	Mug	1
26	Mop	2
27	Brush	2
28	Wrench	1
29	Screw driver	2
30	Spray bottle	1
31	Drum	1
32	Plastic belcha	1

Appendix B: Accident, incident, near miss, first aid, complaint/grievance register



Accident Record

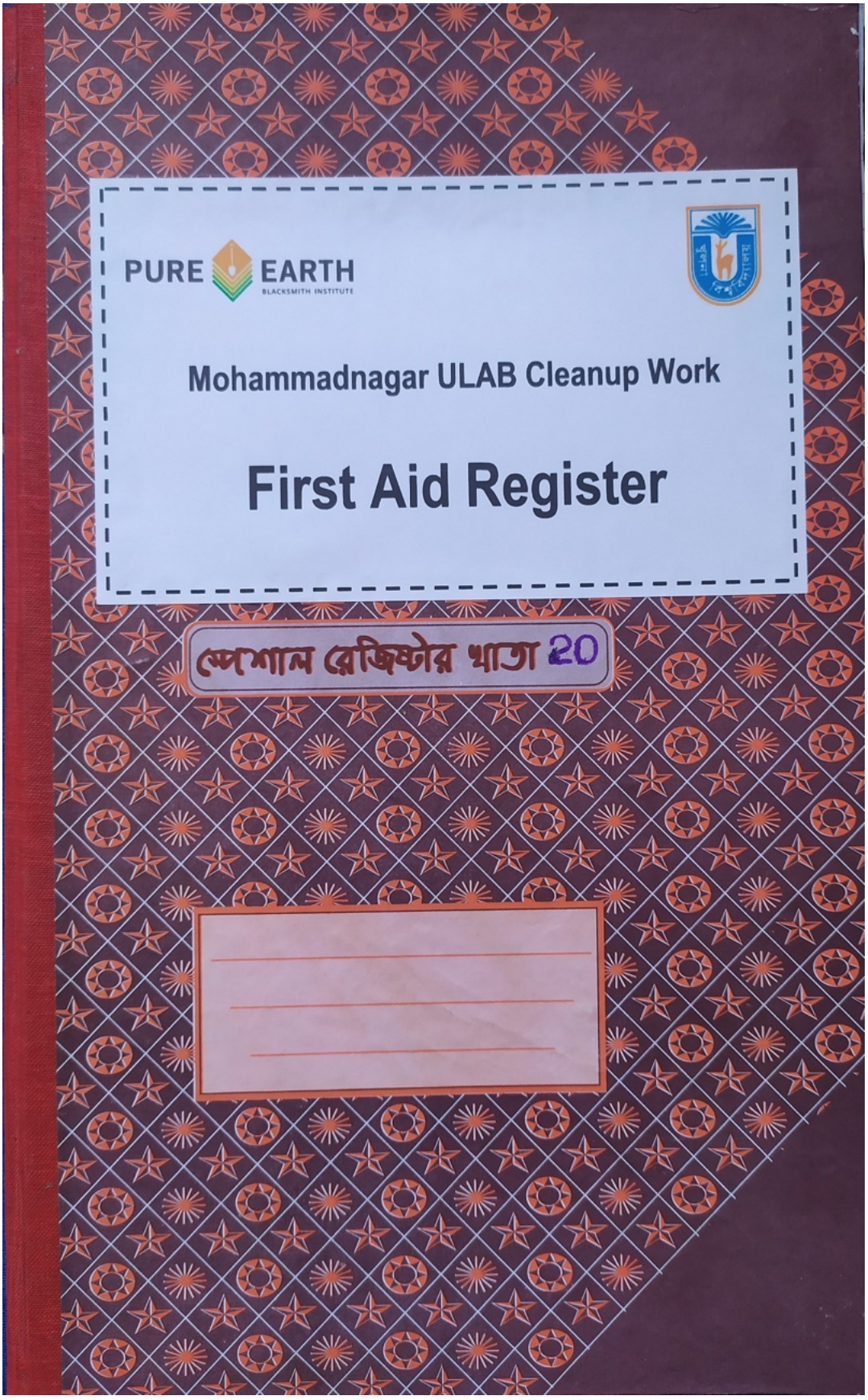
Sl no.	Date	Time	Name	Age	Job title	Location of occurrence	Accident note	First aid	Expert's advice

Incident Record

Sl no.	Date	Time	Name	Age	Job title	Location of occurrence	Incident note

Near Miss Records

Sl no.	Date	Mistake	Hazards	Location	Preventive measure	Reported by	Remark


PURE EARTH
BLACKSMITH INSTITUTE
Mohammadnagar ULAB Cleanup Work
First Aid Register
স্পেশাল রেজিষ্টার খাতা 20

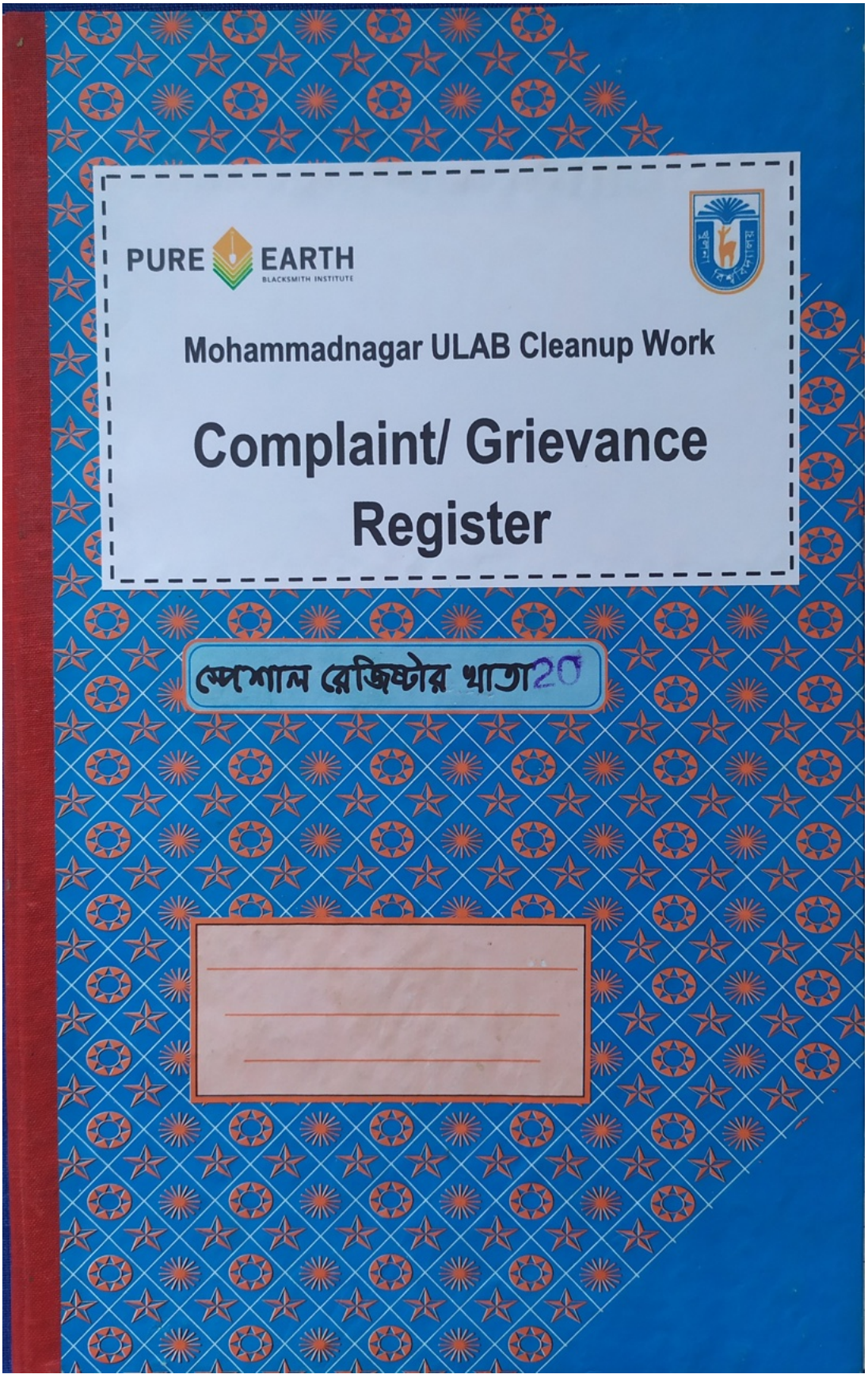
Sl no.	Date	Time	Name	Age	Purpose of First aid	Treatment	Signature
01	14.04.23	11.30 am	Mehedi	19	Dehydration	Oral saline = 2 P.	রাশেদ
		12.30 pm	Md. Shahajahan	35	Dehydration	Oral saline = 2 P.	
02	15.04.23	11.30 am	Md. Shukkur Ali	36	Dehydration	Oral saline = 2P	রাশেদ
		12.15 pm	Md. Shahajahan	35	Dehydration	Oral saline = 2P	
		2.00 pm	Mehedi	19	Muscle pain	Paracetamol = 3P	
03	16.04.23	1.10 pm	Md. Shahajahan	35	Dehydration	Oral saline = 2P	রাশেদ
		1.10 pm	Md. Altaf	28	Dehydration	Oral saline = 2P	
04	25.04.23	12.25 pm	Md. Mostofa	40	Dehydration	Oral saline = 1P	রাশেদ
05	26.04.23	1.15 pm	Md. Jahangir	33	Minor headache	Paracetamol = 2P	রাশেদ
		3.00 pm	Md. Shukkur Ali	36	Dehydration	Oral saline = 2P.	
06	27.04.23	5.00 pm	Md. Mostofa	40	Dehydration	Oral saline = 1 P	রাশেদ
07	28.04.23	2.55 pm	Md. Shukkur Ali	36	Dehydration	Oral saline = 1P	রাশেদ
08	30.04.23	11.00 am	Md. Shukkur Ali	36	Dehydration	Oral saline = 1 P	রাশেদ
09	03.05.23	10.00 am	Md. Shukkur Ali	36	Dehydration	Oral saline = 1P	রাশেদ
		11.40 am	Md. Mostofa	40	Dehydration	Oral saline = 2P	
		11.40 am	Md. Salman	18	Dehydration	Oral saline = 2P	
		12.00 pm	Md. Ripon	20	Dehydration	Oral saline = 2P	
		2.30 pm	Md. Shukkur Ali	36	Headache	Paracetamol = 2P	
10	04.05.23	10.30 am	Aslam	38	Dehydration	Oral saline = 2P	রাশেদ
		11.25 am	Debashish	37	Dehydration	Oral saline = 2P	

Sl no.	Date	Time	Name	Age	Purpose of First aid	Treatment	Signature
		12.00 pm	Shonjoy	25	Dehydration	Oral saline = 1P	
		1.00 pm	Omor	35	Musele pain	Paracetamol = 2P	
		1.00 pm	Md. Shukkur Ali	36	Dehydration	Oral saline = 2P	
11	05.05.23	10.10 am	Md. Shahajahan	35	Dehydration	Oral Saline = 1P	রাকিব
		11.50 am	Md. Altaf	28	Dehydration	Oral saline = 2P	
		12.30 pm	Shohidul	31	Dehydration	Oral saline = 2P	
		1.50 pm	Polash	32	Dehydration	Oral saline = 2P	
		2.30 pm	Shonjoy	25	Dehydration	Oral saline = 2P	
12	06.05.23	10.45 am	Md. Mostofa	40	Dehydration	Oral saline = 2P	রাকিব
		10.45 am	Ibrahim	32	Musele pain	Paracetamol = 2P	
		12.00 pm	Sumon	27	Dehydration	Oral saline = 2P	
		1.00 pm	Anis	26	Dehydration	Oral saline = 2P	
		1.00 pm	Rafiq	34	Dehydration	Oral saline = 2P	
		3.45 pm	Jognal	39	Dehydration	Oral saline = 1P	
13	07.05.23	11.00 am	Bappi	26	Dehydration	Oral saline = 2P	রাকিব
		12.25 pm	Md. Shukkur Ali	36	Dehydration	Oral saline = 2P	
		1.35 pm	Sabuj	33	Dehydration	Oral saline = 1P	
		3.30 pm	Chojon	30	Dehydration	Oral saline = 1P	
14	08.05.23	11.50 am	Rafiq	34	Headache	Paracetamol = 2P	রাকিব
		12.30 pm	Murod	29	Dehydration	Oral saline = 2P	
		1.50 pm	Pankaj	23	Dehydration	Oral saline = 2P	
		2.30 pm	Md. Mostofa	40	Dehydration	Oral saline = 2P	
		2.30 pm	Ibrahim	32	Dehydration	Oral saline = 2P	
15	09.05.23	10.10 am	Omor	35	Dehydration	Oral saline = 2P	রাকিব
		10.45 am	Shohidul	31	Dehydration	Oral saline = 2P	

Sl no.	Date	Time	Name	Age	Purpose of First aid	Treatment	Signature
		12.10 pm	Murad	29	Dehydration	Oral saline = 2P	
		1.30 pm	Md. Mostofa	40	Dehydration	Oral saline = 2P	
		2.30 pm	Anis	26	Dehydration	Oral saline = 2P	
		2.50 pm	Mehedi	19	Dehydration	Oral saline = 1P	
16	10.05.23	9.55 am	Chayon	30	Dehydration	Oral saline = 1P	রাশেদ
		9.55 am	Aslam	38	Dehydration	Oral saline = 1P	
		11.20 am	Shohidul	31	Musele pain	Paracetamol = 2P	
		2.00 pm	Abdullah	28	Dehydration	Oral saline = 2P	
17	11.05.23	10.00 am	Md. Shukkur Ali	36	Dehydration	Oral saline = 1P	রাশেদ
		12.00 pm	Rajib	27	Dehydration	Oral saline = 1P	
18	12.05.23	10.00 am	Pankaj	23	Dehydration	Oral saline = 2P	রাশেদ
		1.00 am	Md. Shukkur Ali	36	Dehydration	Oral saline = 2P	
		2.15 am	Bijoy	32	Dehydration	Oral saline = 1P	
19	13.05.23	9.40 am	Deboshish	37	Dehydration	Oral saline = 1P	রাশেদ
		12.00 pm	Md. Mostofa	40	Dehydration	Oral saline = 1P	
20	21.05.23	9.55 am	Shumon	27	Dehydration	Oral saline = 2P	রাশেদ
		11.20 am	Mehedi	19	Dehydration	Oral saline = 2P	
		2.00 pm	Md. Mostofa	40	Dehydration	Oral saline = 2P	
21	22.05.23	10.00 am	Aslam	38	Dehydration	Oral saline = 2P	রাশেদ
		11.20 am	Bijoy	32	Dehydration	Oral saline = 1P	
22	23.05.23	10.40 am	Md. Shukkur Ali	36	Itching issue on leg	Applied disinfectant	রাশেদ
		12.00 pm	Md. Mostofa	40	Dehydration	Oral saline = 2P	

Sl no.	Date	Time	Name	Age	Purpose of First aid	Treatment	Signature
23	25.05.23	12.00 pm	Sabuj	33	Dehydration	Oral saline = 2P	রাসেদ
		2.00 pm	Md. Shukkur Ali	36	Dehydration	Oral saline = 2P	
24	26.05.23	9.55 am	Mehedi	19	Dehydration	Oral saline = 2P	রাসেদ
		11.20 am	Jognal	39	Headache	Paracetamol = 2P	
		2.00 pm	Bappi	26	Dehydration	Oral saline = 2P	
25	28.05.23	12.00 pm	Md. Mostofa	40	Dehydration	Oral saline = 1P	রাসেদ
26	29.05.23	12.00 pm	Mehedi	19	Dehydration	Oral saline = 1P	রাসেদ
		1.00 pm	Aslam	38	Dehydration	Oral saline = 2P	
27	30.05.23	10.30 am	~~Rafiq~~ Rafiq	34	Dehydration	Oral saline = 2P	রাসেদ
28	06.06.23	11.00 am	Mehedi	19	Dehydration	Oral saline = 2P	রাসেদ
		1.30 pm	Md. Shukkur Ali	36	Dehydration	Oral saline = 1P	
29	08.06.23	11.30 am	Md. Shukkur Ali	36	Dehydration	Oral saline = 2P	রাসেদ
		1.25 pm	Anafat	20	Dehydration	Oral saline = 2P	
30	12.06.23	10.30 am	Md. Shukkur Ali	36	Dehydration	Oral saline = 1P	রাসেদ
		12.50 pm	Mehedi	19	Dehydration	Oral saline = 1P	
31	13.06.23	10.00 am	Mehedi	19	Dehydration	Oral saline = 2P	রাসেদ
		11.55 am	Anafat	20	Muscle pain	Paracetamol = 2P	
32	14.06.23	10.00 am	Md. Shukkur Ali	36	Dehydration	Oral saline = 2P	রাসেদ
		11.30 am	Anafat	20	Dehydration	Oral saline = 2P	
		12.35 pm	Mehedi	19	Headache	Paracetamol = 2P	
		1.30 pm	Shumon	27	Dehydration	Oral saline = 1P	

