Environmental Monitoring Report

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NOTES

(i) The fiscal year (FY) of the Government of the Islamic Republic of Pakistan and its agencies ends on 30 June.
(ii) In this report "$" refer to US dollars.

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ABBREVIATIONS

ACD	Agriculture and Cooperatives Department
ADB	Asian Development Bank
BWRDSP	Balochistan Water Resources Development Sector Project
BEPA	Balochistan Environmental Protection Agency
BEQS	Balochistan Environmental Quality Standards
BID	Balochistan Irrigation Department
CSC	Construction Supervision Consultants
DLP	Defect Liability Period
EMP	Environmental Management Plan
ES	Environment Specialist
GoB	Government of Balochistan
GRC's	Grievance Redressal Committee's
GRM	Grievance Redressal Mechanism
ha	Hectare
H&S	Health and safety
HSE	Health Safety and Environment
IA	Implementation Agency
IEE	Initial Environmental Examination
MRB	Mula River Basin
PMO	Project Management Office
PIS	Perennial Irrigation Scheme
PIO	Project Implementation Office
PPE's	Personal protective equipment's
SAEMR	Semi-annual Environmental Monitoring Report
SC	Supervision Consultant
SFA	Social Framework Agreement
SPDIS	Solar Powered Drip Irrigation System
SOPs	Standard Operating Procedures
SSEMP	Site Specific Environmental Management Plan
SSHSEMP	Site Specific Health Safety Environmental Management Plan
TBT	Toolbox Talk
WRB	Water Resources Building
ZRB	Zhob River Basin

BRIEF SUMMARY

1. The Asian Development Bank (ADB) is partnering with the Government of Balochistan Province (GoBP), to undertake the Balochistan Water Resources Development Sector Project (BWRDSP) in Zhob and Khuzdar Districts.

2. The BWRDSP will support the implementation of the integrated water resources management policy of the Government of Balochistan (GoB). This policy provides a comprehensive framework for the province to address the issues of water management and development in the context of basin approach, with water harvesting, and groundwater recharging as an integral part of watershed management. About 11 potential sub-projects out of over 300 longlists in the Zhob and Mula river basins were selected for potential ADB financing based on a set of criteria such as water and land availability, economic viability, and a balanced approach to extending development support to different tribal groups. The project was approved by ADB on 31 August 2018 for a concessional loan of $100 million from ADB's ordinary capital resources (L3700-PAK), a grant of $3 million from the Japan Fund for Poverty Reduction (JFPR, G9197-PAK), and a grant of $2 million from the High-Level Technology Fund (HLTF, G0597-PAK). The loan, grants, and project agreements were signed on 5 January 2019. The loan and grants became effective on 7 March 2019. The physical completion of the project is scheduled for 31 December 2027..

3. The project is focused on achieving two significant outcomes in Balochistan: enhancing farm income and improving water resources management. By effectively implementing this project, we aim to witness a remarkable increase in agricultural production in the project areas.

4. Outputs: The project has three outputs:

   (i) Irrigation infrastructure constructed and/or improved;
   (ii) Command area and watershed protection expanded and improved; and
   (iii) Institutional capacity strengthened.

5. Details of Sub-projects

   - **Ahmedzai Perennial Irrigation Scheme NCB 08:** This sub-project named Ahmedzai Irrigation Scheme NCB 08 is located in District Zhob at a distance of about 51 km South-East of Zhob City. This sub-project will rehabilitate and improve damaged weir, canals and appurtenant structures to serve an area of 612 ha. Main components of the sub-project include; (i) a weir structure on the Saward Rud (river) with an irrigation outlet for Perennial channel on the right side and a head regulator for Flood channel on the left side;(ii) a 3.5 km long Perennial Irrigation channel to irrigate 208 ha of command area on right bank (iii) a 7.5km long Flood Irrigation Channel to irrigate 404 ha of land by Sailaba irrigation on the left bank of the river. The proposed project is awarded to Noor ul Haq & Brothers Contractors.

   - **Karkh valley development sub-project NCB 01:** This sub-project is comprised of 2250 ha of culturable land, which will be brought under irrigated agriculture. It is estimated that around 20 MCM of water is available annually for developing agriculture in the command area on the both right and left banks of the river. Currently, cropping intensity in the core sub-project area is 89% and it will be

increased to 120 percent after the completion of the core sub-project. There will be an appreciable socio-economic development as a result of the project. The proposed Karkh valley development sub-project consists of three parts: (a) general works – which relate to the Karkh Valley as a whole, (b) weir construction at Jhalaro, and (c) weir rehabilitation at Chutta. The design interventions for the sub-project include; (a) guide bund / flood protection works, (b) construction of new Jhalaro weir, (c) weir rehabilitation at Chutta, (d) Rehabilitation of Chutta lift irrigation (pump house), and (e) lining of unlined existing channels. The proposed project is awarded to M/S Zahir Khan Brothers VS Agha Construction Company.

- **Water Resources Building NCB 05:** The proposed civil works Water Resources Building Quetta (NCB 05) is located on an existing building compound of Irrigation Department, Balochistan which is on government-owned land. Construction Contract has been awarded to M/S Abdul Hameed Bangulzai JV M/S Muhammad Akram Shawani.

- **Kharzan Hatachi Infiltration Gallery NCB 02:** The Kharzan-Hatachi Infiltration Gallery sub-project NCB 02 is located in District Khuzdar in Mula River Basin on Mula River. The proposed intervention for the sub-project include; (a) Construction of two infiltration galleries, (b) Construction and rehabilitation of water conveyance system and associated structures, (c) flood protection works for irrigation canals and command area. The sub-project is aimed to rehabilitate and improve damaged infrastructure to enhance size of command area having irrigation facility. Construction contract of this project has been awarded to M/s Agha Brothers Construction Company, M/s Agha Construction Company and M/s Sadaat Enterprises.

- **Siri Toi Dam ICB 01:** The Siri Toi Dam sub-project (ICB 01) is located in Union Council Sambaza, Tehsil and District Zhob. The main dam will be 72 m high Earth fill Dam about 304 m long. More than 28,243 m of main and distributary channels have been designed for CCA of 3948 ha. irrigation channel and about 50 km of secondary channel. Construction contract of this project has been awarded to M/s Noor ul Haq & Brothers.

- **Kili Sardar Akhtar NCB 06:** The Killi Sardar Akhtar sub-project comprises (i) infiltration gallery across the stream Sawar Rud-a tributary of Zhob River and (ii) perennial irrigation scheme along right bank. The proposed sub-project will use sub-surface flow for irrigation. The Perennial Irrigation Scheme (PIS) supplies water round the year. The sub-project will improve 106 ha of existing command area of Killi Akhtarzai and Killi Ghundai whereas 124 ha new area of Bazkhel will be brought under cultivation. After construction of sub-project, it will significantly improve the agricultural production and rural livelihood. Construction contract of this project has been awarded to M/s Noor ul Haq & Brothers.

- **Pashta Khan and Garambowad (PIS) NCB 04:** The project is located north – east of Khuzdar in Pashta Khan area at a distance of about 64 km, that is 28 km north via N – 25 Highway (RCD Highway) to Baghbana area and 36 km east on unpaved road and hilly track to location. Pashta Khan and Garambowad (PIS) sub – projects are located at a distance of 7 km from each other and situated on Anjira River which drains into Mula River near Pashta Khan. It is located in tehsil Mula,

district Khuzdar, Baluchistan. Both schemes are taken as on sub – project due to closeness and smaller in size.

- **Manyalo, Raiko and Rind Ali (PIS) NCB 07:** Manyalo, Raiko and Rind Ali (PIS) sub – project is located on Mula River Basin in district Khuzdar, about 50 km north – east of Khuzdar. The proposed Manyalo, Raiko and Rind Ali weir lies in UTM Zone 42N at 3096496.83 North and 293914.18 East and average altitude of sub – project's command area is 850 m above mean sea level. Manyalo, Raiko are located on right bank of river, while Rind Ali is located on left bank of river. Access to sub – project site from Khuzdar is through M – 8 motorway which connect to a dirt road crossing Mula river basin boundary on north – east side of M – 8.

- **Watershed Management Works- Siri Toi Dam, NCB-VWC-01:** The project's integrated watershed management initiatives for siri toi watershed within the zhob basin, which is the subproject located in Union Council Sambaza, Tehsil and District Zhob about 62 km north-west of Zhob city. The latitude and longitude of the scheme are 69°15'58.77"E & 31°35'51.57"N. The site is approachable from Zhob–Wana road at a distance of 45 km from Zhob. The Construction contract of this project has been awarded to M/s Noor ul Haq & Brothers.

6. Status of EIA and IEE Reports of subprojects is as follows in Table 1.

Table-1: Status of EIA and IEE Reports

Sr No.	Date	Type of report – final to TL/DTL	Final submitted to PMO	Remarks
IEE/EIA Reports (As per Original Scope)				
1.	25-03-2021	Final EIA of Siri Toi Dam ICB 01	Final submitted	Cleared by ADB
2.	25-05-2021	IEE of Ahmedzai NCB 08	Final submitted	Cleared by ADB
3.	25-05-2021	IEE of Karkh valley Development Sub-Project NCB 01	Final submitted	Cleared by ADB
4.	25-05-2021	IEE Kharzan Hitachi Infiltration Gallery NCB 02	Final submitted	Cleared by ADB
5.	3-07-2021	IEE of Water Resources Building NCB 05	Final submitted	Cleared by ADB
6.	4-08-2021	IEE of Killi Sardar Akhtar NCB 06	Final submitted	Cleared by ADB
7.	19-08-2021	IEE Report of Pashta Khan and Garambowad PIS Subproject NCB- 04	Final submitted	Cleared by ADB
8	19-08-2021	IEE Report of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject – MRB NCB- 07	Final submitted	Cleared by ADB
9	26-12-2024	IEE Churri Infiltration Gallery subproject NCB 09	Final submitted	Cleared by ADB
IEE/EIA Reports (After Variation Order 1)				
1.	2 July 2024	Updated EIA of Siri Toi Dam ICB 01	Final submitted	Cleared by ADB

Sr No.	Date	Type of report – final to TL/DTL	Final submitted to PMO	Remarks
2.	30 January 2025	Supplementary IEE of Karakh valley Development Sub-Project NCB 01	Final submitted	Cleared by ADB
3.	19 March 2024	Updated IEE of Kharzan Hitachi Infiltration Gallery NCB 02	Final submitted	Cleared by ADB
4.	3 July 2024	Updated IEE of Killi Sardar Akhtar NCB 06	Final submitted	Cleared by ADB

7. In last SAEMR, the construction works on, NCB 01, NCB 02, ICB 01 and NCB 04 and NCB 07 were reported in detail.

8. Site Specific Environmental Management Plan of all sub-projects have been approved as detailed below, Table 2.

Table-2: Status of SSEMP's

Sr,No.	Date	Type of report – final to TL/DTL	Final submitted on (date) to PMO	Remarks	Project Category
1.	20-09-2021	Final SSEMP of Ahmedzai NCB 08	Final version submitted	Cleared by ADB	**B**
2.	3-12-2021	Final SSEMP of Water Resources Building NCB 05	Final version submitted	Cleared by ADB	**B**
3.	9-12-2022	Final SSEMP of Siri Toi Dam ICB 01	Final version submitted	Cleared by ADB	**A**
4.	4-04-2023	Updated SSEMP of Karkh valley Development Sub-Project NCB 01	Updated as per ADB Comments and submitted to PMO	Cleared by CSC	**B**
5.	16 -05-2022	SSEMP of Kharzan Hitachi Infiltration Gallery NCB 02	Final version submitted to PMO after consultants review	Approved by CSC	**B**
6.	6-06-2023	SSEMP of Killi Sardar Akhtar NCB 06	Final version submitted to PMO	Approved by CSC	**B**
7.	12-12-2023	SSEMP of Pashta Khan and Grambowad Perennial Irrigation Subproject – MRB NCB- 04	Final version submitted to PMO	Approved by CSC	**B**
8.	12-12-2023	SSEMP of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject - MRB NCB- 07	Final version submitted to PMO	Approved by CSC	**B**
9.	4-02-2025	SSEMP of Churri Infiltration Gallery Subproject– MRB NCB- 09	Final version submitted to PMO	Approved by CSC	**B**

9. For the entire project, the civil works contract packages are divided into sub-projects. The contractors' names, along with the sub-project names and contract numbers, commencement details, and updated progress, are as follows in Table 3.

Table-3: Details of sub projects awarded to the Contractors

Sr. No.	Contract No.	Contract Description	Contractor	Commencement Date
1	NCB-01	Construction of Karkh Valley Development Subproject - MRB	M/s Zahir Khan & Brothers - Agha Construction Company (Joint Venture)	28 December 2020
2	NCB-02	Construction of Kharzan Hatachi Infiltartion Gallery Subproject - MRB	M/s Agha Brothers Construction Company - Agha Construction Company - Sadaat Enetrprises (JV)	22 June 2021
3	NCB-05	Construction of Water Resources Building Subproject - Quetta	M/s Haji Abdul Hameed Bangulzai- M/s Muhammad Akbar Shahwani & Brothers (JV)	7 April 2021
4	NCB-08	Construction of Ahmedzai Perennial+Flood Irrigation Subproject - ZRB	M/s Noor ul Haq & Brothers	22 December 2020
5	ICB-01	Construction of Siri Toi Dam Subproject - ZRB	M/s Noor ul Haq & Brothers	22 April 2022
6	NCB-06	Construction of Killi Sardar Akhtar Perennial Irrigation Subproject - ZRB	M/s Noor ul Haq & Brothers	21 December 2022
7	NCB-04	Pashta Khan and Grambowad Perennial Irrigation Subproject – MRB (NCB-04)	M/s Agha Brothers Construction Company & M/s Ramzan & Sons (Pvt.) Ltd. (JV)	03 May 2023
8	NCB-07	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject – MRB (NCB-07)	M/s Agha Brothers Construction Company & M/s Ramzan & Sons (Pvt.) Ltd. (JV)	03 May 2023
9	NCB-09	Construction of Churri Infiltration Gallery Subproject - MRB	M/s Haji Abdul Hameed Bangulzai	26 Dec 2024

10. The NCB-01 Construction of Karkh Valley Development Subproject – MRB 34 had a completion date of 15 August 2024, and its Defects Liability Period (DLP) started on 16 August 2024. Similarly, the NCB-02 Construction of Kharzan Hatachi Infiltration Gallery Subproject – MRB had a completion date of 31 December 2024, with the DLP commencing on 1 January 2025.

11. This report refers to the 10th Semi-Annual Environmental Monitoring Report (SAEMR) for the Balochistan Water Resources Development Sector Project (BWRDSP) from July to December 2025, which is prepared to analyze the effectiveness of the implementation of environmental safeguards on project sites and compliance with applicable national and international laws and regulations. For this purpose, environmental audits, various site visits, and meetings with project staff have been

conducted during the reporting period to ensure the implementation of environmental safeguards.

12. Details of project activities during Current Reporting Period is given below:

Table-4: Details of ongoing construction activities

Sr. No	Activity	Status %
Siri Toi Dam Subproject ICB-01		
1	Main Dam	9%
2	Dyke	23%
3	Slope Protection	11%
4	Curtain and consolidation grouting	16%
5	Spillway	88%
6	Intake Structure and Irrigation conduit	11%
7	Feeder Channel	5%
8	Irrigation System and related Structures	9%
9	Access Road	37%
10	Under Draining Spillway	93%
11	General Items	77%
Pashta Khan NCB-04		
1	Weir	60%
2	Right Channel	30%
3	Stone pitching on level	0 %
4	Excavation in Conduit	40%
5	Earthwork of FP Bund	70%
6	Excavation in channels	30%
7	Construction joint in lining	0%
8	Expansion joint in lining	0%
9	Water stopper	0%
10	Steel	55%
11	Bund 1	0%
12	Bund 2	80%
13	Stone pitching on slop	0%
Manyalo Raiko & Rind Ali (PIS) Subproject, Mula River Basin NCB-07		
1	Weir	45%
2	Bund 1	75%
3	Stone pitching on level	0 %
4	Manyalo Channel	25%
5	Earthwork of FP Bund	70%
6	Excavation in channels	45%
7	Bund 2	0%
8	Bund 3	0%
9	Water stopper	0%
10	Steel	52%
11	Rind Ali Channel	0%

13. A project-level Grievance Redress Mechanism (GRM) has been established to address grievances arising from environmental and social impacts. The GRM is prepared in English and Urdu and cleared by ADB. The GRM is fully implemented in the camp areas and construction sites. The GRM record is being checked on a monthly basis.

14. A good working relationship is being maintained among the PMO, Contractor, and the Consultant's environmental staff. Trainings on a regular basis are performed by the Contractor's HSE Officers on sites for the capacity building of the relevant

workers/staff. They are briefed on updating the environmental monitoring checklists and strictly follow the EMP, which they submit on a weekly/monthly basis to adhere to Environmental Management and Monitoring activities.

15. The Corrective Action Plan (CAP) devised by PMO and PIC is communicated to the contractors for effective implementation. SC has advised the contractor to address noncompliance as per the agreed CAP. Corrective actions include the strict enforcement of mandatory PPE usage, including helmets, safety vests, gloves, safety shoes, and certified harnesses for work at height, supported by regular inspections and training. Adequate safety signboards, caution tapes, and continuous barricading must be installed around all active and hazardous areas, while dust control measures, such as regular water sprinkling, should be consistently implemented.

16. In accordance with the project's EMP, the Contractors of NCB 04, NCB 07, and ICB 01 have conducted quarterly environmental monitoring through third-party environmental testing laboratory certified by the Balochistan EPA during September and December 2025. Sampling and analysis were conducted in the presence of the SC Environmental Specialist. Sampling and lab testing have been carried out for ambient air quality, gaseous emissions, drinking/groundwater, surface water, wastewater, and noise.

1 INTRODUCTION

1.1 GENERAL

17. This report represents the 10th Semi-Annual Environmental Monitoring Review for the Balochistan Water Resources Development Sector Project (BWRDSP), covering the period from July to December 2025. It contains findings of Environmental Compliance monitoring activities at the following sub-project sites: ICB 01 Siri Toi Dam , , Manyalo Raiko & Rind Ali (Pis) Subproject, and Pashta Khan And Garambowad Perennial Irrigation Sub Project-Mulla River Basin (NCB-04). This SAEMR for the project consists of the following subprojects:

Siri Toi Dam Sub Project ICB 01

- Construction of Siri Toi Dam Sub Project. Main components of the sub-project includes main dam, dyke, spillway, intake and outlet structures and network of main and distributary canals for irrigation supplies.

Pashta Khan And Garambowad Perennial Irrigation Sub Project (NCB-04)

- Construction of a weir with a 3 perennial Irrigation channel and flood protection bunds, at Pashta Khan
- Construction of an off-take well with long irrigation canal and flood protection bunds at Garambowad

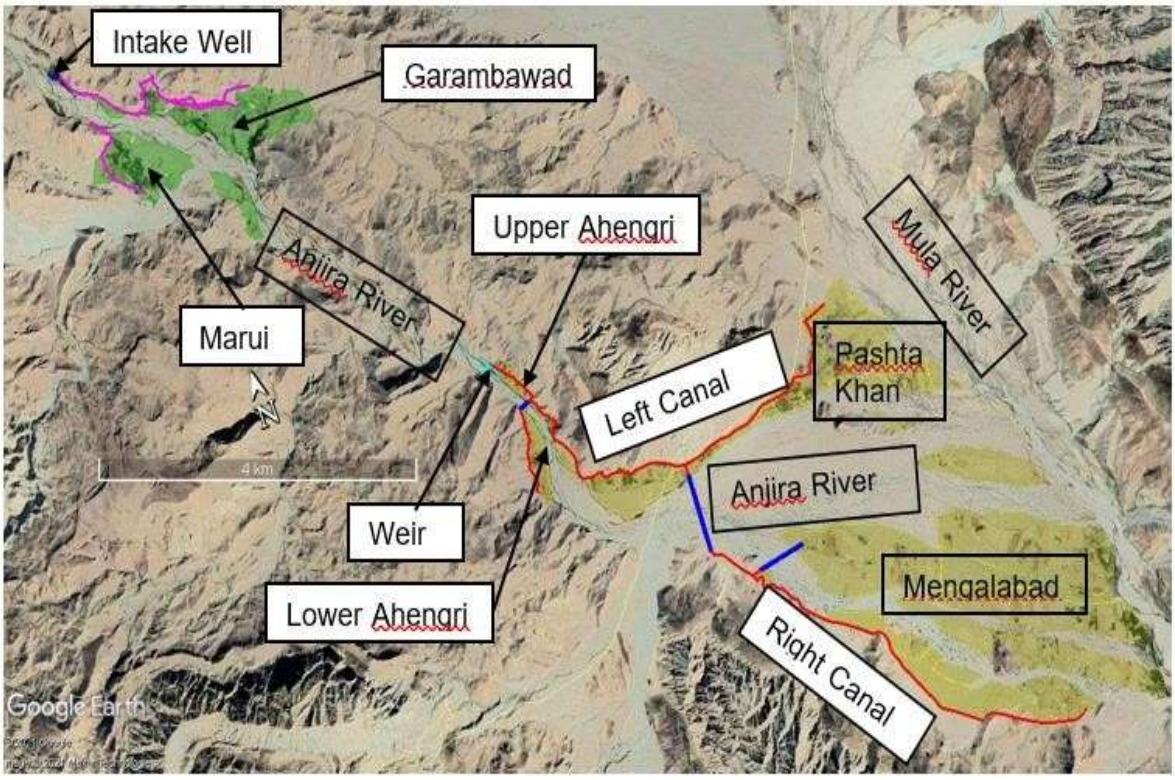
Manyalo Raiko & Rind Ali (Pis) Subproject(NCB-07)

- Construction of a weir structure on the Mula River with four channels: the Left Main Channel of Manyalo, Manyalo Right Channel, Rind Ali Channel , and Raiko Channel.
- Construction of hydraulic structures, including Time Division Structures/Flow Division structures, Fall Structures, Sump, Culverts, Aqueducts, Syphons, Super Passages, and Flood Protection Bunds.
- Construction of social structures and command area development in the sub-project area

Location of sub-project sites

18. The subproject locations of Siri Toi Dam ICB 01, Pasta Khan And Garambowad Irrigation Sub project NCB 04, and Manyalo Raiko & Rind Ali (Pis) NCB 07 are shown

in Figure 1-1,



19. Figure 1-2 and Figure 1-3 respectively.

Figure 1-1: Siri Toi Dam camp site sub-project ICB 01 location

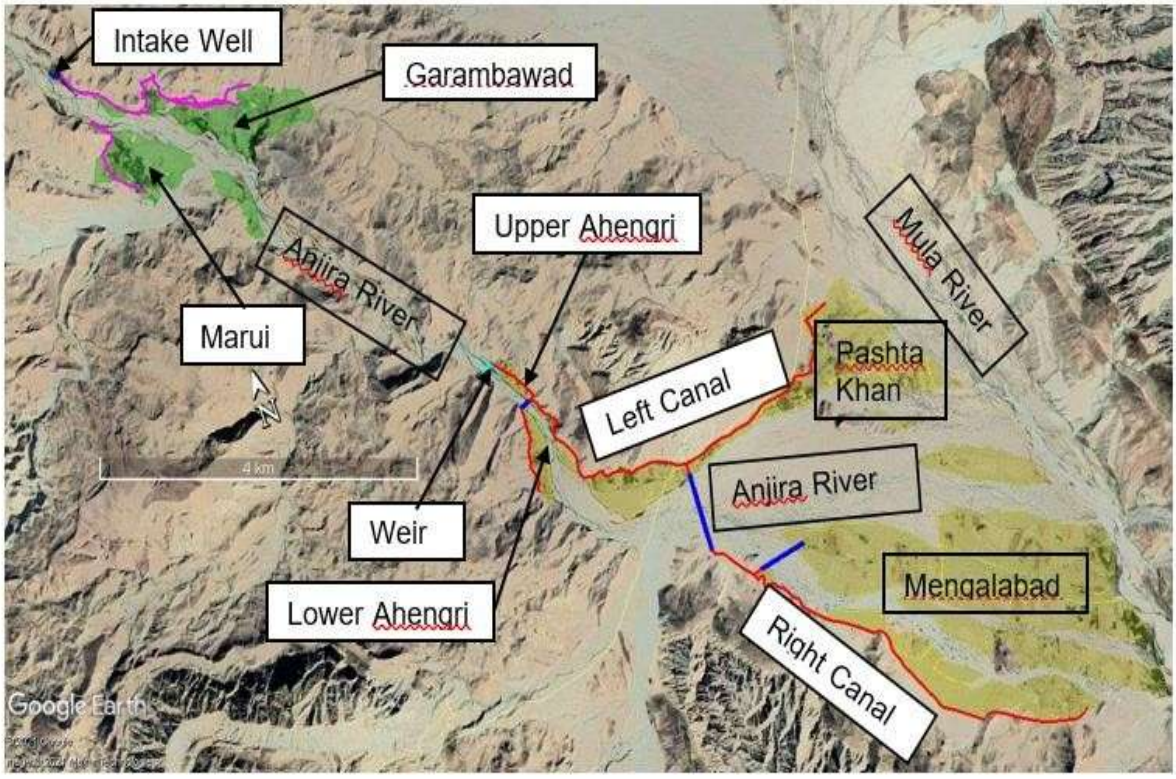


Figure 1-2: Pashta Khan Subproject NCB 04 location

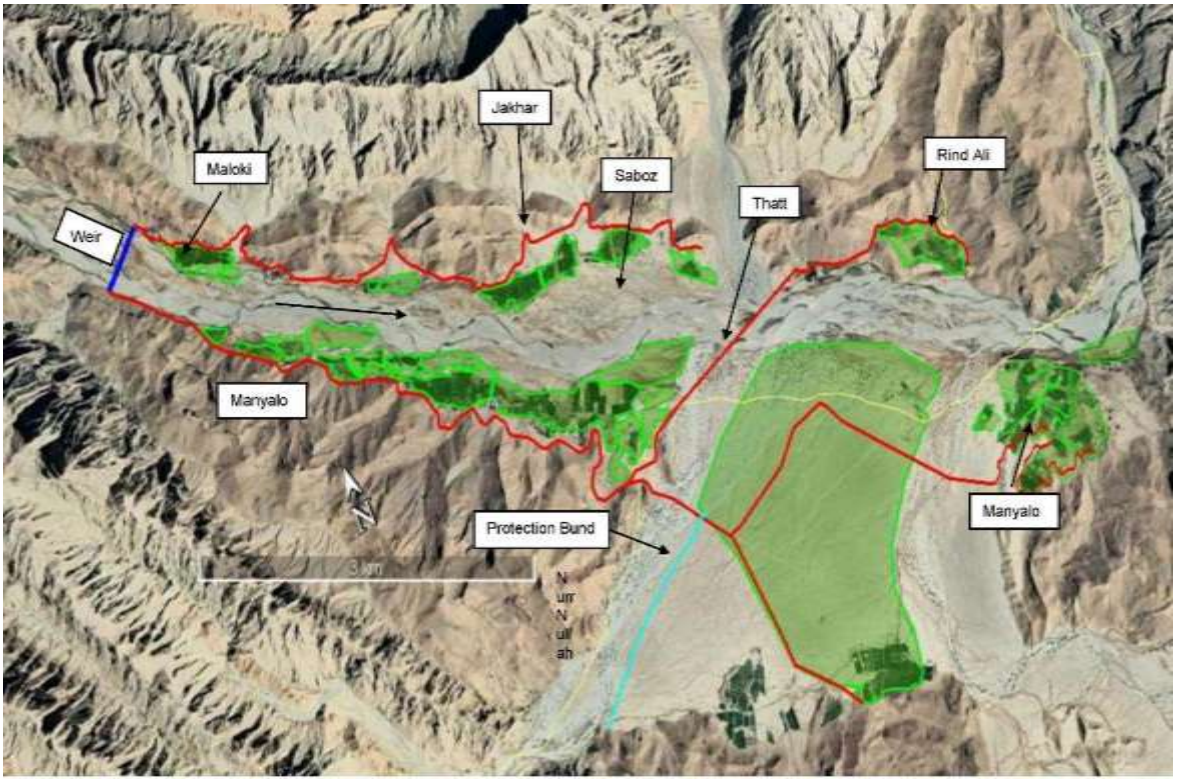


Figure 1-3: Location map of Manyalo Raiko & Rind Ali (PIS) Subproject NCB 07

2 PROJECT DESCRIPTION AND CURRENT ACTIVITIES

2.1 PROJECT DESCRIPTION

20. The Asian Development Bank (ADB) is partnering with the Government of Balochistan Province (GoBP), to undertake the Balochistan Water Resources Development Sector Project (BWRDSP) Zhob and Khuzdar Districts.

21. The BWRDSP will support the implementation of the integrated water resources management policy of the Government of Balochistan (GOB). The policy provides a comprehensive framework for the province to address the issues of water management and development in the context of basin approach, with water harvesting, and groundwater recharging as an integral part of watershed management. About 11 potential sub-projects out of over 300 longlisted in the Zhob and Mula river basins were selected for potential ADB financing based on a set of criteria such as water and land availability, economic viability, and a balanced approach to extending development support to different tribal groups. The project was approved by ADB on 31 August 2018 for a concessional loan of $100 million from ADB's ordinary capital resources (L3700-PAK), a grant of $3 million from the Japan Fund for Poverty Reduction (JFPR, G9197-PAK), and a grant of $2 million from the High-Level Technology Fund (HLTF, G0597-PAK). The loan, grants, and project agreements were signed on 5 January 2019. The loan and grants became effective on 7 March 2019. The physical completion of the project will be on 31 July 2026.

22. The project is aligned with the following impacts: Increased farm income in Balochistan and improved water resources management in Balochistan. The project is focused on achieving two significant outcomes in Balochistan: enhancing farm income and improving water resources management. By effectively implementing this project, we aim to witness a remarkable increase in agricultural production in the project areas.

23. The project has three outputs:

I. **Output 1: Irrigation Infrastructure and watershed protection constructed and/or rehabilitated:** The output will consist of the construction, upgrade, or rehabilitation of the following: (i) Siri Toi Dam with a storage capacity of 30 million cubic meters, which will include a spillway and a water intake. (ii) Weirs and infiltration galleries. (iii) Approximately 276 kilometers of irrigation network, which will include headworks, off-takes, aqueducts, culverts, sluice gates, guide bunds, drop/fall facilities, washing structures, transition chambers, and livestock drinking facilities. (iv) Flood protection works aimed at reducing flood risks to irrigation canals and the command area.

II. **Output 2: Command Area established and/or Improved:** This output will support Command Area Development, which includes the improvement of approximately 11,603 hectares of land to maximize the benefits from the irrigation investments. The improvements will be achieved through the following activities: (a) Construction and rehabilitation of secondary and tertiary canals in schemes identified for improvement under Output 1. (b) Construction of lined watercourses. (c) Improvement of on-farm water management and agronomic techniques, such as land leveling and irrigation scheduling. (d) Construction of Kacha track/access

roads. (e) Implementation of rainwater harvesting and storage facilities. (f) Provision of farm machinery. (g) Providing farming training for sustainable farming practices. The expected targets for this output are as follows: i) Approximately 11,603 hectares of land will be improved and served by rehabilitated irrigation and Khushkaba infrastructure. About 5,989 hectares of land will be developed under new irrigation infrastructure. About 130 hectares of high-value agriculture will be piloted with a drip irrigation system through the JFPR grant. At least 22 women-led small-scale income-generating agri-businesses will be launched. The implementation of these targets aims to enhance agricultural productivity, improve water management, and promote sustainable farming practices in the region.

III. **Output 3: Institutional capacity strengthened:** The Water Resources Information System (WRIS) has been established and is now operational with the help of technical assistance. This output aims to achieve the following targets: Utilization of high-level technology hydro-meteorological equipment for field validation of satellite-based WRIS data to monitor water resources in 3 river basins under the Grant Project. Capacity building for project management and implementation skills of at least 40 trained staff from the Irrigation Department (ID), Agriculture and Cooperative Department (ACD), and Project Management Office/Project Implementation Office (PMO/PIO). At least 30% of these trained staff should be women. Training of at least 750 farmers to enhance their knowledge and skills in the efficient use of water and value-added farming practices. Training of at least 250 women for income-generating high-value agri-businesses. Pilot implementation of high-value agriculture on approximately 130 hectares of land in the project area. This includes the installation of about 160 cost-effective solar-powered drip irrigation systems, construction of two olive oil extraction plants and two processing plants for fruits and vegetables. Additionally, at least 22 women-led small-scale income-generating agri-businesses for livestock will be established to strengthen high-value farming technology and contribute to increasing agricultural production. Strengthening of high-value farming technology through technology demonstrations on at least 130 hectares in 160 farms. Guidelines on efficient water usage and agriculture inputs will be provided to further support agricultural production. Enhancement of community capacity in high-value agriculture, including training for efficient water use and value-added farming practices.

2.2 PROJECT CONTRACTS AND MANAGEMENT

2.2.1 Project Management Office

24. PMO Office was established on March 2020, at 80/186-B, Near Allied Bank, Jinnah Town, Quetta.

25. The PMO, led by the Project Director, oversees overall environmental management and monitoring. The Environment Specialist, Resettment Expert and .Senior Sociologist are the PMO Suppot Staff to provide support to the Project Director with socio-environmental safeguards.Senior Sociologist is also part of PMO.

26. The Project Director is also supported by the Deputy Project Director (MRB) and Deputy Project Director (ZRB) for compliance with the EMP/SSEMP.

27. Key responsibilities of PMO Environmentand Social support team include implementing the EMP/SSEMP through spot checks, monitoring, reporting, and assisting Project Implementation Consultants (PIC) and Contractors in addressing socio-environmental safeguard issues.

28. Shabir Ahmad Khan serves as the External Environment Specialist of PMO for the Siri Toi Dam Subproject. He can be contacted at +92 334 5544333 or via email at sakhanswati56@gmail.com.

2.2.2 Project Implementation Consultants

29. For design and construction supervision of the project, the Executing Agency engaged Project Implementation Consultant (PIC) on July 26, 2019 through open competitive bidding. Consultants were mobilized during September 2019.

30. In compliance with the conditions of Consultancy Contract, PIC subsequently established the Engineer's project office at 80/186-B, Near Allied Bank, Jinnah Town, Quetta.

31. For the project effective monitoring and supervision, the Engineer's office is being assisted by the Resident Engineer's offices established since Commencement of Works as detailed below:

- Resident Engineer - BWRDSP (MRB)
  Asad Abad, Chamrok Chowk , Main RCDA Road, Khuzdar
- Resident Engineer - BWRDSP (ZRB)
  House No. 693, Near Abadi Oppozai, Zhob

32. Alongside provision of technical support, PIC also provides support in matters covering social and environmental aspect of the project. For looking after of the environmental portfolio, PIC has engaged environmental team comprising of following Environmental specialistswith names and contact numbers given below.

- Dr Akhtar Iqbal – Environment Specialist (PMO Support). Contact No. +92 334 9756096
- Ahmed Hassan – Environment Specialist . Contact No. +92 336 8311968

33. During the execution phase of the project, the foregoing team of the PIC remained responsible for the day to day monitoring and supervision of the activities pertaining to the environmental portfolio as listed in the Consultancy Contract, EMP, SSEMP and elsewhere in the Contract Document along with review of the Contractor's report(s) and furnishing of such reports that fall with in the purview of the PIC.

2.2.3 The Contractors

a) ICB-01 Construction of Siri Toi Dam Subproject - ZRB

b) The ICB-01 contract for the Construction of Siri Toi Dam was awarded to M/s Noor ul Haq & Brothers on April 25, 2019, with construction commencing on April 22, 2022. As of June 30, 2024, the project is 38.64% complete. The final SSEMP was submitted on December 9, 2022, and approved by the ADB. Fayyaz Ali serves as the HSE officer

for this subproject and is based on-site. He can be contacted via email at fa0404847@gmail.com.

c) NCB-04 Construction of Pashta Khan And Garambowad Perennial Irrigation Sub Project

34. The NCB-04 contract for the Construction of Pashta Khan And Garambowad Perennial Irrigation Sub Project was awarded to M/s Agha Brothers Construction Company & M/s Ramzan & Sons (Pvt.) Ltd. (JV) and M/s Noor ul Haq & Brothers on May 3, 2023. The project is 27.01% complete. The final SSEMP was submitted on December 12, 2023, and approved by the CSC. Arif Hameed serves as the HSE Officer for this project and is based in Khuzdar. He can be contacted via email at arifhameed710@gmail.com.

d) NCB-07 Construction of Manyalo Raiko & Rind Ali (PIS) Subproject - MRB

35. The NCB-07 contract for the Construction of Manyalo Raiko & Rind Ali (PIS) Subproject was awarded to the joint venture of M/s Agha Brothers Construction Company & M/s Ramzan & Sons (Pvt.) Ltd. on May 3, 2023. The project is currently 15% complete. The final SSEMP was submitted on December 12, 2023, and approved by the CSC. Arif Hameed serves as the HSE Officer for this project and is based in Khuzdar. He can be contacted via email at arifhameed710@gmail.com.

3 DESCRIPTION OF SIRI TOI DAM SUBPROJECT (ICB-01)

3.1 PROJECT DESCRIPTION

36. The Siri Toi Dam Project is located in Union Council Sambaza, Tehsil and District Zhob in Balochistan Province, approximately 62 km north-east of Zhob on Sri Toi River, the main tributary of Zhob River near Killi Gul Khan. The latitude and longitude of the scheme are 31° 35' 56.35" N, 69° 16' 8.86" E. The annual average availability of water is nearly 32.216 Million Cubic Meter (MCM) with a catchment area of 962 sq.km. Main components of the sub-project include main dam, dyke, spillway, intake and outlet structures and network of main and distributary canals for irrigation supplies. The Project Layout is shown in Figure 3-1.

SALIENT FEATURES:

- Total Cost 9896.217 (Rs. Million)
- Total Command Area 8,138 hector
- Dam Type Earth-fill
- Height of Dam 72 Meter
- Dam Reservoir Area 195.10 (Hectare)
- Spillway Type Ogee
- Width of Spillway 148 Meter
- Height of Dyke 38 Meter
- Intake Tower Height 46.40 Meter
- Length of Right Bank Canal 11,535 Meter
- Length of Left Bank Canal 15,718 Meter
- Feeder Channel Length 937 Meter

PROJECT PROGRESS:

- Overall Target: 77.57%
- Physical Progress: 45.56%
- Financial Progress: 43.56%

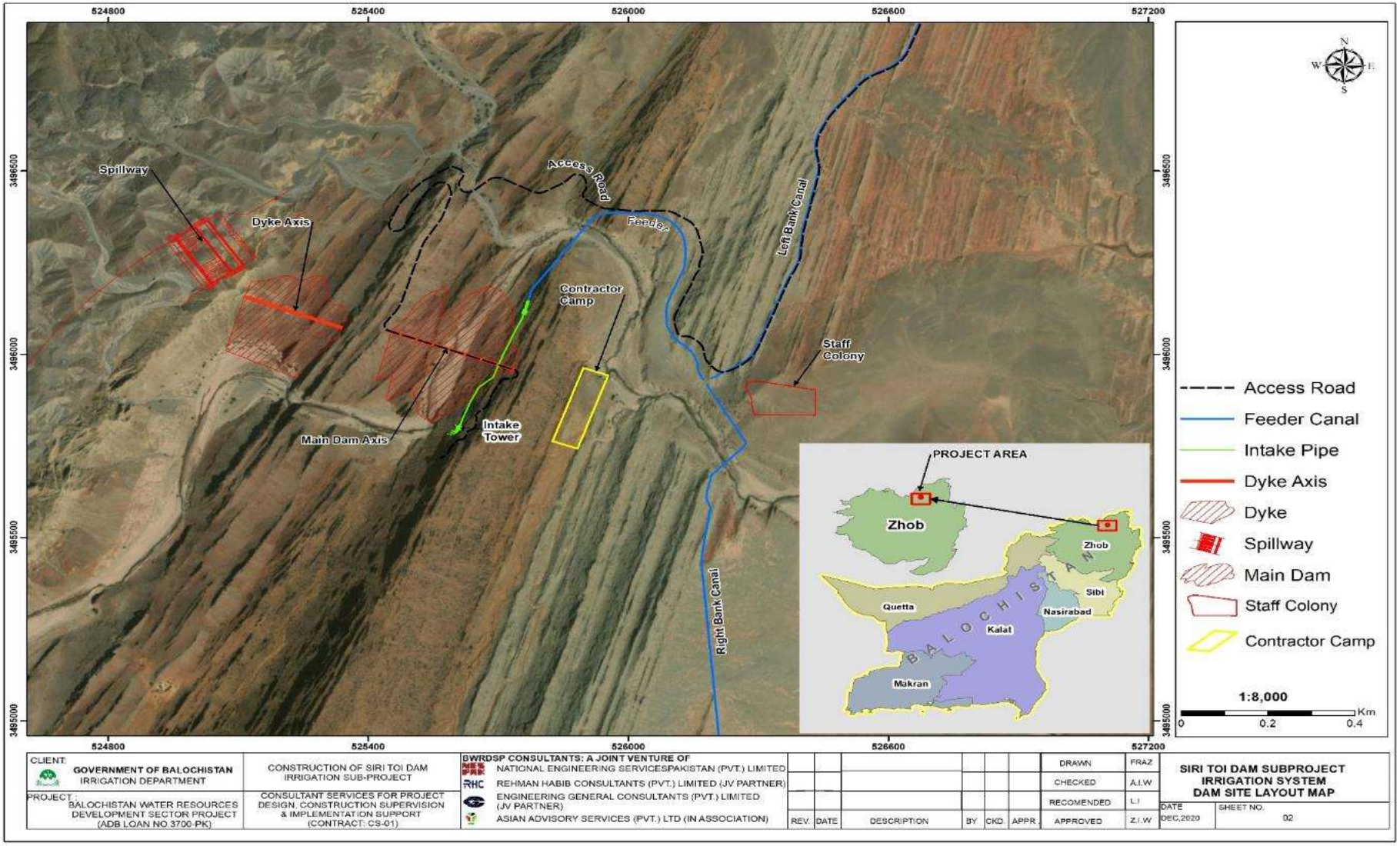


Figure 3-1: Layout Map

3.2 ACTIVITIES DURING CURRENT REPORTING PERIOD

37. An overview of the current progress for various activities under the Siri Toi Dam Subproject ICB-01 is providedin Table 3-1 below. It outlines the completion percentages of key construction tasks, reflecting the status of each activity as the project advances.

Table 3-1: Siri Toi Dam Subproject ICB-01 works progress

Sr. No	Activity	Status %
1	Main Dam	9%
2	Dyke	23%
3	Slope Protection	11%
4	Curtain and consolidation grouting	16%
5	Spillway	88%
6	Intake Structure and Irrigation conduit	11%
7	Feeder Channel	5%
8	Irrigation System and related Structures	9%
9	Access Road	37%
10	Under Draining Spillway	93%
11	General Items	77%

Construction Material

38. Major construction materials used at ICB-01 include reinforced steel, cement, sand and aggregates supplied form the approved sources as mentioned in the SSEMP. The details for types of construction material used and their sources for the time period June to December, 2025 are mentioned in Table 3-3.

Table 3-2- Detail of material and sources of Siri Toi Dam sub-project ICB 01

S. No	Construction Material	Sources	Consumption
1	Cement	D.G Lucky, Lucky cement, Fauji cement, Maple leaf cement	94600 (Bags)
2	Sand	From Nearby Local Approved Sources	18326 (Cm)
3	Aggregate	From Nearby Local Approved Sources	41651 (Cm)
4	Stone	From Nearby Local Approved Sources	4,184 (Cm)
5	Steel	Agha Steel, Naveena Steel and Faizan Steel	707 (T)

Human Resources

39. As a contractor, it is prior responsibility to hire local staff, skilled and unskilled staff and labor. Because it is the basic right of people living in the vicinity of the project area to get maximum financial benefit from the project to overcome unemployment, so their socio economic status can be improved. However, considering availability and ability of work, contractor has provided the jobs to the local community on priority basis. The details for categories of Employees both Skilled and Unskilled are mentioned in Table 3-4

Table 3-3- Manpower Technical/skilled/ unskilled staff details

Sr. No	Employees	Quantity
1	Project Manager	1
2	Quantity Surveyor	1
3	Deputy Project Manager	1
4	Chief Surveyor	1
5	Material Engineer	1
6	Geo Tech Manager	1
7	Geologist	2
8	HSE Officer	1
9	Doctor	1
10	Senior Lab Technician	1
11	Lab Technician	1
12	Lab Technician Assistant	2
13	Site Engineer	1
14	Site Forman	4
15	Document Controller	1
16	Accountant HR	1
17	Assistant Accountant	1
18	Assistant Quantity Surveyor	1
19	GPS Operator	1
20	GPS Helper	3
21	Surveyor	2
22	Surveyor Helper	4
23	Store Manager	1
24	Store Helper	4
25	Site Supervisor	8
26	Purchaser (Zhob)	1
27	Charge Man	3
28	Camera man	2
29	Electrician	1
30	Munshi	1
31	Form Work Carpenter	1
32	Diesel Man	1
33	Grouting Supervisor	1
34	Mechanical Supervisor	2
35	Mechanic	5
36	Tire Repairing	1
37	Welder	2
38	Blasting Supervisor	1
39	Blasting Lead Man	1
40	Rotary Machine Driller	1
41	Roller Operator	1
42	DTH Driller	3
43	Operator	5
44	Dozer Operator	1
45	Bulldozer Helper	2
46	Dumper Driver	38
47	Dumper Helper	38
48	Excavator Operator	27
49	Excavator Helper	34

Sr. No	Employees	Quantity
50	Grader Operator	1
51	Mechanic Kamani	1
52	Mechanic Helper	2
53	Crane Operator	1
54	Crawler Machine Operator	1
55	Crawler Machine Helper	1
56	Loader Operator	8
57	Loader Helper	6
58	Transit Mixer Driver	6
59	Transit Mixer Helper	2
60	Kharadi	1
61	Cook Supervisor	1
62	Cook	2
63	Cook Helper	5
64	Office Cook	1
65	Labor	32
66	Masson	15
67	Office Boy	1
68	Helper	18
69	Mazda Driver	1
70	Pickup Driver	6
71	Surf Jeep Driver	1
72	Tractor Driver	12
73	Water Tanker Driver	6
74	Water Tanker Helper	1
75	Watchman (Zhob)	1

Equipment Machinery

40. The contractor is obliged to use heavy machinery on-site for timely completion of the work. Maintenance of the machinery not only provides better and successful results but also safe haven for the workers operating nearby. Daily inspection of machinery is carried out by experts and supervisors before and after the machine is used. The machinery is washed on a daily basis and maintained by their assigned individual operators. The details for Heavy Machinery working on site are mentioned in Table 3-5.

Table 3-4: List of Machinery/Equipment's

S. No	Name of Machinery	Quantity
1	Excavator 455	01
2	Excavator450	02
3	Excavator400	04
4	Excavator200	06
5	Loader	05
6	Grader	05
7	Dozer	03
8	Crawler	04
9	Water Tanker	09

10	Dumper	38
11	Transit Mixer	06
12	Roller	08
13	Concrete Pump	01
14	Compressor	10
15	Generator	10
16	Tractor240	10
17	Tractor385	02
18	Mazda Dino	02
19	Bike 125cc	05
20	Batching Plant	02
21	Crush Plant	02
22	Light Motor Vehicle	10
23	Water Bore Engine	06
24	Car Wash Pump	02
25	Grouting Pump	02
26	Grouting Mixer	03
27	DTH Machine	04
28	Jaw Crusher	01
29	Concrete Vibrator	07
30	Sand Wash Plant	01
Total		**171**

3.3 DESCRIPTION OF ANY CHANGES IN ICB-01 DESIGN

41. During the reporting period, no changes were made in the design of ICB-01.

3.4 DESCRIPTION OF ANY CHANGES TO AGREED CONSTRUCTION METHODS

42. The construction activities at various sections of Site are in progress in accordance with the Engineer's approved methodology and specifications.

Figure 3-2: Works Progress in Pictures

3.5 ENVIRONMENTAL SAFEGUARD ACTIVITIES

3.5.1 General Description of Environmental Safeguard Activities

43. During the reporting period, the Contractor carried out construction activities on various components of the project, including the Main Dam, dyke construction, slope protection works, and curtain and consolidation grouting. Progress was also observed on the spillway, intake structure, and irrigation conduit, along with excavation and development of the feeder channel. In addition, works on the irrigation system and related structures, access road, under-draining spillway, and other general items were undertaken as part of the ongoing construction activities.

44. The environmental safeguards associated with these activities were diligently supervised and monitored, ensuring compliance with the provisions outlined in the approved Site-Specific Environmental Management Plan (SSEMP) and the Environmental Management Plan (EMP) in general. A series of checklists were completed to maintain detailed records of the environmental management efforts. These checklists , serve as evidence of adherence to the prescribed environmental protection measures and document the specifics of the monitored activities.

45. The camp has been established following SSEMP guidelines, with key safety measures such as an Emergency Assembly Point, Refueling Station, Fire Extinguishers, and Safety Signboards in place. A Labor Canteen is provided, along with a designated Heavy Machinery Parking Area and Site Safety Barricades. Medical facilities, including a dispensary and ambulance, are available for emergencies. On-site sanitation is managed through septic tanks, and a Grievances Register is available for workers. These practices ensure a safe and well-organized work environment, promoting both operational efficiency and worker well-being.

46. A dedicated refueling station was maintained with appropriate safety measures in place.

47. Fire extinguishers and Fire Buckets were available at designated locations to ensure emergency preparedness.

48. Safety signboards were installed at various critical points across the site to enhance awareness.

49. Proper site safety barricading was implemented around active work areas to control access and protect workers.

50. LPG gas cylinders used at the campsite were handled and stored with appropriate precautions.

51. Non-compliance issues included the absence of essential Personal Protective Equipment (PPE), inadequate safety signage, insufficient barricading, and poor dust control measures, posing significant health and safety risks. Improper storage of construction materials and empty drums, along with inappropriate waste disposal practices, were also noted, increasing environmental and accident hazards. Additionally, the poorly maintained kitchen area and unsafe ground conditions,

including muddy terrain and scattered debris, further compromise worker safety and hygiene standards.

52. Quarterly environmental monitoring at designated locations in project area were conducted at quarterly basis during the reporting period. The findings and analysis are detailed in a section 3.9 of the report.

3.5.2 Corrective Action Plans (CAPs):

53. During the reporting period, the Environment Specialist of CSC conducted regular visits and monitored the project for the implementation of the Environmental Management Plan (EMP). As a result of these visits, Corrective Action Plans (CAPs) have been prepared for EMP non-compliance in the Siri Toi Dam. The details of these CAPs are provided in Table 3-6 below.

Table 3-5- Siri Toi Dam sub-project Corrective Action Plan

Sr. No.	EMP Observations	Corrective Measures	Implementing Responsibility	Monitoring Responsibility	Timeline	Updated Status (Closed / Open)
1	Lack of Personal Protective Equipment (PPE): Workers observed at the site were not wearing essential PPE, including hard hats, safety vests, and safety shoes.	Ensure all workers and staff are provided with and wear required PPE at all times. Conduct regular PPE training and enforce compliance through monitoring and penalties where necessary.	Contractor	CSC	12-08-2025	Closed
2	Poor Condition of Kitchen Area: The kitchen area is poorly maintained and does not meet basic hygiene and safety standards.	Improve cleanliness and hygiene standards through regular cleaning, maintenance, and provision of basic facilities.	Contractor	CSC	17-08-2025	Closed
3	Inadequate Barricading: Barricading around the construction area is insufficient to ensure site safety.	Install proper and continuous barricading around all active work areas to restrict unauthorized access.	Contractor	CSC	14-12-2025	Open
4	Insufficient Safety Signage: Required warning and informational signs are missing or inadequately displayed at the construction site.	Install adequate warning signs, information boards, and caution tape at strategic locations across the site.	Contractor	CSC	17-08-2025	Closed
5	Inadequate Dust Control Measures: Dust suppression measures are insufficient, potentially leading to air quality deterioration and health risks.	Implement regular water sprinkling and other dust control measures, particularly during dry and windy conditions.	Contractor	CSC	Immediate 12-08-2025	Closed
6	Improper Storage of Empty Drums: Empty drums are not properly stored or disposed of, posing safety and environmental hazards.	Store empty drums in a designated, secured area and ensure proper disposal as per environmental guidelines.	Contractor	CSC	12-08-2025	Closed
7	Improper Material Storage: Construction materials are not properly	Arrange and store construction materials in designated areas to maintain clear access and safe movement.	Contractor	CSC	25-11-2025	Open

Sr. No.	EMP Observations	Corrective Measures	Implementing Responsibility	Monitoring Responsibility	Timeline	Updated Status (Closed / Open)
	stored or disposed of, increasing the risk of accidents.					
8	Improper Waste Disposal: Waste materials have not been properly disposed of at the site.	Establish a proper waste collection and disposal system and ensure regular removal of waste from the site.	Contractor	CSC	17-08-2025	Closed
9	Poor Kitchen Construction: The kitchen is constructed using rough, unfinished materials with no waste disposal facilities, leading to unhygienic conditions and pest infestation risks.	Upgrade kitchen construction using appropriate materials and provide waste disposal facilities to maintain hygiene.	Contractor	CSC	17-08-2025	Open
10	Unsafe Barricade Installation: Barricades are loosely installed, with some poles leaning or lying on the ground, posing accident risks.	Secure and properly install barricades, ensuring stability and visibility for vehicles and pedestrians.	Contractor	CSC	15-12-2025	Open
11	Unsafe Ground Conditions: Muddy terrain with rocks and debris poses slipping and tripping hazards.	Level the ground, remove debris, and improve site access to reduce slip and fall risks.	Contractor	CSC	Immediate 20-12-2025	Open

*Pictoral Evidences for closed issues are mentioned as annexure IV

3.6 ISSUES TRACKING (BASED ON NON-CONFORMANCE NOTICES) .

54. Site inspections conducted at the project site revealed significant non-compliance with Environmental, Health, and Safety (EHS) requirements as stipulated in the approved Site-Specific Environmental Management Plan (SSEMP) and contract provisions. Key deficiencies included the absence of essential Personal Protective Equipment (PPE), inadequate safety signage, insufficient barricading, and ineffective dust control measures, posing substantial risks to worker health and safety.

55. Workers were observed performing their duties without mandatory PPE, including helmets, reflective vests, and safety shoes. Barricading around active construction zones was found to be inadequate, with loosely installed barriers and unsupported poles creating additional safety hazards. Furthermore, required warning and informational signboards were either missing or improperly displayed, limiting hazard awareness across the site.

56. Environmental management practices were also found to be deficient. Dust suppression measures were insufficient, potentially contributing to air quality deterioration. Improper storage of construction materials and empty drums was observed, increasing the risk of accidents and environmental contamination. Waste materials were not appropriately segregated or disposed of, reflecting gaps in the site's waste management system.

57. In light of the above observations, the Contractor was formally instructed to undertake immediate corrective actions, including strict enforcement of PPE usage, installation of proper safety signboards and barricades, strengthening of dust control and waste management measures, and restoration of safe ground conditions. The matter has been categorized as high priority, and the Contractor has been directed to ensure full compliance with EHS obligations to mitigate risks to personnel and the surrounding environment.

3.6.1 Trends.

58. Recent trends at the construction site reflect ongoing efforts to uphold safety standards and worker welfare. Workers were observed wearing the required Personal Protective Equipment (PPE), including helmets, gloves, and high-visibility vests. A designated refueling station is in place, and fire extinguishers have been strategically positioned to enhance site safety. A chemical drum was found properly barricaded to restrict unauthorized access, ensuring compliance with safety protocols. Safety signboards have been installed across various site locations to raise awareness of potential hazards. Labor canteen facilities are operational, contributing to improved hygiene and worker well-being. At Construction site appropriate safety barricades implemented to secure active work zones. Additionally, the use of LPG gas cylinders at the campsite is being managed with attention to safety, reflecting a positive trend in environmental and hazard control practices.

3.7 GRIEVANCE REDRESSAL MECHANISM.

59. During the reporting period, complaint was received from the Contractor of Siri Toi dam subproject was also received mentioning stoppage of construction work on RBC (right bank canal) by a local person. The status of the complaints is being provided below.

S. No	Complaint detail	Action taken
1	**RBC of Siri Toi dam Subproject.** **ZRB.** Construction work at RD 2000 of the Right Bank Canal (unsettled land) was halted by a local person, Mr. Ghaffar, who was demanding payment in exchange for allowing project work to continue.	The team visited the site on 26-27 July 2025 and clarified ongoing construction activities, ensured alignment with approved plans, and identify the legitimate community grievances, which restored trust and allowed work to resume. During discussions, several outcomes were reached: Full Community Support: Irabzai and Slaim Khan Kahol committees pledged unconditional support for Sri Toi dam construction, including RD 2000. • Rejection of Unauthorized Demand: They discredited Mr. Ghaffar's authority to represent the community. • Future Preventive Measures: Committees committed to prevent any future disruption. • Community Needs Identified: Locations for facilities (washing, ablution, animal drinking areas) will be identified and shared with the Client for consent. The undertaking from Bob-e- Erab Zai committee and meeting photograph is provided below. 

3.8 UNANTICIPATED ENVIRONMENTAL IMPACTS OR RISKS.

60. During the reporting period, neither unanticipated environmental impacts were observed nor reported by the Contractor.

3.9 ENVIRONMENTAL MONITORING RESULTS

3.9.1 Overview of Monitoring Conducted during the Current Period

61. The primary goal/ objective of environmental monitoring is to:

i. Monitor project impacts on physical, biological and socio-economic indicators and to assess adequacy of the EMP/SSEMP in identifying and mitigating the project adverse effects;
ii. Recommend mitigation measures for any unforeseen impact or where the impact level exceeds that anticipated in EMP/SSEMP; and
iii. Ensure legal compliance including safety of workforce and community.

62. Following two types of Environmental monitoring were ensured during the execution of works.

i. **Compliance Monitoring**: To ensure that measures proposed in EMP/SSEMP are adhered to: and
ii. **Effect Monitoring**: To monitor the effect of construction activities on various components of the environment such as air, water, noise and soil etc.

To assess the effect of construction activities on various components of the environment on sub-project sites, as shown in Table 3-7, a comprehensive Environmental Monitoring Plan was made part of the construction contract with budgetary provisions included. During the reporting period, the given plan was accordingly implemented at the points specified in the Instrumental Monitoring Layout Plan given in the sub-project SSEMP's.

Table 3-6: Instrumental Environmental Monitoring Plan

Environmental Quality	Parameters	Standards/ Guidelines	Location	Monitoring Period/Frequency/Sampling/ No/ year	Responsibility	
					Implementation	Monitoring
Construction Stage						
Air Quality	NO, NO_2, SO_2, CO, O_3, SPM, PM_{10}, $PM_{2.5}$, Humidity, Wind direction, Wind velocity, Pressure etc.	Air quality standard by BEQS, Pakistan	Throughout the project areas particularly at: ▪ Camp and Batching plant site. ▪ Sensitive receptors at active construction site	Quarterly (24 Hours Duration)	Contractor	Supervision Consultant (SC)
Dust	Dust control	Air quality standard by BEQS, Pakistan	Throughout the project areas, particularly near sensitive receptors	Quarterly (24 Hours Duration)	Contractor	Supervision Consultant (SC)
Noise Level	dB(A)	Noise pollution Control BEQS, Pakistan	Camp site and Batching Plant site project areas, particularly near sensitive receptors	Quarterly (24 Hours Duration)	Contractor	Supervision Consultant (SC)
Water Quality	Bore water: Total Bacteria Count, Total Coliform, E. Coli, Faecal Coliform, Turbidity, Taste, Odour, Colour, Phenolic compounds, Residual Clorine, pH @25°C, TDS, Total Hardness, Fluoride, Cloride, Cyanide, Nitrate, Nitrite, Antimony,	BEQS, NEQS, WHO Limits,	Water near project corridor and camp site	Quarterly	Contractor	Supervision Consultant (SC)

Environmental Quality	Parameters	Standards/ Guidelines	Location	Monitoring Period/Frequency/Sampling/ No/ year	Responsibility	
					Implementation	Monitoring
	Aluminum, Arsenic, Boron, Barium, Chromium Total, Copper, Cadmium, Lead, Manganese, Mercury, Nickel, Selenium, Zinc, BOD, COD, Temperature, Oil & Grease, Iron, Mercury, Ammonia, Sulphate, Silver.					

3.10 INSTRUMENTAL MONITORING LABORATORY

63. To implement the instrumental monitoring plan at Siri Toi Dam, the Contractor, hired services of an external laboratory “Sustainable Environmental Services (SES)”. Balochistan Environmental Protection Agency (BEPA) certified lab, having head offices at Karachi.

64. The environmental monitoring was carried out by CSC to assess actual nature and extent of key impacts and the effectiveness of mitigation and enhancement measures outlined in the Initial Environmental Examination (IEEs) and Environmental Management Plans (EMPs). The labs conducted instrumental monitoring for ambient air quality, **meteorological** data, Noise and drinking water during the third quarter of the reporting period i.e., during December 2025, and provided reports. SAEMR contains comparison of the monitoring results obtained during the reporting period. Signed copies of the results are attached as **Annexure-XI.**

3.11 MONITORING METHODOLOGY AND CALIBRATION

65. Standard methods were employed for the analysis of environmental parameters. The details of each method has duly been described in the respective section.

66. Environmental Monitoring equipment were calibrated using the approved prescribed methods. Also, during monitoring hours, the calibration was rechecked to ensure quality of the results.

3.12 MONITORING OF AIR, NOISE AND WATER AT SIRI TOI DAM SITE

3.12.1 Ambient Air Monitoring

i. Methodology and Instrument Used

67. Ambient air quality monitoring was carried out for the assessment of Parameters (NO, NO2, SO2, CO, O3, SPM, PM10, PM2.5, humidity, wind direction, wind velocity, pressure etc). The Air Quality Monitoring Station (AQMS-09), employed for PM10 & PM2.5, is a fully integrated air monitoring station that delivers ‘near reference levels’ of performance parameters. With a size of large suitcase, it can measure up to 20 different gaseous and particulate pollutants and environmental parameters simultaneously. The AQMS 09 offers optimal balance between performance and measuring criteria pollutants.

ii. Test Results and Discussion

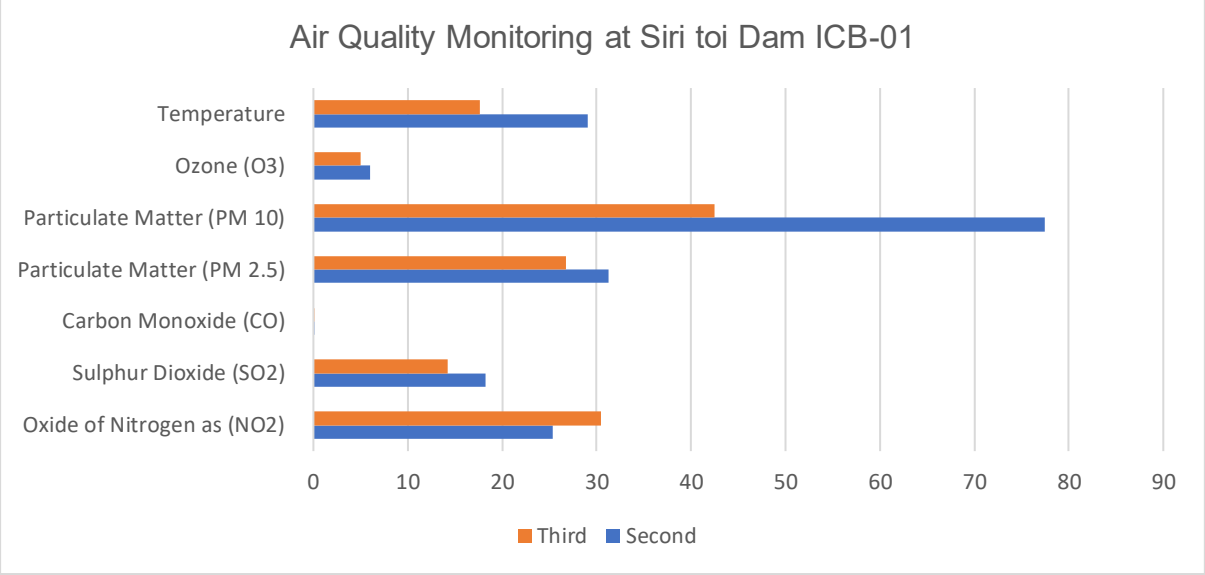


Figure 3-3: Air Quality Monitoring at Siri Toi Dam Camp site

68. Ambient air quality (NO, NO2, SO2, CO, O3, SPM, PM10, PM2.5, humidity, wind direction, wind velocity, pressure etc) was monitored for twenty-four (24) hours at the locations identified by the SC and results obtained are shown in graphical representation.

69. Air quality monitoring was conducted at the camp location during the Second Quarter (Q2) and third Quarter (Q3), with results evaluated against both national/provincial standards (NEQS and BEQS) and international guidelines (WHO). All measured parameters were found to be within NEQS and BEQS permissible limits, indicating compliance with regulatory standards. However, the concentrations of Nitrogen Dioxide (NO_2) were observed to exceed the WHO recommended limits during the third quarter, while Particulate Matter ($PM_{2.5}$) exceeded the WHO recommended limits during both quarters, primarily due to high vehicular activity and dust accumulation near the monitoring location.

70. Other parameters, such as Sulphur Dioxide (SO_2) and Carbon Monoxide (CO), remained well within WHO, NEQS, and BEQS limits in both Q2 and Q3, indicating low pollution from combustion-related sources. Ozone (O_3) levels were low across both quarters. The contractor has been advised to strictly adhere to the Site-Specific Environmental Management Plan (SSEMP), particularly through routine water sprinkling in dust-prone areas and regular vehicle emission monitoring.

71. Considering the compliance with BEQS, NEQS, and WHO standards, there is no immediate need for additional mitigation measures to control dust, apart from the measures proposed in the SSEMP. These measures may include regular sprinkling of water to suppress dust and timely transportation or disposal of excess materials temporarily stored at the site. Air Quality monitoring lab results have been attached as Annexure V.

72. It is important to regularly monitor and assess the dust levels and compliance with environmental standards throughout the project's implementation to ensure continued adherence to regulations and to address any potential concerns that may arise. Results have been provided in Table 3-8.

Table 3-7: Air Quality Monitoring Test Results

Sr. No.	Measuring Parameters	Location	Unit	Second	Third	WHO Limit	NEQS & BEQS Limits	Remarks
1.	Oxide of Nitrogen as (NO2)	Camp	µg/m3	25.35	30.41	25(24 hrs.)	80 (24 hrs.)	WL
2.	Sulphur Dioxide (SO2)	Camp	µg/m3	18.21	14.25	40(24 hrs.)	120 (24 hrs.)	WL
3.	Carbon Monoxide (CO)	Camp	mg/m3	0.0233	0.057	4(24 hrs.)	5 (08 hrs.)	WL
4.	Particulate Matter (PM 2.5)	Camp	µg/m3	31.27	26.7	15(24 hrs.)	35 (24 hrs.)	WL
5.	Particulate Matter (PM 10)	Camp	µg/m3	77.44	42.5	45(24 hrs.)	150 (24 hrs.)	WL
6	Ozone (O3)	Camp	µg/m3	6	5	60 (Peek Season)	130 (01 hr.)	WL
7	Temperature	Camp	-	29 c	17.6	-	-	-

3.12.2 Noise Monitoring

73. The twenty-four (24) hours noise level monitoring was carried out at Siri Toi Dam camp-site using digital noise level meter.

i. Test Results and Discussion

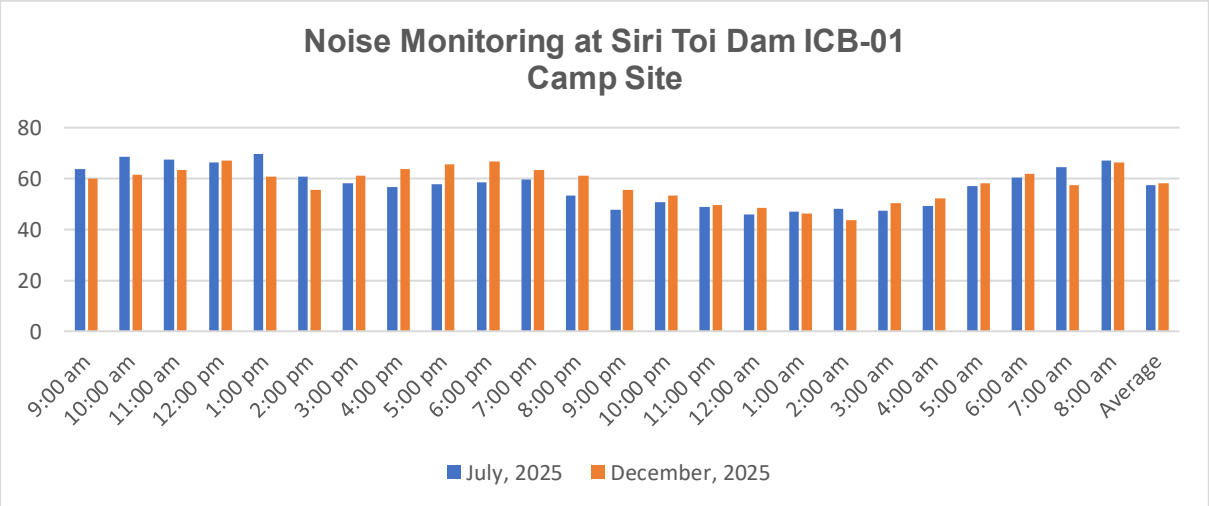


Figure 3-4: Noise Monitoring at Siri Toi Dam Camp site

74. The comparison of noise level monitoring results obtained during the monitoring period is shown in Figure **3-4** and Table 3-8: Noise Level Test Results.