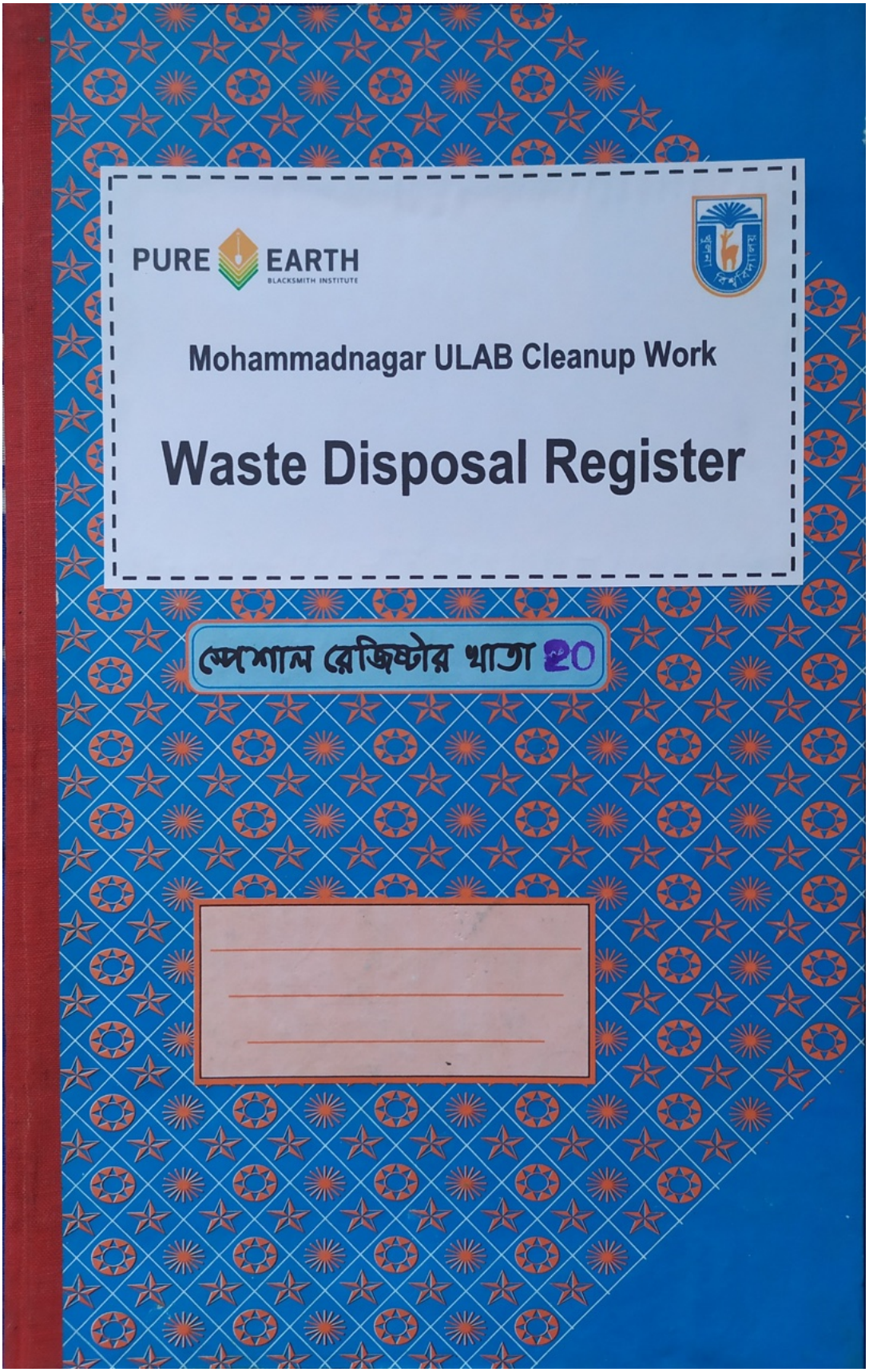
Sl no.	Date	Time	Name	Age	Purpose of First aid	Treatment	Signature
		2.30pm	Ibrahim	32	Dehydration	Oral saline = 1P	
33	15.06.23	11.50am	Arafat	20	Dehydration	Oral saline = 2P	
		2.00pm	Md. Shukkur Ali	36	Dehydration	Oral saline = 2P	


PURE EARTH
BLACKSMITH INSTITUTE
Mohammadnagar ULAB Cleanup Work
Complaint/ Grievance Register
স্পেশাল রেজিষ্টার খাতা 20

Sl no.	Date	Day	Location	The content of the complain	Remarks
01	14.04.23	1	Mr. Badi	Workers are removing soil from road territory	Workers are told to take soil from other site of the waterbody.
02	15.04.23	2	Neighbor	Why we didn't recruit labour from neighborhood; specially her husband	We recruit her husband from the following day.
03	16.04.23	3	Md. Shukkur	It is tough to work with PPE in such hot weather	Provided frequent break during work
04	30.04.23	9	Mr. Badi's wife	Waterlogging issue because of sand filling	Immediatly cleared the waterlogging issue
05	03.05.23	10	Md. Ismail Hossain	No one informed him about the work on his property	There was multiple owners of the south dumping site land. We did not get information of the land owner. However, the Project Lead talked with him over phone and he was happy to hear about the cleanup work
06	06.06.23	29	Md. Liakat, the owner of the south dumping site	Some part of brick wall and yard areas were damaged during sand and clean soil transportation. Heavy vehicle movement caused the damage. Md. Liakat	We repaired the wall and filled the damaged yard area with sand.

Sl no.	Date	Day	Location	The content of the complain	Remarks
				requested to repair the areas	
07	12.06.23	32	Mrs. Badi's wife	She is not satisfied with the drainage system we developed after the remediation work. She requested to remove the soil from the tubewell and toilet area (South side of the West dumping site)	We removed the soil and ensured natural drainage from Mrs. Badi's house and surrounding areas. Natural drainage system was hampered due to the remediation work. They rely on natural drainage so we considered drainage system according to their demand.

Appendix C: Waste disposal register



Sl no.	Date	Amount of waste	Type of waste	Cleaning status	Disposal point	Sign	Remarks
01	16.04.23	20 kg plastic bags Number of bags: 6	Cloths, cooking waste pet bottles etc.	Cleaned	Rajbandh dumping site KCC	ইমরান	
02	26.04.23	20 kg plastic bags Number of bags: 5	Non-biodegradable household waste, pet bottles, wood, bricks etc.	Cleaned	Rajbandh dumping site KCC	ইমরান	
03	06.05.23	About 1.8 cubic meter	Scrapped contamina-ted soil from the side road and house yard	Cleaned	South dumping site at 1 feet depth before placing the geo-textile	ইমরান	Scrapped contaminated soil are dumped in the south dumping site at 1 feet depth
04	12.05.23	30 old plastic battery cases	Lead acid battery case	Cleaned	Not applicable	ইমরান	Battery cases are handed over to Abdullah Battery co for recycling purpose

Appendix E: Vegetation and soil sample analysis

AAN Environmental Laboratory

AAN / Jes /Lab/Report-21/2023 Date: 19-04-2023

Analysis report.

Environmental Science Discipline
KhulnaUniversity
Khulna.

General Information:
Source: Plant
Date of Sampling: 4th April, 2023.
Date of Analysis: 10th to 18thApril, 2023.

Sample ID.	English Name	Scientific Name	Sample ID	Conc. of lead (mg/Kg)
A-1	Water Hyacinth	*Eichhornia crassipes*	Water Hyacinth1_Stem	3.27
A-2	Water Hyacinth	*Eichhornia crassipes*	Water Hyacinth 2_Stem	2.78
A-3	Water Hyacinth	*Eichhornia crassipes*	Water Hyacinth 1_Root	39.33
A-4	Water Hyacinth	*Eichhornia crassipes*	Water Hyacinth 2_Root	20.68
A-5	Elephant Grass	*Typha elephantina*	Elephant Grass_Stem	2.83
A-6	Elephant Grass	*Typha elephantina*	Elephant Grass_Root	384.88
A-7	Taro	*Colocasia esiculenta*	Taro	2.39
A-8	Taro	*Colocasia esiculenta*	Taro_Root	14.10
A-9	Bottle Gourd	*Lagenaria siceraria*	Bottle Gourd1	7.21
A-10	Bottle Gourd	*Lagenaria siceraria*	Bottle Gourd2	2.02
A-11	Malabar Spinach	*Basella alba*	MalabarSpinach	3.23
A-12	Water Spinach	*Ipomoea aquatica*	Water Spinach	2.53
A-13	Alligator Weed	*Alternanthera philoxeroides*	Alligator Weed	2.36

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AAN Environmental Laboratory

AAN / Jes /Lab/Report-57/2023 Date: 03-06-2023

Analysis report.

Environmental Science Discipline
KhulnaUniversity
Khulna.

General Information:

Source: Plant
Date of Sampling: 4th May, 2023.
Date of Analysis: 28th to 31st May, 2023.

Sample ID.	English Name	Scientific Name	Sample Source	Conc. of lead (mg/Kg)
A-1	Water Hyacinth	*Eichhornia crassipes*	Water Hyacinth 1_Root	1.45
A-6	Water Hyacinth	*Eichhornia crassipes*	Water Hyacinth 2_Stem	2.28
A-5	Elephant Grass	*Typha elephantina*	Elephant Grass_Stem	5.34
A-3	Elephant Grass	*Typha elephantina*	Elephant Grass_Root	1.52
A-2	Bottle Gourd	*Lagenaria siceraria*	Bottle Gourd 1	2.17
A-4	Malabar Spinach	*Basella alba*	Malabar Spinach	4.78

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Appendix F: XRF Readings

Reading No	Time	Type	Duration	Units	Sequence	Mo	Zr	Sr	U	Rb	Th	Pb	Au	Se	As	Hg	Zn	W	Cu	Ni	Co	Fe	Mn
1652	4/28/2023 5:32	Soil	30.56	ppm	Final	<LOD	86.54	54.39	<LOD	120.1	10.56	30.27	<LOD	<LOD	10.65	<LOD	62.15	<LOD	41.07	59.85	<LOD	24062.8	297.64
1653	4/28/2023 5:35	Soil	30.69	ppm	Final	<LOD	96.2	49.32	<LOD	112.03	12.64	20.88	<LOD	<LOD	10.74	<LOD	55.15	<LOD	50.96	66.85	130.12	26336.47	338.33
1654	4/28/2023 5:40	Soil	30.67	ppm	Final	<LOD	57.55	45.14	6.97	78.94	11.45	102.05	<LOD	<LOD	<LOD	<LOD	49.46	<LOD	38.41	24.25	99.64	18402.72	209.91
1655	4/28/2023 5:41	Soil	31.03	ppm	Final	<LOD	56.58	37.15	5.17	65.82	8.96	443.54	<LOD	<LOD	51.66	<LOD	45.67	<LOD	36.78	30.95	78.4	13588.92	189.91
1656	4/28/2023 5:43	Soil	30.95	ppm	Final	<LOD	95.86	57.84	<LOD	118.49	12.57	40.58	<LOD	<LOD	10.3	<LOD	65.16	<LOD	42.57	45.53	161.41	25716.78	347.2
1657	4/28/2023 5:44	Soil	30.44	ppm	Final	<LOD	79.23	45.04	7.93	102.42	13.03	233.1	<LOD	<LOD	45.98	<LOD	61.67	<LOD	48.34	78.28	148.97	23653.23	322.99
1658	4/28/2023 5:45	Soil	30.55	ppm	Final	<LOD	100.5	57.34	<LOD	124.64	15.08	133.13	<LOD	<LOD	14.35	<LOD	107.78	<LOD	67.99	70.41	<LOD	27110.71	432.75
1659	4/28/2023 5:46	Soil	30.53	ppm	Final	<LOD	104.35	57.53	<LOD	137.01	15.01	41.36	<LOD	<LOD	18.41	<LOD	82.46	<LOD	57.64	76.67	238.16	33861.86	488.99
1660	4/28/2023 5:47	Soil	30.71	ppm	Final	<LOD	103.83	56.04	<LOD	126.92	12.31	32.22	<LOD	<LOD	10.04	7.71	70.01	<LOD	65.73	109.41	135.6	28245.48	383.25
1661	4/28/2023 5:48	Soil	30.49	ppm	Final	<LOD	95.42	49.15	6.12	122.68	12.34	148.02	<LOD	<LOD	37.1	7.66	73.8	<LOD	61.59	61.15	142.86	27235.68	295.78
1662	4/28/2023 5:49	Soil	30.68	ppm	Final	<LOD	93.14	55.16	<LOD	113.06	10.22	65.5	<LOD	<LOD	6.79	<LOD	69.15	<LOD	55.47	47.27	130.59	27271.97	355.54
1663	4/28/2023 5:50	Soil	30.98	ppm	Final	<LOD	117.16	58.65	<LOD	135.38	15.04	28.44	<LOD	<LOD	10.99	<LOD	82.94	33.24	72.67	79.49	167.22	31051.16	387.12
1664	4/28/2023 5:51	Soil	31.11	ppm	Final	<LOD	84.72	49.98	5.41	111.56	11.39	225.78	<LOD	<LOD	30.2	<LOD	65.42	<LOD	42.28	92.27	154.01	23878.99	344.78
1665	4/28/2023 5:52	Soil	31.1	ppm	Final	<LOD	88.63	47.96	6.24	116.61	12.42	90.47	<LOD	<LOD	24.18	<LOD	59.6	<LOD	53.68	36.88	174.31	27298.64	368.96
1666	4/28/2023 5:54	Soil	30.95	ppm	Final	<LOD	93.22	54.21	6.79	124.07	15.48	32.88	<LOD	<LOD	16.4	<LOD	73.22	<LOD	52.57	97.34	142.22	30913	559.37
1667	4/28/2023 6:03	Soil	30.87	ppm	Final	<LOD	89.77	48.21	7.16	124.73	13.72	28.56	<LOD	<LOD	9.61	<LOD	71.37	38.58	56.16	67.36	<LOD	28559.97	348.15
1668	4/28/2023 6:04	Soil	30.69	ppm	Final	<LOD	90.41	48.08	5.89	115.6	13.95	33.08	<LOD	<LOD	9.98	<LOD	66.84	<LOD	45.88	71.07	120.53	25034.58	286.18
1669	4/28/2023 6:05	Soil	30.63	ppm	Final	<LOD	117.26	61.51	8.62	144.6	16.55	29.55	<LOD	<LOD	9.64	<LOD	79.27	<LOD	50.2	82.08	155.74	33892.79	439.58

1670	4/28/2023 6:06	Soil	30.99	ppm	Final	<LOD	74.01	44.55	<LOD	105.17	13.92	96.05	<LOD	<LOD	16.94	<LOD	68.46	<LOD	35.42	61.15	<LOD	23749.72	332.75
1671	4/28/2023 6:07	Soil	30.68	ppm	Final	<LOD	96.55	57.02	10.09	143.76	16.2	23.11	<LOD	<LOD	8.03	<LOD	76.08	<LOD	61.69	97.81	124.94	35639.35	459.1
1672	4/28/2023 6:08	Soil	31.01	ppm	Final	<LOD	102.11	50.43	6.57	125.14	14.76	16.07	<LOD	<LOD	10.42	<LOD	73.84	<LOD	56.85	76.24	<LOD	29075.6	400.73
1673	4/28/2023 6:09	Soil	30.29	ppm	Final	<LOD	69.75	44.96	4.74	82.67	9.5	313.56	<LOD	<LOD	12.85	<LOD	83.54	<LOD	47.61	54.67	<LOD	19668.15	366.13
1674	4/28/2023 6:10	Soil	30.63	ppm	Final	<LOD	88.05	50.83	6.68	134.36	14.71	45.6	<LOD	3.6	18.44	<LOD	108.76	<LOD	55.94	79.33	131.36	30734	393.87
1675	4/28/2023 6:11	Soil	31.01	ppm	Final	<LOD	93.11	57.73	7.2	134.61	15.05	33.61	<LOD	<LOD	13.67	<LOD	73.45	<LOD	49.73	73.14	182.6	33001.42	442.98
1676	4/28/2023 6:12	Soil	30.67	ppm	Final	<LOD	69.65	61.55	4.53	53.88	11.13	2045.33	<LOD	<LOD	<LOD	<LOD	101.09	<LOD	19.23	26.34	<LOD	7547.99	107.96
1677	4/28/2023 6:13	Soil	30.7	ppm	Final	<LOD	76.84	47.16	6.18	70.32	8.75	543.9	<LOD	4.09	52.55	<LOD	88.32	<LOD	24.46	54.17	106.04	9749.21	189.13
1678	4/28/2023 6:14	Soil	31.03	ppm	Final	<LOD	84.98	50.77	5.28	77.9	12.17	265.45	<LOD	<LOD	34.66	6.87	61.43	<LOD	24.6	40.35	93.28	15297.83	249.56
1679	4/28/2023 6:15	Soil	30.67	ppm	Final	<LOD	128.49	76.52	<LOD	90.3	12.99	384.59	<LOD	3.94	14.54	<LOD	67.07	<LOD	38.28	81.15	93.33	15360.25	323.61
1680	4/28/2023 6:17	Soil	31.22	ppm	Final	<LOD	146.31	74.34	<LOD	80.1	8.2	462.98	<LOD	<LOD	55.39	8.11	35.67	<LOD	33.41	55.07	<LOD	10792.28	281.83
1681	4/28/2023 6:18	Soil	30.79	ppm	Final	<LOD	93.69	103.19	<LOD	63.65	20.09	5102.26	<LOD	<LOD	<LOD	<LOD	279.07	<LOD	61.1	46.52	<LOD	14282.98	276.76
1682	4/28/2023 6:19	Soil	30.97	ppm	Final	<LOD	116.47	72.6	6.12	111.91	12.3	545.38	<LOD	<LOD	35.05	8.46	87.23	<LOD	49.86	79.96	114.99	21529.91	471.8
1683	4/28/2023 6:20	Soil	30.58	ppm	Final	<LOD	125.8	72.47	7.06	127.97	13.45	22.24	<LOD	<LOD	15.07	<LOD	77.08	<LOD	62.73	70.37	116.63	28544.28	440.61
1684	4/28/2023 6:21	Soil	30.72	ppm	Final	<LOD	125.39	68.22	<LOD	119.63	13.94	23.27	<LOD	<LOD	6.15	8.99	63.39	<LOD	51.56	88.17	<LOD	25423.81	482.24
1685	4/28/2023 6:24	Soil	30.87	ppm	Final	<LOD	72.94	83.42	<LOD	89.27	71.73	20993.51	<LOD	<LOD	<LOD	<LOD	32.58	<LOD	<LOD	<LOD	<LOD	16711.79	251.68
1686	4/28/2023 6:29	Soil	43.58	ppm	Final	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85786.51	<LOD	<LOD	1700.73	29.62	<LOD	<LOD	<LOD	<LOD	<LOD	1438.44	<LOD
1687	4/28/2023 6:31	Soil	30.49	ppm	Final	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79350.45	<LOD	<LOD	<LOD	<LOD	40.42	<LOD	<LOD	<LOD	<LOD	7163.38	<LOD
1688	4/28/2023 6:32	Soil	30.18	ppm	Final	<LOD	52.58	46.15	<LOD	41.59	41.72	19796.6	<LOD	<LOD	<LOD	<LOD	28.58	<LOD	<LOD	<LOD	<LOD	10583.96	102.12
1689	4/28/2023 6:33	Soil	29.84	ppm	Final	<LOD	223.31	74.37	6.19	88.19	11.84	21.25	<LOD	<LOD	5.95	6.81	35.99	<LOD	24.41	85.09	100.07	13408	354.05