75. The noise level monitoring at sites was carried out during day and night with the objective to assess the off-working noise levels as well. Noise Quality monitoring lab results have been attached as Annexure V.

Table 3-8: Noise Level Test Results

S. No	Time	Unit	July, 2025	December, 2025	WHO Limit	NEQS & BEQS Limits
01	09:00 AM	dB(A)	63.9	60.2	65 dBA (Day time)	75 dBA (Day time)
02	10:00 AM		68.5	61.6		
03	11:00 AM		67.4	63.2		
04	12:00 PM		66.2	66.9		
05	01:00 PM		69.5	60.6		
06	02:00 PM		60.6	55.6		
07	03:00 PM		58.3	61.3		
08	04:00 PM		56.8	63.6		
09	05:00 PM		57.9	65.5		
10	06:00 PM		58.4	66.8		
11	07:00 PM		59.6	63.4		
12	08:00 PM		53.5	61.2		
13	09:00 PM		47.9	55.4		
14	10:00 PM		50.6	53.2		
15	11:00 PM		48.7	49.6	55 dBA (Night time)	65 dBA (Night time)
16	12:00 AM		45.8	48.4		
17	01:00 AM		46.9	46.1		
18	02:00 AM		48.3	43.6		
19	03:00 AM		47.5	50.4		
20	04:00 AM		49.3	52.2		
21	05:00 AM		56.9	58.1		
22	06:00 AM		60.5	62.0		
23	07:00 AM		64.3	57.5	65 dBA (Day time)	75 dB(A) (Day time)
24	08:00 AM		67.1	66.2		
Average Results			**57.27**	**58.03**		

76. As evident from the results obtained, the average noise level at all intervals falls within the WHO, BEQS and NEQS limits of 55 and 65 dB(A) set for areas.

3.12.3 Monitoring of Drinking and Waste Water Quality

i. Methodology

77. During the reporting period, drinking water quality of the Contractor's camp was monitored for the agreed parameters given in the SSEMP. High density sterilized polyethylene bottles were used for the sampling. The collected samples were

preserved, sealed and chilled at 4°C as recommended. The grab method is used for sampling and preservation of water whereas.

ii. Drinking Water Test Results and Discussion

78. The drinking water demand is being met from a bore hole dug out at the camp. At the first instance, water is pumped to elevated storage tank from where it is supplied to the consumer points through a pipe network.

79. Following is the comparison of the results obtained for drinking water parameters as shown in Table 3-10.

80. As evident from the above table, almost all parameters of the drinking water, at the Contractor's camp, fall within the permissible limits set under BEQS, NEQS and WHO limits. Wtaer Quality monitoring lab results have been attached as Annexure V.

Table 3-9: Drinking Water Quality (Bore Water) Report

S.No	Parameters	Unit	Testing Method	BEQS Limits	NEQS Limits	WHO Limits	Second Quarter	Third Quarter	Remarks
1.	Total Bacteria Count	TBC (count/ml)	Total Viable Count	----------	----------	----------	N.D.	ND	-
2.	Total Coliform	TC (count/ml)	APHA 922 B	0/100 ml	0/100 ml	0/100 ml	N.D.	ND	WL
3.	E-Coli	EC (count/ml)	Total Viable Count	0/100 ml	0/100 ml	0/100 ml	N.D.	ND	WL
4.	Facial Coli	FC (count/ml)	APHA 922 B	0/100 ml	0/100 ml	0/100 ml	N.D.	ND	WL
5.	Turbidity	NTU	HACH Turbidity meter	<15	<5	<15	N.D.	ND	WL
6.	Taste	Taste	Sensory Evolution	Obj/Non Obj	Obj/Non Obj	Obj/Non Obj	Non Obj	Non Obj	WL
7.	Odour	Odour	Sensory Evolution	Obj/ Non Obj	Obj/Non Obj	Obj/Non Obj	Non Obj	Non Obj	WL
8.	Colour	TCU	Pt-Co method	≤ 15 TCU	≤ 15 TCU	≤ 15 TCU	<1.5	<1.2	WL
9.	Phenolic Compounds	As Phenol (mg/L)	ASTM D-1783	-	-	-	N.D.	ND	WL
10.	Residual chlorine	Cl2 (mg/L)	HACH Method 8167	0.2-0.5	0.2-0.5	-	0.48	0.46	WL
11.	Ph@25° C	PH	ASTM D-1293	6.5 to 8.5	6.5 to 8.5	6.5 to 8.5	6.94	8.10	WL
12.	Total Dissolved Solid	TDS (mg/L)	APHA 2540-C	< 1000	< 1000	< 1000	393	354	WL
13.	Total Hardness	As COCO3 (mg/L)	APHA 2340-C	< 500	< 500	-	105	76.8	WL

S.No	Parameters	Unit	Testing Method	BEQS Limits	NEQS Limits	WHO Limits	Second Quarter	Third Quarter	Remarks
14.	Fluoride	F_1 (mg/L)	APHA 4500- F_1	≤ 1.5	≤ 1.5	1.5	0.38	0.13	WL
15.	Chloride	CL_1(mg/L)	APHA 4500- Cl_1	< 250	< 250	250	52.2	115	WL
16.	Cyanide	CN_1(mg/L)	HACH Method 8027	≤ 0.05	≤ 0.05	0.05	N.D.	ND	WL
17.	Nitrate	NO3_1(mg/L)	HACH Method 8192	≤ 50	≤ 50	50	0.36	0.14	WL
18.	Nitrite	NO2_1(mg/L)	APHA 4500-NO2_1-B	≤3.0 (P)	≤3.0 (P)	3	0.06	0.09	WL
19.	Antimony	Sb (mg/L)	ASTM D-3697	≤0.005	≤0.005	0.02	N.D.	ND	WL
20.	Aluminium	Al (mg/L)	ASTM D-857	≤0.2	≤0.2	0.2	0.05	0.04	WL
21.	Arsenic	As (mg/L)	ASTM D-2972	≤0.05	≤0.05	0.01	N.D.	ND	WL
22.	Boron	B (mg/L)	ASTM D-3082	0.3	0.3	0.3	N.D.	ND	WL
23.	Barium	Ba(mg/L)	ASTM D-4382	0.7	0.7	0.7	0.008	0.005	WL
24.	Chromium Total	Cr(mg/L)	ASTM D-1687	≤0.05	≤0.05	0.05	N.D.	ND	WL
25.	Copper	Cu(mg/L)	ASTM D-1688	2	2	2	<0.06	<0.07	WL
26.	Cadmium	Cd(mg/L)	ASTM D-3557	0.01	0.01	0.03	N.D.	ND	WL
27.	Lead	Pb(mg/L)	ASTM D-3559	≤0.05	≤0.05	0.01	N.D.	ND	WL
28.	Manganese	Mn(mg/L)	ASTM D-858	≤0.5	≤0.5	0.5	N.D.	ND	WL
29.	Mercury	Hg (mg/L)	ASTM D-3223	≤0.001	≤0.001	0.001	N.D.	ND	WL
30.	Nickel	Ni(mg/L)	ASTM D-3866	≤0.05	≤0.02	0.02	N.D.	ND	WL
31.	Selenium	Se(mg/L)	ASTM D-3858	0.01	0.01	0.01	N.D.	ND	WL
32.	Zinc	Zn (mg/L)	ASTM D-1691	5	5	3	0.07	0.06	WL

i. Waste Water Test Results and Discussion

81. The wastewater samples, in both the quarters, were collected from the project area.

82. The temperature of the sample was recorded at 30.5°C, which is within the permissible NEQS limit of 40°C (±3). The pH was measured at 7.96, indicating a slightly alkaline nature and remaining within the acceptable NEQS range of 6–9.

83. The Biological Oxygen Demand (BOD) was recorded at 22.65 mg/L, significantly below the NEQS limit of 80 mg/L, indicating a low concentration of biodegradable organic matter. Similarly, the Chemical Oxygen Demand (COD) value of 45.3 mg/L is well within the NEQS threshold of 150 mg/L, reflecting a low level of chemically oxidizable pollutants.

84. 84. With regard to solids, the Total Dissolved Solids (TDS) concentration was 1561 mg/L, which is within the NEQS limit of 3500 mg/L, while the Total Suspended Solids (TSS) measured 59.4 mg/L, well below the permissible limit of 150 mg/L. These results indicate satisfactory control of suspended and dissolved solids in the discharge.

85. The concentration of Oil & Grease was 0.04 mg/L, significantly lower than the NEQS limit of 10 mg/L, indicating negligible hydrocarbon contamination.

86. 85. Major inorganic parameters such as Chloride (344 mg/L), Sulphate (281 mg/L), Fluoride (5.9 mg/L), and Ammonia (19.4 mg/L) were all found to be within their respective NEQS limits. The Anionic Detergent concentration (6.8 mg/L) also complies with the permissible limit of 20 mg/L.

87. Sulphide was recorded at 0.61 mg/L, which is below the NEQS limit of 1.0 mg/L. Total Kjeldahl Nitrogen (TKN) was measured at 0.23 mg/L, indicating a low nitrogen load in the wastewater.

88. 86. Heavy metals analysis indicates that most parameters were either within permissible limits or were Not Detected (ND).

89. 87. Overall, the analyzed parameters generally comply with the National Environmental Quality Standards (NEQS) for municipal and liquid industrial effluents. The wastewater quality indicates minimal organic, chemical, and heavy metal contamination. However, continued monitoring is recommended to ensure ongoing compliance and to address any potential variations over time

Table 3-10: Waste Water Quality Report

S.No	Parameters	Unit	Testing Method	NEQS	Second	Third
1.	Temperature at 40 °C	°C	Calibrated Thermometer	40+ ≤03	28.7	30.5
2.	Ph@25° C	PH	ASTM D-1293	6 to 9	7.57	7.96
3.	Biological Oxygen Demand (BOD)	Mg/L	APHA 5210	80	30.15	22.65
4.	Chemical Oxygen Demand (COD)	Mg/L	ASTM D-1252	150	64.86	45.3
5.	Total Dissolved Solids	TDS (mg/L)	APHA 2540-C	3500	1104	1561
6.	Total Suspended Solids (TSS)	Mg/L	APHA 2540-D	150	74.2	59.4
7.	Oil & Grease	Mg/L	ASTM D-4281	10	0.04	0.04
8.	Chloride	CL_1(mg/L)	ASTM D-512	1000	599	344
9.	Phenolic Compounds	As Phenol (mg/L)	ASTM D-1783	0.1	N.D.	ND
10.	Fluoride	F_1 (mg/L)	APHA 4500	20	7.6	5.9

S.No	Parameters	Unit	Testing Method	NEQS	Second	Third
11.	Anionic Detergent	Det(mg/L)	ASTM D-6173	20	6.1	6.8
12.	Selenium	Se2(mg/L)	APHA 4500 Se	0.5	N.D.	ND
13.	Sulphide	Mg/L	APHA 4500	1.0	0.72	0.61
14.	Ammonia	Mg/L	ASTM D-1426	40	21.2	19.4
15.	Cadmium	Cd(mg/L)	ASTM D-3557	0.1	<0.5	<0.3
16.	Chromium Trivalent	Cr+3(mg/L)	APHA 3500-Cr	1.0	N.D.	ND
17.	Chromium Hexavalent	Cr+6(mg/L)	APHA 3500-Cr	1.0	0.05	0.07
18.	Lead	Pb(mg/L)	ASTM D-3559	0.5	0.4	0.09
19.	Mercury	Hg (mg/L)	Kit Method	0.01	N.D.	ND
20.	Nickel	Ni(mg/L)	HACH Dimethylglyoxime Method	1.0	N.D.	ND
21.	Silver	(mg/L)	ASTM D-3866	1.0	N.D.	ND
22.	Zinc	Zn (mg/L)	HACH Zineon Method	5.0	0.6	0.6
23.	Iron	Mg/L	APHA 3500-Fe	2.0	0.8	0.9
24.	Manganese	Mn(mg/L)	APHA 3500-Mn	1.5	0.09	0.07
25.	Boron	B (mg/L)	APHA 4500	6.0	0.7	0.9
26.	Sulphate	Mg/L	APHA 4500	600	284	281
27.	Arsenic	As (mg/L)	Palintest Kit	1.0	N.D.	ND
28.	Copper	Cu(mg/L)	HACH Biquinoline Method	1.0	0.06	0.06
29.	Chlorine	Mg/L	HACH DPD Method	1.0	N.D.	ND
30.	Aluminium	Al(mg/L)	HACH Eriochrome Cyanine R	……	N.D.	ND
31.	Total Kjheldal Nitrogen	(mg/L)	Kit Method	……	0.19	0.23
32.	Barium	Ba(mg/L)	ASTM D-4382	1.5	0.87	0.79

Note:
BEQS= Baluchistan Environmental Quality Standards
NEQS= National Environmental Quality Standards
WHO= World Health Organization Limits
WL= Within Limit

3.13 WASTE MANAGEMENT

90. All waste generated at the construction sites is collected and managed within designated waste segregation areas inside the camp. Black water is temporarily stored in septic tanks and subsequently discharged to nearby municipal facilities. Storm water drains have been provided to divert runoff away from the camp area. Food waste is disposed of at a properly managed landfill site, while recyclable materials are collected and sold to local vendors for reuse.

Table 3-11- Solid Waste generated at sub-project sites are as under

Sr. #	Name of Sub-Project	Solid Waste generated in Kilograms/day	Types of Waste	Remarks
1	Siri Toi Dam ICB 01	1-1.5 Kg/day	Plastic, polythene bags	Solid waste is preferably reused, recycled and disposed of at designated dumping site.
		1-2.5 Kg/day	Solid waste/ cans etc	
		1-1.5 Kg/day	Bio Degradable Waste	

3.14 HEALTH AND SAFETY

3.14.1 HSE Management Plan

91. The HSE Management Plan is being actively implemented across all working and active construction sites. Special care has been taken during the execution of construction activities to ensure safety. Necessary Personal Protective Equipment (PPE) has been issued to all workers and is being properly utilized on site. Safety signs and caution boards have been installed along main roads at designated intervals to guide personnel and visitors.

92. The weekly and monthly monitoring checklists are utilized to assess compliance with Health, Safety, and Environment (HSE) requirements at the site across various ongoing construction activities. The duly completed weekly monitoring checklists are attached as Annexure I, while the completed monthly monitoring checklists are attached as Annexure II.

93. Training sessions and Toolbox Talks (TBTs) have been conducted to raise awareness among workers about the hazards associated with their respective tasks. Fire extinguishers have been installed at key locations, including the store, fueling station, material testing laboratory and near the Concrete Batching Plant. Evidence of PPE usage and conducted trainings is provided in Annexure III.

3.14.2 Traffic Management Plan (TMP)

94. Project-related traffic is being managed in accordance with the approved Traffic Management Plan (TMP). For the execution of earthworks, vehicular movement is restricted to well-defined haulage routes, and light water sprinkling is carried out regularly to minimize dust emissions. Top eroded soil is removed by graders to maintain the haul roads and reduce dust generation.

95. Flagmen have been appointed at main roads, as well as in front of borrow and disposal sites, to regulate traffic and minimize the risk of accidents. Drivers and operators are adhering to the prescribed speed limits within the working area. Proper warning signboards have been installed along all routes to guide traffic safely. Evidence of the installed warning signs is provided in Annexure III.

3.14.3 Welfare Facilities

96. It is the Contractor's contractual obligation to provide appropriate and adequate welfare facilities within the construction camp. The Contractor has ensured the provision of basic welfare facilities for all workers. A summary of the provided facilities is presented below.

- **First Aid Arrangements:** Fully equipped first aid stations for immediate medical assistance.
- **Seating Facilities:** Adequate seating arrangements for workers and staff.
- **Lighting:** Sufficient lighting in work and living areas to ensure safety and comfort.
- **Heating & Cooling:** Facilities to maintain suitable indoor temperatures in accommodation and offices.
- **Drinking Water:** Safe and readily accessible drinking water for all personnel.
- **Fresh Portable Water Coolers:** Additional water points to ensure hydration during work.
- **Toilet Facilities / Hygiene:** Properly maintained sanitary facilities for workers.
- **Washing Facilities:** Adequate washing points for personal hygiene.
- **Accommodation:** Safe and secure residential facilities for staff and workers on-site.

3.14.4 HSE Statistic

97. HSE management at the construction site is critical to preventing accidents and ensuring the welfare, health, and safety of all employees and workers. All activities and incidents are properly documented and managed in a timely manner to minimize unnecessary risks. Records of various incidents during the period July 2025 to December 2025 are summarized in the table below.

Table 3-12: Records related to HSE

S. No	Items	Reports
1	Minor First Aid	4
2	Major First Aid	0
3	Medical Treatment	34
5	Minor Accident	0
6	Fires	0
7	Near Miss	3
8	Vehicle Accidents	0
10	Toolbox Talks	38
11	HSE Trainings	22
12	Public Consultation	0
14	Social Complaints	0

3.14.5 Training

98. Aside from the formal training sessions, Contractor's Environmentalist and Site supervisors regularly hold toolbox talks before the start of work to emphasize the importance of the HSE aspect of work. Trainings and awareness campaigns are a pivotal part of the EMP. These trainings are being conducted at regular intervals in

order to keep workers and the environment safe. The basic purpose of these sessions is to keep workers well aware of the different risks and hazards associated with site-specific construction activities and to make them better equipped to respond in any kind of emergency situation. In the reported months of June to December, 2025, a total of 22 trainings were conducted as mentioned in Table 3-14. Training pictures and attendance sheets have been attached as Annexure III.

Table 3-13: Details of Health and Safety Trainings on Site.

S. No	Location	Topic	Date
1	Civil Store	Proper Placement	23-7-2025
2	Spillway	Work at Height Safety	27-7-2025
3	Spillway	Scaffolding Structure/Safety	01-8-2025
4	Camp	Waste Management	05-8-2025
5	Welding Plant	Housekeeping	05-8-2025
6	RBC	Use of Fire Extinguishers	07-8-2025
7	Store	Housekeeping/ Manual Handling	18-9-2025
8	Camp Workshop	Eyes and Hands Safety	18-9-2025
9	Labor Mess	Fire Safety in Kitchen	01-9-2025
10	Mechanic Shop	Safety Culture	27-9-2025
11	Steel Yard	Proper Placement	15-10-2025
12	Labor Mess	Housekeeping	16-10-2025
13	Project Site	Personal Care and Conduct	18-10-2025
14	Main Dam	Work at height safety	27-10-2025
15	Main Dam	Awareness of Site Sensitive areas	5-11-2025
16	Spillway	Impotence of PPEs	5-11-2025
17	Store	Material Handling and Housekeeping	7-11-2025
18	Main Dam	Excavation Safety	13-11-2025
19		PPEs Compliance	26-11-2025
20	Main Dam	Excavation Safety	26-11-2025
21	Project site	Work at Height	12-12-2025
22	Spillway	Slope Protection	14-12-2025

3.15 FUNCTIONING OF THE SSEMP

3.16 GOOD PRACTICE AND OPPORTUNITY FOR IMPROVEMENT

- Several Environmental, Health, and Safety (EHS) good practices were observed at the construction sites during the reporting period, in compliance with the approved Site Specific Environmental Management Plan (SSEMP) and Environmental Management Plan (EMP).
- The campsite was established in accordance with prescribed guidelines and included key safety provisions such as an Emergency Assembly Point, designated refueling station, fire extinguishers and fire buckets, safety signboards, site barricading, a labor canteen, machinery parking area, medical facilities (dispensary and ambulance), a septic tank–based sanitation system, and a maintained grievance register.
- Quarterly environmental monitoring was conducted at designated locations within the project area to ensure compliance with applicable environmental standards.

- Proper waste segregation practices were implemented, along with black water management through septic tanks, stormwater drainage arrangements, and recycling of reusable materials.
- Regular toolbox talks and structured training sessions were conducted to enhance worker awareness and emergency preparedness. A total of 22 training sessions were carried out from June to December 2025.

99. Overall, these practices contribute to a well-maintained, safe, and organized work environment, enhancing both operational efficiency and worker well-being.

3.17 Opportunities for Improvement

100. Based on the observed non-compliances, the following areas require improvement:

- Strict enforcement of mandatory PPE usage for all workers at the site.
- Enhancement of safety signage and proper installation and maintenance of barricading around active work zones.
- Strengthening of dust suppression measures to minimize air quality impacts.
- Improvement in housekeeping practices, including proper storage of construction materials and empty drums.
- Implementation of a more robust waste management system to prevent improper disposal.
- Upgradation and maintenance of kitchen facilities to meet hygiene and sanitation standards.
- Regular inspection and maintenance of site access routes to eliminate muddy terrain, debris, and tripping hazards.
- Increased supervision and periodic internal audits to ensure continuous compliance with EMP and SSEMP provisions.

101. Addressing these areas will significantly enhance environmental performance, worker safety, and overall compliance with project safeguard requirements.

4 DESCRIPTION OF PASHTA KHAN AND GARAMBOWAD PERENNIAL IRRIGATION SUB PROJECT-MULLA RIVER BASIN (NCB-04)

4.1 PROJECT DESCRIPTION

102. The schemes are located northeast of Khuzdar in the Pashta Khan area at a distance of about 64 km, that is 28 km north via N-25 Highway (RCD Highway) to the Baghbana area and 36 km east on an unpaved road and hilly track to the scheme location. Pashta Khan and Garambowad (PIS) sub-projects are located at a distance of 7 km from each other and situated on the Anjira River which drains into the Mula River near Pashta Khan. It is located in Tehsil Moola, District Khuzdar, Balochistan. Both schemes are taken as a single sub-project due to their close proximity and smaller size. The main components of the sub-project consist of a weir with a perennial irrigation channel and flood protection bunds at Pashta Khan, and an off-take well with a long irrigation canal and flood protection bunds were opted for Garambowad for irrigating a command area of 94 ha.

103. Project Layout is shown in Figure 4-1.

SALIENT FEATURES:

- Total Revised Cost Rs. 1153.02 (Rs. Million)
- Weir Length 120 Meter
- Pashta Khan Command Area 753 ha
- Pashta Khan Perennial Irrigation channel Length 3500 Meter
- Garambowad irrigation canal Length 5500 Meter
- Garambowad Command Area 94 ha

PROJECT PROGRESS:

- Overall Target: 100.00%
- Physical Progress: 43.00%
- Financial Progress: 30.08%

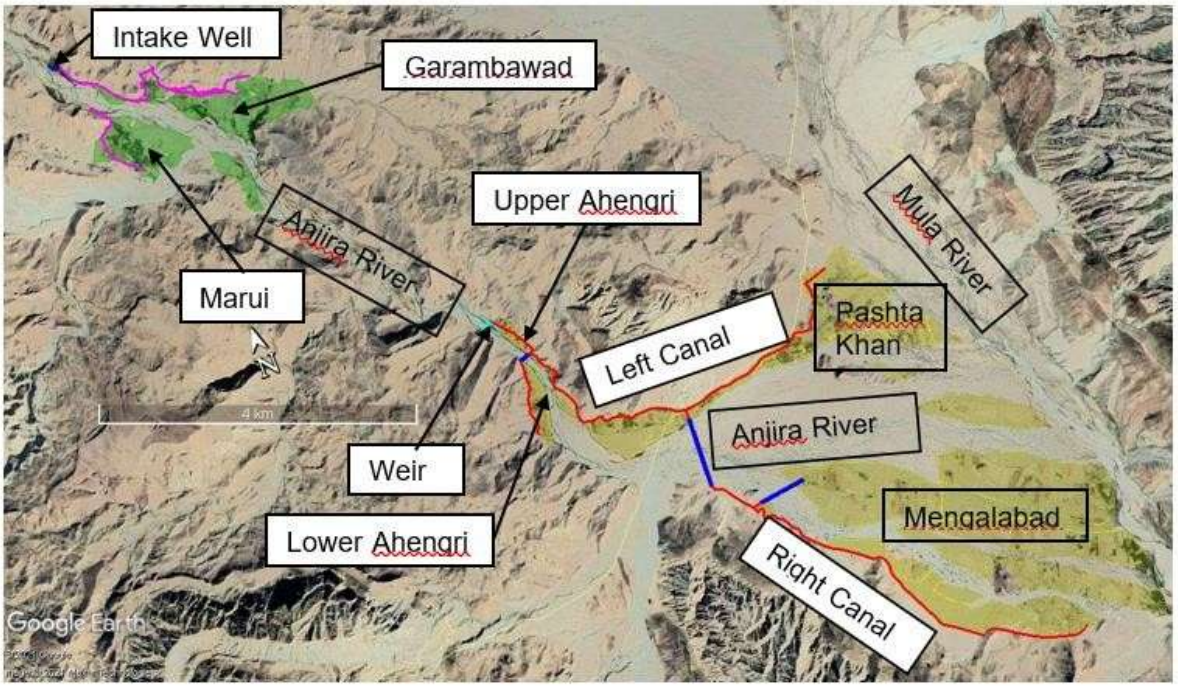


Figure 4-1: Layout of the subproject

4.2 ACTIVITIES DURING CURRENT REPORTING PERIOD

104. An overview of the current progress for various activities under the Pashta Khan and Garambowad Perennial Irrigation Sub Project(NCB-04) is providedin Table 4-1 below. It outlines the completion percentages of key construction tasks, reflecting the status of each activity as the project advances

Table 4-1: Pashta Khan and Garambowad Perennial Irrigation Sub Project(NCB-04) works progress

Sr. No	Activity	Status %
1	Weir	60%
2	Right Channel	30%
3	Stone pitching on level	0 %
4	Excavation in Conduit	40%
5	Earthwork of FP Bund	70%
6	Excavation in channels	30%
7	Construction joint in lining	0%
8	Expansion joint in lining	0%
9	Water stopper	0%
10	Steel	55%
11	Bund 1	0%
12	Bund 2	80%
13	Stone pitching on slop	0%

Construction Material

105. Major construction materials used at NCB-04 include reinforced steel, steel pipes, cement, sand and coarse aggregates supplied form the approved sources as mentioned in the SSEMP. Sources of construction materials are listed below.

Cement	DG. Khan, Power and Falcon Cement
Steel	Amrely, Agha and HTC Steel
Sand	Wadh
Crush	Local
Stone	Borrow Local

106. The details for types of construction material used and their sources for the time period June to December 2025 are mentioned in Table 4-2.

Table 4-2- Detail of material and sources of Pashta Khan and Garambowad Perennial Irrigation Sub Project(NCB-04)

Sr. No.	Name of Material	Quantities Used						Quantities Used of the Current Period
		Jul, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025	
1	Steel (Tons)	26	18	17	21	16	15	**113**
2	Cement (Bags)	7400	70000	90000	90000	75000	7500	**339900**
3	Sand (cft)	30800	34000	17500	17500	22000	18500	**140300**
4	Aggregate (cft)	30258	24200	18400	18400	24200	21400	**136858**

Human Resources

107. As a contractor, it is a prior responsibility to hire local staff, skilled and unskilled staff and labor. Because it is the basic right of people living in the vicinity of the project area to get maximum financial benefit from the project to overcome unemployment, so their socioeconomic status can be improved. However, considering availability and ability of work, the contractor has provided the jobs to the local community on a priority basis. The details for categories of employees, both Skilled and Unskilled, are mentioned in Table 4-3.

Table 4-3- Manpower Technical/skilled/ unskilled staff details

Designation	Numbers					
	Jul, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025
Project Manager	1	1	1	1	1	1
Chief Surveyor/Quantity Surveyor	1	1	1	1	1	1
Surveyor	2	2	2	2	2	2
Surveyor Helper	2	2	2	2	2	2
HSE and Environmental Engineer	1	1	1	1	1	1
General Forman	3	3	3	3	3	3
Material Engineer	1	1	1	1	1	1
Lab Technician	1	1	1	1	1	1
Lab Helper	1	1	1	1	1	1
AutoCAD Operator	1	1	1	1	1	1
Accountant	1	1	1	1	1	1
Storekeeper	1	1	1	1	1	1

Designation	Numbers					
	Jul, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025
Procurement Officer	1	1	1	1	1	1
Supervisor	3	3	3	3	3	3
Mechanic	1	1	1	1	1	1
Auto Electrician	1	1	1	1	1	1
Batching Plant Operator	1	1	1	1	1	1
Batching Plant Helper	1	1	1	1	1	1
Crush Plant Operator	1	1	1	1	-	1
Crush Plant Helper	1	1	1	1	-	1
Heavy Machinery Operator	9	9	9	9	9	9
Heavy Machinery Helper	6	6	6	6	6	6
Diesel Store	1	1	1	1	1	1
Security Guard	7	7	7	7	7	7
Cook	3	3	3	3	3	3
Cook Helper	1	1	1	1	1	1
Labour	12	12	12	12	12	12
Total	**65**	**65**	**65**	**65**	**63**	**65**

Equipment Machinery

108. The contractor is obliged to use heavy machinery on site to ensure the timely completion of the work. Maintenance of the machinery not only provides better and successful results but also a safe haven for the workers operating nearby. Daily inspection of machinery is carried out by experts and supervisors before and after the machine is used. The machinery is washed on a daily basis and maintained by their assigned individual operators. The details of Heavy Machinery working on site are mentioned in Table 4-4.

Table 4-4: List of Machinery/Equipment's

Name of Machine	Numbers					
	Jul, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025
Grader	2	2	2	2	2	2
Vib Roller	1	1	1	1	1	1
Dumper	5	5	5	5	5	5
Excavator	5	5	5	5	5	5
Crane	1	1	1	1	1	1
Loader	1	1	1	1	1	1
Water Bowser	3	3	3	3	3	3
Vibrator	3	3	3	3	3	3
Batching Plant	1	1	1	1	1	1
Heavy Generator	1	1	1	1	1	1
Light Generator	2	2	2	2	2	2
Lite Vehicle	6	6	6	6	6	6
Transit Mixer	2	2	2	2	2	2

Name of Machine	Numbers					
	Jul, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025
Hand Mixer	1	1	1	1	1	1
Water Pump	4	4	4	4	4	4
Tractor Blade	1	1	1	1	1	1
Tractor Tralli	1	1	1	1	1	1
Tractor Water Tank	1	1	1	1	1	1
Diesel Tank	1	1	1	1	1	1

4.3 Description of any Changes in NCB-04 Design

109. During the reporting period, no changes were made in the design of NCB-04.

4.4 Description of any Changes to Agreed Construction Methods

110. The construction activities at various sections of the site are in progress in accordance with the Engineer's approved methodology and specifications

Figure 4-2: Construction of Pashta Kha D/S Weir Panel No .5 in Progress

4.5 ENVIRONMENTAL SAFEGUARD ACTIVITIES

4.5.1 General Description of Environmental Safeguard Activities

111. During the reporting period, the Contractor made notable progress on the Pashta Khan and Garambowad Perennial Irrigation Subproject (NCB-04). At Pashta Khan, construction activities included completion of a 70-meter weir length with a height of 10 meters. Canal construction also progressed, with 20 meters completed on the Left Canal and 15 meters on the Right Canal. Additionally, 18 layers of the Flood Protection Bund were constructed along the reach RD 0+400 to 0+587.50.

112. The environmental safeguard aspect of these activities was diligently supervised and monitored, ensuring compliance with the provisions outlined in the approved SSEMP and the Environmental Management Plan (EMP) in general. To maintain a systematic record of the environmental safeguard supervision, sample-filled checklists were utilized. These checklists, attached as Annexure-V, serve as a documentation tool, outlining the specifics of the activities and confirming adherence to environmental protection measures as per the established plans.

113. During the reporting period, the Contractor at the Pashta Khan and Garambowad Perennial Irrigation Subproject (NCB-04) demonstrated partial compliance with Environmental, Health, and Safety (EHS) standards at the construction site and labor camp. Workers were observed using the required Personal Protective Equipment (PPE), including safety helmets, gloves, and reflective vests, indicating a general compliance with PPE protocols. Fire extinguishers and first aid boxes were available on-site, contributing to emergency preparedness. Safety signboards and site

barricades were installed in some areas to control access and improve hazard visibility, and water sprinkling was observed as a dust control measure in active work zones.

114. During the site inspection, serious non-compliances with occupational health and safety requirements were observed. Workers were found performing their duties without wearing the required Personal Protective Equipment (PPE), and no safety harnesses were used by personnel working at height, posing a significant risk of falls and injuries. Additionally, safety signboards were not installed at the site, and caution tapes were not placed around excavated areas, increasing the likelihood of accidental entry, trips, and other safety hazards.

115. During the reporting period, quarterly instrumental environmental monitoring was also held at the site. Results obtained and commentary thereon have separately been given under Section 4.9 of the report.

4.5.2 Corrective Action Plans (CAPs):

116. During the reporting period, the Environment Specialist of PIC/SC conducted regular visits and monitored the project for the implementation of the Environmental Management Plan (EMP). As a result of these visits, Corrective Action Plans (CAPs) have been prepared for EMP non-compliance at Pashta Khan and Garambowed (PIS)Subproject. The details of these CAPs are provided in the Table 4-5 below.