1690	4/28/2023 6:36	Soil	30.54	ppm	Final	<LOD	157.01	71.11	<LOD	66.02	10.6	1098.89	<LOD	<LOD	<LOD	<LOD	20.8	<LOD	<LOD	58.8	<LOD	8987.76	219.94
1691	4/28/2023 6:39	Soil	30.78	ppm	Final	<LOD	60.73	55.12	<LOD	55.96	<LOD	25684.64	<LOD	<LOD	<LOD	<LOD	45.68	<LOD	<LOD	57.4	<LOD	11151.49	244.01
1692	4/28/2023 6:47	Soil	31.12	ppm	Final	<LOD	144.67	60.85	<LOD	59.88	<LOD	28021.48	<LOD	<LOD	1183.41	<LOD	25.06	<LOD	<LOD	67.84	<LOD	9917.47	282.16
1693	4/28/2023 6:48	Soil	30.9	ppm	Final	<LOD	110.29	78.23	5.83	103.9	10.65	297.45	<LOD	<LOD	40.41	<LOD	80.29	<LOD	26.75	73.95	<LOD	17151.97	383.93
1694	4/28/2023 6:49	Soil	30.13	ppm	Final	<LOD	113.08	71.28	5.93	64.9	8.85	277.71	<LOD	<LOD	35.06	<LOD	29.68	<LOD	14.9	64.25	<LOD	7887.6	251.36
1695	4/28/2023 6:50	Soil	30.7	ppm	Final	<LOD	127.35	70.16	<LOD	71.03	11.69	737.64	<LOD	<LOD	73.3	<LOD	35.65	<LOD	25.53	68.02	<LOD	11052.34	268.85
1696	4/28/2023 6:52	Soil	40.55	ppm	Final	<LOD	226.41	78.64	5.57	105.45	15.4	21.97	<LOD	<LOD	9.32	6.12	59.29	<LOD	32.91	66.32	161	21243.07	390.09
1697	4/28/2023 6:52	Soil	31.1	ppm	Final	<LOD	89.38	66.06	<LOD	68.15	<LOD	49709.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17580.79	280.44
1698	4/28/2023 6:54	Soil	30.63	ppm	Final	<LOD	180.14	95.73	<LOD	97.74	18.28	29.78	<LOD	<LOD	7.41	<LOD	61.81	<LOD	64.59	39.5	<LOD	16283.59	326.64
1699	4/28/2023 6:55	Soil	30.73	ppm	Final	<LOD	44.21	26.18	<LOD	66.87	6	15.7	<LOD	<LOD	3.73	<LOD	35.93	<LOD	13.89	<LOD	<LOD	15424.71	122.7
1700	4/28/2023 6:56	Soil	30.75	ppm	Final	<LOD	92.77	46.17	<LOD	101.2	13.55	22.05	<LOD	<LOD	10.11	7.37	55.47	<LOD	42.73	47.44	162.25	22060.23	348.11
1701	4/28/2023 6:57	Soil	30.65	ppm	Final	<LOD	39.34	26.74	<LOD	54.95	4.96	12.55	<LOD	<LOD	6.87	<LOD	72.97	<LOD	14.12	<LOD	63.65	11758.61	117.16
1702	4/28/2023 6:58	Soil	30.87	ppm	Final	<LOD	168.53	78.78	<LOD	107.56	12.4	17.84	<LOD	<LOD	7.99	<LOD	54	41.18	55.1	77.66	131.91	21126.38	508.33
1703	4/28/2023 6:59	Soil	31.3	ppm	Final	<LOD	76.72	36.29	<LOD	71.73	8.89	154.56	<LOD	<LOD	<LOD	<LOD	39.12	<LOD	28.06	31.18	121.93	14043.49	163.36
1704	4/28/2023 7:00	Soil	31.08	ppm	Final	<LOD	146.84	84.61	<LOD	116.38	13.76	33.75	<LOD	<LOD	13.83	<LOD	75.97	52.74	80.8	65.26	155.48	22119.08	433.7
1705	4/28/2023 7:02	Soil	30.57	ppm	Final	<LOD	118.13	73.52	<LOD	128.58	11.69	74.57	<LOD	<LOD	24.74	<LOD	94.03	<LOD	61.63	92.96	137.54	25480.33	449.13
1706	4/28/2023 7:03	Soil	31.08	ppm	Final	<LOD	126.22	88.22	5.79	112.26	13.96	94.41	<LOD	<LOD	18.57	9.01	116.89	<LOD	40.62	55.5	<LOD	20261.57	437.31
1707	4/28/2023 7:04	Soil	30.7	ppm	Final	<LOD	111.46	51.82	5.88	122.6	11.93	31.65	<LOD	<LOD	9.81	<LOD	72.74	<LOD	57.36	67.5	145.13	26236.08	372.43

Reading No	Time	Type	Duration	Pb	Br	Se	As	Hg	Au	Zn	Cu	Ni	Fe	Cr	V
1986	5/5/2023 0:35	Soil	30.72	20.59	<LOD	<LOD	8.2	<LOD	70.16	<LOD	46.53	78.44	130.19	20497.95	410.66
1987	5/5/2023 0:37	Soil	30.64	16.07	<LOD	<LOD	5.88	<LOD	43.19	45.24	43.79	54.19	192.32	20139.13	387.61
1988	5/5/2023 0:39	Soil	30.77	16.57	<LOD	<LOD	8.66	<LOD	47.9	<LOD	33.12	33.94	<LOD	16544.58	300.57
2054	5/6/2023 7:11	Soil	30.77	33.35	<LOD	<LOD	<LOD	<LOD	54.27	<LOD	<LOD	<LOD	187.93	18965.88	464.9
2055	5/6/2023 7:12	Soil	30.55	21.03	<LOD	<LOD	8.28	<LOD	71.8	42.38	41.76	<LOD	175.53	20528.49	408.79
2056	5/6/2023 7:13	Soil	30.83	21.84	<LOD	<LOD	9.99	<LOD	68.95	<LOD	53.38	51.6	<LOD	25930.64	426.41
2057	5/6/2023 7:15	Soil	30.53	27.87	<LOD	<LOD	7.62	<LOD	69.63	35.54	57.65	58.31	183.64	23103.95	420.37
2058	5/6/2023 7:16	Soil	31.17	16.8	<LOD	<LOD	<LOD	<LOD	18.67	<LOD	16.83	49.53	<LOD	9389.44	240.24
2059	5/6/2023 7:17	Soil	30.54	16.94	<LOD	<LOD	5.23	<LOD	25.33	30.7	17	56.26	68.82	11043.48	299.42
2060	5/6/2023 7:19	Soil	30.73	15.32	<LOD	<LOD	5.21	<LOD	38.51	<LOD	16.37	62.59	<LOD	13583.15	338.41
2088	5/6/2023 8:07	Soil	30.75	20.58	<LOD	<LOD	7.78	9.74	85.37	<LOD	50.39	77.06	<LOD	34192.64	514.77
2089	5/6/2023 8:08	Soil	33.86	23.62	<LOD	<LOD	7.92	<LOD	83.76	<LOD	52.96	58.04	162.22	35888.99	534.45
2090	5/7/2023 1:39	Soil	30.51	11.31	<LOD	<LOD	12.89	<LOD	51.03	<LOD	43.68	<LOD	241.26	25724.2	284.82
2091	5/7/2023 2:03	Soil	30.62	17.3	<LOD	<LOD	15.64	<LOD	56.4	<LOD	51.78	71.42	156.51	30872.12	586.32
2092	5/7/2023 2:04	Soil	30.67	28.91	<LOD	<LOD	10.97	<LOD	68.34	<LOD	55.79	41.57	202.31	35560.3	450.42
2093	5/7/2023 2:42	Soil	30.19	9.14	<LOD	<LOD	11.05	<LOD	59.04	<LOD	<LOD	<LOD	<LOD	22478.69	205.53
2094	5/7/2023 2:43	Soil	30.58	14.31	<LOD	<LOD	8.63	<LOD	62.64	<LOD	36.56	25.12	103.4	22728.91	224.25
2095	5/7/2023 2:44	Soil	30.49	15.26	<LOD	<LOD	7.92	<LOD	53.53	<LOD	37.23	43.69	128.47	22334.07	287.36
2096	5/7/2023 2:45	Soil	30.29	18.54	<LOD	<LOD	11.3	<LOD	70.59	<LOD	50.84	66.79	<LOD	32813.71	576.65
2097	5/7/2023 2:46	Soil	30.69	21.08	<LOD	<LOD	6.39	<LOD	78.72	<LOD	45.6	48.79	<LOD	32772.3	451.73
2098	5/7/2023 2:47	Soil	30.75	24.31	<LOD	<LOD	9.76	<LOD	68.08	<LOD	43.77	30.36	178.45	30561.57	500.77
2099	5/7/2023 2:47	Soil	30.92	15.29	<LOD	<LOD	10.19	<LOD	64.91	<LOD	33.75	<LOD	213.16	28217	369.01
2100	5/7/2023 2:48	Soil	30.71	20.6	<LOD	<LOD	9.62	8.79	60.92	<LOD	39.84	30.63	<LOD	33975.86	256.26
2101	5/7/2023 2:50	Soil	31.14	19.34	<LOD	<LOD	5.7	<LOD	69.78	<LOD	40.38	47.06	150.11	28552.1	397.56

2102	5/7/2023 2:51	Soil		30.81	18.56	<LOD		<LOD		12.14	<LOD		68.51	<LOD		43.78	42.81	123.19	30146.59	484.77
2103	5/7/2023 3:01	Soil		31.95	18.06	<LOD		<LOD		9.23	<LOD		62.86	<LOD		31.44	51.69	<LOD	25938.99	268.65
2104	5/7/2023 3:02	Soil		30.85	17.64	<LOD		<LOD		5.6	<LOD		59.93	<LOD		28.31	49.67	136.27	24773.36	327.07
2105	5/7/2023 3:03	Soil		31.12	23.02	<LOD		<LOD		7.42	<LOD		69.08	<LOD		41.23	34.82	148.4	31593.01	560.26
2106	5/7/2023 3:04	Soil		31.26	19.1	<LOD		<LOD		8.01	<LOD		71.39	<LOD		40.09	<LOD	<LOD	30081.17	655.93
2107	5/7/2023 3:04	Soil		30.77	24.09	<LOD		<LOD		<LOD	<LOD		87.14	<LOD		58.29	<LOD	167.21	33310.98	451.8
2108	5/7/2023 3:05	Soil		30.47	17.88	<LOD		<LOD		11.08	<LOD		78.47	<LOD		39.97	60.96	<LOD	31448.54	439.04
2109	5/7/2023 3:06	Soil		34.31	15.82	<LOD		<LOD		9.84	<LOD		57.04	<LOD		28.71	<LOD	142.89	22895.83	222.35

Reading No	Time	Type	Duration	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Au	Se	As	Hg	Zn	W	Cu	Ni	Co	Fe	Mn
1924	5/4/2023 1:18	Soil	21.73	ppm	15.77	7.34	20.01	<LOD	3.71	<LOD	15.23	<LOD	<LOD	<LOD	<LOD	521.66	<LOD	<LOD	<LOD	<LOD	1351.58	<LOD
1925	5/4/2023 1:18	Soil	5.59	ppm	18.15	8.53	29.43	<LOD	<LOD	<LOD	101.4	<LOD	<LOD	28.02	<LOD	299.81	<LOD	29.54	<LOD	<LOD	1199.74	<LOD
1926	5/4/2023 1:20	Soil	31	ppm	14.47	9.57	3.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.12	<LOD	317.31	<LOD	<LOD	460.88	<LOD
1927	5/4/2023 1:22	Soil	31.05	ppm	3.03	3.77	1.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32.63	24.85	<LOD	<LOD	172.74	<LOD
1928	5/4/2023 1:23	Soil	30.33	ppm	17.56	205.97	123.43	<LOD	114.19	11.71	652.35	<LOD	3.95	55.13	<LOD	529.95	42.5	182.56	48.69	107.69	9070.79	574.59
1929	5/4/2023 1:27	Soil	30.51	ppm	<LOD	99.26	167.93	<LOD	64.59	7	12.84	<LOD	3.18	10.51	<LOD	63.12	61.24	57.65	28.93	259.04	16658.92	276
1930	5/4/2023 1:36	Soil	30.62	ppm	<LOD	194.23	79.67	<LOD	64.09	11.59	15.45	<LOD	<LOD	4.27	<LOD	23.55	<LOD	15.28	64.97	95.81	8445.95	255.52
1931	5/4/2023 1:38	Soil	30.78	ppm	<LOD	190.49	77.78	<LOD	65.25	13.57	19.65	<LOD	<LOD	<LOD	<LOD	30.72	<LOD	18.8	55.61	<LOD	8842.34	235.53
1932	5/4/2023 1:50	Soil	30.46	ppm	<LOD	181.17	76.6	5.89	70.65	11.02	34.2	<LOD	<LOD	<LOD	<LOD	30.18	<LOD	15.68	43.4	<LOD	9389.5	241.92
1933	5/4/2023 1:51	Soil	30.66	ppm	<LOD	106.8	58.66	<LOD	59.43	21.81	2275.67	<LOD	<LOD	<LOD	<LOD	30.24	<LOD	<LOD	41.08	<LOD	11167.23	197.58
1934	5/4/2023 1:53	Soil	30.64	ppm	<LOD	202.43	78.48	<LOD	67.43	12.39	16.16	<LOD	<LOD	<LOD	<LOD	30.36	<LOD	14.34	59.29	<LOD	9048.36	265.01

1935	5/4/2023 1:54	Soil	30.61	ppm	<LOD	200.31	77.61	5.19	65.96	9.87	11.5	<LOD	<LOD	5.85	<LOD	26.68	<LOD	23.08	51.82	<LOD	8928.31	266.6
1936	5/4/2023 1:56	Soil	33.09	ppm	<LOD	154.72	74.36	<LOD	66.69	8.29	12.67	<LOD	<LOD	<LOD	<LOD	29.29	<LOD	28.87	62.73	<LOD	9115.81	243.47
1937	5/4/2023 1:57	Soil	30.55	ppm	<LOD	212.71	72.59	7.17	64.25	11.22	12.09	<LOD	<LOD	<LOD	<LOD	26.58	<LOD	22.03	45.09	<LOD	8925.61	240.37
1938	5/4/2023 1:59	Soil	30.93	ppm	<LOD	175.43	81.35	4.71	65.94	10.06	13.94	<LOD	<LOD	<LOD	<LOD	31.33	26.8	23.22	41.14	<LOD	9208.76	233.79
1939	5/4/2023 2:00	Soil	30.98	ppm	<LOD	180.48	72.39	4.73	66.29	9.65	12.97	<LOD	<LOD	<LOD	7.98	30.91	<LOD	21.33	43.63	<LOD	8166.55	240.51
1940	5/4/2023 2:01	Soil	30.56	ppm	<LOD	206.38	76.66	<LOD	65.79	12.08	13.42	<LOD	<LOD	<LOD	<LOD	31.92	<LOD	16.68	57.12	<LOD	9001.09	238.94
1941	5/4/2023 2:02	Soil	30.47	ppm	<LOD	157.33	74.51	6.7	64.58	13.75	14.73	<LOD	<LOD	5.14	<LOD	29.69	<LOD	<LOD	38.88	<LOD	8347.67	276.96
1942	5/4/2023 2:03	Soil	30.55	ppm	<LOD	130.21	74.46	4.94	69.61	7.7	103.77	<LOD	<LOD	<LOD	<LOD	25.3	<LOD	23.14	36.98	65.31	9383.26	240.86
1943	5/4/2023 2:05	Soil	30.61	ppm	<LOD	244.19	75.94	4.73	68.06	12.69	55.11	<LOD	<LOD	<LOD	7.12	30.79	<LOD	22.59	56.54	<LOD	9751.42	274.59
1944	5/4/2023 2:06	Soil	30.72	ppm	<LOD	193.44	78.34	<LOD	67.43	12.78	24.78	<LOD	<LOD	5	7.11	28.26	<LOD	25.6	31.15	84.43	10050.5	239.49
1945	5/4/2023 2:10	Soil	30.77	ppm	3.09	172.33	77.92	<LOD	66.99	11.26	14.74	<LOD	<LOD	<LOD	<LOD	33.73	<LOD	19.11	46.88	<LOD	8744	281.63
1946	5/4/2023 2:11	Soil	31.17	ppm	<LOD	167.48	83.63	<LOD	72.11	10.3	17.62	<LOD	<LOD	4.37	<LOD	34.91	<LOD	21.06	57.29	<LOD	9396.85	248.47
1947	5/4/2023 2:12	Soil	30.73	ppm	<LOD	178.1	70.3	4.97	66.4	10.68	16.27	<LOD	<LOD	5.56	6.13	33.09	<LOD	23.62	59.51	<LOD	10169.6	209.22
1948	5/4/2023 2:13	Soil	31.05	ppm	<LOD	212.11	78.42	<LOD	70.42	10.38	16.03	<LOD	<LOD	<LOD	<LOD	29.62	28.64	18.26	58.54	<LOD	9432.04	268.59
1949	5/4/2023 2:15	Soil	34.14	ppm	<LOD	165.54	68.38	7.03	60.54	8.15	24.59	<LOD	<LOD	<LOD	<LOD	26.81	<LOD	16.4	40.87	<LOD	9330.39	223.34
1950	5/4/2023 2:17	Soil	30.55	ppm	<LOD	160.47	82.54	<LOD	76.64	11.35	57.74	<LOD	<LOD	<LOD	<LOD	29.21	33.1	23.33	60.08	<LOD	10065	245.66
1951	5/4/2023 2:18	Soil	30.41	ppm	<LOD	169.23	76.76	6.21	62.37	13.07	18.87	<LOD	<LOD	12.47	<LOD	33.2	<LOD	14.77	51.94	<LOD	9949.07	266.16
1952	5/4/2023 6:33	Soil	30.83	ppm	<LOD	152.49	69.19	<LOD	72.48	9.24	16.34	<LOD	<LOD	<LOD	<LOD	21.74	<LOD	<LOD	52.8	<LOD	10343.4	227.97