Table 4-5- Pashta Khan and Garambowed (PIS)Subproject Corrective Action Plan (CAP)

Sr. No	EMP Observations	Corrective Measures	Implementing Responsibility	Monitoring Responsibility	Timeline	Updated Status Closed/open
1	Workers were observed without wearing required Personal Protective Equipment (PPE).	Ensure mandatory use of PPE (helmets, safety vests, gloves, safety shoes) for all workers. Conduct regular inspections and enforce compliance through supervision.	Contractor	CSC	Immediately (25-12-2025)	Open
2	No safety harnesses were used by workers while working at height.	Provide certified safety harnesses and ensure their mandatory use for all work at height. Conduct training on fall protection measures.	Contractor	CSC	Immediately (25-12-2025)	Open
3	Safety signboards were not installed at the site.	Install adequate safety and warning signboards at all critical locations	Contractor	CSC	Within 7 days 2 January 2026	Open

Sr. No	EMP Observations	Corrective Measures	Implementing Responsibility	Monitoring Responsibility	Timeline	Updated Status Closed/open
		in accordance with safety standards.				
4	No caution tapes were installed around excavated areas.	Install caution tapes and proper barricading around all excavated and hazardous areas to prevent accidental entry.	Contractor	CSC	Immediately	Open

*Pictoral Evidences for closed issues are mentioned as annexure IV

4.6 SITE AUDITS

4.6.1 Issues Tracking (Based on Non-Conformance Notices) .

117. During the site inspection, serious non-compliances with occupational health and safety requirements were observed at the construction site. Workers were found performing their duties without wearing the required Personal Protective Equipment (PPE), including helmets, reflective vests, and safety shoes. Furthermore, personnel working at height were not equipped with safety harnesses, posing a significant risk of falls and potential injuries.

118. Additionally, safety signboards were not installed at the site to warn workers and visitors of potential hazards. Caution tapes were also not placed around excavated areas, increasing the risk of accidental entry, slips, trips, and other safety incidents. These deficiencies reflect inadequate implementation of site safety protocols and require immediate corrective action to ensure compliance with approved EHS standards.

4.7 GRIEVANCE REDRESSAL MECHANISM.

119. A GRM has been established for the project. A complaint register is available inside camp to receive complaints from local community/project affected people and contractor's staff. No complaints have been registered in the time period July to December 2025.

120. UNANTICIPATED ENVIRONMENTAL IMPACTS OR RISKS.

121. During the reporting period, neither unanticipated environmental impacts were observed nor reported by the Contractor.

4.8 Monitoring of Air, Noise and Water at Pashta Khan and Garambowed (PIS)Subproject

4.8.1 Ambient Air Monitoring

i. Methodology and Instrument Used

122. Ambient air quality monitoring was carried out for the assessment of parameters (NO, NO2, SO2, CO, O3, SPM, PM10, PM2.5, etc). The Air Quality Monitoring Station (AQMS-09), employed for PM10 & PM2.5, is a fully integrated air monitoring station that delivers 'near reference levels' of performance parameters. With a size of a large suitcase, it can measure up to 20 different gaseous and particulate pollutants and environmental parameters simultaneously. The AQMS 09 offers an optimal balance between performance and measuring criteria pollutants.

ii. Test Results and Discussion

123. Ambient air quality (NO, NO2, SO2, CO, O3, SPM, PM10, PM2.5, etc) was monitored for twenty-four (24) hours at the locations identified by the SC and results obtained are as under.

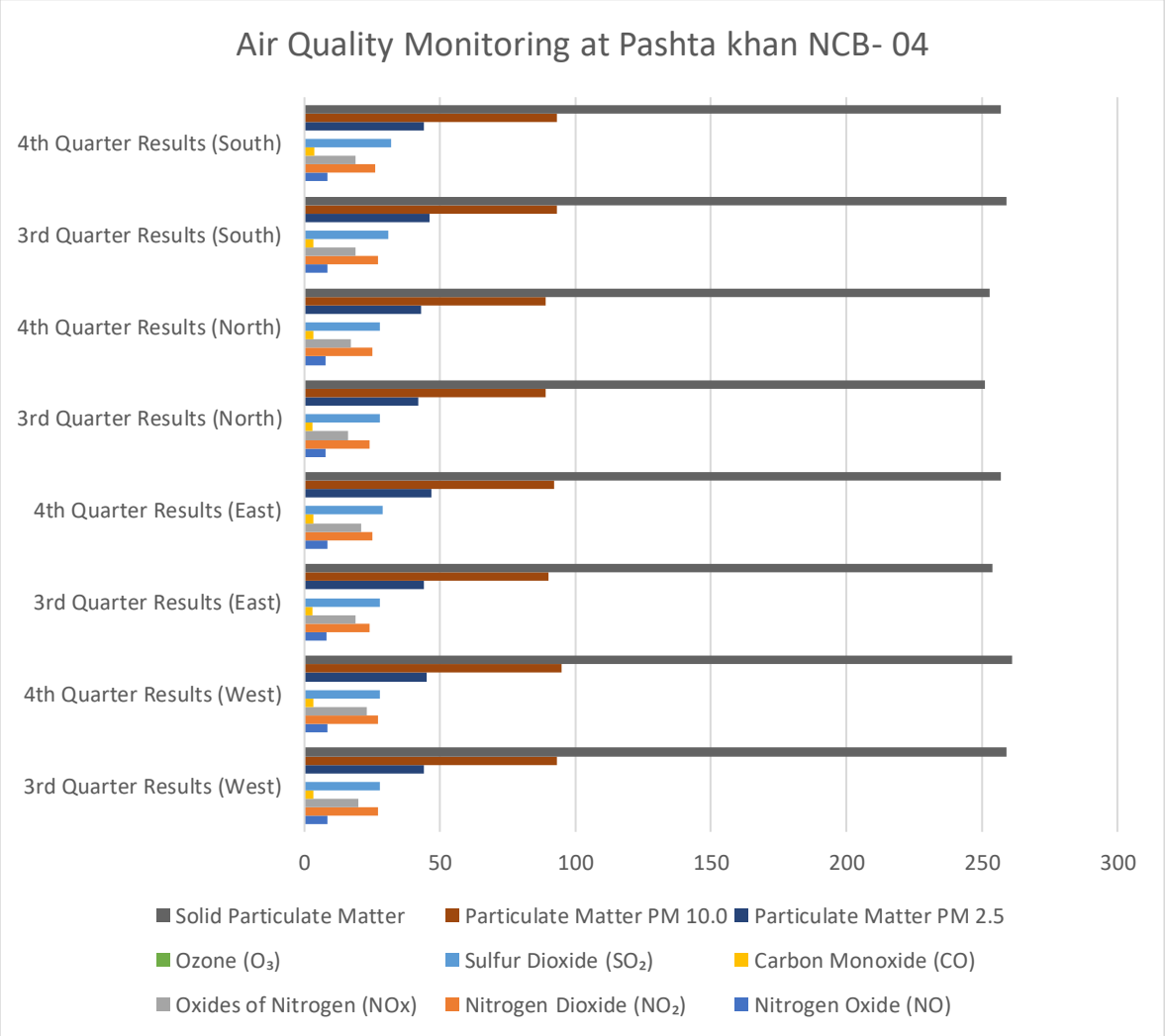


Figure 4-3: Graphical representation of Ambient Air Quality at NCB-04

124. The contractor has performed quarterly monitoring at the sub-project sites and all the results are within the permissible limits and compliance with the BEQS, NEQS and

WHO standards. are shown as in Figure 4-3 and Table 4-7. Signed copies of the results are attached as **Annexure-VI**.

Table 4-6: Air Quality Monitoring Test Results

S. No.	Measuring Parameter	Units	NEQS Limits	3rd Quarter Results	4th Quarter Results	Test Remarks
West						
1	Nitrogen Oxide (NO)	µg/m³	40	8.4	8.5	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	27	27	WL
3	Oxides of Nitrogen (NOx)	µg/m³	120	20	23	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.3	3.4	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	28	28	WL
6	Ozone (O_3)	µg/m³	130	ND	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	44	45	WL
8	Particulate Matter PM 10.0	µg/m³	150	93	95	WL
9	Solid Particulate Matter	µg/m³	500	259	261	WL
East						
1	Nitrogen Oxide (NO)	µg/m³	40	8.2	8.3	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	24	25	WL
3	Oxides of Nitrogen (NOx)	µg/m³	120	19	21	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.1	3.2	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	28	29	WL
6	Ozone (O_3)	µg/m³	130	ND	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	44	47	WL
8	Particulate Matter PM 10.0	µg/m³	150	90	92	WL
9	Solid Particulate Matter	µg/m³	500	254	257	WL
North						
1	Nitrogen Oxide (NO)	µg/m³	40	7.8	7.9	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	24	25	WL
3	Oxides of Nitrogen (NOx)	µg/m³	120	16	17	WL
4	Carbon Monoxide (CO)	mg/m³	10	3	3.2	WL

S. No.	Measuring Parameter	Units	NEQS Limits	3rd Quarter Results	4th Quarter Results	Test Remarks
5	Sulfur Dioxide (SO_2)	µg/m³	120	28	28	WL
6	Ozone (O_3)	µg/m³	130	ND	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	42	43	WL
8	Particulate Matter PM 10.0	µg/m³	150	89	89	WL
9	Solid Particulate Matter	µg/m³	500	251	253	WL
South						
1	Nitrogen Oxide (NO)	µg/m³	40	8.3	8.4	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	27	26	WL
3	Oxides of Nitrogen (NOx)	µg/m³	120	19	19	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.3	3.6	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	31	32	WL
6	Ozone (O_3)	µg/m³	130	ND	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	46	44	WL
8	Particulate Matter PM 10.0	µg/m³	150	93	93	WL
9	Solid Particulate Matter	µg/m³	500	259	257	WL

125. Monitoring data from all four project zones (West, East, North, and South) demonstrate compliance with NEQS standards. Key pollutants such as Nitrogen Oxide (NO), Nitrogen Dioxide (NO_2), Oxides of Nitrogen (NOx), Carbon Monoxide (CO), Sulfur Dioxide (SO_2), and Ozone (O_3) were recorded within the permissible NEQS limits during both the 3rd and 4th quarters. Ozone (O_3) was recorded as Not Detected (N.D.) at all locations. These findings indicate that the project does not contribute significantly to air quality degradation from major gaseous pollutants.

126. For Particulate Matter, the recorded concentrations show that PM2.5 levels at all locations remain within the NEQS limit of 75 µg/m³. PM2.5 ranged from 42 to 46 µg/m³ in the 3rd Quarter and 43 to 47 µg/m³ in the 4th Quarter. Similarly, PM10 concentrations ranged from 89 to 93 µg/m³ in the 3rd Quarter and 89 to 95 µg/m³ in the 4th Quarter, remaining well within the NEQS limit of 150 µg/m³. Solid Particulate Matter (SPM) ranged from 251 to 259 µg/m³ in the 3rd Quarter and 253 to 261 µg/m³ in the 4th Quarter, which is also within the NEQS limit of 500 µg/m³.

127. Although all particulate concentrations comply with national standards, PM2.5 levels indicate moderate particulate presence when assessed against stricter international health-based guidelines. Slight variations between quarters are minor and remain within permissible limits. Elevated particulate levels are mainly attributed to

construction-related activities such as excavation, vehicle movement, and material handling. Dry weather conditions and dust resuspension may also contribute to increased particulate concentrations.

128. In conclusion, ambient air quality monitoring around the project area shows full compliance with NEQS standards during the 3rd and 4th quarters. Gaseous pollutants remain well within permissible limits, and O_3 was not detected at any location. Particulate matter levels are within regulatory limits, and overall results indicate that the project is not contributing significantly to deterioration of ambient air quality. Continued monitoring and effective dust control measures are recommended to maintain environmental and public health safety.

4.8.2 Noise Monitoring

129. The twenty-four (24) hour noise level monitoring was carried out at Pashta Khan and Garambowed (PIS)Subproject site using Digital Noise level meter.

i. Test Results and Discussion

130. The following table 6-8 shows comparison of noise level monitoring results obtained during the instrumental monitoring.

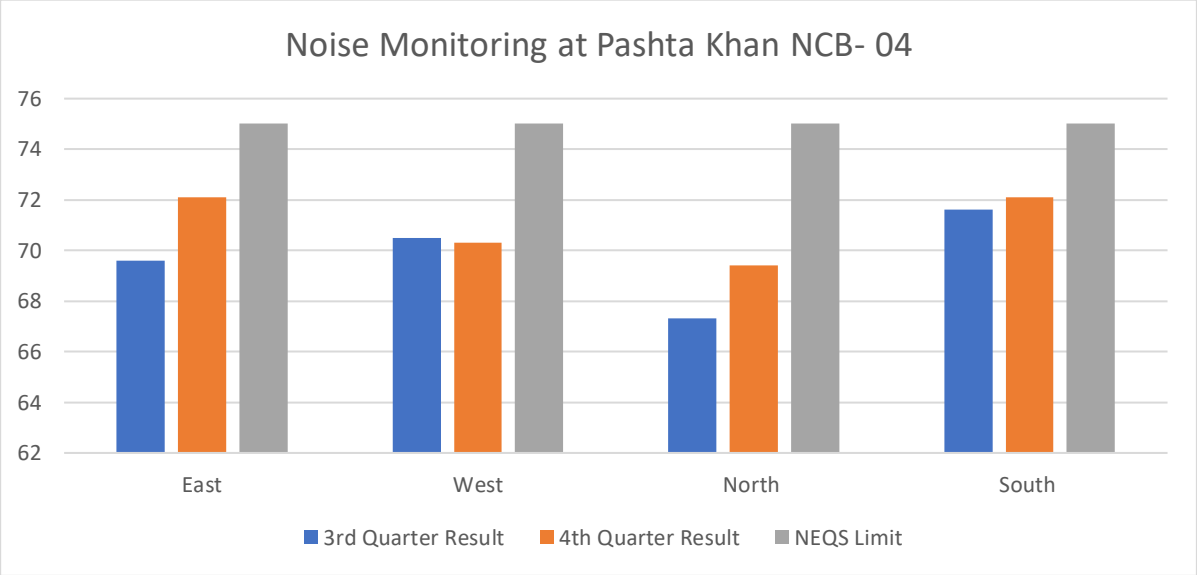


Figure 4-4: Graphical representation of Noise Monitoring at NCB-04

Table 4-7: Noise Level Test Results

S. No	Location	Methods	Unit	3rd Quarter Result	4th Quarter Result	NEQS Limit
1	East	ASTM E1686-16	db	69.6	72.1	75
2	West	ASTM E1686-16	db	70.5	70.3	75
3	North	ASTM E1686-16	db	67.3	69.4	75
4	South	ASTM E1686-16	db	71.6	72.1	75

131. The noise level monitoring at sites was carried out during day and night with the objective to assess the off working noise levels as well.

132. As evident from the results obtained, the average noise level at all intervals falls within the WHO, BEQS and NEQS limits of 65 and 75 dB set for areas. Signed copies of the results are attached as **Annexure-VI**.

4.8.3 Monitoring of Drinking and Waste Water Quality

i. Methodology

133. During the reporting period, drinking water and waste water quality of the Construction site was monitored for the agreed parameters given in the SSEMP. High density sterilized polyethylene bottles were used for the sampling. The collected samples were preserved, sealed and chilled at 4°C as recommended. The grab method was used for sampling and preservation of water whereas.

ii. Drinking Water Test Results and Discussion

134. The drinking water demand is being met from a bore hole dug out at the construction site. At the first instance, water is pumped to elevated storage tank from where it is supplied to the consumer points through a pipe network.

135. The drinking water quality results indicate overall compliance with NEQS standards and general alignment with WHO guidelines. Microbial contamination remains minimal, with non-detectable levels of Total Coliform, E. Coli, and Fecal Coliform in both monitoring quarters. Total Bacteria Count was recorded at 14 count/ml in the 3rd monitoring and 17 count/ml in the 4th monitoring; however, no pathogenic contamination was detected. Cyanide was also not detected.

136. Physicochemical parameters remain within permissible limits. The pH values (7.14 and 7.24) fall within the acceptable range (6.5–8.5). Turbidity was below detectable limits (BDL), and Colour (<7 TCU) remained well within the prescribed standard of <15 TCU. Taste and odour were reported as non-objectionable.

137. Key chemical parameters including Total Dissolved Solids (294–296 mg/L), Fluoride (1.1–1.2 mg/L), Chloride (76.2–76.7 mg/L), Nitrate (0.16–0.19 mg/L), Nitrite (0.7–0.9 mg/L), Calcium (77–81 mg/L), Magnesium (81 mg/L in 4th monitoring), Sodium Chloride (ND–9 mg/L), and Potassium (ND–9 mg/L) were recorded within NEQS limits.

138. Trace metals such as Copper (<0.05–<0.09 mg/L), Aluminum (0.05–0.08 mg/L), Barium (0.07 mg/L), and Zinc (1.6–1.7 mg/L) were present in low concentrations within permissible limits. Hazardous metals including Arsenic, Antimony, Mercury, Lead, Selenium, Nickel, Manganese, and Boron were not detected in both monitoring periods. Phenolic compounds remained below the allowable limit (<0.02 mg/L). Residual Chlorine was not detected during both monitoring events.

139. These findings confirm that the drinking water quality at the monitored location is safe for consumption and does not pose any significant public health risk. Continued periodic monitoring is recommended to ensure sustained compliance with regulatory

standards. A comparison of current and previous results is presented in Table 4-10. Signed copies of the results are attached as **Annexure-VI**.

Table 4-8: Drinking Water Quality (Camp Area) Report

Sr. No.	Parameter	Units	Testing Method	NEQS Limits	3rd Monitoring Results	4th Monitoring Results	Remarks
1	Total Bacteria Count	TBC (count/ml)	Total Viable Count	—	14	17	WL
2	Total Coliform	TC (count/ml)	APHA 922 B	0/100 ml	Nil	Nil	WL
3	E-Coli	E (count/ml)	Total Viable Count	0/100 ml	Nil	Nil	WL
4	Fecal Coli	F (count/ml)	APHA 922 B	0/100 ml	Nil	Nil	WL
5	pH @25°C	pH	ASTM D-1293	6.5–8.5	7.14	7.24	WL
6	Taste & Odour	—	Sensory Evaluation	Non-Objectionable	Non-Objectionable	Non-Objectionable	WL
7	Magnesium	Mg (mg/L)	ASTM D-1126	<500	Non-Objectionable	81	WL
8	Colour	TCU	Pt-Co Method	<15 TCU	<7	<7	WL
9	Total Dissolved Solids	TDS (mg/L)	APHA 2540-C	<1000	294	296	WL
10	Fluoride	F (mg/L)	Lovibond Method	1.5	1.1	1.2	WL
11	Chloride	Cl (mg/L)	ASTM D-512	250	76.2	76.7	WL
12	Turbidity	NTU	Lovibond Method	<5	BDL	BDL	WL
13	Calcium	Ca (mg/L)	ASTM D-1126	<500	77	81	WL
14	Nitrate	NO_3 (mg/L)	Lovibond Chromotropic	0.50	0.16	0.19	WL
15	Nitrite	NO_2 (mg/L)	Lovibond NED Method	3	0.7	0.9	WL
16	Sodium Chloride	NaCl (mg/L)	Titration Method	200	ND	9	WL
17	Copper	Cu (mg/L)	Lovibond Method	2	<0.05	<0.09	WL
18	Manganese	Mn (mg/L)	Lovibond PAN	0.5	ND	ND	WL

Sr. No.	Parameter	Units	Testing Method	NEQS Limits	3rd Monitoring Results	4th Monitoring Results	Remarks
19	Boron	B (mg/L)	Lovibond Azomethine	0.3	ND	ND	WL
20	Aluminum	Al (mg/L)	ASTM D-857	0.2	0.05	0.08	WL
21	Nickel	Ni (mg/L)	Lovibond DMG	0.02	ND	ND	WL
22	Selenium	Se (mg/L)	APHA 4500	0.01	ND	ND	WL
23	Residual Chlorine	Cl_2 (mg/L)	Lovibond DPD	—	ND	ND	WL
24	Antimony	Sb (mg/L)	APHA 3111	0.02	ND	ND	WL
25	Barium	Ba (mg/L)	ASTM D-3651	0.7	0.07	0.07	WL
26	Potassium	K (mg/L)	Flame Photometry	200	ND	9	WL
27	Cyanide	CN (mg/L)	APHA 4500	0.07	ND	ND	WL
28	Mercury	Hg (mg/L)	Kit Method	0.001	ND	ND	WL
29	Lead	Pb (mg/L)	ASTM D-3559	0.01	ND	ND	WL
30	Phenolic Compounds	Phol (mg/L)	ASTM D-1783	0.02	<0.02	<0.02	WL
31	Arsenic	As (mg/L)	Merck Kit	0.01	ND	ND	WL
32	Zinc	Zn (mg/L)	Lovibond Method	3	1.6	1.7	WL

Note:
BEQS= Baluchistan Environmental Quality Standards
NEQS= National Environmental Quality Standards
WHO= World Health Organization Limits
WL= Within Limit

4.9 Waste Management

140. There is no workshop area, washing yard, or batching plant at the project site. Therefore, no bulk waste is produced from this site. The burning of solid waste at the workplace is strictly prohibited. Waste material is disposed of in the waste yard in a safe condition, ensuring that it does not block access for other users and people.

a. Kitchen and General/Domestic Waste

141. This type of waste has been generated from the construction camp site, offices of the project. The utilities setup at the camp was inadequate. Additionally, the kitchen's hygiene conditions were poor. Housekeeping was also neglected, with waste and debris left unmanaged.

b. Hazardous Waste – Medical Waste and Oily Waste

142. Medical waste is generated from the site's first aid facilities, while oily empty drums are generated from construction activities. The medical waste generated from the project site is collected at one designated location and sent to an incinerator for safe disposal. Other hazardous waste is transported to disposal sites using a designated vehicles. Additionally, hazardous waste such as oily drums is kept at the project site until they become completely dry. Subsequently, these dry drums are sold to third-party junk dealers.

Table 4-9- Solid Waste generated at sub-project sites are as under

Sr. #	Name of Sub-Project	Solid Waste generated in Kilograms/day	Types of Waste	Remarks
1	**Pashta Khan and Garambowad Perennial Irrigation Sub Project (NCB-4)**	0.62 Kg/day	Plastic Waste	Stored at designated area in the camp and then auctioned through approved procedure
2		0	Used Tyres	Stored in junk yard for auction
3		12.3 ltr/day	Used Engine Oil	Stored in barrels Used for Shuttering lubrication
4		0.22 Kg/day	Biodegradable waste (Vegetables, Food etc.)	Landfill
5		0	Medical Waste	No medical waste produced at NCB-04 in the month during this period. Medical wastes incinerated 1 km away from camp site

4.10 HEALTH AND SAFETY

Community Health and Safety

143. During the reporting period, the Contractor took the utmost care for community health and safety. There have been no significant traffic activities initiated during this duration of the project. Only material supply vehicles are being used at the site for shifting materials. The project site is located near office buildings, and no heavy machinery is involved. No incidents related to community health and safety have occurred during the current reporting period.

Worker Safety and Health

144. First aid medical facilities are being provided by the contractor at the site. There were no caution tapes or safety signboards on-site, increasing the risk of accidents due to the lack of proper warnings. Proper supervision and monitoring of excavation and

compaction activities during the construction phase are carried out in compliance with the Health and Safety requirements as per standard specifications outlined in the EMP and in the Contract. No incidents related to the workers' health and safety have occurred during the current reporting period.

4.10.1 Training

145. The Contractor maintains a strong working relationship with the Consultants' environmental staff. Regular training and awareness campaigns at the Contractor's Camp and work sites keep workers informed about site-specific risks and emergency preparedness. Training pictures and attendance sheets have been attached as **Annexure III**.

146. In the reported month of January to June 2025, the following trainings had been conducted as mentioned in Table 4-12.

Table 4-10: Details of Health and Safety Trainings on Site.

S. No	Name of Sub-Project	Topic	Date
1	NCB-04 Project site	Personal Protective Equipment's (PPEs)	21-7-2025
2		Use PPEs and speed limit during work	14-8-2025
3		Fire Extinguisher	21-09-2025
4		Soil Erosion	21-10-2025
5		Protection of natural resources during excavations	09-11-2025
6		Dust Pollution	17-12-2025

4.11 FUNCTIONING OF THE SSEMP

4.12 GOOD PRACTICE AND OPPORTUNITY FOR IMPROVEMENT

147. The Contractor at the Pashta Khan and Garambowad Perennial Irrigation Subproject (NCB-04) demonstrated partial compliance with Environmental, Health, and Safety (EHS) standards at both the construction site and labor camp.

- Workers were generally observed using required PPE, including safety helmets, gloves, and reflective vests, reflecting an effort toward compliance with occupational safety protocols.
- Fire extinguishers and first aid boxes were available on-site, contributing to emergency preparedness.
- Safety signboards and barricading were installed in selected areas to restrict unauthorized access and enhance hazard awareness.
- Water sprinkling was carried out in active work zones to control dust emissions.
- Quarterly instrumental environmental monitoring was conducted during the reporting period.
- The Contractor maintained coordination with the Consultants' environmental staff, and regular training sessions and awareness campaigns were conducted at the camp and work sites to enhance worker awareness of site-specific risks and emergency response procedures.

4.13 OPPORTUNITIES FOR IMPROVEMENT

148. Despite the observed good practices, the following areas require immediate corrective action to ensure comprehensive compliance with EHS requirements:

- Instances of workers performing duties without mandatory PPE indicate weak enforcement. Strict supervision, regular inspections, and disciplinary measures are required to ensure 100% compliance.
- The absence of safety harnesses for personnel working at height presents a serious fall hazard. Certified fall protection systems must be provided and strictly enforced.
- Safety signboards were either missing or insufficient in certain areas. Adequate warning and informational signage must be installed across all active and hazardous zones.
- Caution tapes and proper barricading were not installed around excavated areas, increasing accident risks. Immediate installation of barricades and warning tapes is required.
- Continuous monitoring and internal EHS audits should be conducted to prevent recurrence of non-compliances and ensure sustained adherence to SSEMP and EMP provisions.

149. Addressing these gaps will significantly enhance worker safety, environmental compliance, and overall project performance.

5 DESCRIPTION OF MANYALO RAIKO & RIND ALI (PIS) SUBPROJECT, MULA RIVER BASIN(NCB-07)

5.1 PROJECT DESCRIPTION

150. The sub-project is situated in Khuzdar district, approximately 50 km northeast of Khuzdar. Manyalo and Raiko are located on the right bank of the river, while Rind Ali is situated on the left bank. Access to the sub-project site from Khuzdar is through the M-8 motorway, which connects to a dirt road crossing the Mula River Basin boundary on the northeast side of M-8. The main components of the sub-projects include (i) a weir structure on the Mula River with four channels: the Left Main Channel of Manyalo, Manyalo Right Channel, Rind Ali Channel , and Raiko Channel. (ii) The construction of hydraulic structures, including Time Division Structures/Flow Division structures, Fall Structures, Sump, Culverts, Aqueducts, Syphons, Super Passages, and Flood Protection Bunds. (iii) The construction of social structures and command area development in the sub-project area.

151. Project Layout is shown in Figure 5-1.

SALIENT FEATURES:

- Total Revised Cost Rs. 971.417 (Rs. Million)
- Total Command Area 678 hector
- Left Main Channel of Manyalo 7,110 Meter
- Manyalo Right Channel Length 9,263 Meter
- Rind Ali Channel Length 4,370 Meter
- Raiko Channel Length 5,800 Meter

PROJECT PROGRESS:

- Overall Target: 100.00%
- Physical Progress: 32.00%
- Financial Progress: 24.42%

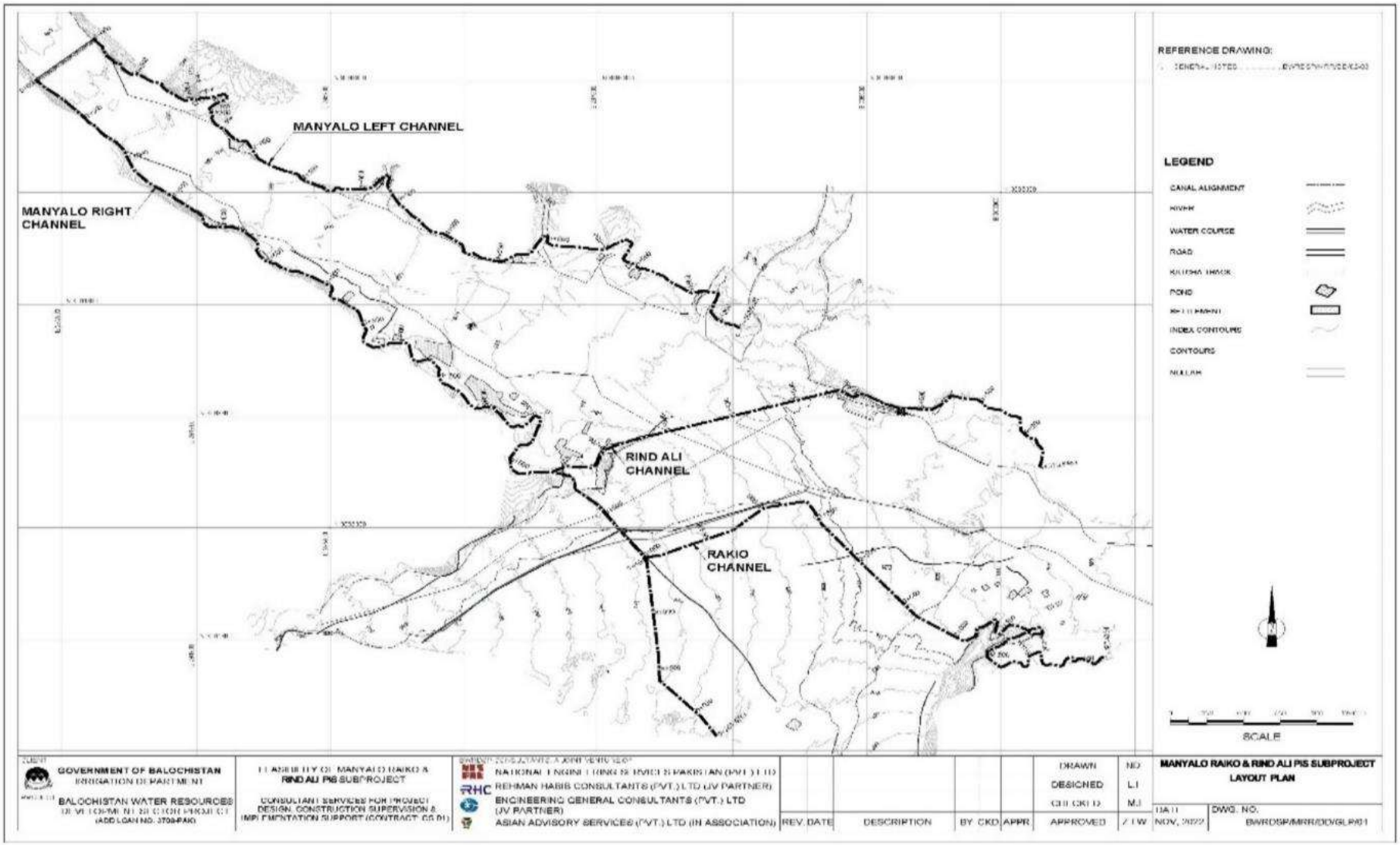


Figure 5-1: Layout Map

5.2 ACTIVITIES DURING CURRENT REPORTING PERIOD

152. An overview of the current progress for various activities under the Killi Sardar Akhtar Perennial Irrigation Subproject (NCB-07) is provided in Table 5-1 below. It outlines the completion percentages of key construction tasks, reflecting the status of each activity as the project advances

Table 5-1: Manyalo Raiko & Rind Ali (Pis) Subproject (NCB-07) works progress

Sr. No	Activity	Status %
1	Weir	45%
2	Bund 1	75%
3	Stone pitching on level	0 %
4	Manyalo Channel	25%
5	Earthwork of FP Bund	70%
6	Excavation in channels	45%
7	Bund 2	0%
8	Bund 3	0%
9	Water stopper	0%
10	Steel	52%
11	Rind Ali Channel	0%

Construction Material

153. For the construction activities, borrow areas have been selected for the extraction of materials, which have already been approved by the Engineer. The contractor has prepared a Borrow Area Management Plan that pertains to the measures incorporated during the identification of borrow area locations, material extraction, and rehabilitation.

154. Major construction materials used at NCB-07 include reinforced steel, cement, sand and aggregates supplied form the approved sources as mentioned in the SSEMP. Sources of construction materials are listed below. The details for types of construction material used and their sources for the time period June to December, 2025 are mentioned in Table 5-2.

Table 5-2- Detail of material and sources of Siri Toi Dam sub-project NCB-06

Sr. No.	Name of Material	Source of Material	Quantities Used					
			Jul, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025
1	Cement	DG Khan, Power and Falcon cement (Bags)	6000	3000	3000	3000	2700	2800
2	Steel	Amrely, Agha and HTC Steel (Tone)	21	20	26	24	19	19
3	Sand	Wadh (cft)	29800	22500	16800	17600	18500	19300
4	Aggregate	Local (cft)	34624	31820	32624	32624	31820	29920

Human Resources

155. As part of its responsibilities, the contractor should prioritize hiring local staff, including both skilled and unskilled labor. This approach ensures that people living near the

project area benefit financially, helping to address unemployment and improve their socio-economic status. The contractor has prioritized local hires based on availability and capability.The details for categories of Employees both Skilled and Unskilled are mentioned in Table 5-3.

Table 5-3- Manpower Technical/skilled/ unskilled staff details

Designation	Number					
	Jul, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025
Project Manager	1	1	1	1	1	1
Chief Surveyor/Quantity Surveyor	1	1	1	1	1	1
Surveyor	3	3	3	3	3	3
Surveyor Helper	2	2	2	2	2	2
HSE Supervisor and ENV Engr	1	1	1	1	1	1
General Forman	2	2	2	2	2	2
Material Engineer	1	1	1	1	1	1
Lab Technician	1	1	1	1	1	1
Lab Helper	1	1	1	1	1	1
AutoCAD Operator	1	1	1	1	1	1
Accountant	1	1	1	1	1	1
Storekeeper	1	1	1	1	1	1
Procurement Officer	1	1	1	1	1	1
Supervisor	3	3	3	3	3	3
Mechanic	1	1	1	1	1	1
Auto Electrician	1	1	1	1	1	1
Batching Plant Operator	1	1	1	1	1	1
Batching Plant Helper	1	1	1	1	1	1
Crush Plant Operator	1	1	1	1	1	1
Crush Plant Helper	1	1	1	1	1	1
Heavy Machinery Operator	6	6	6	6	6	6
Heavy Machinery Helper	6	6	6	6	6	6
Diesel Store	1	1	1	1	1	1
Security Guard	7	7	7	7	7	7
Cook	2	2	2	2	2	2
Cook Helper	1	1	1	1	1	1
Labor	2	2	2	2	2	2
Total	**51**	**51**	**51**	**51**	**51**	**51**

Equipment Machinery

156. The contractor is required to use heavy machinery to ensure the timely completion of the project. Proper maintenance of this machinery is crucial for both effective results and the safety of workers nearby. Experts and supervisors of NCB-07 perform daily inspections of the machinery before and after use. The equipment is also cleaned daily and maintained by assigned operators. Details of the heavy machinery in use on-site

are documented.The details for Heavy Machinery working on site are mentioned in Table 5-4.