1953	5/4/2023 6:35	Soil	35.99	ppm	<LOD	117.63	72.59	<LOD	76.08	7.76	79.6	<LOD	<LOD	<LOD	<LOD	26.74	<LOD	19.26	43.22	<LOD	9628.5	288.17
1954	5/4/2023 6:36	Soil	30.56	ppm	<LOD	148.02	68.01	<LOD	64.31	10.52	34.75	<LOD	<LOD	<LOD	<LOD	31.83	<LOD	21.35	50.7	73.15	10033.87	244.92
1955	5/4/2023 6:38	Soil	30.53	ppm	<LOD	131.99	73.95	<LOD	76.49	9.79	17.77	2.89	<LOD	<LOD	<LOD	37.54	<LOD	18.51	67.06	<LOD	10002.2	262.66
1956	5/4/2023 6:40	Soil	26.7	ppm	<LOD	192.45	77.22	<LOD	66.64	12.27	17.5	<LOD	<LOD	<LOD	<LOD	27.57	<LOD	15.29	62.13	69.69	10096.27	279.54
1957	5/4/2023 6:41	Soil	30.79	ppm	<LOD	155.77	70.22	5.16	61.95	7.05	14.46	<LOD	<LOD	<LOD	<LOD	29.76	<LOD	<LOD	36.25	<LOD	8723.56	233.7
1958	5/4/2023 6:42	Soil	45.89	ppm	<LOD	206.01	77.26	<LOD	64.15	10.92	33.09	<LOD	<LOD	<LOD	5.5	27.63	<LOD	20.53	51.19	<LOD	9388.74	309.26
1959	5/4/2023 6:43	Soil	31.18	ppm	<LOD	189.48	77.9	<LOD	68.39	11.71	17.95	3.21	<LOD	<LOD	<LOD	25.91	<LOD	<LOD	71.14	<LOD	8854.04	233.33
1960	5/4/2023 6:44	Soil	30.71	ppm	<LOD	169.69	84.29	<LOD	58.94	8.08	24.48	<LOD	<LOD	<LOD	<LOD	28	<LOD	17.65	51.39	<LOD	8083.47	251.68
1961	5/4/2023 6:45	Soil	29.96	ppm	<LOD	211.66	79.91	<LOD	59.51	16.59	15.48	<LOD	<LOD	<LOD	<LOD	27	<LOD	16.52	50.6	<LOD	8858.47	290.34
1962	5/4/2023 6:46	Soil	30.49	ppm	<LOD	174.99	80.34	<LOD	67.5	13.61	14.98	<LOD	<LOD	<LOD	<LOD	23.76	<LOD	<LOD	71.32	<LOD	9119.88	270
1963	5/4/2023 6:47	Soil	30.04	ppm	<LOD	182.17	81.3	<LOD	63.11	7.74	15.06	<LOD	<LOD	<LOD	<LOD	29.4	<LOD	17.96	37.01	<LOD	8178.67	259.14
1964	5/4/2023 6:48	Soil	30.97	ppm	<LOD	187.08	88.59	<LOD	60.63	11.38	10.72	<LOD	<LOD	4	<LOD	31.64	<LOD	24.36	45.72	<LOD	8344.84	265.68
1965	5/4/2023 6:49	Soil	30.74	ppm	<LOD	187.81	70.12	<LOD	67.87	10.05	9.91	<LOD	<LOD	<LOD	6.33	28.55	<LOD	21.59	55.83	<LOD	10109.17	252.47
1966	5/4/2023 6:51	Soil	30.76	ppm	<LOD	199.72	78.54	<LOD	64.59	9.94	12.84	<LOD	<LOD	<LOD	<LOD	25.09	<LOD	14.22	44.02	<LOD	9576.08	248.07
1967	5/4/2023 6:53	Soil	30.48	ppm	<LOD	219.71	75.23	<LOD	56.66	10.75	11.27	<LOD	<LOD	<LOD	<LOD	22.41	<LOD	18.3	38.57	<LOD	7674.8	203.66
1968	5/4/2023 6:54	Soil	30.77	ppm	<LOD	219.53	75.84	<LOD	58.28	14.58	12.55	<LOD	<LOD	<LOD	<LOD	24.87	<LOD	16.93	52.04	68.62	7614.98	255.05
1969	5/4/2023 6:56	Soil	30.72	ppm	<LOD	202	74.83	4.46	60.81	11.46	10.74	<LOD	<LOD	6.65	<LOD	24.22	<LOD	18.14	39.83	<LOD	8994.34	285.7
1970	5/4/2023 6:57	Soil	31.08	ppm	<LOD	177.02	74.07	5.66	61.56	10.28	42.25	<LOD	<LOD	8.71	6.54	25.36	<LOD	18.5	72.64	<LOD	8718.1	230.97

1971	5/4/2023 6:58	Soil	30.52	ppm	<LOD	178.22	75.2	<LOD	66.73	11.38	25.99	<LOD	<LOD	<LOD	<LOD	25.76	36.3	23.85	56.65	68.24	9756.93	269.88
1972	5/4/2023 6:59	Soil	30.47	ppm	<LOD	101.94	69.46	5.77	55.36	6.9	11.98	<LOD	<LOD	<LOD	<LOD	23.17	<LOD	16.93	23.82	<LOD	6881.11	168.81
1973	5/4/2023 7:01	Soil	30.73	ppm	<LOD	140.07	69.82	<LOD	65.61	8.3	14.35	<LOD	<LOD	<LOD	<LOD	28.78	<LOD	20.4	56.64	<LOD	8803.55	236.55
1974	5/4/2023 7:02	Soil	30.78	ppm	<LOD	103.94	56.52	<LOD	111.48	7.62	17.02	<LOD	3.8	9.6	<LOD	60.22	<LOD	29.17	62.71	142.38	24574.25	472.49
1975	5/4/2023 7:04	Soil	30.72	ppm	<LOD	111.27	71.86	<LOD	68.05	7.9	56.3	<LOD	<LOD	<LOD	<LOD	29.12	<LOD	24.04	43.6	<LOD	9537.52	210.07
1976	5/4/2023 7:04	Soil	30.69	ppm	<LOD	191.17	75.19	<LOD	59.81	10.12	119.11	<LOD	<LOD	<LOD	<LOD	33.32	<LOD	23.03	53.12	<LOD	9230.41	266.36
1977	5/4/2023 7:05	Soil	30.21	ppm	<LOD	189.51	76.57	5.01	68.46	10.27	18.33	<LOD	<LOD	<LOD	<LOD	24.97	<LOD	16.44	56.25	73.13	9118.84	278.04
1978	5/4/2023 7:06	Soil	30.33	ppm	<LOD	180.61	73.7	4.75	59.44	11.27	212.29	<LOD	<LOD	<LOD	<LOD	32.06	<LOD	15.51	28.38	<LOD	9291.79	239.72
1979	5/4/2023 7:07	Soil	22.05	ppm	<LOD	201.9	73.03	<LOD	60.1	10.35	16.09	<LOD	<LOD	<LOD	<LOD	21.09	<LOD	24.82	36.11	<LOD	7441.91	230.18
1986	5/5/2023 0:35	Soil	30.72	ppm	<LOD	137.48	79.27	<LOD	115.69	16.62	20.59	<LOD	<LOD	8.2	<LOD	70.16	<LOD	46.53	78.44	130.19	20497.95	410.66
1987	5/5/2023 0:37	Soil	30.64	ppm	<LOD	113.28	62.26	<LOD	98.97	10.23	16.07	<LOD	<LOD	5.88	<LOD	43.19	45.24	43.79	54.19	192.32	20139.13	387.61
1988	5/5/2023 0:39	Soil	30.77	ppm	3.29	125.28	75.67	<LOD	94.87	11.5	16.57	<LOD	<LOD	8.66	<LOD	47.9	<LOD	33.12	33.94	<LOD	16544.58	300.57
1992	5/5/2023 0:53	Soil	31.34	ppm	<LOD	142	77.67	5.93	72.51	10.6	14.59	<LOD	<LOD	<LOD	<LOD	21.72	28.65	<LOD	61.27	<LOD	9905.22	300.01
1993	5/5/2023 0:54	Soil	30.65	ppm	<LOD	146.96	73.01	5.58	72.6	9.74	18.17	<LOD	<LOD	<LOD	<LOD	21.78	<LOD	15.09	29.88	<LOD	11266.3	265.85
1994	5/5/2023 0:55	Soil	30.6	ppm	<LOD	172.83	71.91	<LOD	69.18	8.61	12.72	<LOD	<LOD	4.1	<LOD	18.19	<LOD	26.95	<LOD	<LOD	9720.08	214.82
1995	5/5/2023 0:56	Soil	30.31	ppm	<LOD	176.59	80.94	<LOD	59.57	10.03	9.88	<LOD	<LOD	<LOD	<LOD	18.14	<LOD	17.82	34.39	<LOD	8617.82	267.73
1996	5/5/2023 0:57	Soil	30.42	ppm	<LOD	122.36	65.45	<LOD	65.47	7.61	12.63	<LOD	<LOD	<LOD	<LOD	22.67	<LOD	23.51	46.71	<LOD	7978.42	221.23
1997	5/5/2023 1:00	Soil	30.86	ppm	<LOD	175.9	81.15	<LOD	66.8	10.6	13.14	<LOD	<LOD	5.45	<LOD	28.1	<LOD	24.38	52.4	<LOD	9966.41	263.87

1998	5/5/2023 1:02	Soil	32.15	ppm	<LOD	132.62	76.81	<LOD	66.42	8.4	16.56	<LOD	<LOD	4.52	<LOD	26.31	<LOD	23.16	43.44	<LOD	8982.28	248.93
1999	5/5/2023 1:04	Soil	30.98	ppm	<LOD	177.93	76.51	<LOD	61.07	8.47	14.29	<LOD	<LOD	<LOD	<LOD	19.5	<LOD	<LOD	49.45	79.85	8833.21	246.11
2000	5/5/2023 1:44	Soil	30.73	ppm	<LOD	168.32	77.98	4.55	70.2	10.94	13.3	<LOD	<LOD	<LOD	12.06	21.35	<LOD	25.25	65.23	68.26	9318.19	230.31
2001	5/5/2023 1:46	Soil	30.52	ppm	<LOD	141.62	75.57	4.48	64.09	7.75	16.19	<LOD	<LOD	<LOD	<LOD	24.85	31.82	24.76	47.33	<LOD	8387.99	244.49
2002	5/5/2023 1:47	Soil	30.58	ppm	<LOD	235.56	76.03	7.23	65.11	9.34	13.95	<LOD	<LOD	<LOD	<LOD	19.54	<LOD	26.91	31.73	<LOD	9546.04	229.05
2003	5/5/2023 1:48	Soil	30.66	ppm	<LOD	150.22	71.33	5.19	62.95	10.22	10.68	<LOD	<LOD	4.83	<LOD	20.21	<LOD	<LOD	<LOD	<LOD	10208.92	183.53
2004	5/5/2023 1:49	Soil	31.06	ppm	<LOD	137.61	74.29	<LOD	73.32	8.67	13.62	<LOD	<LOD	<LOD	<LOD	23.85	<LOD	18.8	42.4	<LOD	10804.52	256.57
2005	5/5/2023 1:50	Soil	30.71	ppm	<LOD	156.27	76.05	5.73	71.09	11.65	16.55	<LOD	<LOD	<LOD	<LOD	18.27	28.07	16.43	43.56	77.61	9461.58	253.65
2006	5/5/2023 1:51	Soil	30.74	ppm	<LOD	167.4	81.78	<LOD	75.09	12.77	14.5	<LOD	<LOD	<LOD	<LOD	26.94	<LOD	23.46	58.03	67.21	10352.74	284.46
2007	5/5/2023 1:52	Soil	30.55	ppm	<LOD	178.12	68.84	4.51	64.23	10.23	9.86	<LOD	<LOD	<LOD	<LOD	22.31	<LOD	15.01	59.77	<LOD	9915.32	262.42
2008	5/5/2023 1:52	Soil	30.63	ppm	<LOD	158.27	87.68	<LOD	69.93	15.72	12.78	<LOD	<LOD	5.5	6.62	26.9	<LOD	25.71	33.74	<LOD	10446.37	247.63
2010	5/5/2023 1:54	Soil	30.7	ppm	<LOD	125.25	77.32	6.07	88.43	5.86	16.92	<LOD	<LOD	9.22	6.3	30.97	<LOD	17.35	28.31	<LOD	20877.08	567.17
2011	5/5/2023 1:55	Soil	30.75	ppm	<LOD	132.09	66.59	<LOD	67.61	8.28	11.49	<LOD	<LOD	<LOD	<LOD	22.93	<LOD	26.1	39.63	<LOD	10077.25	202.12
2012	5/5/2023 1:56	Soil	30.55	ppm	<LOD	129.7	66.15	4.5	62.2	8.47	11.28	<LOD	<LOD	<LOD	<LOD	15.83	<LOD	16.68	<LOD	<LOD	8910.72	246.69
2013	5/5/2023 1:57	Soil	30.7	ppm	<LOD	164.57	74.42	4.81	68	8.45	13.39	<LOD	<LOD	<LOD	<LOD	22.14	<LOD	14.04	43.94	<LOD	9659.21	214.08
2014	5/5/2023 1:58	Soil	30.58	ppm	<LOD	190.12	76	4.83	75.67	11.47	18.04	<LOD	<LOD	4.42	<LOD	18.05	<LOD	25.15	48.73	76.1	9891.87	280.01
2015	5/5/2023 2:57	Soil	30.65	ppm	<LOD	117.61	93.9	<LOD	67.37	<LOD	810.98	<LOD	<LOD	<LOD	<LOD	131.87	<LOD	28.31	<LOD	<LOD	11700.32	214.46
2016	5/5/2023 2:58	Soil	30.46	ppm	5.24	159.59	95.85	5.34	70.25	13.89	1356.98	<LOD	<LOD	<LOD	<LOD	266.98	<LOD	17.89	<LOD	<LOD	12174.14	190.86

2017	5/5/2023 2:59	Soil	31.05	ppm	5.03	118.88	70.28	<LOD	62.65	10.51	1476.87	<LOD	<LOD	<LOD	<LOD	219.78	<LOD	34.63	<LOD	69.75	9326.07	204.19
2018	5/5/2023 3:00	Soil	30.8	ppm	4.79	152.36	78.93	<LOD	62.91	19.24	2337.46	<LOD	<LOD	<LOD	<LOD	131.88	<LOD	33.19	<LOD	99.19	10531.19	287.15
2019	5/5/2023 3:02	Soil	30.63	ppm	<LOD	130.8	76.28	<LOD	82.59	17.08	1851.9	<LOD	<LOD	<LOD	<LOD	121.71	<LOD	27.58	<LOD	<LOD	15732.1	285.77
2020	5/5/2023 3:03	Soil	30.98	ppm	<LOD	137.45	70.02	<LOD	61.14	13.61	2047.39	<LOD	<LOD	<LOD	<LOD	201.65	<LOD	<LOD	<LOD	92.43	10328.39	271.66
2021	5/5/2023 3:04	Soil	30.57	ppm	4.79	124.67	86.69	<LOD	69.74	13.74	2521.62	<LOD	<LOD	101.75	8	683.39	<LOD	31.37	<LOD	<LOD	13607.5	240.66
2022	5/5/2023 3:05	Soil	30.47	ppm	<LOD	104.76	170.01	<LOD	69.87	5.94	432.04	<LOD	<LOD	<LOD	<LOD	49.05	<LOD	25.92	48.57	76.58	9909.36	245.25
2023	5/5/2023 3:06	Soil	30.54	ppm	<LOD	115.61	97.89	<LOD	94.32	15.55	757.83	<LOD	<LOD	42.68	7.67	207.83	<LOD	70.38	74.9	107.96	18340.1	334.27
2024	5/5/2023 3:07	Soil	30.45	ppm	<LOD	123.31	77.94	<LOD	67.22	10.64	1731.25	<LOD	<LOD	<LOD	<LOD	702.87	<LOD	<LOD	<LOD	103.98	14737.38	267.12
2025	5/5/2023 3:08	Soil	30.61	ppm	3.36	86.24	172.51	5.61	64.22	7.79	67.83	<LOD	<LOD	12.35	<LOD	64.42	<LOD	33.78	33.15	<LOD	8934.13	275.34
2026	5/5/2023 3:09	Soil	30.65	ppm	<LOD	148.78	77.89	<LOD	63.79	12.73	2006.03	<LOD	<LOD	<LOD	<LOD	210.97	<LOD	37.81	<LOD	<LOD	14111.75	300.36
2027	5/5/2023 3:10	Soil	30.65	ppm	4.36	104.2	83.36	<LOD	62.84	13.39	1507.12	<LOD	<LOD	<LOD	<LOD	276.82	<LOD	<LOD	<LOD	121.66	11509.36	214.81
2028	5/5/2023 3:11	Soil	30.57	ppm	<LOD	108.59	96.76	<LOD	73.5	25.37	3357.37	<LOD	<LOD	<LOD	<LOD	214.08	<LOD	45.75	34.89	<LOD	11695.95	268.2
2029	5/5/2023 3:12	Soil	31.23	ppm	<LOD	136	71.36	<LOD	71.99	13.48	1319.62	<LOD	<LOD	<LOD	<LOD	72.57	<LOD	24.93	24.58	105.67	10430.59	251.68
2030	5/5/2023 5:32	Soil	30.64	ppm	<LOD	140.52	68.7	<LOD	68.68	6.47	13.25	<LOD	<LOD	<LOD	<LOD	24.63	<LOD	19.69	38.69	<LOD	8997.18	288.24
2031	5/5/2023 5:34	Soil	30.5	ppm	<LOD	171.57	71.05	<LOD	59.16	9.11	23.11	<LOD	<LOD	<LOD	<LOD	17.86	<LOD	<LOD	<LOD	58.65	8066.78	212.99
2032	5/5/2023 5:35	Soil	30.53	ppm	<LOD	132.6	74.94	4.58	65.81	7.68	16.91	<LOD	<LOD	<LOD	<LOD	20.73	<LOD	24.16	26.26	67.3	9301.68	254.72
2033	5/5/2023 5:35	Soil	30.17	ppm	<LOD	149.58	64.27	<LOD	63.33	9.62	23.72	<LOD	<LOD	<LOD	<LOD	26.74	<LOD	<LOD	23.39	80.51	9324.37	185.2
2034	5/5/2023 5:36	Soil	30.73	ppm	<LOD	156.14	66.57	4.89	56.82	10	17.24	<LOD	<LOD	<LOD	<LOD	15.26	<LOD	<LOD	42.67	<LOD	8610.54	259.57

2035	5/5/2023 5:37	Soil	30.84	ppm	<LOD	150.16	69.12	<LOD	61.34	10.87	15.87	<LOD	<LOD	<LOD	<LOD	22.52	<LOD	26.81	28.27	<LOD	8821.32	195.22
2036	5/5/2023 5:38	Soil	30.77	ppm	<LOD	163.33	74.91	<LOD	65.59	9.69	13.96	<LOD	<LOD	<LOD	<LOD	18.25	<LOD	15.96	47.79	<LOD	8279.48	219.54
2037	5/5/2023 5:40	Soil	31.03	ppm	<LOD	110.12	70.2	<LOD	69.71	7.44	14.9	<LOD	<LOD	5.76	<LOD	21.37	<LOD	21.25	36.5	<LOD	9453.25	243.5
2038	5/5/2023 5:41	Soil	30.9	ppm	<LOD	168.15	72.4	4.38	62.95	10.49	27.86	<LOD	<LOD	<LOD	<LOD	14.34	<LOD	14.02	51.22	91.3	8130.12	257.25
2039	5/5/2023 5:42	Soil	30.57	ppm	<LOD	157.94	70.9	5.21	61.74	8.87	73.48	<LOD	<LOD	<LOD	<LOD	17.8	<LOD	14.6	49.71	<LOD	8196.85	175.01
2040	5/5/2023 5:43	Soil	30.93	ppm	<LOD	133.99	62.62	<LOD	59.4	10.32	195.56	<LOD	<LOD	<LOD	<LOD	18.6	<LOD	17.44	26.03	<LOD	8725.99	190.1
2041	5/5/2023 5:44	Soil	30.51	ppm	<LOD	158.34	65.14	4.9	56.04	8.99	67.57	<LOD	<LOD	<LOD	<LOD	15.52	<LOD	18.62	38.17	<LOD	7923.61	225.55
2042	5/5/2023 5:45	Soil	30.73	ppm	<LOD	161.59	70.25	<LOD	62.59	10.19	34.74	<LOD	<LOD	<LOD	<LOD	19.69	<LOD	22.58	53.13	<LOD	8859.49	244.22
2043	5/5/2023 5:46	Soil	30.3	ppm	<LOD	110.25	76.52	6.38	61.16	12.93	391.17	<LOD	<LOD	<LOD	<LOD	21.32	<LOD	24.42	50	<LOD	10137.81	234.98
2044	5/5/2023 5:47	Soil	30.89	ppm	<LOD	125.2	63.01	<LOD	71.02	9.25	21.79	<LOD	<LOD	<LOD	<LOD	24.39	<LOD	19.79	33.25	<LOD	11819.14	266.66
2045	5/5/2023 5:48	Soil	31.05	ppm	<LOD	183.85	72.34	<LOD	63.79	11.86	21.85	<LOD	<LOD	<LOD	<LOD	17.32	<LOD	16.64	30.55	<LOD	8849.45	237.18
2046	5/5/2023 5:50	Soil	31.11	ppm	<LOD	145.51	77.76	4.5	60.89	8.91	12.96	<LOD	<LOD	<LOD	<LOD	24.15	<LOD	20.41	59.88	<LOD	9242.8	233.94
2047	5/6/2023 0:32	Soil	34.13	ppm	<LOD	155.6	64.66	<LOD	59.86	9.62	13.3	<LOD	<LOD	<LOD	<LOD	13.12	<LOD	<LOD	50.69	<LOD	7641.21	218.97
2048	5/6/2023 0:33	Soil	30.46	ppm	<LOD	181.31	71.66	<LOD	68.72	10.54	39.34	<LOD	<LOD	<LOD	7.08	20.23	<LOD	<LOD	46.37	<LOD	8569.92	234.87
2049	5/6/2023 0:34	Soil	30.61	ppm	<LOD	125.17	69.32	5.6	67.57	9.12	12.98	<LOD	<LOD	<LOD	<LOD	16.71	<LOD	17.32	47.31	118.71	8701.68	251.75
2050	5/6/2023 0:35	Soil	31.01	ppm	<LOD	201.98	76.73	6.22	64.1	13.69	15.22	<LOD	<LOD	<LOD	<LOD	21.05	<LOD	21.46	45.72	81.37	8774.05	252.87
2051	5/6/2023 0:36	Soil	30.59	ppm	<LOD	179.12	77.59	<LOD	66.53	8.01	15.32	<LOD	<LOD	<LOD	<LOD	21.04	<LOD	18.8	33.2	<LOD	10734.16	254.07
2052	5/6/2023 0:37	Soil	30.93	ppm	<LOD	160.84	73.66	<LOD	71.57	8.9	156.4	<LOD	<LOD	<LOD	<LOD	21.96	<LOD	26.42	67.06	<LOD	11653.72	290.3

2053	5/6/2023 0:39	Soil	30.77	ppm	<LOD	141.18	71.9	5.34	76.63	8.13	20.81	<LOD	<LOD	4.94	6.69	23.96	<LOD	16.6	45.1	<LOD	11210.08	210.42
2054	5/6/2023 7:11	Soil	30.77	ppm	<LOD	180.48	91.08	<LOD	123.95	9.7	33.35	<LOD	<LOD	<LOD	<LOD	54.27	<LOD	<LOD	<LOD	187.93	18965.88	464.9
2055	5/6/2023 7:12	Soil	30.55	ppm	<LOD	130.55	98.15	6.4	110.58	12.94	21.03	<LOD	<LOD	8.28	<LOD	71.8	42.38	41.76	<LOD	175.53	20528.49	408.79
2056	5/6/2023 7:13	Soil	30.83	ppm	<LOD	169.26	90.51	7.76	132.75	13.55	21.84	<LOD	<LOD	9.99	<LOD	68.95	<LOD	53.38	51.6	<LOD	25930.64	426.41
2057	5/6/2023 7:15	Soil	30.53	ppm	<LOD	189.5	97.35	<LOD	127.27	14.29	27.87	<LOD	<LOD	7.62	<LOD	69.63	35.54	57.65	58.31	183.64	23103.95	420.37
2058	5/6/2023 7:16	Soil	31.17	ppm	<LOD	100.63	74.75	<LOD	75.8	7.39	16.8	<LOD	<LOD	<LOD	<LOD	18.67	<LOD	16.83	49.53	<LOD	9389.44	240.24
2059	5/6/2023 7:17	Soil	30.54	ppm	<LOD	162.66	88.04	5.98	90.64	11.48	16.94	<LOD	<LOD	5.23	<LOD	25.33	30.7	17	56.26	68.82	11043.48	299.42
2060	5/6/2023 7:19	Soil	30.73	ppm	<LOD	77.51	73.25	5.41	83.39	6	15.32	<LOD	<LOD	5.21	<LOD	38.51	<LOD	16.37	62.59	<LOD	13583.15	338.41
2061	5/6/2023 7:25	Soil	32.24	ppm	<LOD	141.16	93.3	<LOD	103.32	15.72	2162.45	<LOD	<LOD	364.77	<LOD	737.04	<LOD	29.27	24.31	107.43	18974.99	512.75
2062	5/6/2023 7:26	Soil	30.77	ppm	<LOD	144.47	72.87	<LOD	108.36	14.71	274.99	<LOD	<LOD	52.33	<LOD	72.63	29.58	27.26	53.19	108.38	13484.97	226.25
2063	5/6/2023 7:27	Soil	30.65	ppm	<LOD	128.19	141.35	<LOD	88.82	<LOD	6576.09	<LOD	8.9	1082.39	<LOD	373.7	<LOD	63	96.3	110.06	19401.81	632.96
2064	5/6/2023 7:28	Soil	30.8	ppm	<LOD	151.02	132.76	<LOD	100.35	<LOD	7990.56	<LOD	<LOD	1081.33	<LOD	344.85	<LOD	53.59	53.78	<LOD	17039.74	676.72
2065	5/6/2023 7:30	Soil	31.5	ppm	3.42	167.23	77	5.34	99.17	13.83	437.11	<LOD	<LOD	53.75	<LOD	64.44	<LOD	30.87	51.63	92.8	13875.98	292.31
2066	5/6/2023 7:31	Soil	30.74	ppm	<LOD	117.08	95.32	<LOD	102.48	46.85	9450.61	<LOD	<LOD	<LOD	<LOD	96.61	<LOD	40.48	56.36	153.81	16390.07	367.78
2067	5/6/2023 7:33	Soil	30.69	ppm	<LOD	145.37	71.51	8.59	120.81	16.21	924.79	<LOD	<LOD	145.18	<LOD	175.34	<LOD	44.68	63.1	130.26	23270.88	465.96
2068	5/6/2023 7:34	Soil	30.61	ppm	<LOD	130.46	114.63	7.54	106.33	20.69	3955.5	<LOD	<LOD	502.18	<LOD	424.41	<LOD	53.84	80.29	107.26	19571.74	570.72
2069	5/6/2023 7:35	Soil	30.74	ppm	<LOD	117.95	139.84	9.24	114.92	34.93	11541.48	<LOD	<LOD	1251.17	<LOD	493.41	<LOD	73.57	57.6	<LOD	20028.63	862.25
2070	5/6/2023 7:36	Soil	30.35	ppm	<LOD	146.4	68.66	8.34	114.93	23.87	2999.56	<LOD	<LOD	45.59	<LOD	181.97	32.84	47.44	72.61	154.08	21383.8	403.41

2071	5/6/2023 7:48	Soil	30.83	ppm	<LOD	119.26	130.08	9.23	113.36	26.78	9187.72	<LOD	15.13	1586.33	<LOD	135.84	<LOD	61.92	44.85	<LOD	13787.76	622.51
2072	5/6/2023 7:49	Soil	30.68	ppm	<LOD	174.5	92.26	<LOD	88.58	13.39	468.66	<LOD	<LOD	<LOD	<LOD	43.35	35.58	29.08	49.46	82.06	15248.78	291.11
2073	5/6/2023 7:51	Soil	30.59	ppm	<LOD	197	88.51	5.04	75.57	9.17	22.16	<LOD	<LOD	5.74	<LOD	71.04	<LOD	27.88	55.25	<LOD	12512.41	322.82
2074	5/6/2023 7:51	Soil	30.35	ppm	<LOD	152.09	85.29	<LOD	77.75	8.5	26.96	<LOD	<LOD	<LOD	7.68	57.85	<LOD	29.46	59.62	<LOD	11892.84	269.86
2075	5/6/2023 7:52	Soil	30.88	ppm	<LOD	211.2	83.31	<LOD	67.96	7.7	23.07	<LOD	<LOD	<LOD	6.76	33.07	<LOD	22.21	44.6	<LOD	9560.92	246.31
2076	5/6/2023 7:53	Soil	30.84	ppm	<LOD	184.57	87.47	5.28	74.72	10.16	34.42	<LOD	<LOD	<LOD	<LOD	38.49	28.44	21.85	50.06	66.18	11116.99	293.81
2077	5/6/2023 7:54	Soil	30.48	ppm	<LOD	157.83	91.32	<LOD	75.54	9.64	22.36	<LOD	<LOD	<LOD	<LOD	46.68	<LOD	25.82	38.49	<LOD	12863.21	293.78
2078	5/6/2023 7:57	Soil	30.82	ppm	<LOD	182.32	103.49	<LOD	95.13	12.29	350.4	<LOD	<LOD	<LOD	<LOD	42.06	<LOD	21.51	30.48	<LOD	13262.5	339.97
2079	5/6/2023 7:57	Soil	30.45	ppm	<LOD	140.29	132.95	5.76	96.91	16.1	1604.87	<LOD	<LOD	<LOD	<LOD	259.36	<LOD	56.66	59.73	131.78	20253.96	406.8
2080	5/6/2023 7:59	Soil	30.77	ppm	<LOD	134.22	340.9	6.22	41.44	9.77	86.88	<LOD	<LOD	47.6	<LOD	63.84	<LOD	29.62	64.71	56.61	6506.15	311.88
2081	5/6/2023 8:00	Soil	30.78	ppm	3.38	140.23	308.28	<LOD	41.95	9.25	31.18	<LOD	<LOD	37.62	<LOD	94.63	<LOD	30.52	59.46	96.04	8660.69	419.05
2082	5/6/2023 8:01	Soil	32.9	ppm	<LOD	119.9	254.67	<LOD	46.89	9.76	39.69	2.95	<LOD	37.1	<LOD	69.63	<LOD	22.72	51.01	93.3	7726.39	346.54
2083	5/6/2023 8:03	Soil	30.45	ppm	<LOD	121.03	254.41	<LOD	46.06	7.54	32.34	<LOD	<LOD	27.2	<LOD	147.92	<LOD	30.61	60.14	<LOD	9163.52	277.48
2084	5/6/2023 8:03	Soil	30.59	ppm	<LOD	112.71	197.33	<LOD	64.91	9.68	30.23	<LOD	<LOD	13.63	<LOD	192.52	27.71	27.49	50.23	63.54	8501.4	276.01
2085	5/6/2023 8:04	Soil	30.66	ppm	<LOD	100.84	171.75	<LOD	49.12	6.6	34.86	<LOD	<LOD	12.59	<LOD	132.3	27.89	26.32	42.24	<LOD	7415.94	246.42
2086	5/6/2023 8:05	Soil	30.68	ppm	<LOD	101.39	135.58	<LOD	55.1	8.39	36.29	<LOD	<LOD	13.44	<LOD	577.51	<LOD	19.12	48.77	<LOD	12378.18	279.39
2087	5/6/2023 8:06	Soil	31.35	ppm	<LOD	110.13	122.03	4.67	51.86	7.55	71.36	<LOD	<LOD	14.62	<LOD	129.73	<LOD	29.49	44.86	<LOD	8801.42	229.45
2088	5/6/2023 8:07	Soil	30.75	ppm	<LOD	115.38	60.14	<LOD	156.45	17.57	20.58	<LOD	<LOD	7.78	9.74	85.37	<LOD	50.39	77.06	<LOD	34192.64	514.77

2089	5/6/2023 8:08	Soil	33.86	ppm	<LOD	133.7	70	<LOD	156.73	14.61	23.62	<LOD	<LOD	7.92	<LOD	83.76	<LOD	52.96	58.04	162.22	35888.99	534.45
2090	5/7/2023 1:39	Soil	30.51	ppm	<LOD	87.48	51.1	<LOD	107.21	11.29	11.31	<LOD	<LOD	12.89	<LOD	51.03	<LOD	43.68	<LOD	241.26	25724.2	284.82
2091	5/7/2023 2:03	Soil	30.62	ppm	<LOD	118.87	63.08	7.72	124.39	15.09	17.3	<LOD	<LOD	15.64	<LOD	56.4	<LOD	51.78	71.42	156.51	30872.12	586.32
2092	5/7/2023 2:04	Soil	30.67	ppm	<LOD	122.94	69.75	<LOD	147.36	14.55	28.91	<LOD	<LOD	10.97	<LOD	68.34	<LOD	55.79	41.57	202.31	35560.3	450.42
2093	5/7/2023 2:42	Soil	30.19	ppm	<LOD	94.69	48.58	<LOD	113.19	10.47	9.14	<LOD	<LOD	11.05	<LOD	59.04	<LOD	<LOD	<LOD	<LOD	22478.69	205.53
2094	5/7/2023 2:43	Soil	30.58	ppm	<LOD	91.75	55.69	8.09	122.23	13.1	14.31	<LOD	<LOD	8.63	<LOD	62.64	<LOD	36.56	25.12	103.4	22728.91	224.25
2095	5/7/2023 2:44	Soil	30.49	ppm	<LOD	90.21	51.41	5.99	114.38	13.37	15.26	<LOD	<LOD	7.92	<LOD	53.53	<LOD	37.23	43.69	128.47	22334.07	287.36
2096	5/7/2023 2:45	Soil	30.29	ppm	<LOD	114.61	58.52	6.58	130.69	13.2	18.54	<LOD	<LOD	11.3	<LOD	70.59	<LOD	50.84	66.79	<LOD	32813.71	576.65
2097	5/7/2023 2:46	Soil	30.69	ppm	<LOD	132.67	63.99	6.22	147.42	12.84	21.08	<LOD	<LOD	6.39	<LOD	78.72	<LOD	45.6	48.79	<LOD	32772.3	451.73
2098	5/7/2023 2:47	Soil	30.75	ppm	5.96	120.41	61.77	<LOD	143.18	14.1	24.31	<LOD	<LOD	9.76	<LOD	68.08	<LOD	43.77	30.36	178.45	30561.57	500.77
2099	5/7/2023 2:47	Soil	30.92	ppm	4.52	103.98	55.71	<LOD	130.64	11.78	15.29	<LOD	<LOD	10.19	<LOD	64.91	<LOD	33.75	<LOD	213.16	28217	369.01
2100	5/7/2023 2:48	Soil	30.71	ppm	<LOD	96.71	49.79	<LOD	120.29	12.43	20.6	<LOD	<LOD	9.62	8.79	60.92	<LOD	39.84	30.63	<LOD	33975.86	256.26
2101	5/7/2023 2:50	Soil	31.14	ppm	<LOD	124.24	57.21	<LOD	132.52	12.67	19.34	<LOD	<LOD	5.7	<LOD	69.78	<LOD	40.38	47.06	150.11	28552.1	397.56
2102	5/7/2023 2:51	Soil	30.81	ppm	<LOD	94.1	53.32	<LOD	124.95	10.62	18.56	<LOD	<LOD	12.14	<LOD	68.51	<LOD	43.78	42.81	123.19	30146.59	484.77
2103	5/7/2023 3:01	Soil	31.95	ppm	<LOD	89.61	56.9	8.62	134.53	13.98	18.06	<LOD	<LOD	9.23	<LOD	62.86	<LOD	31.44	51.69	<LOD	25938.99	268.65
2104	5/7/2023 3:02	Soil	30.85	ppm	<LOD	93.8	49.27	9.06	122.31	12.57	17.64	<LOD	<LOD	5.6	<LOD	59.93	<LOD	28.31	49.67	136.27	24773.36	327.07
2105	5/7/2023 3:03	Soil	31.12	ppm	<LOD	109.48	61.21	6.54	131.29	14.26	23.02	<LOD	<LOD	7.42	<LOD	69.08	<LOD	41.23	34.82	148.4	31593.01	560.26
2106	5/7/2023 3:04	Soil	31.26	ppm	<LOD	110.7	57.79	<LOD	135.39	13.31	19.1	<LOD	<LOD	8.01	<LOD	71.39	<LOD	40.09	<LOD	<LOD	30081.17	655.93