Table 5-4: List of Machinery/Equipment's

Name of Machine	Number					
	Jul, 2025	Aug, 2025	Sep, 2025	Oct, 2025	Nov, 2025	Dec, 2025
Grader	1	1	1	1	1	1
Vib Roller	1	1	1	1	1	1
Dumper	5	5	5	5	5	5
Excavator	6	6	6	6	6	6
Crane	1	1	1	1	1	1
Loader	2	2	2	2	2	2
Water Bowser	3	3	3	3	3	3
Vibrator	6	6	6	6	6	6
Batching Plant	1	1	1	1	1	1
Heavy Generator	1	1	1	1	1	1
Light Generator	2	2	2	2	2	2
Lite Vehicle	6	6	6	6	6	6
Transit Mixer	2	2	2	2	2	2
Hand Mixer	1	1	1	1	1	1
Water Pump	4	4	4	4	4	4
Tractor Blade	1	1	1	1	1	1
Tractor Tralli	1	1	1	1	1	1
Tractor Water Tank	1	1	1	1	1	1
Diesel Tank	1	1	1	1	1	1
Total	**46**	**46**	**46**	**46**	**46**	**46**

5.3 DESCRIPTION OF ANY CHANGES IN NCB-07 DESIGN

157. During the reporting period, no changes were made in the design of NCB-07.

5.4 DESCRIPTION OF ANY CHANGES TO AGREED CONSTRUCTION METHODS

158. The construction activities at various sections of Site are in progress in accordance with the Engineer's approved methodology and specifications

Figure 5-2: On going Construction activities at NCB-07

5.5 ENVIRONMENTAL SAFEGUARD ACTIVITIES

5.5.1 General Description of Environmental Safeguard Activities

159. During the reporting period, the Contractor carried out several construction activities under the subproject. Work on Bund 1 progressed with the completion of 17 layers along the stretch from RD 0+000 to RD 3+944.34. In addition, construction of the weir advanced with 2,000 cubic meters of work completed near RD 0+01670+450. Channel works also progressed, with 50 meters completed on the Manyalo Channel.
160. The open-dug channels have been properly barricaded to prevent unauthorized access and ensure worker safety.
161. Water sprinkling was carried out regularly to control dust and improve air quality.
162. Dustbins were provided at the campsite to facilitate proper waste disposal and maintain cleanliness.
163. Medical facilities were available at the camp to provide emergency healthcare support.
164. Fire extinguishers were strategically placed at the camp site to ensure fire safety preparedness.
165. Toolbox talks and staff induction sessions are recommended to be conducted more frequently to reinforce safety awareness. Additionally, trucks carrying construction materials should be covered with tarpaulin sheets to minimize dust pollution.
166. Washrooms should be adequately equipped and maintained to ensure hygienic conditions.
167. During the site inspection, significant non-compliances with occupational health and safety requirements were observed. Workers were found performing their duties without wearing the required Personal Protective Equipment (PPE), exposing them to potential injuries and workplace hazards. Furthermore, safety signboards and caution tapes were not installed at the site, particularly around active and hazardous areas, increasing the risk of accidents and unauthorized access. These deficiencies indicate inadequate implementation of safety protocols and require immediate corrective measures.

168. Quarterly environmental monitoring at designated locations along the spillway were conducted at quarterly basis during the reporting period. The findings and analysis are detailed in a section 5.8 of the report.

5.5.2 Corrective Action Plans (CAPs):

169. During the reporting period, the Environment Specialist of PIC/SC conducted regular visits and monitored the project for the implementation of the Environmental Management Plan (EMP). As a result of these visits, Corrective Action Plans (CAPs) have been prepared for EMP non-compliance. The details of these CAPs are provided in the Table **5-5** below.

Table 5-5: Manyalo Raiko & Rind Ali (Pis) Subproject, Mula River Basin(Ncb-07) - Corrective Action Plan CAP.

Sr. No	EMP Observations	Corrective Measures	Implementing Responsibility	Monitoring Responsibility	Timeline	Updated Status Closed/open
1	Workers performing	Ensure all workers wear	Contractor	CSC	Immediately (20 Dec	Open

Sr. No	EMP Observations	Corrective Measures	Implementing Responsibility	Monitoring Responsibility	Timeline	Updated Status Closed/open
	tasks without wearing required Personal Protective Equipment (PPE)	the mandatory PPE, including helmets, gloves, vests, and safety shoes; conduct regular inspections and enforce compliance			2025)	
2	No safety signboards installed at the site	Install adequate safety and warning signboards at all critical and hazardous locations	Contractor	CSC	Within 7 days (27 Dec 2025)	Open
3	No caution tapes installed around active and hazardous areas	Install caution tapes and proper barricading around all active excavation and hazard zones to prevent unauthorized access	Contractor	CSC	Immediately (20 December 2025)	Open

5.5.3 Issues Tracking (Based on Non-Conformance Notices) .

170. During the site inspection, significant non-compliances with occupational health and safety requirements were observed. Workers were performing tasks without wearing the required Personal Protective Equipment (PPE), thereby exposing themselves to potential injuries and workplace hazards. Moreover, safety signboards were not installed at the site to warn workers and visitors of potential risks. Caution tapes were also not placed around active and hazardous areas, increasing the likelihood of accidents and unauthorized access. These deficiencies reflect inadequate enforcement of safety protocols and require immediate corrective actions to ensure compliance with approved EHS standards.

5.6 Grievance Redressal Mechanism.

171. A GRM has been established for the project. A complaint register is available inside camp to receive complaints from local community/project affected people and contractor's staff. No complaints have been registered in the time period July to December 2025.

5.7 Unanticipated Environmental Impacts or Risks.

172. During the reporting period, neither unanticipated environmental impacts were observed nor reported by the Contractor.

5.8 MONITORING OF AIR, NOISE AND WATER AT MANYALO RAIKO & RIND ALi (PIS) SUBPROJECT(NCB-07)

5.8.1 Ambient Air Monitoring

i. Methodology and Instrument Used

173. Ambient air quality monitoring was carried out for the assessment of parameters (NO, NO2, SO2, CO, O3, SPM, PM10, PM2.5, etc). The Air Quality Monitoring Station (AQMS-09), employed for PM10 & PM2.5, is a fully integrated air monitoring station that delivers 'near reference levels' of performance parameters. With a size of large suitcase, it can measure up to 20 different gaseous and particulate pollutants and environmental parameters simultaneously. The AQMS 09 offers optimal balance between performance and measuring criteria pollutants.

ii. Test Results and Discussion

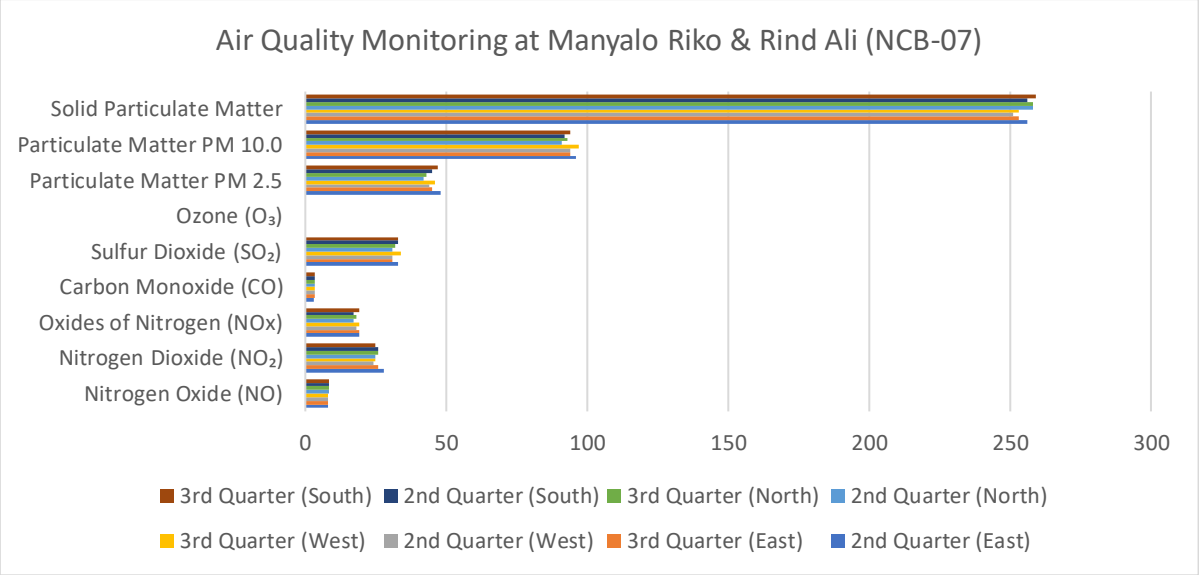


Figure 5-3: Graphical representation of Ambient Air Quality at NCB-07

174. The contractor has performed quarterly monitoring at the sub-project sites and all the results are within the permissible limits and compliance with the BEQS, NEQS and WHO standards. are shown as in Figure 4-3 and Table 5-7. Signed copies of the results are attached as **Annexure-VI**.

Table 5-6: Ambient Air Quality Monitoring Test Results

S. No.	Measuring Parameter	Units	NEQS Limits	3rd Quarter Results	4th Quarter Results	Test Remarks
South						
1	Nitrogen Oxide (NO)	µg/m³	40	8.2	8.1	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	28	26	WL
3	Oxides of Nitrogen (NOx)	µg/m³	120	19	19	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.1	3.2	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	33	31	WL
6	Ozone (O_3)	µg/m³	130	ND	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	48	45	WL
8	Particulate Matter PM 10.0	µg/m³	150	96	94	WL
9	Solid Particulate Matter	µg/m³	500	256	253	WL
North						
1	Nitrogen Oxide (NO)	µg/m³	40	8.1	8.2	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	24	25	WL
3	Oxides of Nitrogen (NOx)	µg/m³	120	18	19	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.2	3.3	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	31	34	WL
6	Ozone (O_3)	µg/m³	130	ND	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	44	46	WL
8	Particulate Matter PM 10.0	µg/m³	150	94	97	WL
9	Solid Particulate Matter	µg/m³	500	251	253	WL
East						
1	Nitrogen Oxide (NO)	µg/m³	40	8.3	8.3	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	25	26	WL
3	Oxides of Nitrogen (NOx)	µg/m³	120	17	18	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.3	3.3	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	31	32	WL
6	Ozone (O_3)	µg/m³	130	ND	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	42	43	WL

S. No.	Measuring Parameter	Units	NEQS Limits	3rd Quarter Results	4th Quarter Results	Test Remarks
8	Particulate Matter PM 10.0	µg/m³	150	91	93	WL
9	Solid Particulate Matter	µg/m³	500	258	258	WL
West						
1	Nitrogen Oxide (NO)	µg/m³	40	8.4	8.3	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	26	25	WL
3	Oxides of Nitrogen (NOx)	µg/m³	120	17	19	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.3	3.4	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	33	33	WL
6	Ozone (O_3)	µg/m³	130	ND	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	45	47	WL
8	Particulate Matter PM 10.0	µg/m³	150	92	94	WL
9	Solid Particulate Matter	µg/m³	500	256	259	WL

175. Monitoring data from all four project zones (South, North, East, and West) demonstrate full compliance with NEQS standards during the 3rd and 4th quarters. Key gaseous pollutants including Nitrogen Oxide (NO), Nitrogen Dioxide (NO_2), Oxides of Nitrogen (NOx), Carbon Monoxide (CO), and Sulfur Dioxide (SO_2) were recorded well within the prescribed NEQS limits at all locations. Ozone (O_3) was recorded as Not Detected (N.D.) in both monitoring periods across all zones. These findings indicate that the project activities are not contributing significantly to gaseous air pollution in the surrounding environment.

176. For Particulate Matter, the recorded concentrations show that PM2.5, PM10, and Solid Particulate Matter (SPM) remained within NEQS permissible limits at all monitoring locations. PM2.5 ranged from 42 to 48 µg/m³ during the 3rd Quarter and from 43 to 47 µg/m³ during the 4th Quarter, remaining below the NEQS limit of 75 µg/m³. PM10 concentrations ranged from 91 to 96 µg/m³ in the 3rd Quarter and from 93 to 97 µg/m³ in the 4th Quarter, well within the NEQS limit of 150 µg/m³. SPM levels ranged from 251 to 258 µg/m³ in the 3rd Quarter and from 253 to 259 µg/m³ in the 4th Quarter, remaining significantly below the NEQS limit of 500 µg/m³.

177. Although all particulate concentrations comply with national standards, PM2.5 levels indicate moderate particulate presence when compared with stricter WHO guidelines. Minor variations between the 3rd and 4th quarters are observed but remain within permissible limits. Elevated particulate levels may be attributed to construction activities, vehicle movement, material handling, and dry weather conditions causing dust resuspension.

178. In conclusion, ambient air quality monitoring results for the 3rd and 4th quarters show full compliance with NEQS standards across all project zones. Gaseous pollutants remain well below regulatory thresholds, and O_3 was not detected at any location. Particulate matter concentrations are within permissible limits, and the project does not appear to be significantly deteriorating ambient air quality. Continued routine monitoring and effective dust control measures are recommended to maintain environmental and public health safety.

5.8.2 Noise Monitoring

179. The twenty-four (24) hour noise level monitoring was carried out at Manyalo Raiko & Rind Ali (PIS) Subproject(NCB-07) site using Digital Noise level meter.

Test Results and Discussion

180. Following table 5-8 shows comparison of noise level monitoring results obtained during the instrumental monitoring.

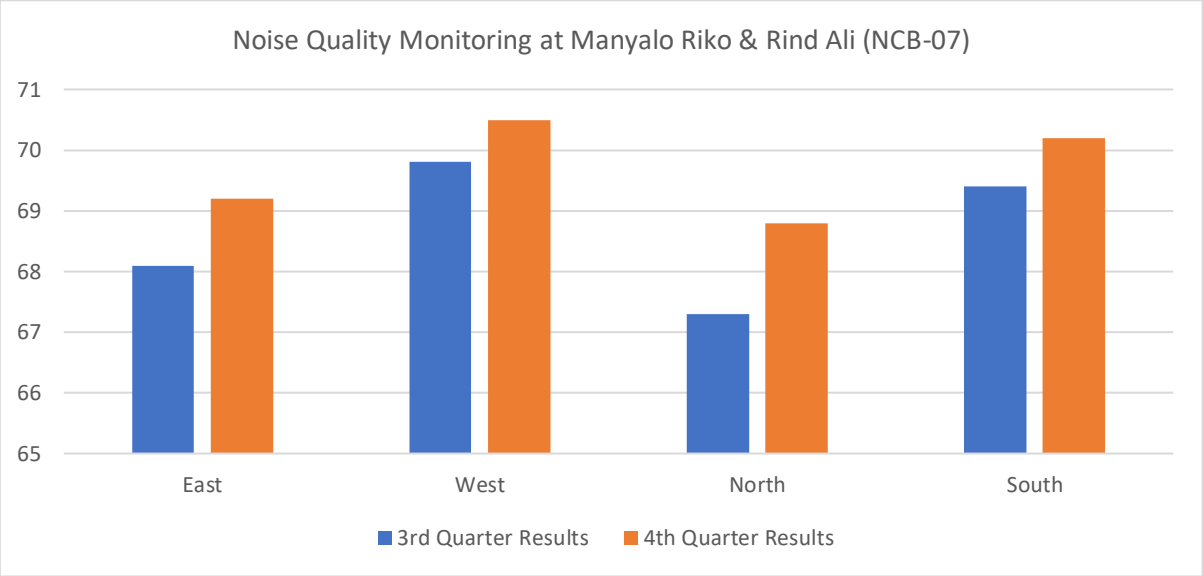


Figure 5-4: Graphical Representation of Noise Monitoring

Table 5-7: Noise Level Test Results

Sr. No	Locations	Methods	Unit	3rd Quarter Results	4th Quarter Results	WHO Limits	NEQS/BEQS Limits
1	East	ASTM E-1686-16	dB	68.1	68.1	65	75
2	West			69.8	69.8		
3	North			67.3	67.3		
4	South			69.4	69.4		

181. The noise level monitoring at sites was carried out during day and night with the objective to assess the off working noise levels as well.

182. As evident from the results obtained, the average noise level at all intervals falls within the WHO, BEQS and NEQS limits of 65 and 75 dB set for areas. Signed copies of the results are attached as **Annexure-VII**.

5.8.3 Monitoring of Drinking Water Quality

i. Methodology

183. During the reporting period, drinking water quality of the Contractor's camp was monitored for the agreed parameters given in the SSEMP. High density sterilized polyethylene bottles were used for the sampling. The collected samples were preserved, sealed and chilled at 4°C as recommended. The grab method is used for sampling and preservation of water whereas.

ii. Drinking Water Discussion

184. The drinking water demand is being met from a bore hole dug out at the camp. At the first instance, water is pumped to elevated storage tank from where it is supplied to the consumer points through a pipe network.

185. Following is the comparison of the results obtained at source.

186. 196. As evident from the table above, all tested parameters of the drinking water at the Contractor's camp are generally within the permissible limits set by BEQS, NEQS, and WHO standards. Microbiological indicators—including Total Bacterial Count (15–16 count/ml), Total Coliform, E-Coli, and Fecal Coliform—were not detected (Nil), indicating that the water is safe from microbial contamination.

187. Physicochemical parameters such as pH (7.16–7.24), Total Dissolved Solids (292–296 mg/L), Total Hardness as $CaCO_3$ (73–80 mg/L), Chloride (76.7–76.8 mg/L), Fluoride (1.2 mg/L), Turbidity (BDL), and Colour (<6–<7 TCU) are within acceptable limits prescribed by NEQS and WHO guidelines. Taste was reported as non-objectionable during both monitoring periods.

188. Heavy metals including Copper (<0.06–<0.19 mg/L), Aluminum (0.05–0.08 mg/L), Barium (0.06 mg/L), and Zinc (1.5–1.6 mg/L) were detected in low concentrations within permissible limits. Hazardous metals such as Lead, Mercury, Arsenic, Antimony, Nickel, Selenium, Boron, and Manganese were not detected in both monitoring quarters. Phenolic compounds remained below the allowable limit (<0.02 mg/L).

189. However, Chromium and Cadmium showed detection in the 4th Quarter results; therefore, continued monitoring is recommended to ensure concentrations remain within permissible limits and do not pose any potential health risk. Signed copies of the results are attached as Annexure-VII.

Table 5-8: Drinking Water Quality Report

S#	Parameter	Units	Testing Method	NEQS Limits	3rd Quarter Monitoring	4th Quarter Results	Remarks
1	Total Bacterial Count	TBC (count/ml)	Total Viable Count	-	15	16	WL
2	Total Coliform	TC (count/ml)	APHA 922 B	0/100 ml	Nil	Nil	WL
3	E-Coli	E coli (count/ml)	Total Viable Count	0/100 ml	Nil	Nil	WL
4	Fecal Coli	F C (count/ml)	APHA 922 B	0/100 ml	Nil	Nil	WL
5	pH @25 °C	pH	ASTM D-1293	6.5 to 8.5	7.16	7.24	WL
6	Taste	-	Sensory Evaluation	Non-Objection	Non-Objectionable	Non-objectionable	WL
7	Odour	-	Sensory Evaluation	Non-Objection	Non-Objectionable	80	WL
8	Colour	TCU	Pt-Co Method	<15 TCU	<6	< 7	WL
9	Total Dissolved Solid	mg/L	APHA 2540-C	<1000	292	296	WL
10	Fluoride	mg/L	Lovibond SPADNS Method	1.5	1.2	1.2	WL
11	Chloride	mg/L	ASTM D-512	250	76.8	76.7	WL
12	Turbidity	NTU	Lovibond Attenuated Radiation Method	<5	BDL	BDL	WL
13	Total Hardness as CaCO3	mg/L	ASTM D-1126	<500	73	80	WL
14	Nitrate	mg/L	Lovibond Chromotropic Acid	0.50	0.16	0.19	WL
15	Nitrite	mg/L	Lovibond N-(1 Naphthyl) ethylenediamine Method	3	0.7	0.9	WL
16	Chromium	mg/L	Lovibond 1,5 diphenyl-Carbohydrazide	-	ND	8	WL
17	Copper	mg/L	Lovibond Biquinoline Method	2	<0.06	< 0.19	WL
18	Manganese	mg/L	Lovibond PAN Method	0.5	ND	ND	WL
19	Boron	mg/L	Lovibond Azomethine Method	0.3	ND	ND	WL
20	Aluminum	mg/L	ASTM D-857	0.2	0.05	0.08	WL

S#	Parameter	Units	Testing Method	NEQS Limits	3rd Quarter Monitoring	4th Quarter Results	Remarks
21	Nickel	mg/L	Lovibond Dimethylglyoxime Method	0.02	ND	ND	WL
22	Selenium	mg/L	APHA 4500 Sb	0.01	ND	ND	WL
23	Residual Chlorine	mg/L	Lovibond DPD	-	ND	ND	WL
24	Antimony	mg/L	APHA 3111 Sb	0.02	ND	ND	WL
25	Barium	mg/L	ASTM D-3651	0.7	0.06	0.06	WL
26	Cadmium	mg/L	ASTM D-3557	0.003	ND	8	WL
27	Cyanide	mg/L	APHA 4500 CN	0.07	ND	ND	WL
28	Mercury	mg/L	Kit Method	0.001	ND	ND	WL
29	Lead	mg/L	ASTM D-3559	0.01	ND	ND	WL
30	Phenolic Compounds	mg/L	ASTM D-1783	0.02	<0.02	< 0.02	WL
31	Arsenic	mg/L	Merck Kit Method	0.01	ND	ND	WL
32	Zinc	mg/L	Lovibond Zinc Method	3	1.5	1.6	WL

Note:
BEQS= Baluchistan Environmental Quality Standards
NEQS= National Environmental Quality Standardse
WHO= World Health Organization Limits
WL= Within Limit

5.8.4 Monitoring of Wastewater Quality

190. The wastewater generated from the campsite complies with the NEQS permissible limits for all tested parameters during the 3rd and 4th quarters. Key physicochemical parameters including Temperature (28.4–30°C), pH (7.54–7.65), Total Dissolved Solids (1987–1995 mg/L), Total Suspended Solids (80–82 mg/L), Biological Oxygen Demand (60–61 mg/L), and Chemical Oxygen Demand (127–130 mg/L) remain within the prescribed NEQS standards.

191. Other parameters such as Oil & Grease (4.3–4.9 mg/L), Chloride (119.9–120.9 mg/L), Phenolic Compounds (0.007–0.008 mg/L), Cyanide (0.002–0.003 mg/L), Anionic Detergents (1.5–1.6 mg/L), Sulphate (129.4–130.4 mg/L), Sulfide (0.01 mg/L), Ammonia (0.47–0.48 mg/L), and Turbidity (45 mg/L) were also recorded well within allowable limits. Fluoride and Silver were not detected during both monitoring periods.

192. Heavy metals including Cadmium (ND), Chromium (0.65–0.66 mg/L), Copper (0.28–0.29 mg/L), Lead (0.096 mg/L), Mercury (0.001 mg/L), Selenium (0.057–0.058 mg/L), Nickel (0.09 mg/L), Zinc (1.8 mg/L), Arsenic (ND), Barium (0.34–0.37 mg/L), Total Iron (1.0 mg/L), Manganese (0.024–0.025 mg/L), and Boron (0.47 mg/L) were found within NEQS limits. Total Toxic Metals (0.023–0.024 mg/L) also remained significantly below

the permissible threshold. Residual Chlorine ranged from 0.06–0.07 mg/L, remaining within acceptable limits.

193. These findings confirm that the wastewater quality at the campsite meets the NEQS standards and does not pose any significant environmental risk. Continued routine monitoring is recommended to ensure sustained compliance and effective environmental management.

Table 5-9: Wastewater Quality Report

Sr. No.	Parameter	Units	Testing Method	NEQS Limits	3rd Quarter Results	4th Quarter Results	Remarks
1	Temperature @ 40°C	°C	By Calibrated Thermometer	40 ± < 3°C	30	28.4	WL
2	pH @25°C	pH	ASTM D-1293	6 to 9	7.54	7.65	WL
3	Total Dissolved Solids	TDS (mg/L)	APHA 2540-C	3500	1995	1987	WL
4	Total Suspended Solids	TSS (mg/L)	APHA 2540-D	200	80	82	WL
5	Biological Oxygen Demand	BOD_5 (mg/L)	APHA 5210	80	60	61	WL
6	Chemical Oxygen Demand	COD (mg/L)	ASTM D-1252	150	130	127	WL
7	Oil & Grease	(mg/L)	ASTM D-4281	10	4.3	4.9	WL
8	Chloride	Cl (mg/L)	ASTM D-512	1000	120.9	119.9	WL
9	Phenolic Compounds	Phol (mg/L)	ASTM D-1783	0.1	0.008	0.007	WL
10	Fluoride	F (mg/L)	APHA 4500F	10	ND	ND	WL
11	Cyanide	CN (mg/L)	APHA 4500 CN	1.0	0.002	0.003	WL
12	Anionic Detergent as (MBAS)	Det (mg/L)	ASTM D-6173	20	1.6	1.5	WL
13	Sulphate	SO_4^{2-} (mg/L)	ASTM D-516	600	129.4	130.4	WL
14	Sulfide	S^{2-} (mg/L)	APHA 4500 S^{2-}	1.0	0.01	0.01	WL
15	Ammonia	NH_3 (mg/L)	ASTM D-1426	40	0.47	0.48	WL
16	Turbidity	Tub (mg/L)	By Hach	--	45	45	WL
17	Cadmium	Cd (mg/L)	ASTM D-3557	0.1	ND	ND	WL

Sr. No.	Parameter	Units	Testing Method	NEQS Limits	3rd Quarter Results	4th Quarter Results	Remarks
18	Chromium	Cr (mg/L)	ASTM D-1687	1.0	0.66	0.65	WL
19	Copper	Cu^{2+} (mg/L)	ASTM D-1688	1.0	0.29	0.28	WL
20	Lead	Pb (mg/L)	ASTM D-3559	0.5	0.096	0.096	WL
21	Mercury	Hg^{2+} (mg/L)	APHA 3112	0.01	0.001	0.001	WL
22	Selenium	Se^{2+} (mg/L)	APHA 4500 Se	0.5	0.058	0.057	WL
23	Nickel	Ni^{2+} (mg/L)	ASTM D-1886	1.0	0.09	0.09	WL
24	Silver	Ag (mg/L)	ASTM D-3866	1.0	ND	ND	WL
25	Total Toxic Metal	TTM (mg/L)	Kit Method	2.0	0.024	0.023	WL
26	Zinc	Zn (mg/L)	ASTM D-1691	5.0	1.8	1.8	WL
27	Arsenic	As (mg/L)	APHA 3500 As	1.0	ND	ND	WL
28	Barium	Ba^{2+} (mg/L)	ASTM D-3651	1.5	0.37	0.34	WL
29	Total Iron	Fe (mg/L)	ASTM D-1068	8.0	1.0	1.0	WL
30	Manganese	Mn^{2+} (mg/L)	ASTM D-858	1.5	0.025	0.024	WL
31	Boron	B (mg/L)	ASTM D-3082	6.0	0.47	0.47	WL
32	Chlorine	Cl_2 (mg/L)	APHA 4500-C	1.0	0.07	0.06	WL

5.9 Waste Management

194. For effective general waste management, the project area has a designated temporary waste collection zone where waste is deposited. Additionally, garbage cans are strategically placed throughout the site for the daily collection of waste, which is then transferred to the designated waste area before being transported to a nearby municipal collection point. Construction waste is either used to reinforce walkways or repurposed as sub-base material for new road construction where feasible.

195. All waste collected from drums across residential, office, and construction areas is transported to disposal sites using available vehicles, such as tractor trolleys or other open rear vehicles. Currently, the Contractor does not have a formal contract with a local solid waste management company.

Type of Waste	Quantity	Disposal Mode
Plastic Waste (kg)	14.4	Stored at designated area in the camp and then auctioned through approved procedure
Used Tyres (Nos.)	0	Stored in junk yard for auction
Used Engine Oil (ltr)	304	Stored in barrels Used for Shuttering lubrication
Biodegradable waste (Vegetables, Food etc.) (Kg)	5.8	Landfill
Medical Waste (Kg)	0	No medical waste produced at NCB-07 in the month of December. Medical wastes incinerated 1 Km away from camp site

5.10 HEALTH AND SAFETY

Community Health and Safety

196. During the reporting period, the Contractor took several steps to ensure community health and safety:

- Before starting construction in any area, the Contractor held consultations with local villagers to discuss the project layout, activities, and machinery. The goal was to inform them about the project, its risks, and the safety measures in place.
- To minimize noise disturbance, no construction activities were conducted at night.
- Warning signs were posted at key locations on the construction sites.
- No incidents involving injuries to the community or project staff have occurred to date.

Worker Safety and Health

197. The open-dug channels were properly barricaded to prevent unauthorized access and ensure worker safety. Water sprinkling was carried out regularly to control dust and improve air quality, while dustbins were provided at the campsite to facilitate proper waste disposal and maintain cleanliness. Medical facilities were available at the camp to provide emergency healthcare support, and fire extinguishers were strategically placed at the campsite to ensure fire safety preparedness. Additionally, trucks carrying construction materials should be covered with tarpaulin sheets to minimize dust pollution, and washrooms should be adequately equipped and properly maintained to ensure hygienic conditions.

5.10.1 Training

198. Aside from the formal training sessions, the Contractor's Environmentalist and Site supervisors regularly hold toolbox talks before the start of work to emphasize the importance of the HSE aspect of work. Trainings and awareness campaigns are a pivotal part of the EMP. These trainings are being conducted at regular intervals in order to keep workers and the environment safe. The basic purpose of these sessions is to keep workers well aware of the different risks and hazards associated with site-specific construction activities and to make them well prepared to respond in any kind of

emergency situation. In the reported months of June to December 2025, a total of 6 trainings had been conducted as mentioned in Table 5-12. Training pictures and attendance sheets have been attached as **Annexure III**.

Table 5-10: Details of Health and Safety Trainings on Site.

S. No	Name of Sub-Project	Topic	Date
1	NCB-07 Project site	Noise and Hearing Conservation	16-7-2025
2		Uses of PPEs and speed limit during work	26-8-2025
3		Training was about Fire Extinguisher	14-09-2025
4		Soil Erosion	12-10-2025
5		Protection of natural resources duration excavations of channals	17-11-2025
6		Training was about Dust Pollution	14-12-2025

5.11 FUNCTIONING OF THE SSEMP

5.11.1 Good Practice And Opportunity For Improvement

- Water sprinkling was regularly conducted at the site to control dust and improve air quality in active work zones.
- Dustbins were provided at the campsite and throughout the project area to facilitate proper waste disposal and maintain cleanliness.
- Medical facilities, including a dispensary and first aid support, were available at the camp to provide emergency healthcare services.
- Fire extinguishers were strategically placed at the camp site to enhance fire safety preparedness.
- A designated temporary waste collection zone has been maintained, and garbage cans are positioned throughout the site for daily collection, with construction waste repurposed where feasible, ensuring effective waste management.
- Toolbox talks and induction sessions for staff were regularly conducted by the Contractor's Environmentalist and Site Supervisors, helping workers stay informed about HSE risks and emergency preparedness.
- • Quarterly environmental monitoring was conducted at designated locations at site.

5.11.2 Opportunities for Improvement

199. PPE Compliance: During site inspections, workers were observed performing tasks without wearing the required Personal Protective Equipment (PPE), exposing them to potential injuries. Strict enforcement of PPE usage is required through monitoring, training, and supervision.

200. Safety Signage and Barricading: Safety signboards and caution tapes were not installed around active and hazardous areas, increasing the risk of accidents and unauthorized access. Immediate installation and proper maintenance are necessary.

201. Addressing these areas will strengthen compliance with EHS standards, improve worker safety and hygiene, and enhance overall environmental performance of the project.

ANNEXURES

Annexure I: Weekly Environmental Monitoring Checklist

Construction of Siri Toi Dam Sub Project ICB-01

Annexure 3: Weekly Monitoring Checklist

Project Name: Siri Toi Dam Package # ICB-01
Monitoring Location: Transport Route Date: 02/07/25

Weekly Monitoring Check List

Description	Status	Comments
A- Physical Condition		
1- Soil Conditions		
Is any soil erosion observed?	☐ Yes ☑ No	
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	☑ Yes ☐ No	
Have the area along the access road been visually monitored and show any sign of soil erosion?	☐ Yes ☑ No	
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	☑ Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area ?	☐ Yes ☑ No	
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage ?	☐ Yes ☑ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑ Yes ☐ No	
Are the spilled oil or fuel and used clean up material being disposed of properly ?	☐ Yes ☑ No	
Are the spills and leak thoroughly cleaned?	☑ Yes ☐ No	
3- Waste Material		
Is waste being stored temporarily on camp & sites within the designated area?	☑ Yes ☐ No	
Is any type of solid waste is being disposed of in the fields?	☐ Yes ☑ No	
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	
4- Traffic Management		
Are the existing routes being used to access the project area?	☑ Yes ☐ No	
Are the number of routes kept to a minimum?	☑ Yes ☐ No	
Are shortcuts been used?	☐ Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?	☑ Yes ☐ No	
Are pressure horns being used?	☐ Yes ☑ No	
5- Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑ Yes ☐ No	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	☑ Yes ☐ No	
Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	☑ Yes ☐ No	
6- Camp Site		
Are the generator in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp	☐ Yes ☑ No	

Contractor Environmentalist: PIC Environmentalist:

Additional Comments:

Weekly Monitoring Check List

Project Name: Siri toi Dam Package # ICB-01.