2107	5/7/2023 3:04	Soil	30.77	ppm	<LOD	99.2	53.07	<LOD	142.93	12.45	24.09	<LOD	<LOD	<LOD	<LOD	87.14	<LOD	58.29	<LOD	167.21	33310.98	451.8
2108	5/7/2023 3:05	Soil	30.47	ppm	<LOD	116.03	65.79	7.3	150.73	13.81	17.88	<LOD	<LOD	11.08	<LOD	78.47	<LOD	39.97	60.96	<LOD	31448.54	439.04
2109	5/7/2023 3:06	Soil	34.31	ppm	<LOD	73.96	46.14	7.81	114.92	11.09	15.82	<LOD	<LOD	9.84	<LOD	57.04	<LOD	28.71	<LOD	142.89	22895.83	222.35

Reading No	Time	Type	Duration	Units	Pb	Se	As	Hg	Au	Zn	Cu	Ni	Fe	Mo	Zr	Sr	U	Rb	Th	Mn
713	5/30/2023 23:31	Soil	30.69	ppm	31.71	<LOD	<LOD	<LOD	<LOD	396.67	41.27	58.36	17489.12	<LOD	148.51	169.61	<LOD	80.07	<LOD	402.3
714	5/30/2023 23:32	Soil	30.71	ppm	19.39	<LOD	<LOD	<LOD	<LOD	83.63	24.44	64.21	10027.54	<LOD	177.96	118.18	<LOD	58.3	12.01	296.37
715	5/30/2023 23:36	Soil	30.86	ppm	17.29	<LOD	<LOD	<LOD	<LOD	57.09	19.74	46.27	8901.53	<LOD	174.77	85.05	<LOD	51.37	15.22	283.7
716	5/30/2023 23:38	Soil	30.73	ppm	57.93	<LOD	<LOD	<LOD	<LOD	272.75	124.94	78.78	13309.23	3.23	164.35	132.52	<LOD	79.45	11.71	372.02
717	5/30/2023 23:47	Soil	30.98	ppm	14.97	<LOD	4.52	<LOD	<LOD	111.04	23.7	63.47	9138.79	<LOD	127.3	82.75	<LOD	61.67	10.97	257.03
718	5/30/2023 23:48	Soil	30.59	ppm	25.51	<LOD	5.35	<LOD	<LOD	135.88	23.04	68.11	11378.26	<LOD	231.82	106.84	<LOD	71.2	12.21	346.51
719	5/30/2023 23:49	Soil	30.58	ppm	22.89	<LOD	4.89	<LOD	<LOD	98.67	16.78	56.48	8149.68	<LOD	127.62	96.74	<LOD	58.78	8.51	259.25
720	5/30/2023 23:51	Soil	30.77	ppm	64.01	<LOD	<LOD	<LOD	<LOD	80.8	17.98	59.95	9425.43	<LOD	170.78	106.15	6.77	67.52	14.15	315.36
721	5/30/2023 23:54	Soil	30.66	ppm	23.55	<LOD	<LOD	<LOD	<LOD	75.26	16.02	59.2	8445.79	<LOD	158.14	88.4	<LOD	58.12	9.37	245.1
724	5/30/2023 23:58	Soil	30.8	ppm	566.91	<LOD	<LOD	<LOD	<LOD	185.68	15.72	77.95	15495.56	<LOD	143.89	108.32	<LOD	92.69	9.69	385.35
725	5/30/2023 23:59	Soil	30.9	ppm	121.54	<LOD	13.22	<LOD	<LOD	221.48	25.87	43.71	10955.98	<LOD	96.64	167.36	<LOD	57.28	5	275
726	5/31/2023 0:02	Soil	30.4	ppm	48.06	<LOD	<LOD	<LOD	<LOD	242.47	33.47	68.98	26453.23	<LOD	173.41	121.54	<LOD	94.39	7.24	395.44
727	5/31/2023 0:12	Soil	30.99	ppm	16.33	<LOD	<LOD	<LOD	<LOD	47.04	15.28	57.52	9399.69	<LOD	223.35	87.79	<LOD	55.59	13.9	291.58
728	5/31/2023 0:13	Soil	30.5	ppm	19.19	<LOD	<LOD	<LOD	<LOD	85.54	20.48	38.77	9465.12	<LOD	196.81	80.55	5.18	55.45	12.38	250.11
729	5/31/2023 0:14	Soil	30.67	ppm	20.22	<LOD	<LOD	<LOD	<LOD	377.44	18.98	<LOD	9920.64	<LOD	92.26	74.21	<LOD	64.38	5.56	160.37
730	5/31/2023 0:17	Soil	30.82	ppm	17.98	<LOD	<LOD	<LOD	<LOD	111.88	16.69	57.66	9461.63	<LOD	117.24	91.26	<LOD	70.94	8.44	314.01
731	5/31/2023 0:18	Soil	30.65	ppm	14.27	<LOD	<LOD	<LOD	<LOD	55.18	16.69	67.59	7485.04	<LOD	147.43	94.24	<LOD	54.97	9.25	280.77
732	5/31/2023 0:20	Soil	30.73	ppm	30.97	<LOD	7.91	<LOD	<LOD	466.88	68.7	24.7	18817.48	<LOD	70.82	74.81	<LOD	41.17	7.38	253.21
733	5/31/2023 0:22	Soil	31.05	ppm	16.83	<LOD	<LOD	<LOD	<LOD	95.99	46.02	58.77	12228.19	<LOD	107.21	79.08	5.14	81.42	9.77	315.25
734	5/31/2023 0:25	Soil	30.58	ppm	31.92	<LOD	<LOD	<LOD	<LOD	546.35	49.25	53.53	19150.96	<LOD	172.66	105.59	6.17	88.98	7.26	337.61
735	5/31/2023 0:26	Soil	30.42	ppm	18.71	<LOD	<LOD	7.2	<LOD	60.56	22.45	60.48	9895.87	<LOD	304.1	88.4	5.73	68.96	13.8	313.36
736	5/31/2023 0:27	Soil	30.69	ppm	14.01	<LOD	<LOD	<LOD	<LOD	49.45	24.72	49.05	12117.73	<LOD	146.57	89.99	5.11	70.9	10.55	303.47
737	5/31/2023 0:30	Soil	30.61	ppm	29.66	<LOD	<LOD	<LOD	<LOD	181.17	29.96	64.08	14571.32	<LOD	124.66	138.25	<LOD	97	10	315.46
876	6/1/2023 4:12	Soil	31.06	ppm	7.37	<LOD	<LOD	<LOD	<LOD	67.52	96.88	<LOD	1486.65	16	14.74	8.62	<LOD	4.47	<LOD	<LOD
879	6/1/2023 4:19	Soil	30.55	ppm	43.46	<LOD	<LOD	<LOD	<LOD	129.7	108.62	<LOD	2221.32	14.41	23.57	20.58	<LOD	20.22	<LOD	<LOD

880	6/1/2023 4:21	Soil	31.92	ppm	141.18	<LOD	16.93	<LOD	<LOD	145.92	41.61	<LOD	3961.17	12.68	37.55	20.86	<LOD	12.59	<LOD	<LOD
881	6/1/2023 4:22	Soil	30.63	ppm	490.1	<LOD	129.33	<LOD	<LOD	208.74	114.29	<LOD	2254.63	14.23	10.57	17.17	<LOD	28.73	<LOD	<LOD
882	6/1/2023 4:23	Soil	30.94	ppm	154.57	<LOD	36.16	<LOD	<LOD	172.11	68.8	<LOD	3060.51	14.45	13.22	16.38	<LOD	10.15	<LOD	<LOD
883	6/1/2023 4:28	Soil	30.32	ppm	199.2	<LOD	47.6	<LOD	<LOD	212.8	111.25	<LOD	5867.97	17.85	13.76	23.5	<LOD	3.94	<LOD	<LOD
884	6/1/2023 4:29	Soil	30.64	ppm	923.86	<LOD	104.77	<LOD	<LOD	412.13	83	<LOD	4411.67	13.91	10.06	44.94	<LOD	9.31	<LOD	75.02
885	6/1/2023 4:30	Soil	30.59	ppm	92.46	<LOD	19.18	<LOD	<LOD	152.68	58.56	<LOD	1235.17	14.78	11.99	15.71	<LOD	13.19	<LOD	<LOD
886	6/1/2023 4:31	Soil	30.56	ppm	835.66	<LOD	116.38	<LOD	<LOD	377.53	103.42	<LOD	8344.63	9.88	26.54	36.09	<LOD	35.7	<LOD	<LOD
887	6/1/2023 4:34	Soil	30.65	ppm	633.9	<LOD	136.05	<LOD	<LOD	476.24	39.16	<LOD	4584.57	12.14	7.55	45.66	<LOD	6.67	<LOD	1062.35
888	6/1/2023 4:35	Soil	30.7	ppm	206.11	<LOD	28.91	<LOD	<LOD	347.3	39.08	<LOD	7003.41	8.68	65.3	30.96	<LOD	21.85	<LOD	<LOD
889	6/1/2023 4:36	Soil	30.43	ppm	11.23	<LOD	4.32	<LOD	<LOD	52.99	59.2	<LOD	1481.52	17.2	11.73	4.16	<LOD	1.56	<LOD	<LOD
890	6/1/2023 4:38	Soil	30.27	ppm	6.5	<LOD	<LOD	<LOD	<LOD	38.8	37.13	<LOD	986.17	16.08	8.71	11.69	<LOD	4.27	<LOD	<LOD
891	6/1/2023 4:40	Soil	30.56	ppm	183.3	<LOD	18.96	<LOD	5.86	104.85	79.45	<LOD	2182.69	14.42	17.15	19.45	<LOD	43.37	5.62	<LOD
892	6/1/2023 4:41	Soil	30.62	ppm	760.54	<LOD	72.11	<LOD	<LOD	199.1	58.73	<LOD	3744.6	10.88	25.65	30.6	<LOD	24.26	<LOD	<LOD
893	6/1/2023 4:44	Soil	30.69	ppm	145.52	<LOD	33.15	<LOD	<LOD	199.53	21.63	<LOD	4711.44	10.22	21.84	50.94	<LOD	13.6	<LOD	61.38
894	6/1/2023 4:46	Soil	30.81	ppm	10.85	<LOD	<LOD	<LOD	<LOD	305.72	42.41	<LOD	2341.8	14.62	22.49	14.46	<LOD	18.03	2.33	<LOD
895	6/1/2023 4:47	Soil	30.74	ppm	11.93	<LOD	4.12	<LOD	<LOD	124.26	44.91	<LOD	5276.25	11.92	61.81	26.71	<LOD	34.72	6.68	<LOD
896	6/1/2023 4:49	Soil	31.09	ppm	17.92	<LOD	6.53	<LOD	<LOD	148	34.15	62.08	11683.23	3.55	179.72	88.54	4.95	64.42	10.71	269.25
897	6/1/2023 4:51	Soil	30.62	ppm	11.63	<LOD	<LOD	<LOD	<LOD	144.29	26.77	<LOD	2773.47	13.91	16.59	23.74	<LOD	11.71	<LOD	<LOD
898	6/1/2023 4:55	Soil	30.58	ppm	108.23	<LOD	8.69	<LOD	<LOD	181.08	116.06	<LOD	5792.21	9.33	64.99	40.52	<LOD	25.32	4.97	<LOD
899	6/1/2023 4:57	Soil	30.85	ppm	75.27	<LOD	19	<LOD	<LOD	423.2	105.49	<LOD	11665.82	13.58	42.79	66.19	<LOD	32.78	3.23	65.65
900	6/1/2023 5:03	Soil	30.88	ppm	<LOD	<LOD	<LOD	<LOD	<LOD	44.9	71.57	<LOD	1873.71	17.25	15.03	11.07	<LOD	18.18	<LOD	<LOD
901	6/1/2023 5:04	Soil	30.86	ppm	13.51	<LOD	3.46	<LOD	<LOD	280.09	17.56	<LOD	4087.94	11.2	36.42	67.23	<LOD	11.08	<LOD	<LOD
902	6/1/2023 5:12	Soil	31.16	ppm	22.67	<LOD	4.89	<LOD	<LOD	131.27	56.13	<LOD	4554.8	14.06	31.68	23.81	<LOD	15.02	<LOD	<LOD
903	6/1/2023 5:15	Soil	30.96	ppm	23.61	<LOD	<LOD	<LOD	<LOD	130.81	67.02	<LOD	4066.88	11.9	16.9	28.72	<LOD	17.66	<LOD	<LOD
904	6/1/2023 5:16	Soil	30.48	ppm	38.82	<LOD	<LOD	<LOD	<LOD	253.73	66.3	<LOD	1983.23	13.38	13.34	16.47	<LOD	11.38	<LOD	<LOD
905	6/1/2023 5:19	Soil	31.17	ppm	<LOD	<LOD	<LOD	<LOD	<LOD	68.87	181.96	<LOD	1481.6	16.08	10.22	9.07	<LOD	2.43	<LOD	<LOD
906	6/1/2023 5:21	Soil	30.44	ppm	54.69	<LOD	7.97	<LOD	<LOD	93.6	92.64	<LOD	1579.83	15.97	27.98	14.2	<LOD	8.3	<LOD	<LOD
907	6/1/2023 5:23	Soil	30.99	ppm	21.52	<LOD	6.37	<LOD	<LOD	35.14	76.71	<LOD	643.54	12.64	15.46	13.26	<LOD	5.13	<LOD	<LOD
908	6/1/2023 5:25	Soil	24.88	ppm	1091.93	4.96	80.92	10.83	<LOD	185.08	45.17	56.99	13539.63	<LOD	86.29	138.24	<LOD	91.73	9.53	337.33
909	6/1/2023 5:26	Soil	30.62	ppm	1336.34	<LOD	34.56	<LOD	<LOD	493.05	53.22	<LOD	19474.72	5.81	140.26	158.56	<LOD	99.19	16.06	369.39
910	6/1/2023 5:28	Soil	30.43	ppm	1523.89	<LOD	<LOD	7.95	<LOD	284.18	27.77	60.45	16592.63	<LOD	120.93	123.8	<LOD	83.56	17.35	312.21
911	6/1/2023 5:29	Soil	30.72	ppm	2565.23	<LOD	<LOD	<LOD	<LOD	470.12	39.47	60.93	18211.8	<LOD	101.36	198.74	<LOD	82.97	12.58	403.77
912	6/1/2023 5:30	Soil	30.55	ppm	31.34	<LOD	7.99	6.7	<LOD	88.69	21.1	75.84	11234.4	<LOD	82.2	210.91	<LOD	68.08	9.33	365.16
913	6/1/2023 5:31	Soil	30.67	ppm	27.15	<LOD	<LOD	8.38	<LOD	117.86	17.75	82.38	12803.61	<LOD	146	104.61	<LOD	79.16	10.76	351.97