Monitoring Location: Dike Date: 16/7/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	NO
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	NO
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	NO
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	NO

Contractor HSEO: Consultant HSEO:

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Weekly Monitoring Check List

Project Name: Sisi Toi Dam. Package # ICB#01

Monitoring Location: RBC Date: 23/7/2025

Description	Status Yes	Status No
1- Soil Conditions		
Is there soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the [illegible] been used to access the project area?	✓	
Are the [illegible] of water kept in [illegible]?	✓	
Are [illegible] being used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain [illegible] level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: [signature] Consultant HSEO: [signature]

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Weekly Monitoring Check List

Project Name: Siri Toi Dam Package # ICB401

Monitoring Location: Camp Area Date: 31/7/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: Consultant HSEO:

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Weekly Monitoring Check List

Project Name: Siazi Toi Dam Package # ICB # 01

Monitoring Location: Spillway Date: 8/8/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: Consultant HSEO:

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Weekly Monitoring Check List

Project Name: Siri Tal Dam Package # ICB#1

Monitoring Location: Dyke. Date: 15.8.2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?	✓	
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?	·	✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: Consultant HSEO:

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Weekly Monitoring Check List

Project Name: Siri Toi Dam Package # ICB#01

Monitoring Location: RBC / LBC Date: 22/8/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?		✓
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?		✓
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?		✓
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?	✓	
Are pressure horns being used?		✓
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp		✓

Contractor HSEO: Consultant HSEO:

1

Weekly Monitoring Check List

Project Name: Sisi Toi Dam Package # ICB#01

Monitoring Location: RBC/LBC Date: 30/8/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: Consultant HSEO:

1

Weekly Monitoring Check List

Project Name: Sirt Toi Dam Package # ICB#04

Monitoring Location: Spillway Date: 7/8/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: Consultant HSEO:

1

BWRDSP

NOOR UL HAQ & BROTHERS

Weekly Monitoring Check List

Project Name: Siri Toi Dam **Package #** ICB401

Monitoring Location: LBC-RBC **Date:** 14/9/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** _____

1

Weekly Monitoring Check List

NOOR UL HAQ & BROTHERS

00011

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Camp Area **Date:** 22.9.2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** _____

1

NOOR UL HAQ & BROTHERS

Weekly Monitoring Check List

00011

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Camp area **Date:** 30/9/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?		
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?	~~✓~~	✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** For (TE)

1

Weekly Monitoring Check List

00011

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Dyke **Date:** 08/10/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?		
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	Not regular
Is any type of solid waste is being disposed of in the fields?	✓	✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	✓
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** For (S.E)

1

Weekly Monitoring Check List

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Main Dam **Date:** 15/10/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	Not Required
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?		✓
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?	✓	
Are pressure horns being used?		✓
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** For _____ T.E

1

Weekly Monitoring Check List

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Camp Area **Date:** 22/01/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?		✓
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?	✓	
Are pressure horns being used?		✓
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** _____ T.E

1

Weekly Monitoring Check List

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Spillway **Date:** 30/01/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?	✓	
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	✗
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	✓
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** For. _____ P.E

1

Weekly Monitoring Check List

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Camp area **Date:** 07/11/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** _____

1

Weekly Monitoring Check List

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Main Dam **Date:** 15/11/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?		✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** _____

1

Weekly Monitoring Check List

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Camp Area **Date:** 22/01/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?		✓
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?	✓	
Are pressure horns being used?		✓
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** _____ T.E

1

Weekly Monitoring Check List

Project Name: SIRI TOI DAM Package # ICB # 01

Monitoring Location: Camp area Date: 30/11/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	✓
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: Consultant HSEO: For P.E

1

NOOR UL HAQ & BROTHERS

Weekly Monitoring Check List

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Camp Area **Date:** 08/12/2025

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?		✓
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?	✓	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?		✓
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?	✓	
Are pressure horns being used?		✓
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp	✓	

Contractor HSEO: _____ **Consultant HSEO:** For _____

1

Weekly Monitoring Check List

Project Name: SIRI TOI DAM **Package #** ICB # 01

Monitoring Location: Main Dam **Date:** 6/12/25

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?	✓	
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?		✓
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?	✓	
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?		✓
Are pressure horns being used?	✓	
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	/	✓
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp		✓

Contractor HSEO: _____ **Consultant HSEO:** _____

1

Weekly Monitoring Check List

NOOR UL HAQ & BROTHERS

Project Name: SIRI TOI DAM Package # ICB # 01

Monitoring Location: RBC Date: 23/12/25

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?	✓	
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?		✓
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?	.	✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?		✓
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?	✓	
Are pressure horns being used?		✓
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp		✓

Contractor HSEO: _____ Consultant HSEO: _____

1

Weekly Monitoring Check List

NOOR UL HAQ & BROTHERS

Project Name: SIRI TOI DAM Package # ICB # 01

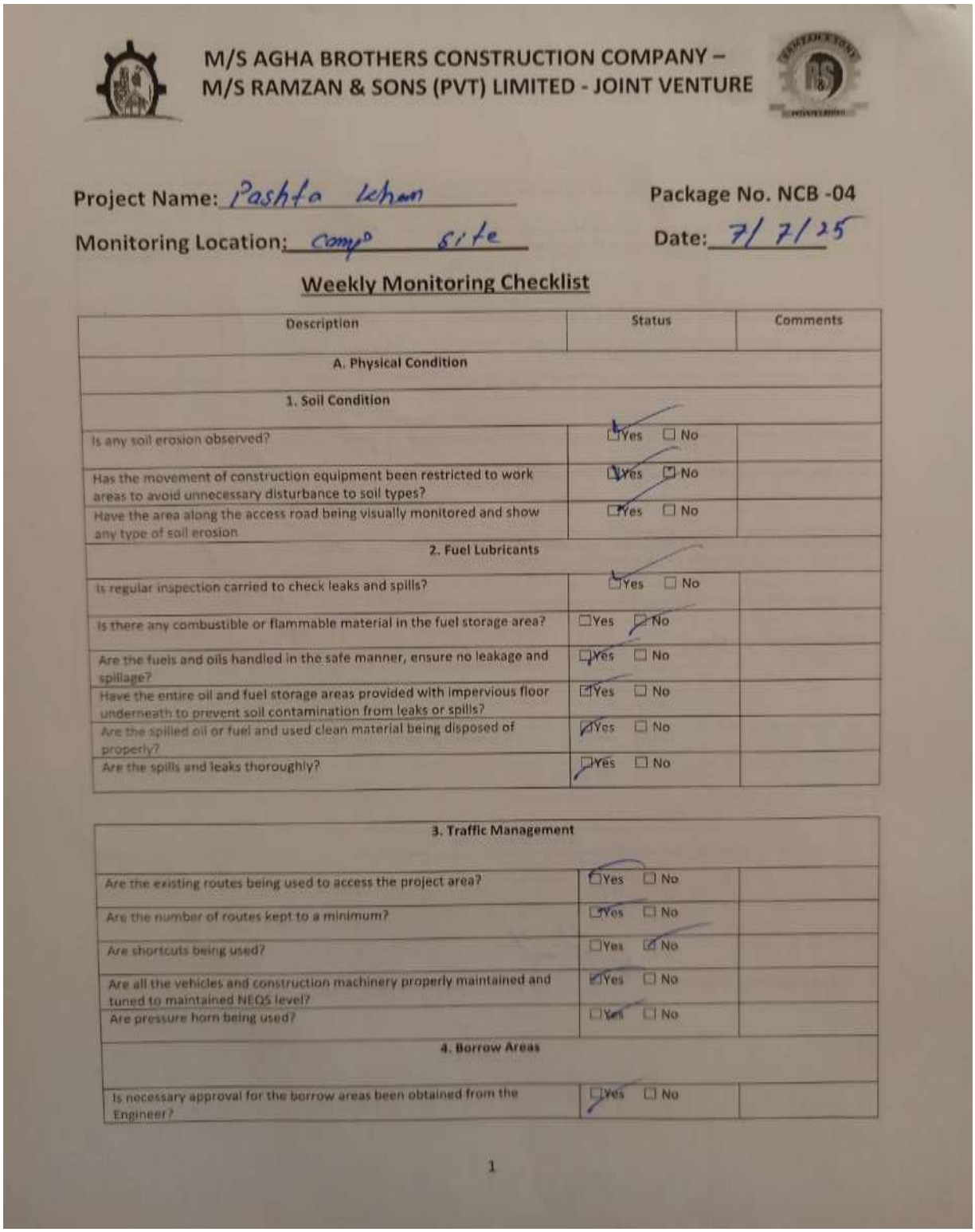
Monitoring Location: Cam Area Date: 30/12/25

Description	Status	
	Yes	No
Soil Conditions		
Is any soil erosion observed?		✓
Has the movement of Construction equipment been restricted to work areas to avoid unnecessary disturbance to the soil types?	✓	
Have the area along the access road been visually monitored and show any sign of soil erosion?		✓
2- Fuel / Lubricants		
Is regular inspection carried to check leaks & spills?	✓	
Is there any combustible or flammable material in the fuel storage area?	✓	
Are the fuels and oils handled in a safe manner, ensuring no leakage & Spillage?		✓
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	✓	
Are the spilled oil or fuel and used clean up material being disposed of properly?	✓	
Are the spills and leak thoroughly cleaned?	✓	
Waste Material		
Is waste are stored temporarily on camp & sites within the designated area?	✓	
Is any type of solid waste is being disposed of in the fields?		✓
Do the vehicles carry adequate container / trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	✓	
Traffic Management		
Are the existing routes being used to access the project area?	✓	
Are the number of routes kept to a minimum?	✓	
Are shortcuts been used?		✓
Are all the vehicles and construction machinery properly maintained and tuned to maintain NEQS level?	✓	
Are pressure horns being used?		✓
Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	✓	
Is the top soil of the borrow pits removed and conserved for rehabilitation of borrow areas?	✓	
Is the condition of approval for excavation of the borrow pits are being compiled with?	✓	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow areas?	✓	
Camp Site		
Are generators in the construction camp properly maintained?	✓	
Is the emergency response plan available in the camp		✓

Contractor HSEO: _____ Consultant HSEO: _____

1

Pashta Khan and Garambowad Perennial Irrigation Sub (NCB- 04)



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan Package No. NCB -04

Monitoring Location: Comp° Site Date: 7/7/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☑ Yes ☐ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☐ Yes ☑ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑ Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑ Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐ Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑ Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑ Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑ Yes ☐ No	
Are the spills and leaks thoroughly?	☑ Yes ☐ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑ Yes ☐ No	
Are the number of routes kept to a minimum?	☑ Yes ☐ No	
Are shortcuts being used?	☐ Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑ Yes ☐ No	
Are pressure horn being used?	☐ Yes ☐ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑ Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist** _____ RHC

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

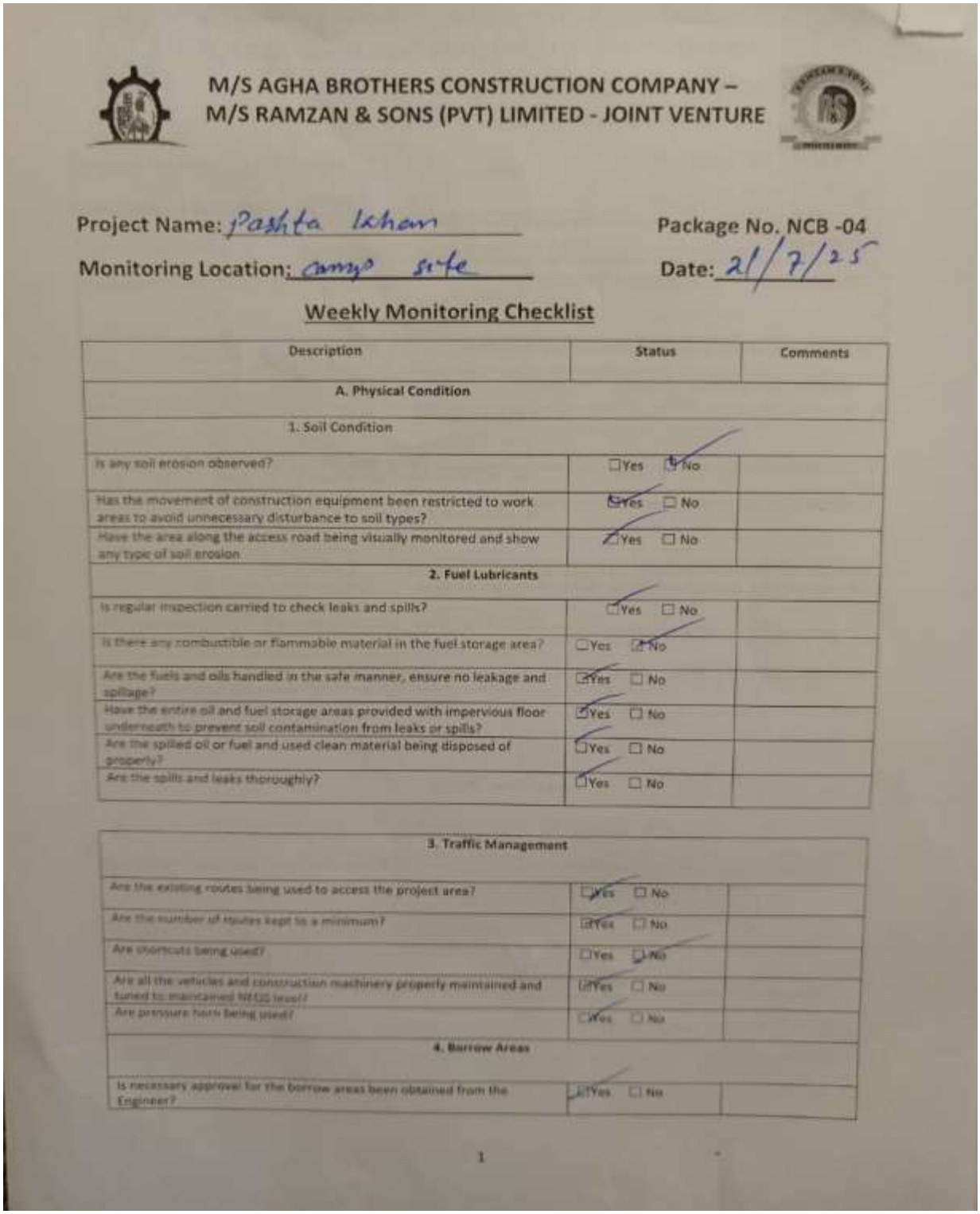
Additional Comments (if any): _____

_____

Contractor Environmentalist:

PIC Environmentalist: RHC

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan Package No. NCB -04

Monitoring Location: camp site Date: 21/7/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☑Yes ☐No	

3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☐Yes ☐No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist** _____ RHC

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Ichan Package No. NCB -04

Monitoring Location: Camp Site Date: 28/7/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☑Yes ☐No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☑Yes ☐No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist** _____ RHC

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan **Package No. NCB -04**

Monitoring Location: Camp Site **Date:** 07/09/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan Package No. NCB -04

Monitoring Location: Camp Site Date: 14/09/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashfa Khan Package No. NCB -04

Monitoring Location: Comp site Date: 21/09/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pakhta Khan

Package No. NCB -04

Monitoring Location: Camp site

Date: 28/09/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☑Yes ☐ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☑Yes ☐ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

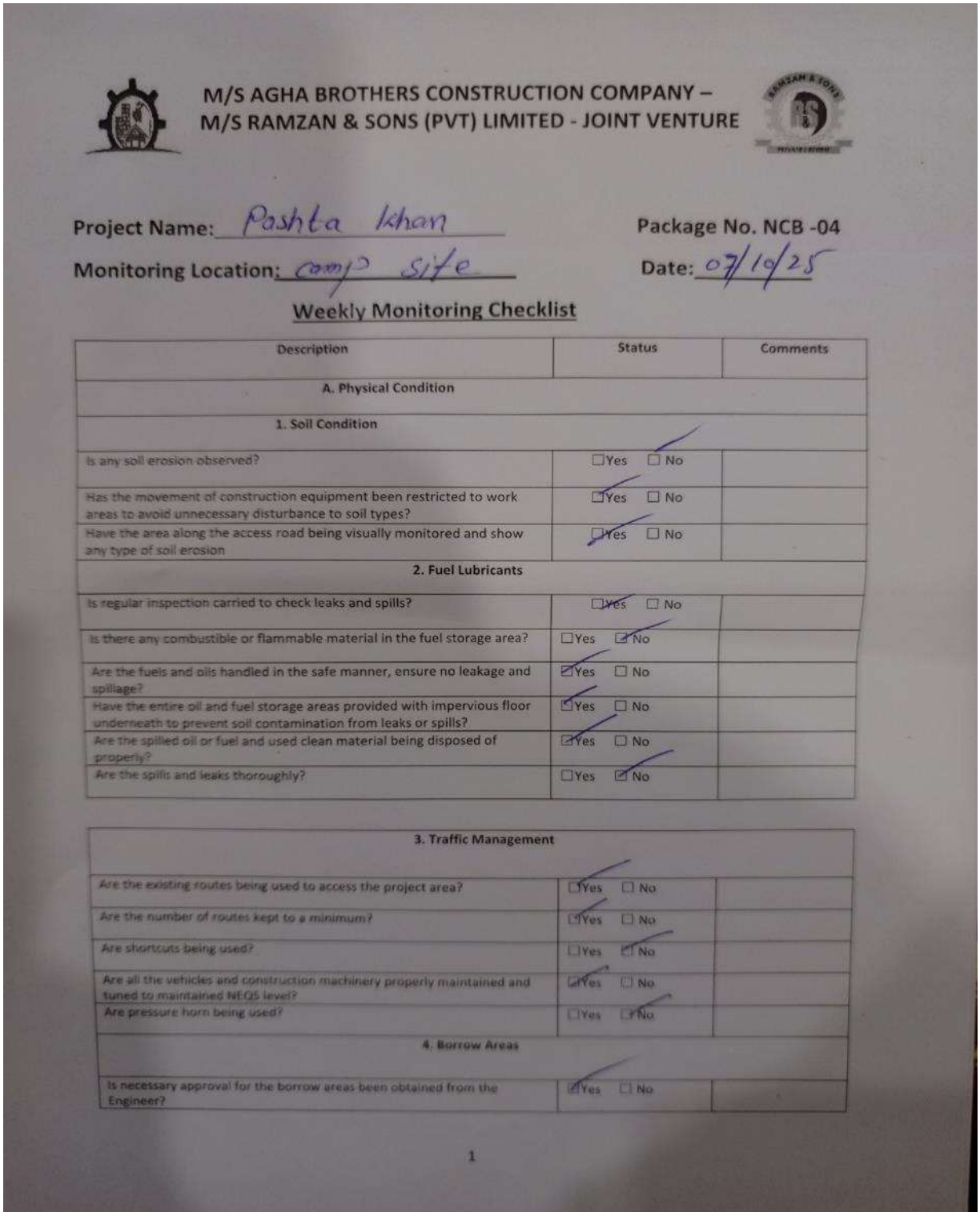
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan Package No. NCB -04

Monitoring Location: camp site Date: 07/10/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan Package No. NCB -04

Monitoring Location: Camp Site Date: 14/10/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☐Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☐Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☐Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☐Yes ☐ No	
Are the number of routes kept to a minimum?	☐Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑ No	

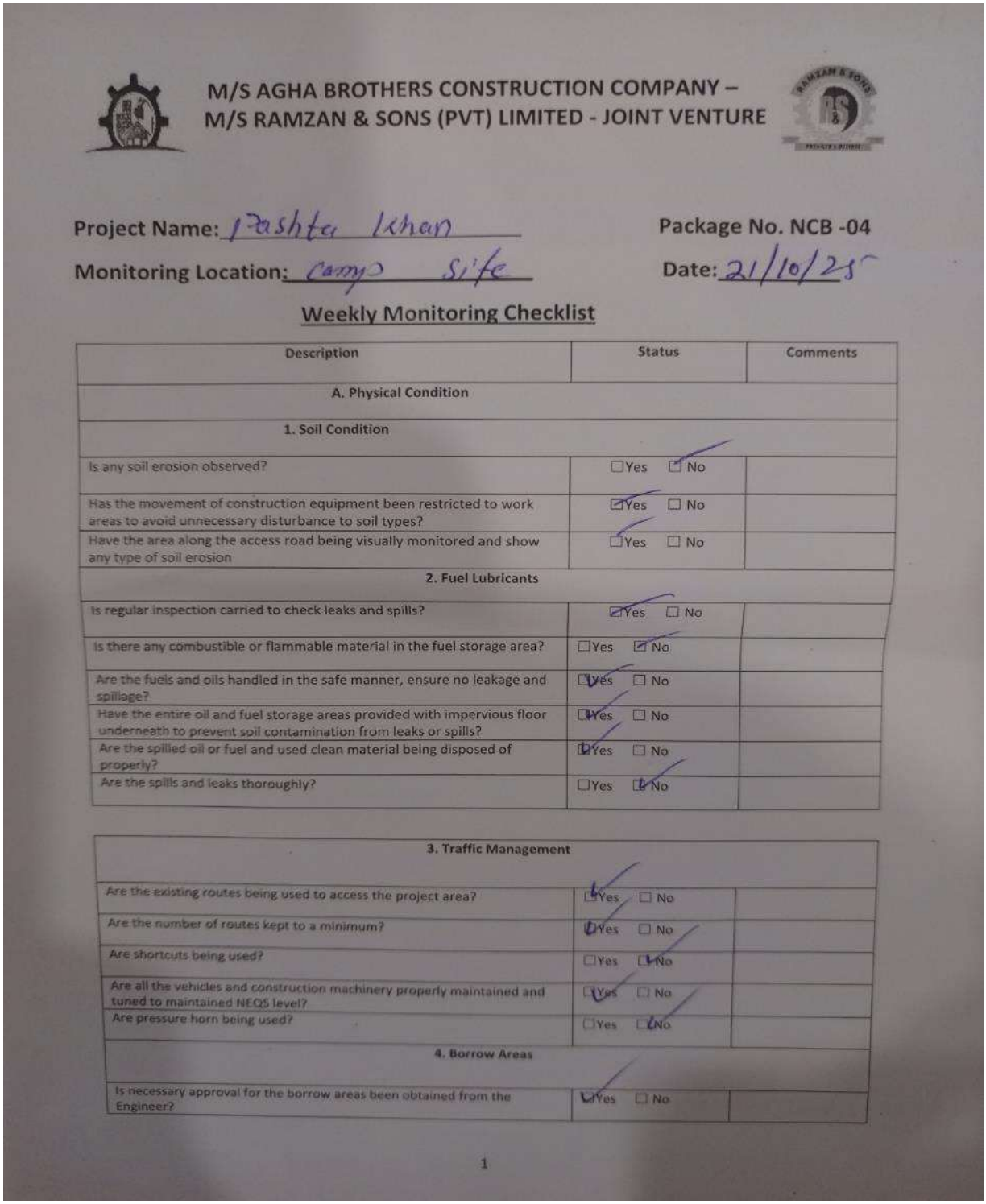
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

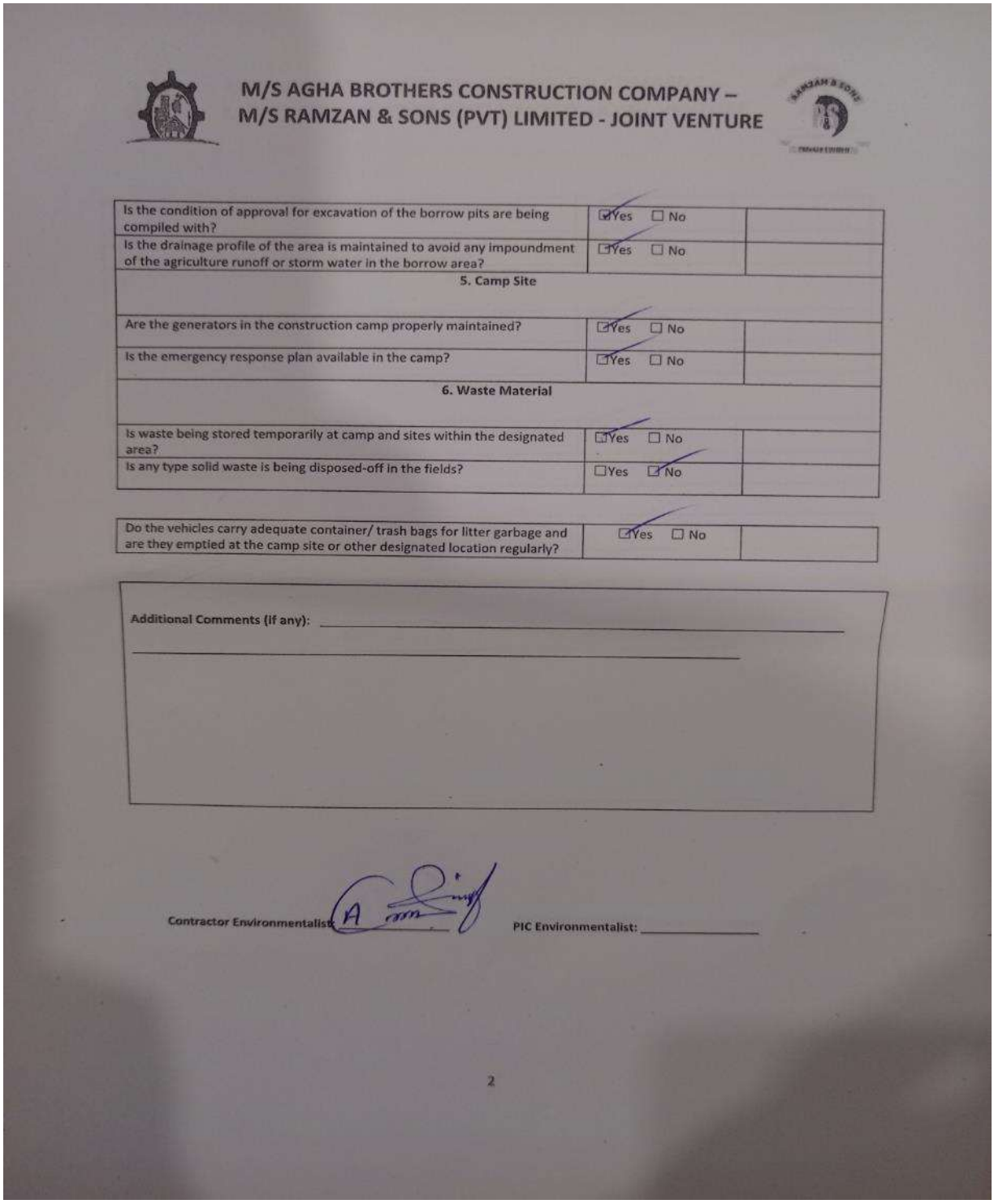
Project Name: Pashta Khan Package No. NCB -04

Monitoring Location: Camp Site Date: 21/10/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

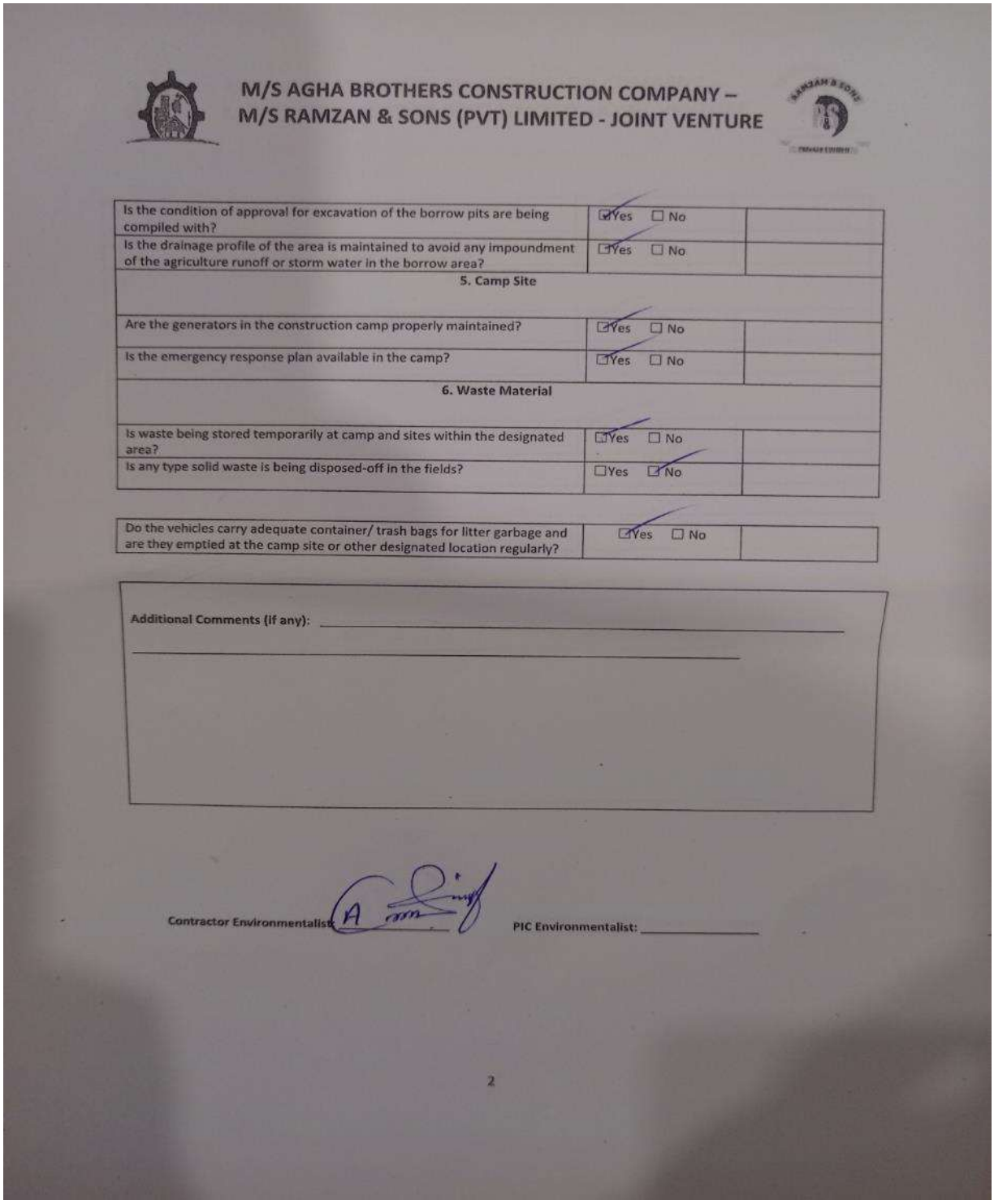
Project Name: Pashta Khan **Package No. NCB -04**

Monitoring Location: Comp site **Date:** 28/10/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☐Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☐Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☐Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☐Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑ No	

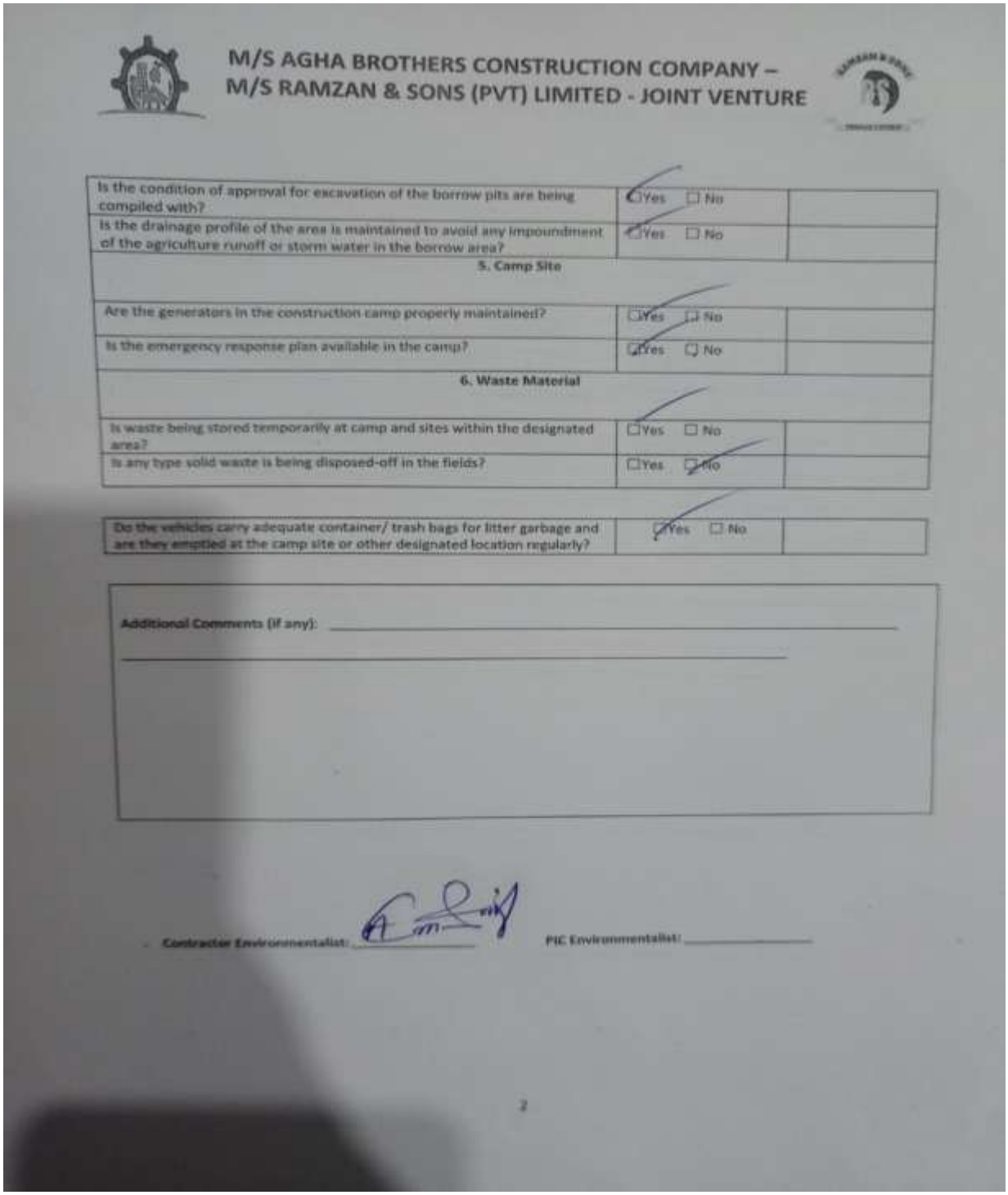
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

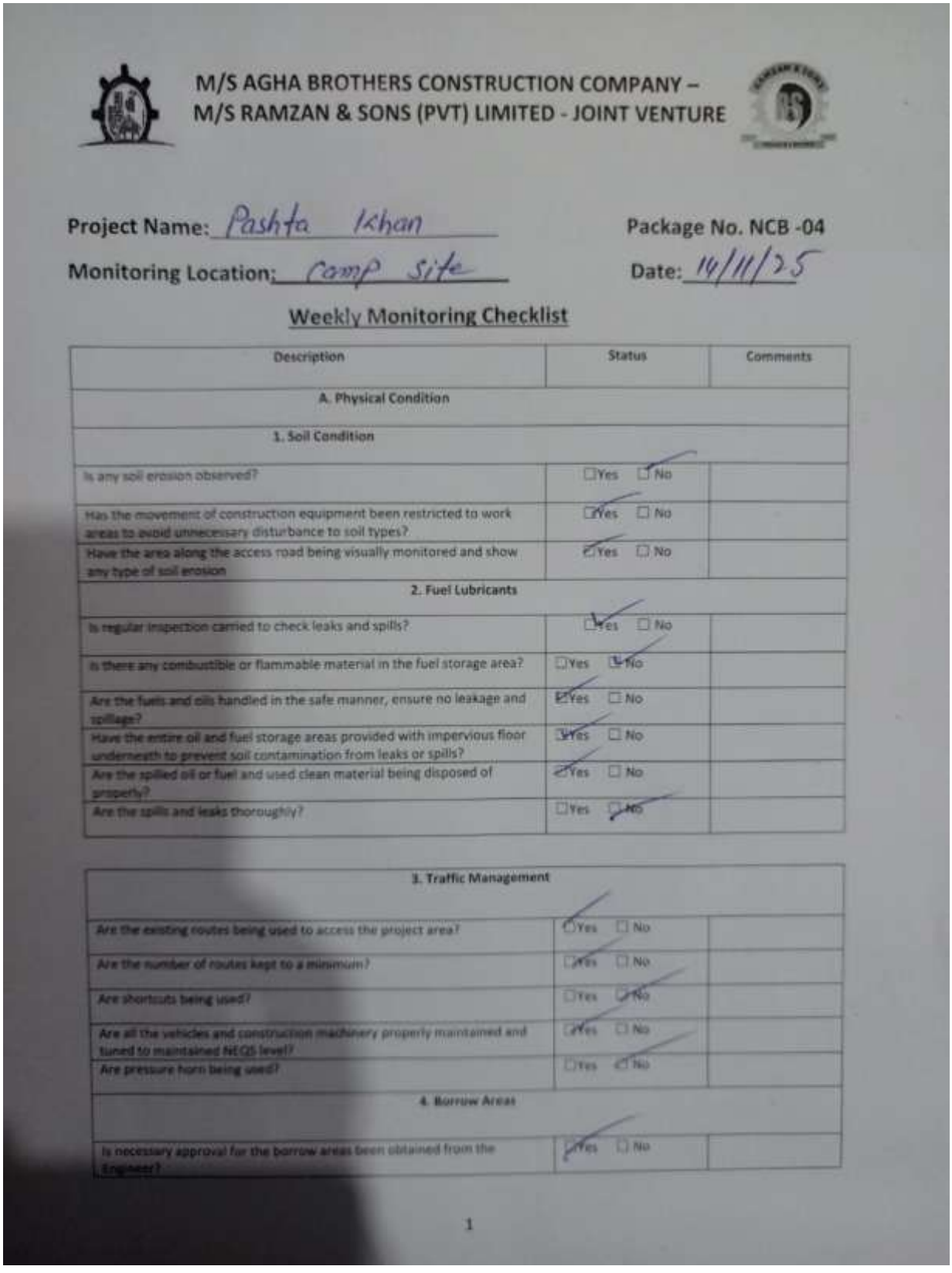
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan Package No. NCB -04

Monitoring Location: Camp Site Date: 14/11/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan

Package No. NCB -04

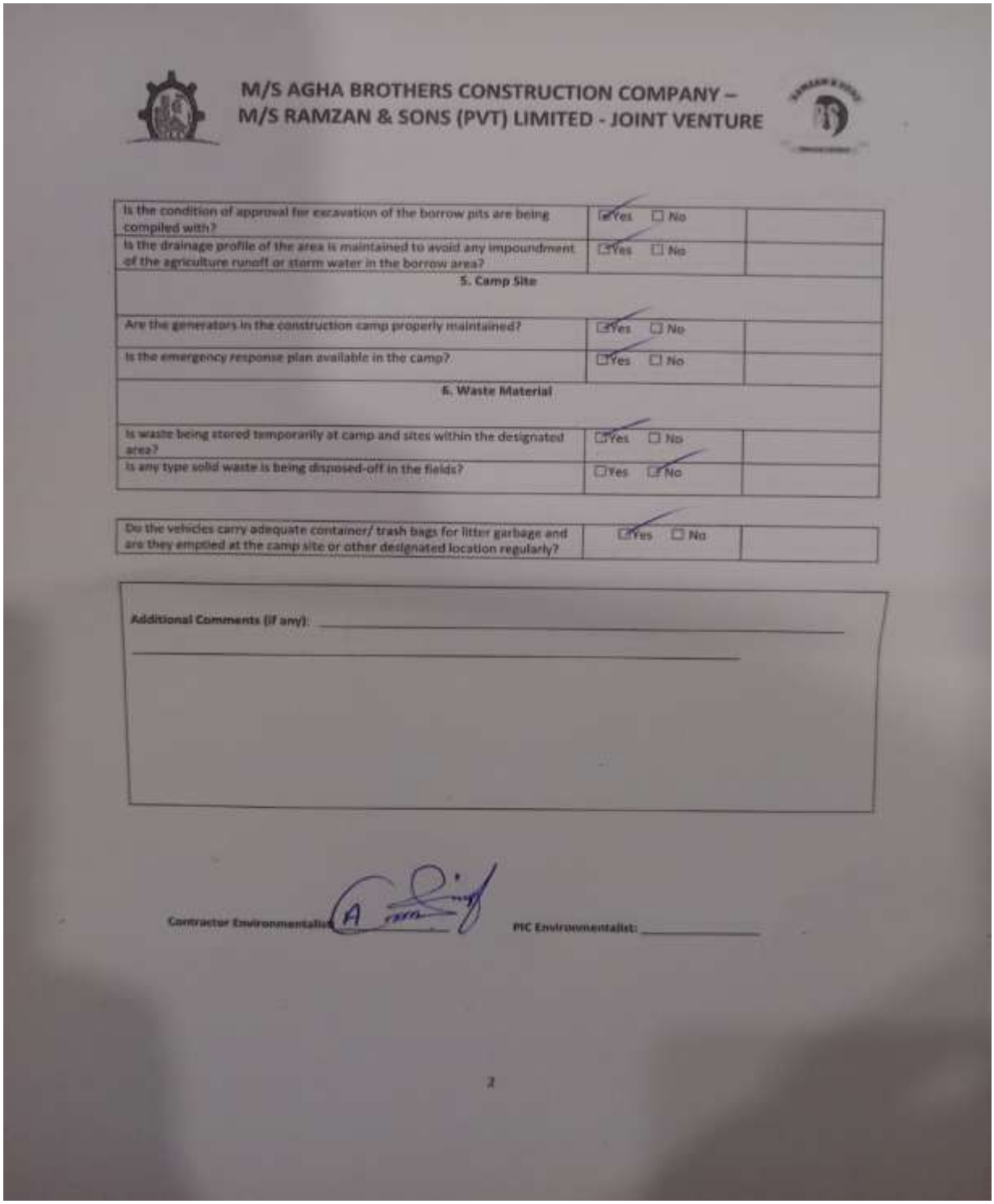
Monitoring Location: Camp site

Date: 21/11/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

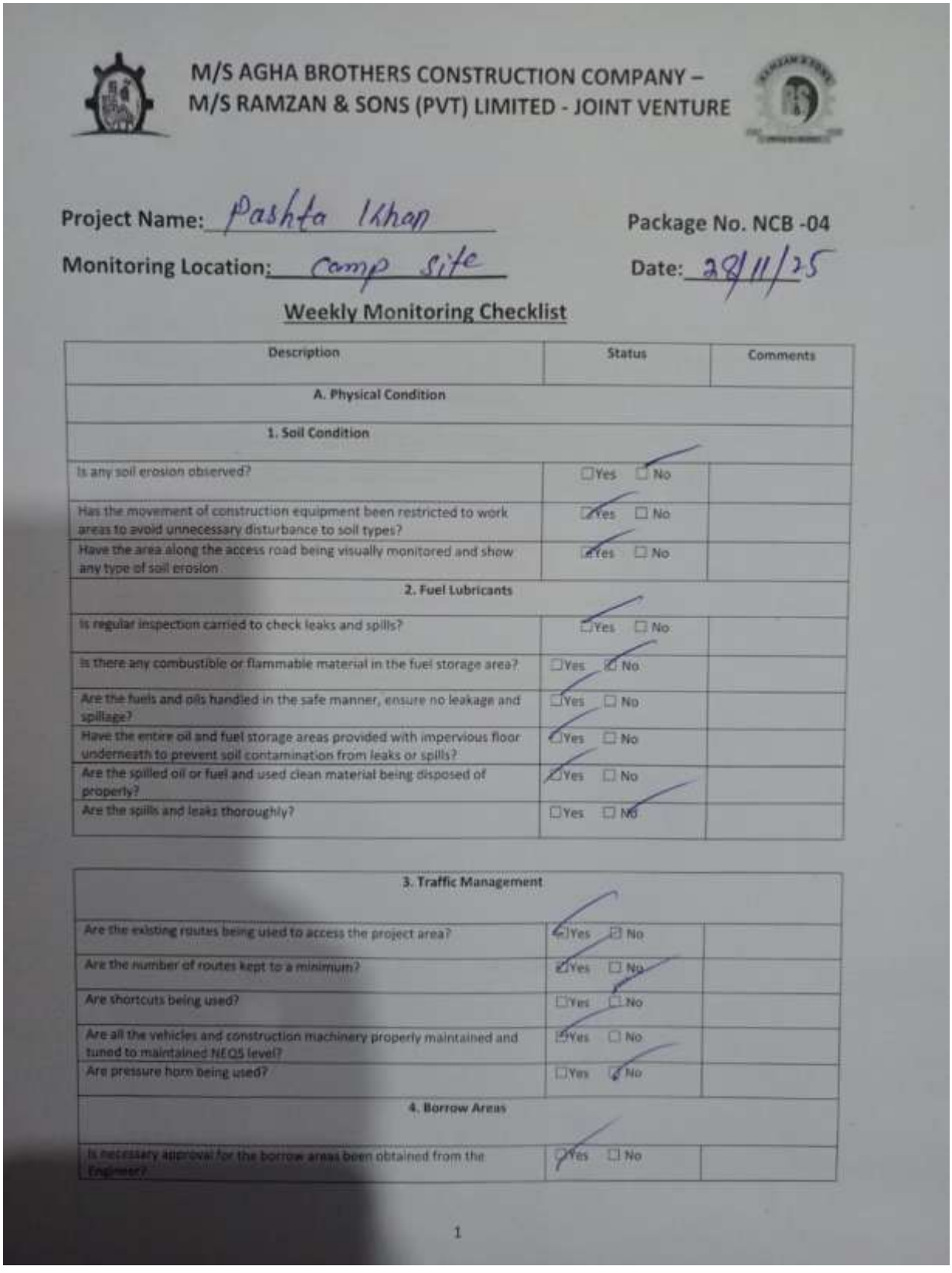
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan Package No. NCB -04

Monitoring Location: Camp Site Date: 29/11/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☑ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

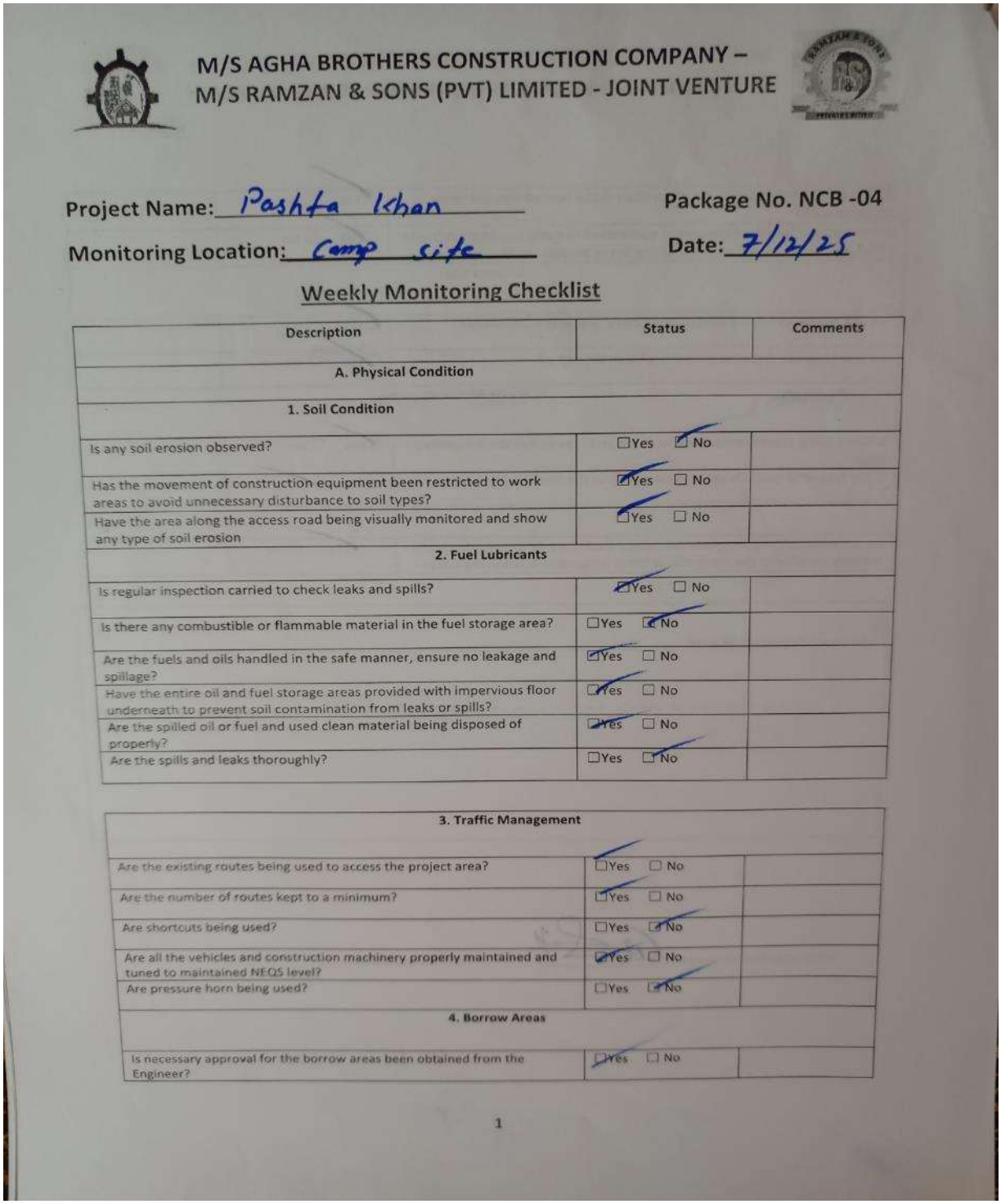
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Khan

Package No. NCB -04

Monitoring Location: Camp site

Date: 7/12/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

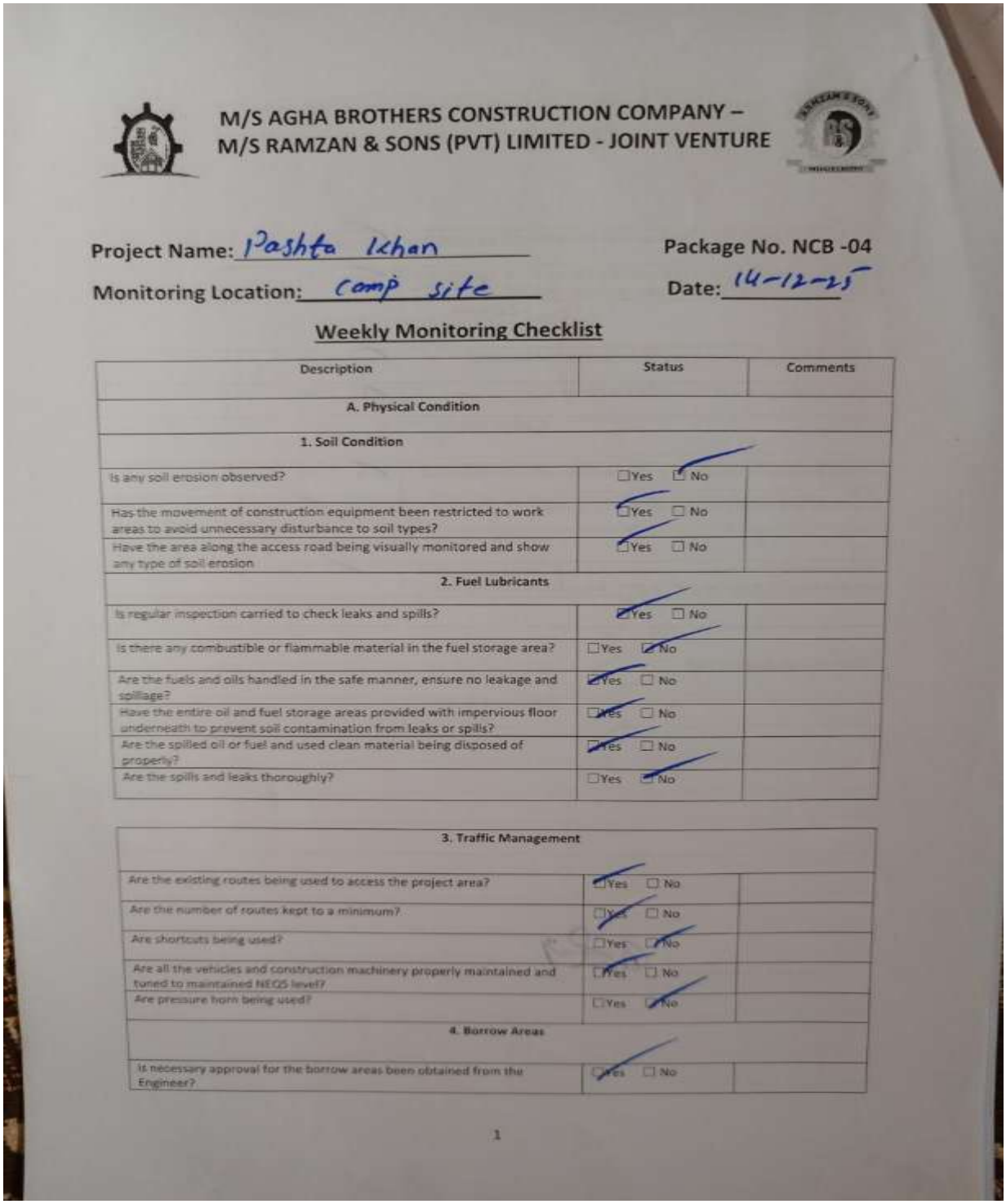
Is the condition of approval for excavation of the borrow pits are being complied with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashto Ichan Package No. NCB -04

Monitoring Location: Camp site Date: 14-12-25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

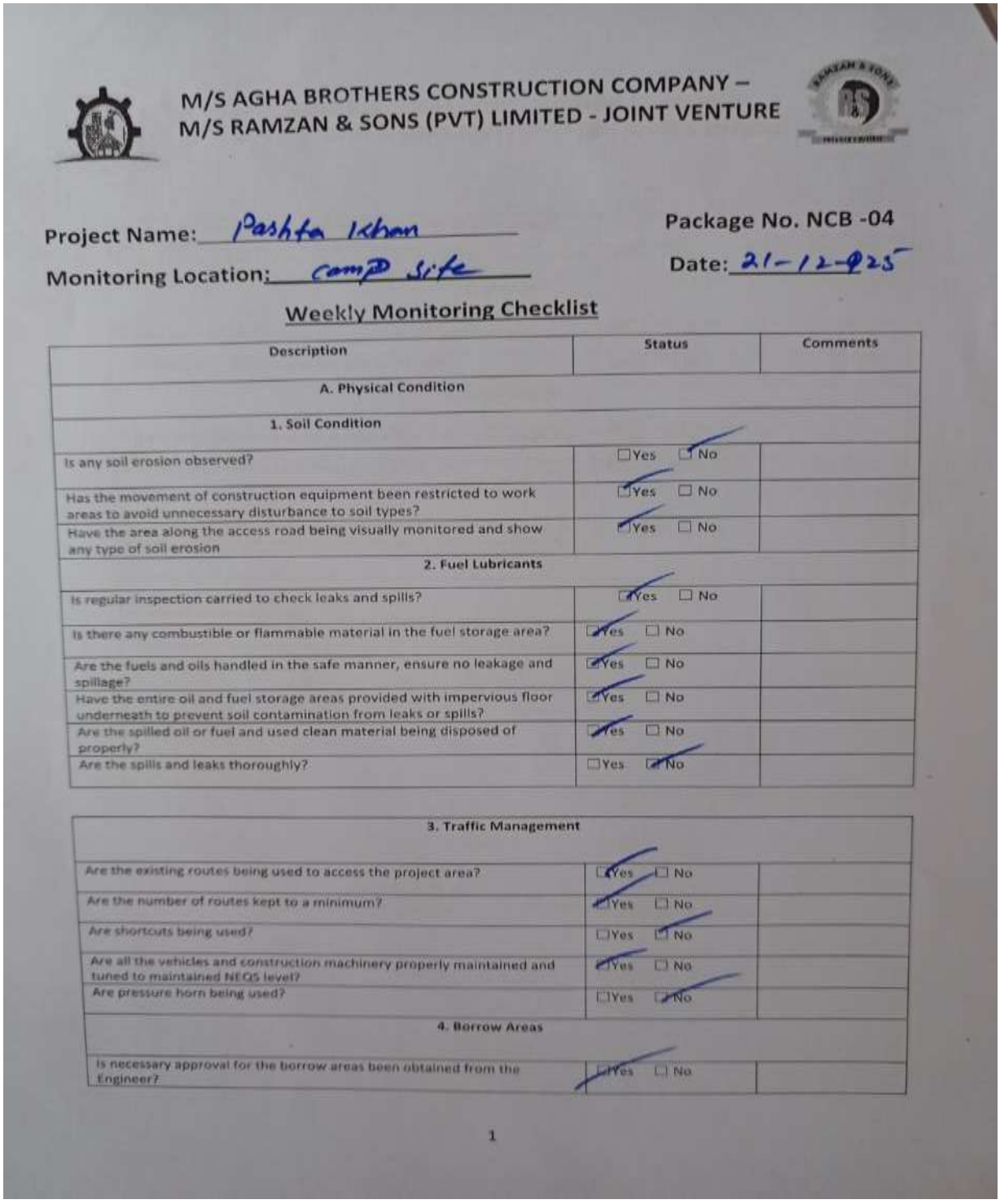
Is the condition of approval for excavation of the borrow pits are being complied with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashta Ichan

Package No. NCB -04

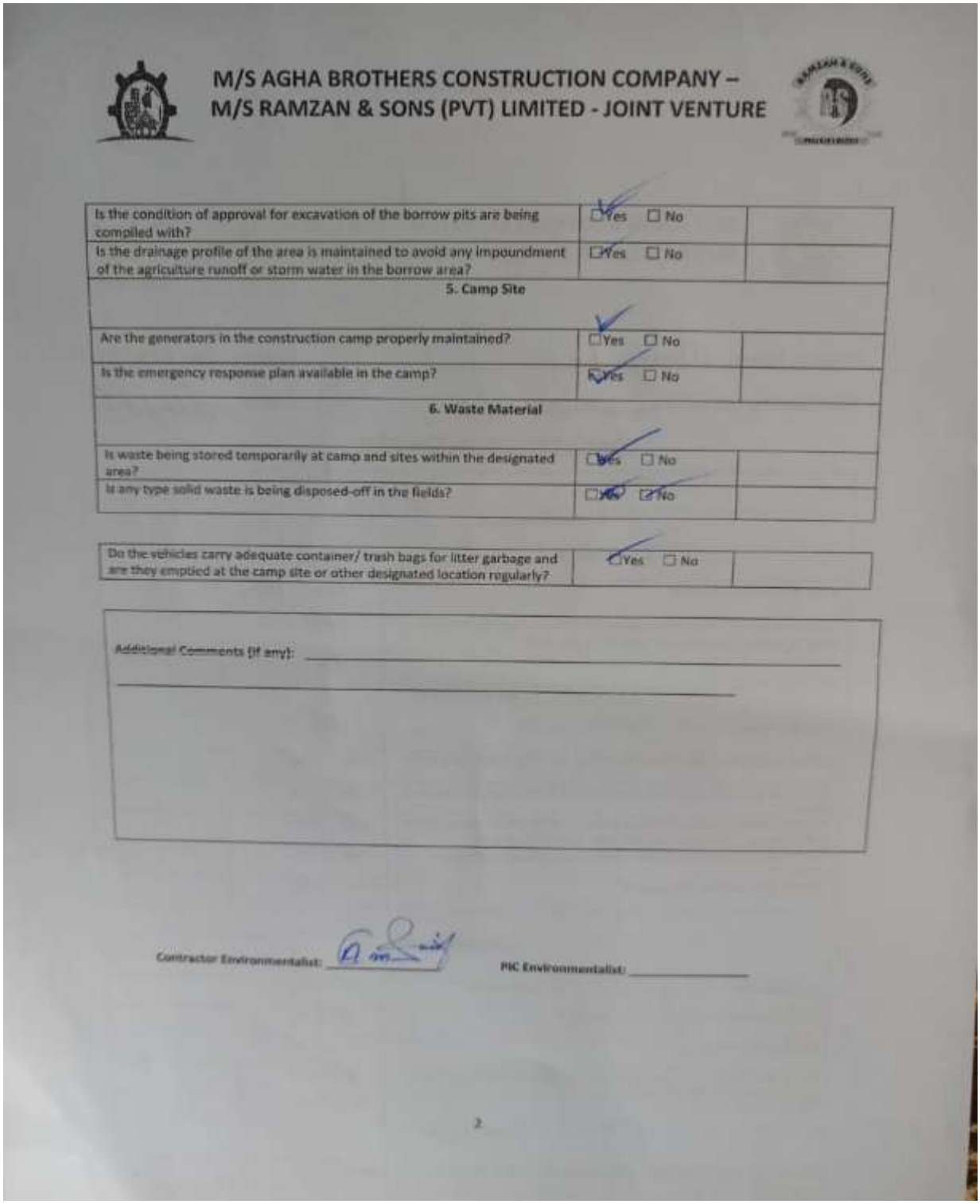
Monitoring Location: camp Site

Date: 21-12-025

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☑Yes ☐No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1



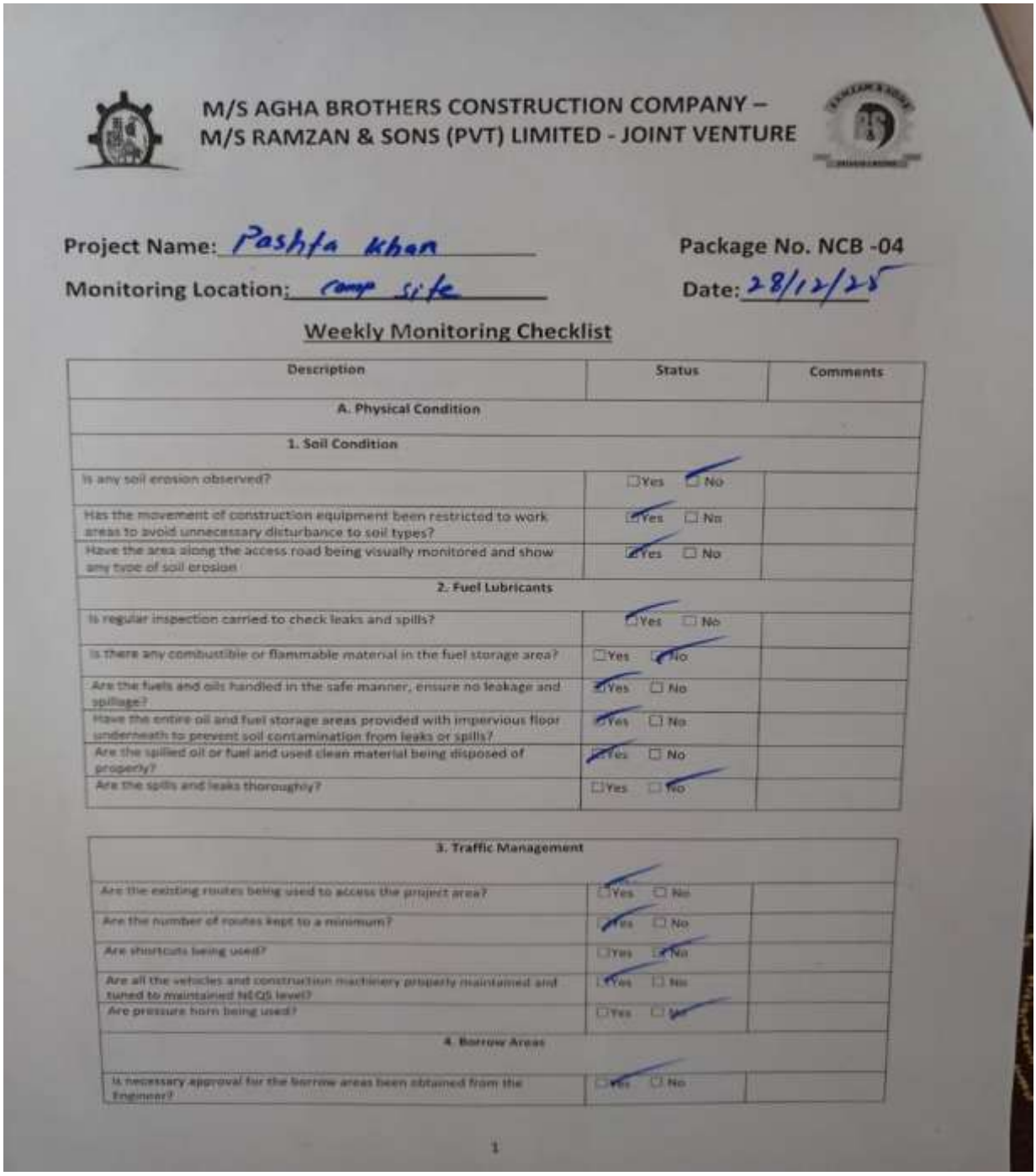
M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being complied with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Pashfa Khan Package No. NCB -04

Monitoring Location: Camp Site Date: 28/12/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑ No	
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2

Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Sub Project – Mula River Basin (NCB-07)

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo Package No. NCB -07

Monitoring Location: camp site Date: 07/07/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☑Yes ☐ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

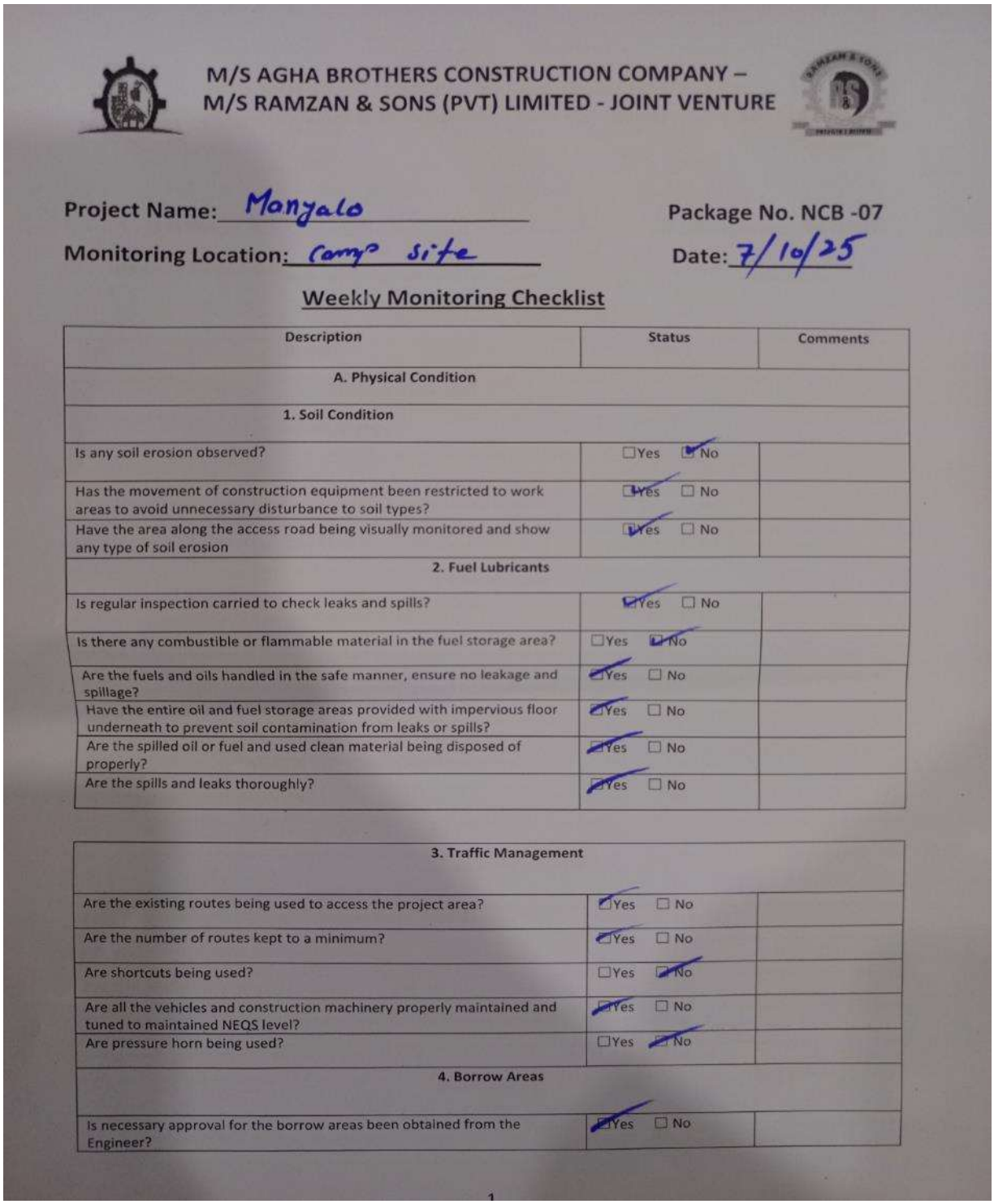
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist** _____ RHC

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo

Package No. NCB -07

Monitoring Location: Camp site

Date: 7/10/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☑Yes ☐ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