1186	6/12/2023 7:04	Soil	30.55	ppm	76.67	<LOD	10.14	<LOD	<LOD	71.89	21.62	47.49	12513.67	<LOD	188.53	103.52	<LOD	82.44	13.55	337.96
1187	6/12/2023 7:05	Soil	30.57	ppm	51.65	<LOD	14.97	<LOD	<LOD	98.11	48.44	84.51	10529.71	6.96	89.87	423.92	<LOD	43.64	10.73	383.2
1188	6/12/2023 7:06	Soil	30.72	ppm	52.05	<LOD	9.88	<LOD	<LOD	93.77	57.69	109.56	10130.31	8.19	97.13	419.1	5.33	36.98	10.28	429.63
1189	6/12/2023 7:08	Soil	30.61	ppm	123.67	<LOD	13.94	12.35	3.93	213.16	51.88	94	14442.88	7.47	140.92	209.02	<LOD	64.02	9.56	402.9
1190	6/12/2023 7:10	Soil	30.56	ppm	91.61	<LOD	14.42	<LOD	3.87	158	34.63	72.98	13068.82	3.53	99.85	279.28	<LOD	48.43	10.25	378.83
1191	6/12/2023 7:11	Soil	30.39	ppm	172.16	<LOD	<LOD	<LOD	<LOD	154.83	31.7	73.91	12739.47	3.99	110.89	172.01	<LOD	65.17	9.84	410.44
1192	6/12/2023 7:12	Soil	31.66	ppm	100.28	<LOD	15.93	<LOD	<LOD	131.2	48.84	73.63	12360.92	6.15	121.19	284.98	<LOD	44.6	11.98	405.43
1193	6/12/2023 7:14	Soil	31.01	ppm	83.82	<LOD	16.56	<LOD	<LOD	104.45	40.53	63.47	9095.02	<LOD	61.41	582.14	<LOD	52.8	7.85	314.35
1194	6/12/2023 7:16	Soil	30.84	ppm	84.35	<LOD	16.68	<LOD	<LOD	116.87	51.27	71.54	13925.65	4.01	111.67	367.29	<LOD	69.78	12.86	386.52
1195	6/12/2023 7:17	Soil	30.53	ppm	46.65	<LOD	11.31	<LOD	<LOD	106.64	32.28	65.23	11247.33	<LOD	70.42	273.08	<LOD	55.92	8.6	368.33
1196	6/12/2023 7:17	Soil	30.66	ppm	56.13	<LOD	12.78	<LOD	<LOD	312.82	51.64	74.34	14750.17	6.31	82.3	309.12	<LOD	37.6	9.81	378.78
1197	6/12/2023 7:19	Soil	30.44	ppm	67.9	<LOD	14.99	<LOD	<LOD	199.47	36.63	52.74	10098.97	4.2	72.54	229.81	<LOD	52.72	7.91	309.94
1198	6/12/2023 7:20	Soil	30.61	ppm	115.78	<LOD	22.01	<LOD	<LOD	132.43	41.92	81.12	12777.28	4.12	112.91	373.99	<LOD	67.32	7.48	397.95
1199	6/12/2023 7:21	Soil	30.56	ppm	63.76	<LOD	15.84	<LOD	<LOD	159.11	63.28	81.35	10676.91	7.59	102.71	345.58	<LOD	27.2	11.6	467.47
1200	6/12/2023 7:22	Soil	30.36	ppm	118.53	4.13	21.39	<LOD	<LOD	184.04	37.58	84.47	11597.56	3.94	99.32	270.49	<LOD	42.23	10.21	356.59
1201	6/12/2023 7:23	Soil	31	ppm	38.09	<LOD	6.89	7.61	<LOD	96.9	42.05	77.78	10689.72	3.44	79.19	1402.72	<LOD	66.81	7.32	350.7
1202	6/12/2023 7:24	Soil	30.62	ppm	25.17	<LOD	5.94	<LOD	<LOD	84.8	54.51	76.49	8748.36	8.79	81.46	388.4	<LOD	48.99	13.24	321.35
1203	6/12/2023 7:25	Soil	30.44	ppm	45.36	<LOD	14.89	<LOD	<LOD	164.86	67.06	91.56	11065.28	8.72	84.03	429.87	<LOD	26.28	11.94	408.98
1204	6/12/2023 7:26	Soil	33.13	ppm	50.72	<LOD	14.88	<LOD	<LOD	85.55	27.58	86.87	8411.65	<LOD	86.8	586.75	<LOD	62.06	6.93	316.83
1205	6/12/2023 7:27	Soil	30.35	ppm	63.76	<LOD	11.71	8.62	<LOD	133.46	43.73	90.98	10315.87	3.46	75.83	243.82	<LOD	55.38	9.78	381.52
1206	6/12/2023 7:28	Soil	31.7	ppm	29.69	<LOD	8.18	<LOD	<LOD	99.57	42.01	92.48	8784.82	5.3	83.49	242.12	<LOD	37.69	9.32	374.82
1207	6/12/2023 7:29	Soil	30.75	ppm	39.78	<LOD	10.76	7.54	<LOD	86.57	53.55	82.49	8377.82	3.96	75.17	290.13	<LOD	37.43	8.72	333.99
1208	6/12/2023 7:30	Soil	30.7	ppm	32.83	<LOD	7.75	<LOD	3.61	94.56	53.77	102.41	9564.5	<LOD	107.65	268.58	<LOD	31.93	8.88	391.55
1209	6/12/2023 7:31	Soil	30.6	ppm	31.45	<LOD	6.12	<LOD	<LOD	74.68	34.27	78.3	10267.64	<LOD	94.63	290.08	<LOD	73.32	7.06	365.72
1210	6/12/2023 7:31	Soil	30.61	ppm	19.76	<LOD	8.14	<LOD	<LOD	89.04	51.48	99.16	7638.72	5.78	81.02	272.98	<LOD	25.26	8	399.8
1211	6/12/2023 7:32	Soil	30.64	ppm	29.94	<LOD	8.48	<LOD	<LOD	71.54	47.3	86.82	10443.33	5.31	124.22	249.52	<LOD	67.72	7.74	425.64
1212	6/12/2023 7:37	Soil	30.65	ppm	85.47	<LOD	20.77	<LOD	<LOD	114.12	68.53	29.82	5675.86	16.09	44.38	394.92	<LOD	16.38	6.07	208.9
1213	6/12/2023 7:39	Soil	30.59	ppm	81.29	<LOD	11.48	<LOD	<LOD	209.66	54.28	<LOD	3441.01	11.57	22.11	51.29	<LOD	9.19	<LOD	<LOD
1214	6/12/2023 7:40	Soil	30.98	ppm	<LOD	<LOD	<LOD	<LOD	<LOD	33.8	182.24	<LOD	513.54	18.42	8.2	10.78	<LOD	4.65	<LOD	<LOD
1215	6/12/2023 7:42	Soil	30.32	ppm	5.66	<LOD	<LOD	<LOD	<LOD	306.26	<LOD	<LOD	71.96	9.07	10.16	23.21	<LOD	3.44	<LOD	<LOD
1216	6/12/2023 7:43	Soil	30.63	ppm	11.23	<LOD	5.42	<LOD	<LOD	210.29	42.8	<LOD	1716.62	16.24	10.61	25.43	<LOD	16	<LOD	<LOD
1217	6/12/2023 7:44	Soil	30.79	ppm	8.9	<LOD	<LOD	<LOD	<LOD	108.67	121.64	<LOD	1480.46	16.07	15.23	25.6	<LOD	14.99	<LOD	<LOD
1219	6/12/2023 7:47	Soil	30.68	ppm	377.1	<LOD	63.75	<LOD	<LOD	677.16	127.3	<LOD	5508.87	16.2	11.76	13.07	<LOD	12.16	<LOD	<LOD
1220	6/12/2023 7:51	Soil	30.75	ppm	277.46	<LOD	26.6	<LOD	<LOD	355.44	99.9	<LOD	3928.42	14.72	12.04	32.95	<LOD	9.71	<LOD	<LOD

1221	6/12/2023 7:52	Soil	30.68	ppm	153.51	<LOD	45.99	<LOD	<LOD	193.24	116.09	<LOD	4173.1	15.96	16.81	33.59	<LOD	28.84	<LOD	<LOD
1222	6/12/2023 7:53	Soil	30.82	ppm	210.49	<LOD	48.31	<LOD	<LOD	241.46	107.66	<LOD	5063.43	13.97	15.36	47.4	<LOD	24.62	<LOD	<LOD
1223	6/12/2023 7:55	Soil	31.28	ppm	125.53	<LOD	40.14	<LOD	<LOD	244.09	111.12	<LOD	5925.46	18.61	21.11	22.15	<LOD	5.17	<LOD	<LOD
1224	6/12/2023 7:56	Soil	31.39	ppm	295.03	<LOD	75.56	<LOD	<LOD	298.06	136.15	<LOD	8362.73	18.42	18.79	37.73	<LOD	10.03	<LOD	<LOD
1226	6/12/2023 7:58	Soil	31.21	ppm	102.6	<LOD	21.63	<LOD	<LOD	73.82	101.65	<LOD	1692.51	16.85	11.93	15.93	<LOD	18.15	<LOD	<LOD
1227	6/12/2023 7:59	Soil	31.04	ppm	18.84	<LOD	6.23	<LOD	<LOD	176.59	88.17	<LOD	1656.79	20.17	12.12	11.9	<LOD	4.61	<LOD	<LOD
1228	6/12/2023 8:02	Soil	30.92	ppm	21.74	<LOD	6.52	<LOD	<LOD	110.43	71.82	<LOD	1296.64	15.81	10.72	10.62	<LOD	10.74	<LOD	<LOD
1229	6/12/2023 8:03	Soil	30.61	ppm	101.78	<LOD	20.41	<LOD	4.75	76.71	66.01	<LOD	2069.37	14.94	11.66	11.44	<LOD	39.74	3.42	<LOD
1230	6/12/2023 8:05	Soil	30.68	ppm	176.94	3.33	38.71	<LOD	16.18	87.39	58.6	<LOD	2482.66	17.98	15.93	19.6	<LOD	122.17	14.6	<LOD
1232	6/12/2023 8:10	Soil	30.31	ppm	18.97	<LOD	5.08	<LOD	<LOD	80.81	37	<LOD	2331.45	14.06	22.16	18.29	<LOD	12.87	<LOD	<LOD
1233	6/12/2023 8:11	Soil	30.32	ppm	13.77	<LOD	4.06	<LOD	<LOD	148.97	37.55	<LOD	2070.31	18.4	8.73	31.51	<LOD	16.75	<LOD	<LOD
1234	6/12/2023 8:12	Soil	30.58	ppm	10.74	<LOD	<LOD	<LOD	<LOD	145.83	170	<LOD	1258.68	17.9	9.98	21.46	<LOD	13.88	<LOD	<LOD
1235	6/12/2023 8:13	Soil	30.61	ppm	67.18	<LOD	<LOD	<LOD	<LOD	130.3	33.05	115.11	12320.96	<LOD	98.67	562.68	<LOD	65.02	8.47	358.55
1414	6/14/2023 7:56	Soil	30.68	ppm	45.78	<LOD	<LOD	<LOD	<LOD	83.73	44.39	73.54	9668.58	<LOD	114.58	406.4	<LOD	39.15	7.63	340.22
1415	6/14/2023 7:58	Soil	30.5	ppm	28.88	<LOD	<LOD	8.52	<LOD	91.45	48.67	86.48	7418.6	5.56	69.15	354.91	<LOD	35.62	8.01	326.22
1416	6/14/2023 7:59	Soil	30.83	ppm	118.2	<LOD	24.27	<LOD	<LOD	124.45	42.62	58.8	11135.62	4.11	102.29	410.38	<LOD	49.42	5.97	368.29
1417	6/14/2023 8:00	Soil	30.78	ppm	77.98	<LOD	12.31	7.84	<LOD	145.59	40.97	57.18	11061.62	5.95	95.11	605.48	<LOD	54.09	8.76	322.83
1418	6/14/2023 8:01	Soil	30.75	ppm	26.55	<LOD	6.68	<LOD	<LOD	72.56	36.08	72.15	7669.26	<LOD	79.88	358.96	<LOD	40.87	6.06	270.34
1419	6/14/2023 8:02	Soil	31.02	ppm	35.1	<LOD	7.89	<LOD	<LOD	83.01	63.48	100.77	9049.71	4.4	81.62	323.64	<LOD	51.91	10.64	395.9
1420	6/14/2023 8:02	Soil	30.52	ppm	23.54	<LOD	<LOD	<LOD	3.28	79.83	22.1	68.98	7639.3	<LOD	67.68	208.7	<LOD	50.21	10.52	308.89
1421	6/14/2023 8:03	Soil	30.77	ppm	53.4	<LOD	13.39	7.25	4.29	83.15	39.59	87.83	11794.06	<LOD	82.4	407.4	5.9	60.01	7.06	373.54
1422	6/14/2023 8:04	Soil	30.89	ppm	31.39	<LOD	7.37	<LOD	<LOD	76.02	32.73	72.04	8863.69	<LOD	92.19	342.31	<LOD	47.66	7.91	294.45
1423	6/14/2023 8:06	Soil	30.85	ppm	32.76	<LOD	<LOD	9.37	<LOD	74.88	48.45	87.02	7714.29	3.57	80.21	537.62	<LOD	42.43	8.93	362.92
1424	6/14/2023 8:07	Soil	30.55	ppm	186.24	<LOD	19.02	9.2	<LOD	257.74	51.46	87.26	12628.83	<LOD	112.54	362.53	<LOD	53.66	11.11	387.81
1425	6/14/2023 8:08	Soil	30.75	ppm	140.03	<LOD	17.66	<LOD	<LOD	523.02	40.4	69.92	14622.55	<LOD	113.71	224.8	5.22	67.05	8.48	352.18
1426	6/14/2023 8:09	Soil	30.31	ppm	76.79	<LOD	17.91	<LOD	<LOD	101.84	25.29	72.61	9621.81	<LOD	62.3	448.16	<LOD	56.12	6.58	286.15
1427	6/14/2023 8:10	Soil	30.6	ppm	109	<LOD	9.38	9.5	<LOD	241.1	37.32	88	11400.6	<LOD	96.72	240.46	5.19	47.15	7.6	367.19
1428	6/14/2023 8:11	Soil	30.57	ppm	46.09	<LOD	12.15	<LOD	<LOD	217.44	30.59	65.6	9241.89	3.83	87.11	187.29	<LOD	44.47	7.39	329.43
1429	6/14/2023 8:12	Soil	30.74	ppm	57.83	<LOD	18	<LOD	<LOD	83.34	44.97	66.02	8585.48	<LOD	68.6	236.11	<LOD	46.39	8.82	305.98
1430	6/14/2023 8:13	Soil	31.14	ppm	54.78	<LOD	13.92	<LOD	<LOD	84.54	40.14	80.05	8818.2	<LOD	73.03	180.64	4.87	57.33	8.57	296.93
1432	6/14/2023 8:16	Soil	30.5	ppm	53.38	<LOD	14.08	<LOD	<LOD	215.74	43.89	91.34	9985.4	<LOD	79.75	239.61	5.18	53.19	9.77	382.42
1433	6/14/2023 8:17	Soil	30.75	ppm	133.01	<LOD	17.62	<LOD	<LOD	391.73	38.96	84.57	34968.7	4.22	107.42	269.6	<LOD	58.77	12.76	462.61
1434	6/14/2023 8:18	Soil	30.6	ppm	101.2	<LOD	16.26	<LOD	<LOD	133.55	40.75	77.73	13612.22	<LOD	80.19	382.89	<LOD	60.45	8.29	394.37
1435	6/14/2023 8:19	Soil	30.49	ppm	111.51	<LOD	16.01	<LOD	<LOD	147.47	53.31	97.54	13729.6	3.5	117.87	225.36	<LOD	70.71	12.95	393.99

1436	6/14/2023 8:20	Soil	30.6	ppm	86.42	3.68	16.09	<LOD	3.89	127.77	49.71	93.72	14384.65	<LOD	131.77	301.36	<LOD	50.15	12.06	440.96
1437	6/14/2023 8:21	Soil	30.75	ppm	93.47	<LOD	11.3	8.77	<LOD	1385.37	42.13	88.07	22218.38	6.93	161.72	235.91	<LOD	61.23	9.9	439.5
1438	6/14/2023 8:22	Soil	30.38	ppm	80.78	<LOD	11.82	<LOD	<LOD	100.4	44.5	93.12	13207.92	3.7	214.68	268.61	<LOD	68.77	15.74	470.75
1439	6/14/2023 8:24	Soil	30.74	ppm	19.1	<LOD	5.26	<LOD	<LOD	63.82	36.3	76.11	14976.34	<LOD	163	107.93	<LOD	90.47	13.61	326.13
1440	6/14/2023 8:26	Soil	30.72	ppm	15.39	<LOD	4.85	<LOD	<LOD	56.82	34.73	51.82	12260.26	<LOD	147.82	111.42	<LOD	82.26	9.97	340.62
1441	6/14/2023 8:27	Soil	31.21	ppm	16.84	<LOD	6.86	6.72	<LOD	45.02	18.21	84.51	12154.58	<LOD	153.83	110.01	8.71	81.2	14.5	340.26
1442	6/14/2023 8:28	Soil	30.7	ppm	21.16	<LOD	6.05	<LOD	<LOD	67.81	34.45	70.31	15670.81	<LOD	202.16	113.27	6.3	102.12	14.41	305.69
1443	6/14/2023 8:30	Soil	30.66	ppm	15.81	<LOD	5.21	6.63	<LOD	57.05	34.54	78.51	10775.74	<LOD	223.59	108.02	<LOD	85.56	14.11	299.58
1444	6/14/2023 8:31	Soil	30.83	ppm	15.49	<LOD	4.87	<LOD	<LOD	45.17	29.47	80.2	11176.23	<LOD	164.48	117.38	8.52	101.19	16.22	264.43
1445	6/14/2023 8:32	Soil	30.66	ppm	13.59	<LOD	5.63	<LOD	<LOD	41.48	31.58	55.03	12433.93	<LOD	205.26	103.39	6.62	83.97	19.77	332.7
1446	6/14/2023 8:33	Soil	30.64	ppm	23.69	<LOD	<LOD	<LOD	<LOD	56.71	44.2	43.44	16062.71	<LOD	141.43	113.36	6.23	114.13	13.62	300.23
1447	6/14/2023 8:34	Soil	30.6	ppm	13.49	<LOD	11.9	8.4	4.5	46.61	41.36	112.81	13974.96	<LOD	130.01	108.96	<LOD	100.39	12.72	435.22
1448	6/14/2023 8:36	Soil	31.19	ppm	15.1	<LOD	<LOD	7.75	<LOD	38.71	26.75	67.86	10188.5	<LOD	164.47	117.34	<LOD	72.94	15.56	306.18
1449	6/14/2023 8:37	Soil	33.02	ppm	14	<LOD	6.71	<LOD	<LOD	48.24	23.77	44.31	15570.17	<LOD	156.79	115.35	5.27	95.98	11.81	345.25
1450	6/14/2023 8:38	Soil	30.73	ppm	20.79	<LOD	6.79	<LOD	<LOD	57.12	32.91	79.97	18044.56	<LOD	158.85	101.3	6.54	109.74	15.8	427.3
1451	6/14/2023 8:39	Soil	30.64	ppm	25.85	<LOD	9.44	<LOD	3.44	58.22	41.14	64.36	19626.76	<LOD	211.01	87.86	<LOD	119.02	17.85	422.07
1452	6/14/2023 8:40	Soil	30.74	ppm	24.02	<LOD	<LOD	<LOD	<LOD	120.94	23.25	83.42	13486.84	<LOD	150.65	114.43	<LOD	85.55	13.04	398.09
1453	6/14/2023 8:42	Soil	30.54	ppm	10.84	<LOD	5.39	<LOD	<LOD	39.48	37.49	66.28	8645.06	<LOD	103.74	112.55	<LOD	87.02	10.17	354.22
1454	6/14/2023 8:43	Soil	30.64	ppm	19.97	<LOD	<LOD	<LOD	<LOD	60.78	35.93	43.62	9935.94	<LOD	127.43	136.03	5.68	78.83	13.5	429.15
1455	6/14/2023 8:44	Soil	30.82	ppm	12.92	<LOD	7.18	<LOD	<LOD	50.01	38.55	89.91	14147.76	<LOD	137.25	125.25	<LOD	96.99	11.75	376.4
1456	6/14/2023 8:45	Soil	30.79	ppm	17.05	<LOD	7.05	<LOD	<LOD	48.32	35.09	72.88	13565.81	<LOD	152.46	103.72	6.88	103.88	13.2	336.84
1459	6/14/2023 22:42	Soil	30.82	ppm	22.01	<LOD	<LOD	<LOD	<LOD	51.89	39.01	43.27	13722.2	<LOD	191.09	92.18	<LOD	103.99	15.02	282.66
1460	6/14/2023 22:46	Soil	30.62	ppm	19.29	<LOD	9.25	<LOD	<LOD	61.14	31.55	78.31	20837.14	<LOD	152.06	76.18	<LOD	110.25	12.06	416.19
1461	6/14/2023 22:47	Soil	30.65	ppm	22.7	<LOD	6.21	<LOD	<LOD	53.92	37.19	37.97	16034.29	3.35	201.84	93.57	<LOD	83.98	10.58	326.62
1462	6/14/2023 22:47	Soil	30.68	ppm	28.94	<LOD	7.97	<LOD	<LOD	67.34	42.41	59.49	24605.81	<LOD	179.31	80.26	<LOD	114.05	15.35	431.55
1463	6/14/2023 22:48	Soil	30.73	ppm	22.26	<LOD	8.73	<LOD	<LOD	72.03	43.82	83.14	25593.48	<LOD	122.82	74.11	<LOD	137.08	16	388.25
1464	6/14/2023 22:49	Soil	30.68	ppm	20	<LOD	8.83	<LOD	<LOD	59.38	56.42	28.45	21948.39	3.65	111.57	80.17	<LOD	107.36	11.5	341.42
1465	6/14/2023 22:50	Soil	30.56	ppm	20.91	<LOD	<LOD	6.93	<LOD	32.65	26.3	72.77	11123.63	<LOD	250.52	107.04	<LOD	80.9	11.79	368.12
1466	6/14/2023 22:51	Soil	30.69	ppm	20.6	<LOD	5.97	<LOD	<LOD	59.75	47.37	<LOD	22734.49	<LOD	109.47	84.55	<LOD	108.5	14.31	366.34
1467	6/14/2023 22:52	Soil	30.94	ppm	20.62	<LOD	8.02	<LOD	<LOD	70.23	40.14	36.34	22585.09	3.61	105.56	62.94	<LOD	103.69	12.08	324.28
1468	6/14/2023 22:53	Soil	30.79	ppm	21.61	<LOD	10.97	<LOD	<LOD	62.69	35.88	52.74	20374.34	<LOD	119.87	68.19	<LOD	108.75	11.42	311.69
1469	6/14/2023 22:54	Soil	30.74	ppm	24.49	<LOD	7.28	<LOD	<LOD	72.77	51.1	82.01	26197.42	<LOD	144.96	75.99	<LOD	141.11	19.05	398.45
1470	6/14/2023 22:55	Soil	30.68	ppm	19.93	<LOD	11.84	<LOD	<LOD	72.74	47.57	<LOD	23821.9	6.32	143.22	80.09	<LOD	133.55	15.77	300.04
1471	6/14/2023 22:55	Soil	30.7	ppm	25.52	<LOD	6.83	<LOD	<LOD	62.77	40.9	35.55	19159.63	4.35	133.49	66.61	<LOD	103.8	13.3	354.34

1472	6/14/2023 22:56	Soil	30.59	ppm	23.97	<LOD	7.38	<LOD	<LOD	92.63	48.62	40.1	32909.29	<LOD	141.84	80.15	<LOD	151.84	15.82	371.52
1473	6/14/2023 22:57	Soil	30.42	ppm	26.79	<LOD	<LOD	<LOD	<LOD	79.58	35.13	<LOD	24618.48	3.94	115.77	65.76	<LOD	130.42	12.61	393.4
1474	6/14/2023 22:58	Soil	30.58	ppm	20.24	<LOD	10.31	<LOD	<LOD	72.06	58.74	53.55	25460.83	<LOD	146.71	88.76	<LOD	122.55	13.65	331.08
1475	6/14/2023 22:59	Soil	30.58	ppm	23.5	<LOD	6.42	<LOD	<LOD	78.53	38.43	59.41	27157.72	<LOD	130.51	76.63	7.49	140.5	14.72	369.81
1476	6/14/2023 23:00	Soil	30.79	ppm	15.62	<LOD	6.21	<LOD	<LOD	47.23	32.1	<LOD	14436.24	7.1	172.86	79.4	<LOD	88.7	12.47	271.61
1477	6/14/2023 23:01	Soil	30.64	ppm	17.59	<LOD	9.48	<LOD	<LOD	93.18	60.71	33.56	31313.8	4.45	117.88	59.87	<LOD	139.54	15.03	356.68
1478	6/14/2023 23:02	Soil	30.73	ppm	15.52	<LOD	8.09	<LOD	<LOD	56.7	44.26	<LOD	11813.08	7.42	137.13	82.67	<LOD	79.52	11.69	324.1
1479	6/14/2023 23:02	Soil	39.42	ppm	47.92	<LOD	<LOD	<LOD	<LOD	59.83	45.26	64.93	16278.11	<LOD	198.88	98.89	<LOD	95.01	13.28	372.24
1480	6/14/2023 23:03	Soil	30.34	ppm	26.47	<LOD	7.67	<LOD	<LOD	65.45	30.18	35.5	20657.53	<LOD	162.15	111.09	5.82	106.26	14.84	460.43
1481	6/14/2023 23:05	Soil	31.04	ppm	15.65	<LOD	7.5	<LOD	<LOD	56.81	40.45	46.45	17199.21	<LOD	235.38	103.46	8.39	98.15	15.91	374.58
1482	6/14/2023 23:05	Soil	30.52	ppm	23.81	<LOD	5.4	<LOD	<LOD	65.86	46.14	45.72	24975.33	<LOD	133.05	70.66	<LOD	133.62	14.65	433.69
1483	6/14/2023 23:06	Soil	30.58	ppm	23.16	<LOD	10.05	<LOD	<LOD	88.02	59.07	50.16	29672.85	<LOD	147.95	73.91	<LOD	146.39	12.27	431.14
1484	6/14/2023 23:07	Soil	30.68	ppm	23.84	<LOD	10.08	<LOD	<LOD	92.08	53.05	58.93	28909.87	<LOD	101.76	65.39	<LOD	123.53	13.89	386.35
1486	6/14/2023 23:09	Soil	30.37	ppm	19.91	<LOD	11.28	<LOD	<LOD	86.37	55.77	89.3	32445.71	<LOD	108.74	65.81	<LOD	149.47	13.46	500.17
1487	6/14/2023 23:10	Soil	30.84	ppm	20.37	<LOD	19.63	<LOD	<LOD	55.62	34.26	<LOD	24538.31	5.63	126.9	72.12	6.3	116.08	12.34	325.96
1488	6/14/2023 23:11	Soil	30.51	ppm	21.95	<LOD	11.54	<LOD	<LOD	67.7	50.83	56.06	21133.54	<LOD	103.86	82.41	<LOD	124.07	15.68	328.34
1489	6/14/2023 23:12	Soil	30.32	ppm	22.5	<LOD	5.98	<LOD	<LOD	42.62	28.03	64.64	13343.72	<LOD	145.61	100.81	<LOD	90.64	11.16	314.95
1490	6/14/2023 23:13	Soil	30.34	ppm	20.99	<LOD	5.86	<LOD	<LOD	70.66	46.94	41.99	24848.87	<LOD	161.46	66.82	<LOD	129.17	16.97	366.06
1491	6/14/2023 23:14	Soil	30.54	ppm	27.05	<LOD	11.01	<LOD	<LOD	81.7	57.32	82.39	35527.38	<LOD	134.01	73.74	6.87	159.58	17.36	377.61
1492	6/14/2023 23:15	Soil	30.48	ppm	15.01	<LOD	<LOD	<LOD	<LOD	53.55	25.97	34.21	17358.43	6.95	167.84	102.72	<LOD	87.51	12.99	309.5
1493	6/14/2023 23:15	Soil	30.5	ppm	19.35	<LOD	5.14	<LOD	<LOD	55.58	40.06	63.37	17285.17	<LOD	209.77	97.73	<LOD	107.37	14.57	326.07
1494	6/14/2023 23:21	Soil	30.51	ppm	16.97	<LOD	5.59	<LOD	<LOD	42.8	24.96	53.63	10934.99	<LOD	165.9	83.83	6.11	77.59	12.6	287.64
1496	6/14/2023 23:24	Soil	30.94	ppm	27.19	<LOD	<LOD	<LOD	<LOD	55.81	18.37	40.26	10253	<LOD	162.19	79.31	<LOD	69.64	9.74	267.07
1497	6/14/2023 23:25	Soil	30.59	ppm	42.64	<LOD	<LOD	<LOD	<LOD	32.05	24.35	44.82	10069.25	<LOD	241.29	92.65	<LOD	60.84	12.71	279.46
1498	6/14/2023 23:26	Soil	30.5	ppm	16.51	<LOD	<LOD	6.63	3.16	25.64	24.52	52.32	9666.51	<LOD	183.9	76.65	<LOD	63.27	10.69	263.2
1499	6/14/2023 23:27	Soil	31.39	ppm	74.17	<LOD	<LOD	<LOD	<LOD	35.7	24.84	45.54	11870.01	<LOD	229.23	106.18	6.63	82.51	15.67	311.13
1500	6/14/2023 23:28	Soil	30.32	ppm	20.72	<LOD	7.56	<LOD	<LOD	41.31	25.32	54.13	9815.69	<LOD	140.45	96.8	<LOD	72.84	10.63	267.05
1501	6/14/2023 23:30	Soil	30.67	ppm	21.04	<LOD	4.79	<LOD	<LOD	32.41	<LOD	42.94	10057.59	3.39	206.51	76.33	4.91	63.68	11.04	235.81
1502	6/14/2023 23:31	Soil	30.6	ppm	42.25	<LOD	<LOD	<LOD	<LOD	44.84	38.83	57.57	15031.55	<LOD	213.46	85.3	<LOD	99.21	15.22	413.94
1503	6/14/2023 23:34	Soil	30.75	ppm	135.53	<LOD	16.91	<LOD	<LOD	80.34	37.46	83.55	18127.59	<LOD	121.21	81.44	<LOD	118.98	12.31	304.8
1504	6/14/2023 23:35	Soil	30.73	ppm	17.55	<LOD	6.63	<LOD	<LOD	34.84	17.41	56.21	12575.96	3.17	145.24	89.7	<LOD	85.23	10.08	304.58
1505	6/14/2023 23:37	Soil	30.79	ppm	14.73	<LOD	5.62	<LOD	<LOD	40.49	25.48	32.49	10406.4	<LOD	164.21	77.6	<LOD	70.53	10.21	257.6
1506	6/14/2023 23:39	Soil	30.73	ppm	15.34	<LOD	<LOD	<LOD	<LOD	30.72	31.07	48.15	11460.19	<LOD	191.79	84.13	<LOD	71.34	12.46	301
1507	6/14/2023 23:40	Soil	30.26	ppm	17.54	<LOD	5.09	8.42	<LOD	45.19	35.45	49.34	15107.33	<LOD	189.77	89.33	<LOD	94.5	10.3	318.36

1508	6/14/2023 23:43	Soil	30.7	ppm	18.52	<LOD	4.63	<LOD	<LOD	39.99	25.13	60.57	11620.13	<LOD	187.2	89	<LOD	72.37	8.12	316.77
1509	6/14/2023 23:44	Soil	30.85	ppm	19.49	<LOD	<LOD	<LOD	<LOD	41.82	15.49	66.56	11649.9	<LOD	141.8	90.84	<LOD	80.53	9.43	302.94
1518	6/15/2023 0:37	Soil	30.42	ppm	112.04	<LOD	19.48	<LOD	<LOD	209.09	33.54	<LOD	3950.39	12.84	20.5	42.82	<LOD	11.45	<LOD	40.52
1519	6/15/2023 0:38	Soil	30.75	ppm	154.75	<LOD	18.17	<LOD	5.88	184.99	35.84	<LOD	2998.64	12.12	37.59	43.34	<LOD	52.99	8.44	<LOD
1520	6/15/2023 0:39	Soil	30.8	ppm	<LOD	<LOD	<LOD	<LOD	<LOD	51.75	128.91	<LOD	609.94	13.73	7.3	11.37	<LOD	19.02	<LOD	<LOD
1521	6/15/2023 0:42	Soil	30.85	ppm	25.3	<LOD	5.36	<LOD	<LOD	324.91	66.13	<LOD	3996.63	12.01	35.4	22.03	<LOD	10.25	2.49	<LOD
1522	6/15/2023 0:42	Soil	30.68	ppm	26.13	<LOD	5.64	<LOD	<LOD	151.7	119.74	<LOD	3162.25	12.82	21.13	21.82	<LOD	9.05	<LOD	<LOD
1523	6/15/2023 0:43	Soil	30.63	ppm	132.63	<LOD	17.78	<LOD	<LOD	306.91	131.32	<LOD	4077.85	16.27	15.08	22.36	<LOD	11.94	<LOD	<LOD
1524	6/15/2023 0:46	Soil	30.76	ppm	20.59	<LOD	<LOD	<LOD	<LOD	115.71	69.71	<LOD	3776.24	11.72	75.59	33.55	<LOD	23.69	3.94	<LOD
1525	6/15/2023 0:47	Soil	30.43	ppm	7.13	<LOD	3.29	<LOD	<LOD	241.28	94.15	<LOD	1868.22	14.19	22.72	20.05	<LOD	19.56	<LOD	<LOD
1526	6/15/2023 0:48	Soil	30.62	ppm	<LOD	<LOD	<LOD	<LOD	<LOD	66.47	91.89	<LOD	1224.87	19.26	11.37	10.18	<LOD	8.54	<LOD	<LOD
1527	6/15/2023 0:50	Soil	30.33	ppm	4.61	<LOD	<LOD	<LOD	<LOD	23.94	62.17	<LOD	833.62	15.82	8.61	11.36	<LOD	3.31	<LOD	<LOD
1528	6/15/2023 0:51	Soil	30.75	ppm	23.27	<LOD	7.59	<LOD	4.98	195.64	68.46	<LOD	2125.64	15.29	8.7	22.49	<LOD	54.7	5.78	<LOD
1529	6/15/2023 0:52	Soil	30.54	ppm	12.25	<LOD	3.69	<LOD	<LOD	70.05	205.7	<LOD	1478.07	15.1	9.61	13.55	<LOD	14.68	<LOD	<LOD
1530	6/15/2023 0:53	Soil	30.63	ppm	72.6	<LOD	12.67	<LOD	<LOD	87.17	372.39	<LOD	1643.17	13.58	11.64	11.89	<LOD	4.25	<LOD	<LOD
1531	6/15/2023 0:54	Soil	30.96	ppm	234.35	<LOD	57.15	<LOD	<LOD	241.17	363.78	<LOD	5243.12	13.37	31.35	33.25	<LOD	20.02	<LOD	<LOD
1532	6/15/2023 0:54	Soil	30.33	ppm	100.28	<LOD	14.97	<LOD	<LOD	121	76.4	<LOD	2169.63	13.4	12.35	12.42	<LOD	7.76	<LOD	<LOD
1533	6/15/2023 0:57	Soil	30.43	ppm	213.93	<LOD	24.71	<LOD	14.45	86.42	32.83	<LOD	2744.49	13.98	19.21	24.9	<LOD	99.91	13.87	<LOD
1534	6/15/2023 0:58	Soil	30.6	ppm	40.41	<LOD	7.92	<LOD	<LOD	91.85	74.77	<LOD	1328.93	14.54	11.26	11.9	<LOD	10.85	<LOD	<LOD
1538	6/15/2023 1:00	Soil	30.74	ppm	31.52	<LOD	6.49	<LOD	<LOD	75.2	49.27	<LOD	1315.82	15.59	9.93	10.44	<LOD	6.4	<LOD	<LOD
1165	4/11/2023 2:36	Soil	30.41	ppm	26.16	<LOD	5.06	6.48	236.24	<LOD	<LOD	33.02	<LOD							
1166	4/11/2023 2:39	Soil	30.56	ppm	34.47	<LOD	5.59	<LOD	460.26	<LOD	20.33	60.18	105.51							
1167	4/11/2023 2:40	Soil	30.66	ppm	47.55	<LOD	<LOD	6.6	221.33	<LOD	<LOD	44.59	<LOD							
1170	4/11/2023 5:21	Soil	30.94	ppm	37.95	<LOD	<LOD	<LOD	158.89	<LOD	<LOD	49.85	183.74							
1173	4/11/2023 5:29	Soil	30.62	ppm	40.79	<LOD	<LOD	<LOD	180	<LOD	18.16	<LOD	<LOD							
1215	4/12/2023 5:41	Soil	30.77	ppm	27.39	<LOD	<LOD	<LOD	266.8	<LOD	<LOD	46.48	<LOD							
1795	4/29/2023 1:42	Soil	30.64	ppm	30.16	<LOD	<LOD	<LOD	99.54	<LOD	42.69	31.86	70.04							
2015	5/5/2023 2:57	Soil	30.65	ppm	810.98	<LOD	<LOD	<LOD	131.87	<LOD	28.31	<LOD	<LOD							
2020	5/5/2023 3:03	Soil	30.98	ppm	2047.39	<LOD	<LOD	<LOD	201.65	<LOD	<LOD	<LOD	92.43							
2023	5/5/2023 3:06	Soil	30.54	ppm	757.83	<LOD	42.68	7.67	207.83	<LOD	70.38	74.9	107.96							
2027	5/5/2023 3:10	Soil	30.65	ppm	1507.12	<LOD	<LOD	<LOD	276.82	<LOD	<LOD	<LOD	121.66							
2029	5/5/2023 3:12	Soil	31.23	ppm	1319.62	<LOD	<LOD	<LOD	72.57	<LOD	24.93	24.58	105.67							