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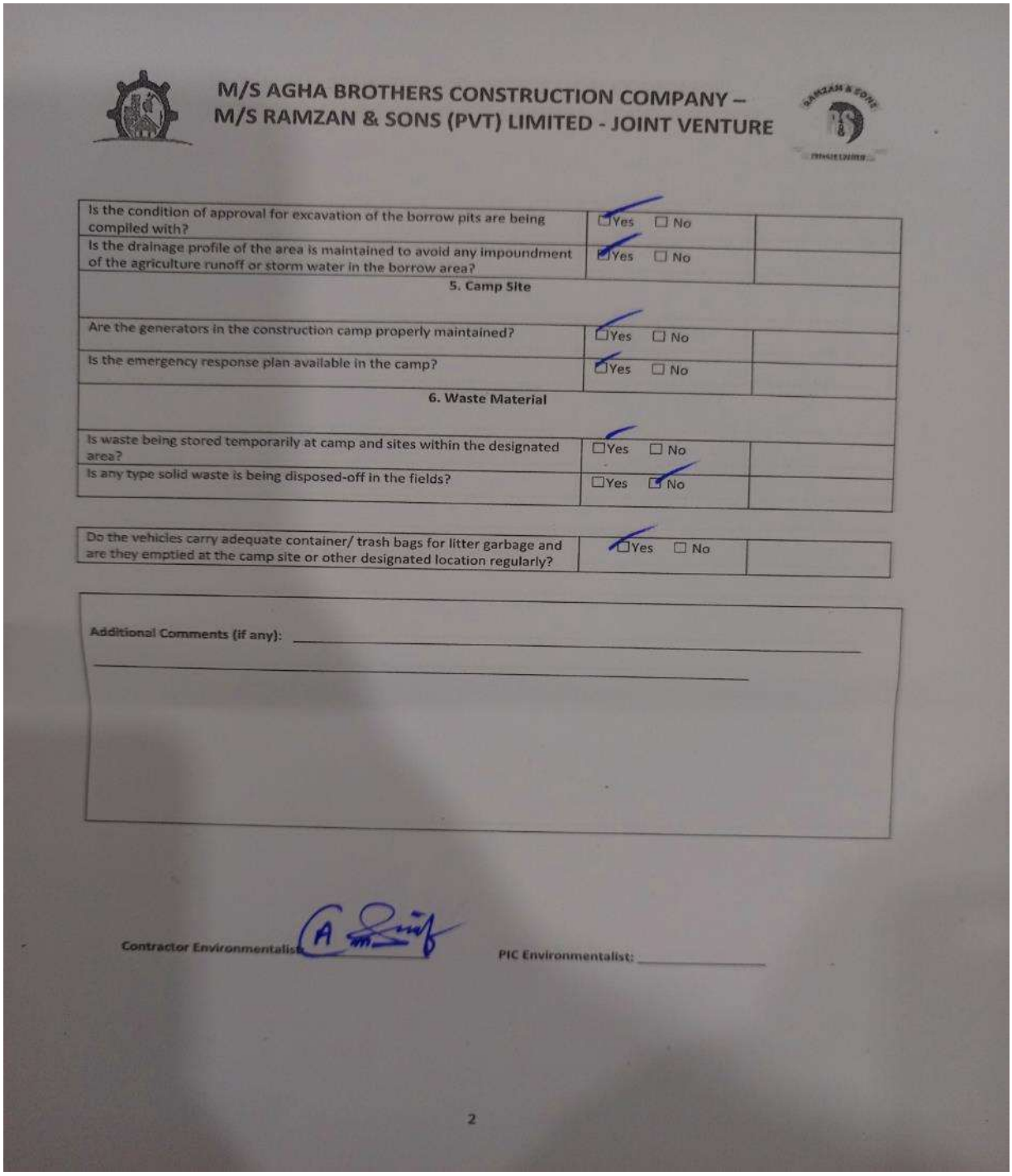


M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo Package No. NCB -07

Monitoring Location: Camp site Date: 14/07/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☑Yes ☐ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist** _____ RHC

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo Package No. NCB -07

Monitoring Location: Camp Site Date: 21/07/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☐Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☑Yes ☐No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

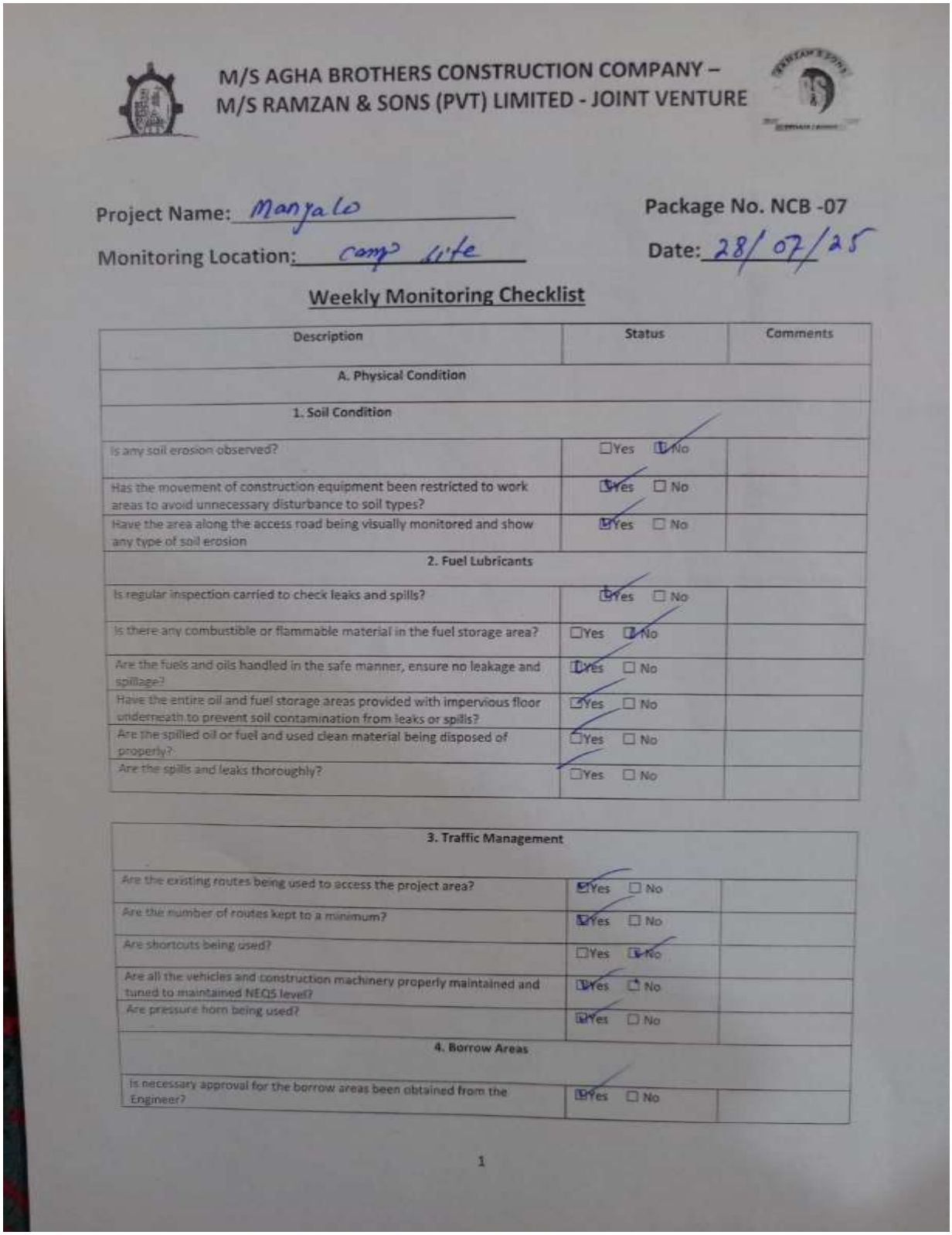
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist** _____ RHC

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manjalo

Package No. NCB -07

Monitoring Location: camp site

Date: 28/07/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☐ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☑Yes ☐ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

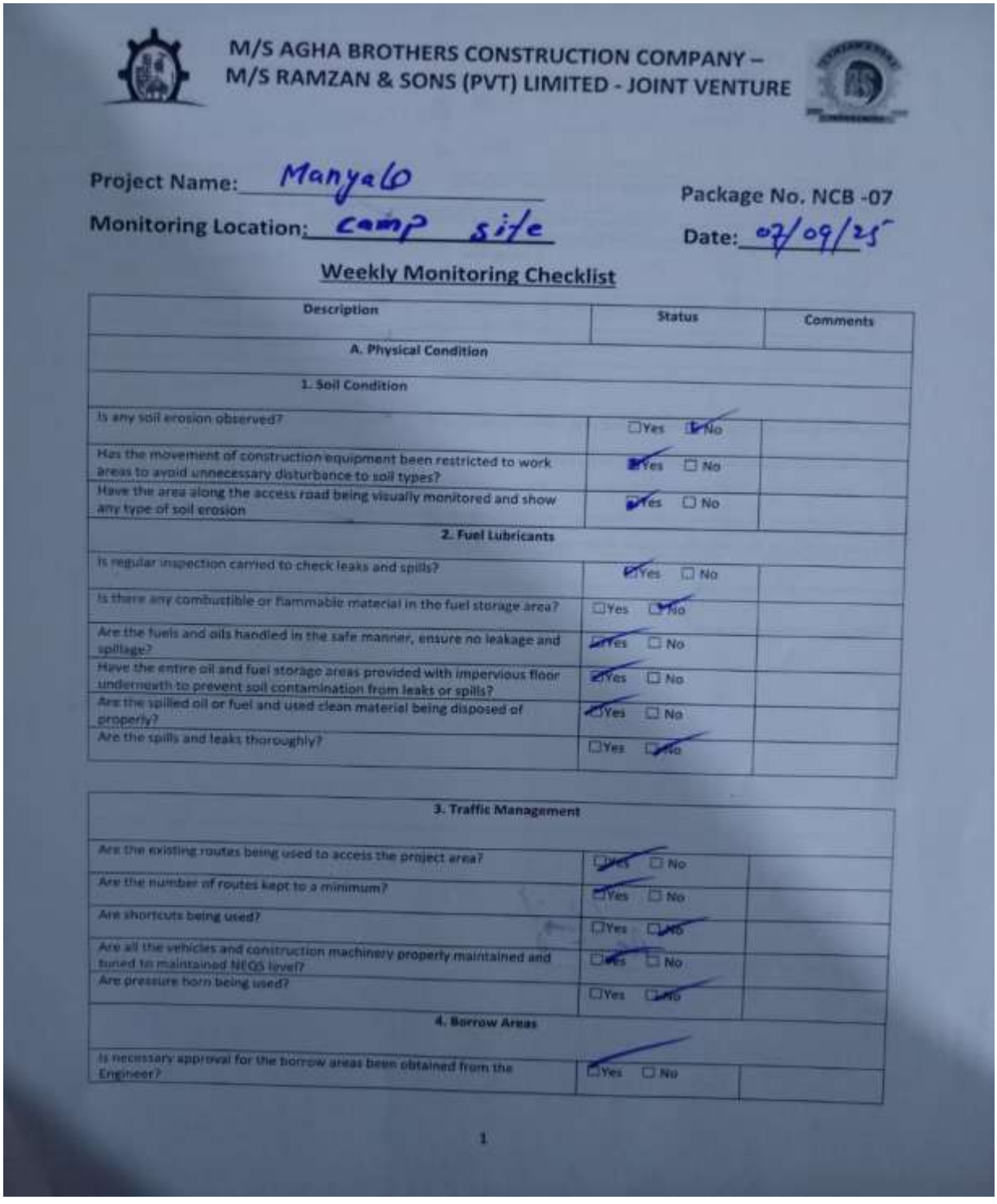
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: **PIC Environmentalist** RHC

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo

Package No. NCB -07

Monitoring Location: camp site

Date: 07/09/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐ Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑ Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑ Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑ Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐ Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑ Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑ Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑ Yes ☐ No	
Are the spills and leaks thoroughly?	☐ Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑ Yes ☐ No	
Are the number of routes kept to a minimum?	☑ Yes ☐ No	
Are shortcuts being used?	☐ Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑ Yes ☐ No	
Are pressure horn being used?	☐ Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑ Yes ☐ No	

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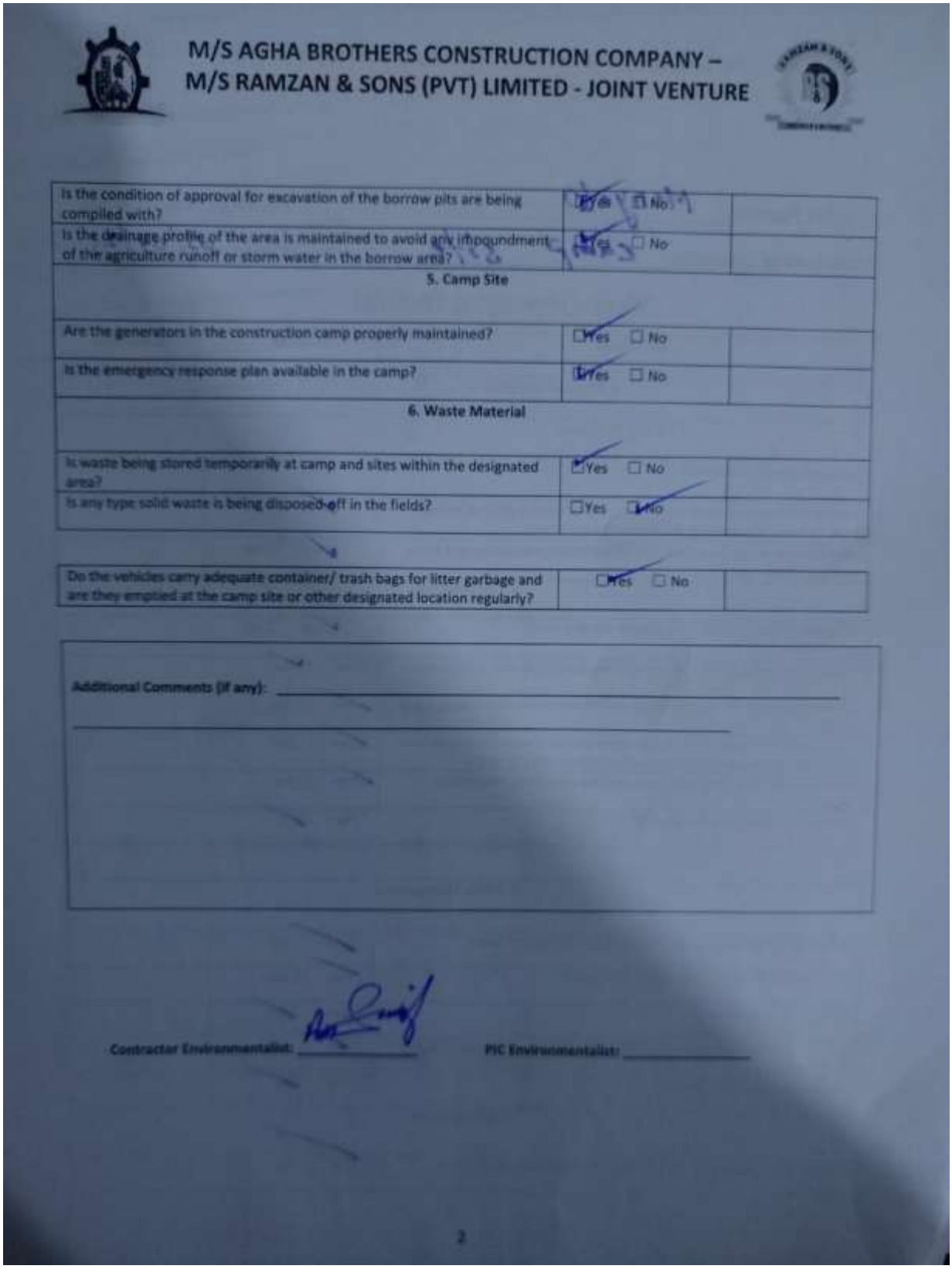

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed off in the fields?	☐Yes ☑No	
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo Package No. NCB -07

Monitoring Location: Camp Site Date: 14/09/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

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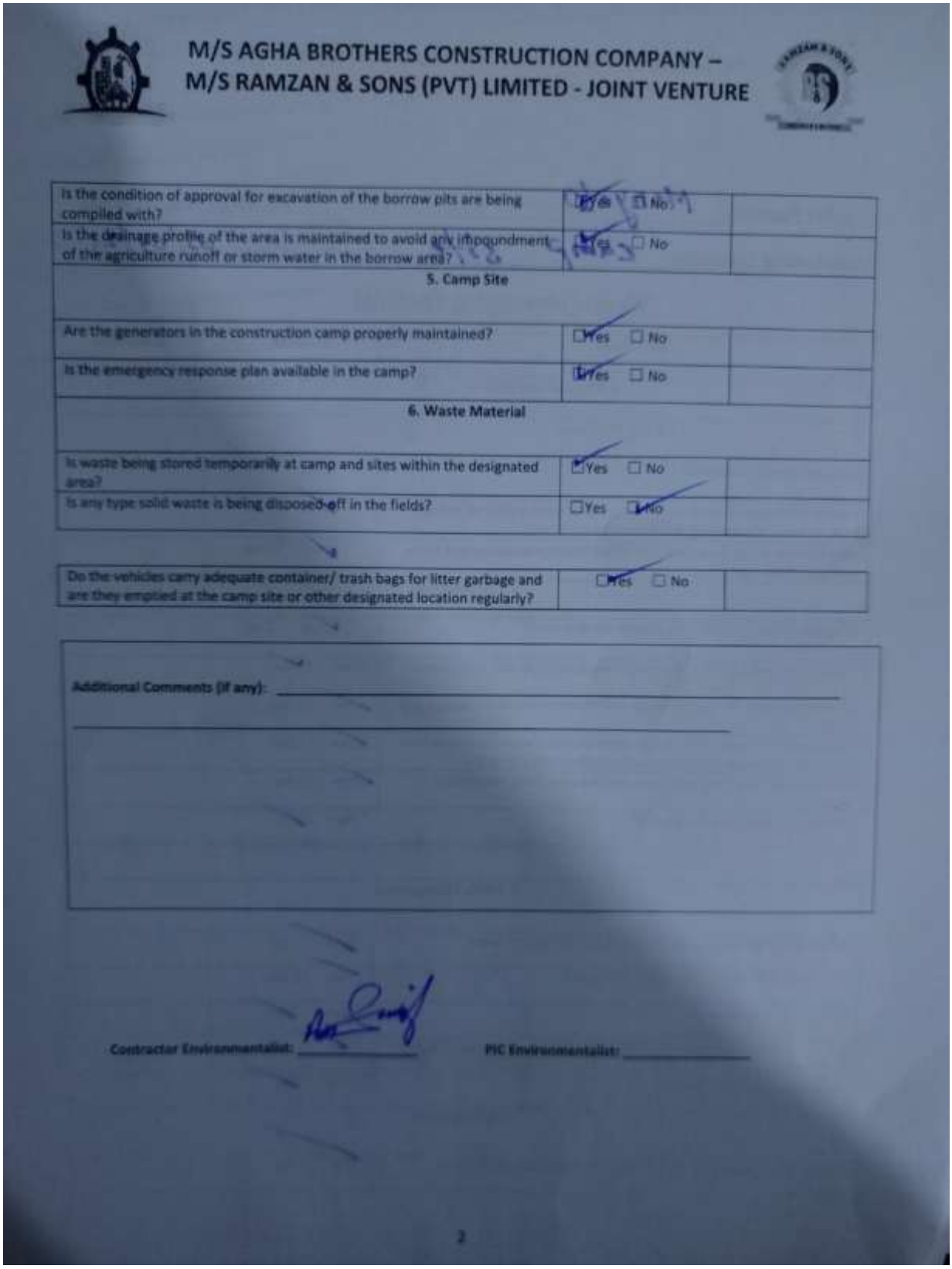


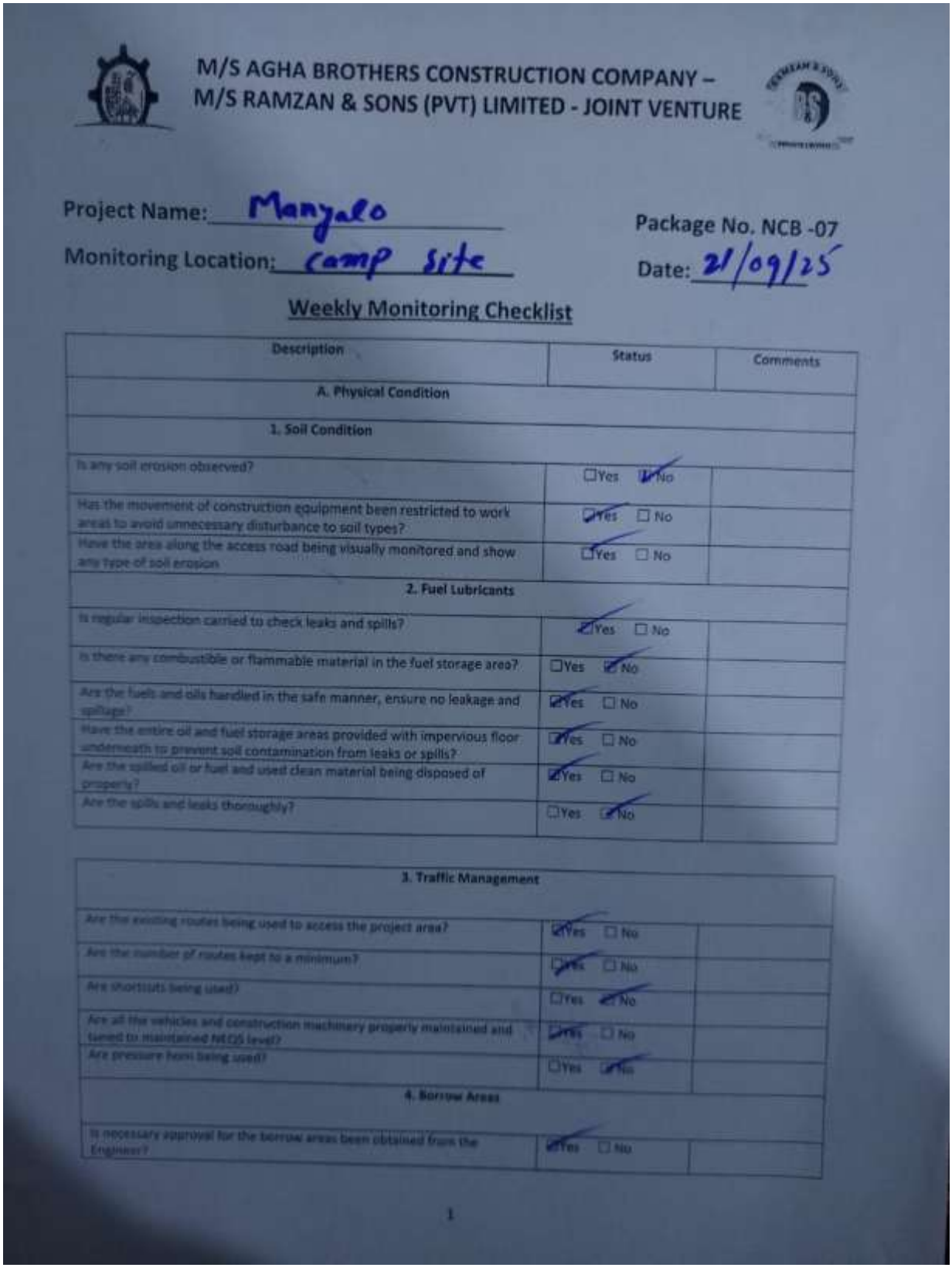
M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed off in the fields?	☐Yes ☑No	
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manjalo

Package No. NCB -07

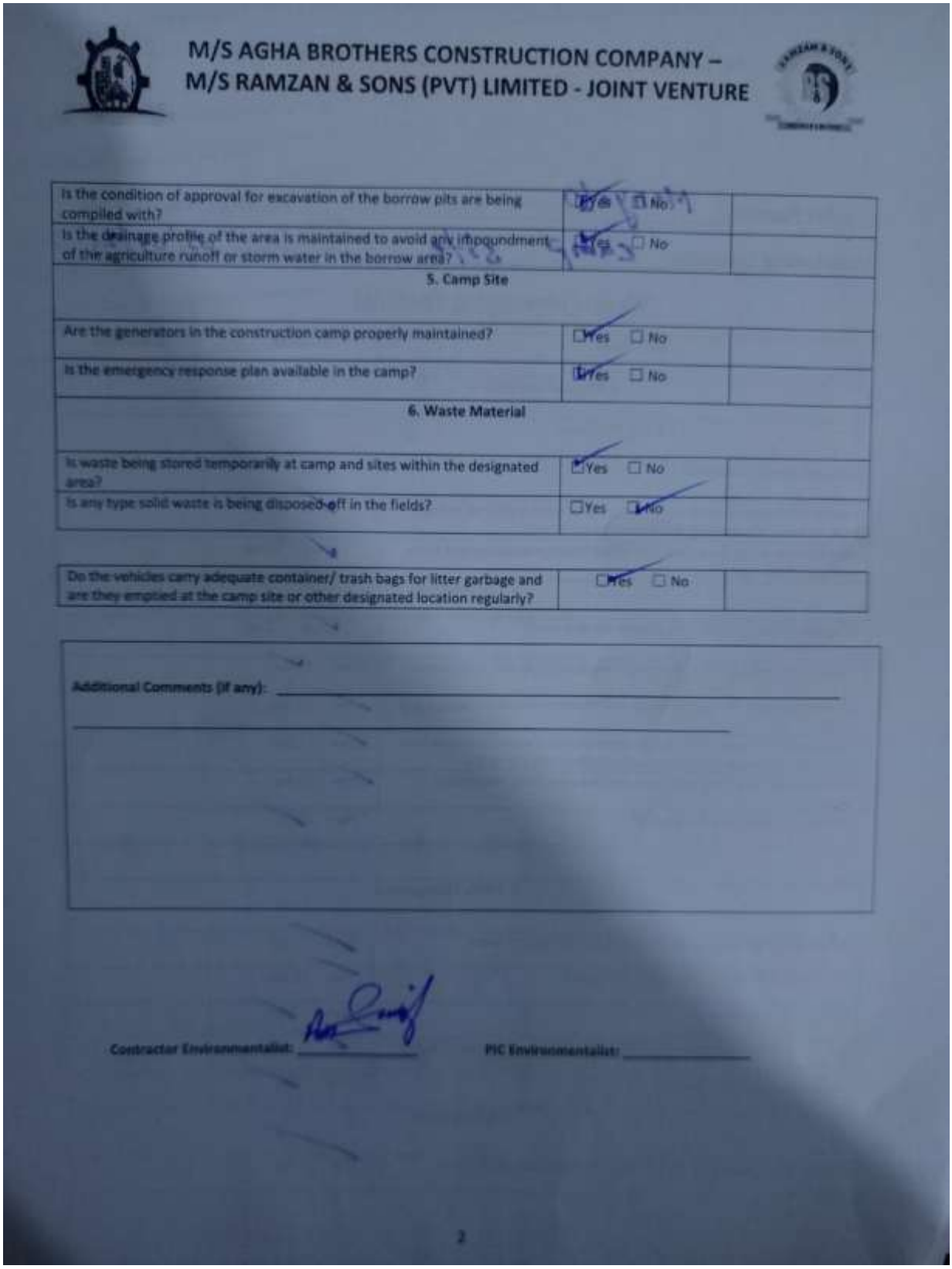
Monitoring Location: Camp Site

Date: 21/09/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☐Yes ☐ No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1



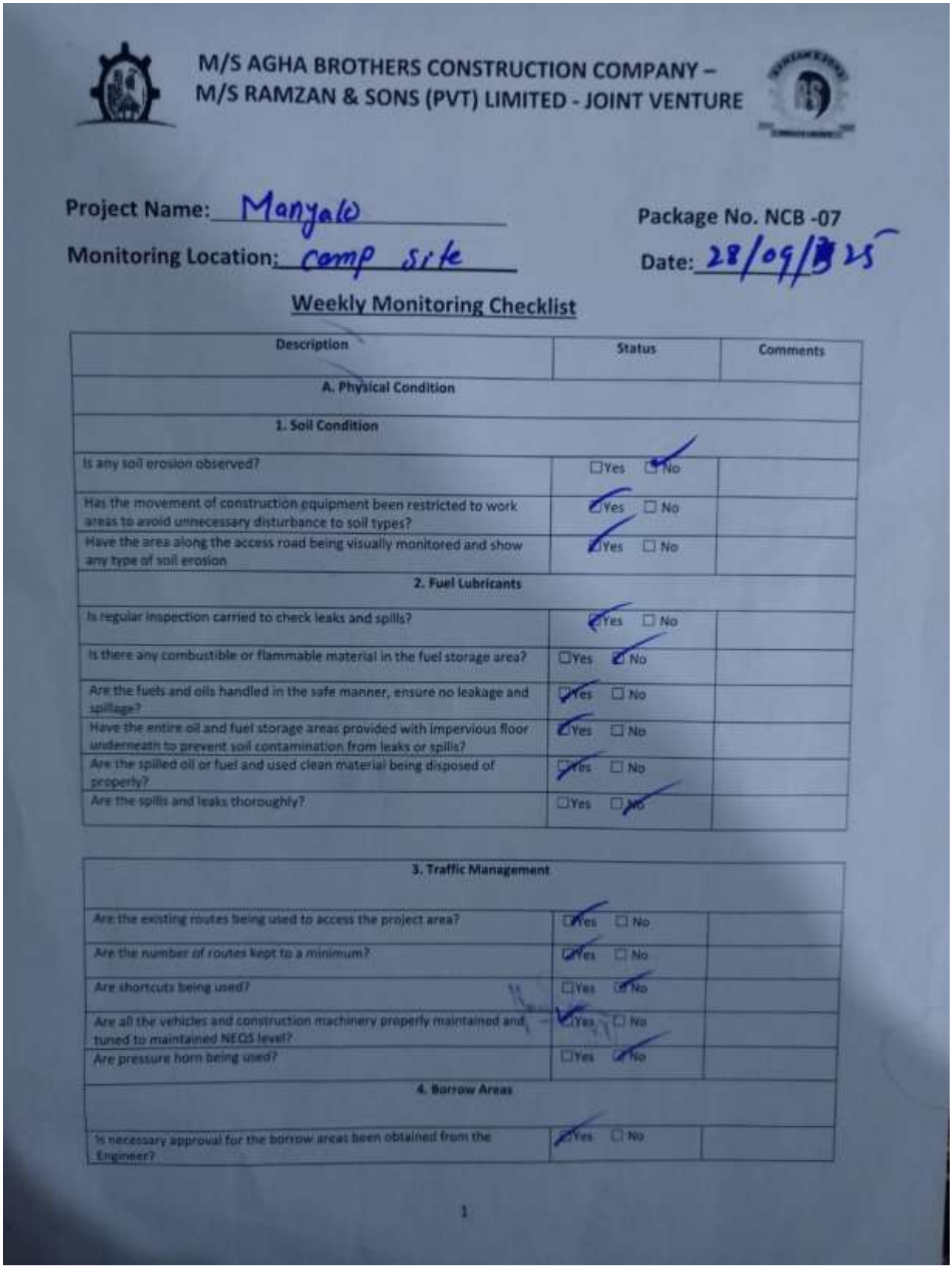
M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed off in the fields?	☐Yes ☑No	
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo

Package No. NCB -07

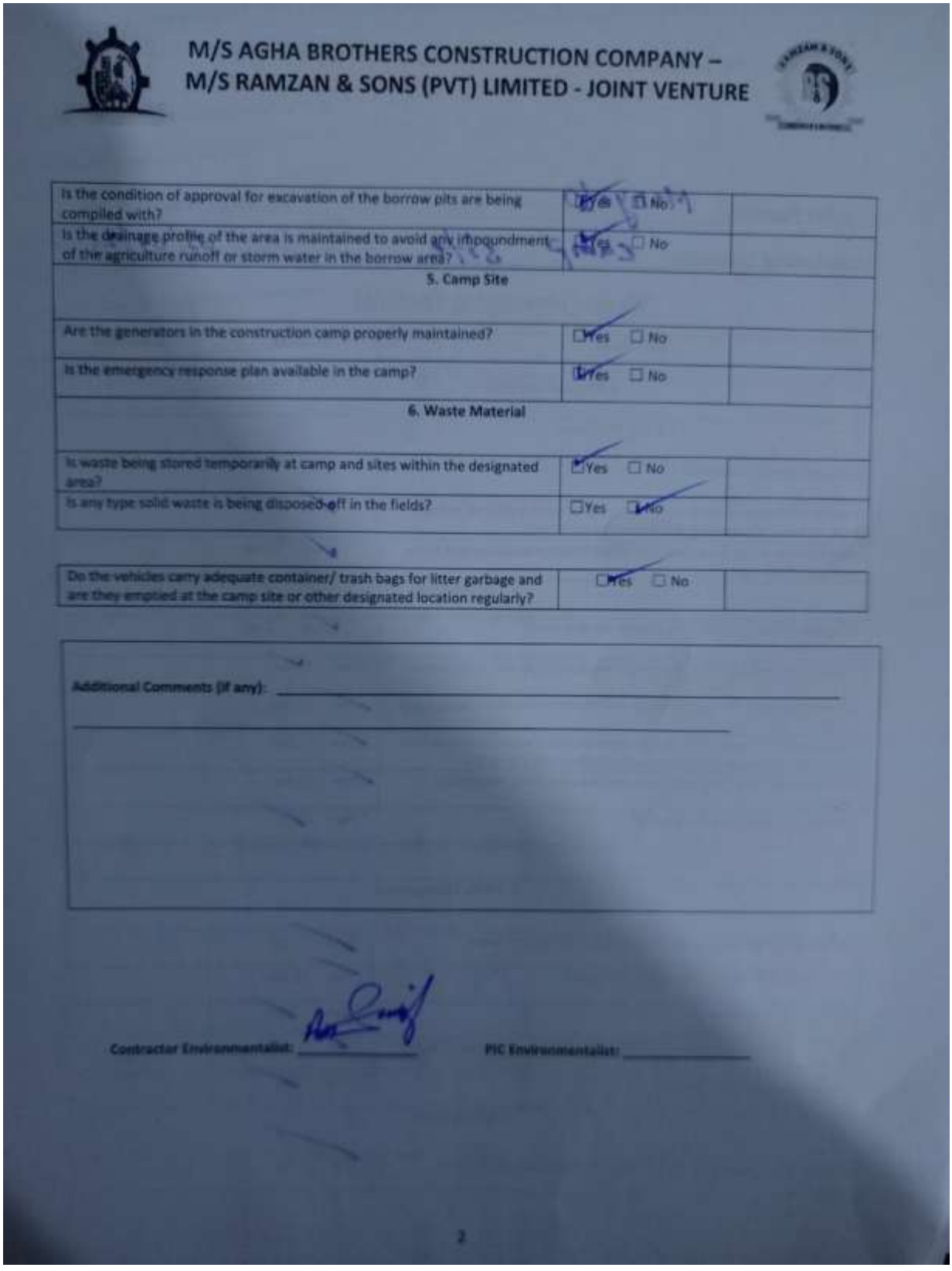
Monitoring Location: Camp Site

Date: 28/09/2025

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1



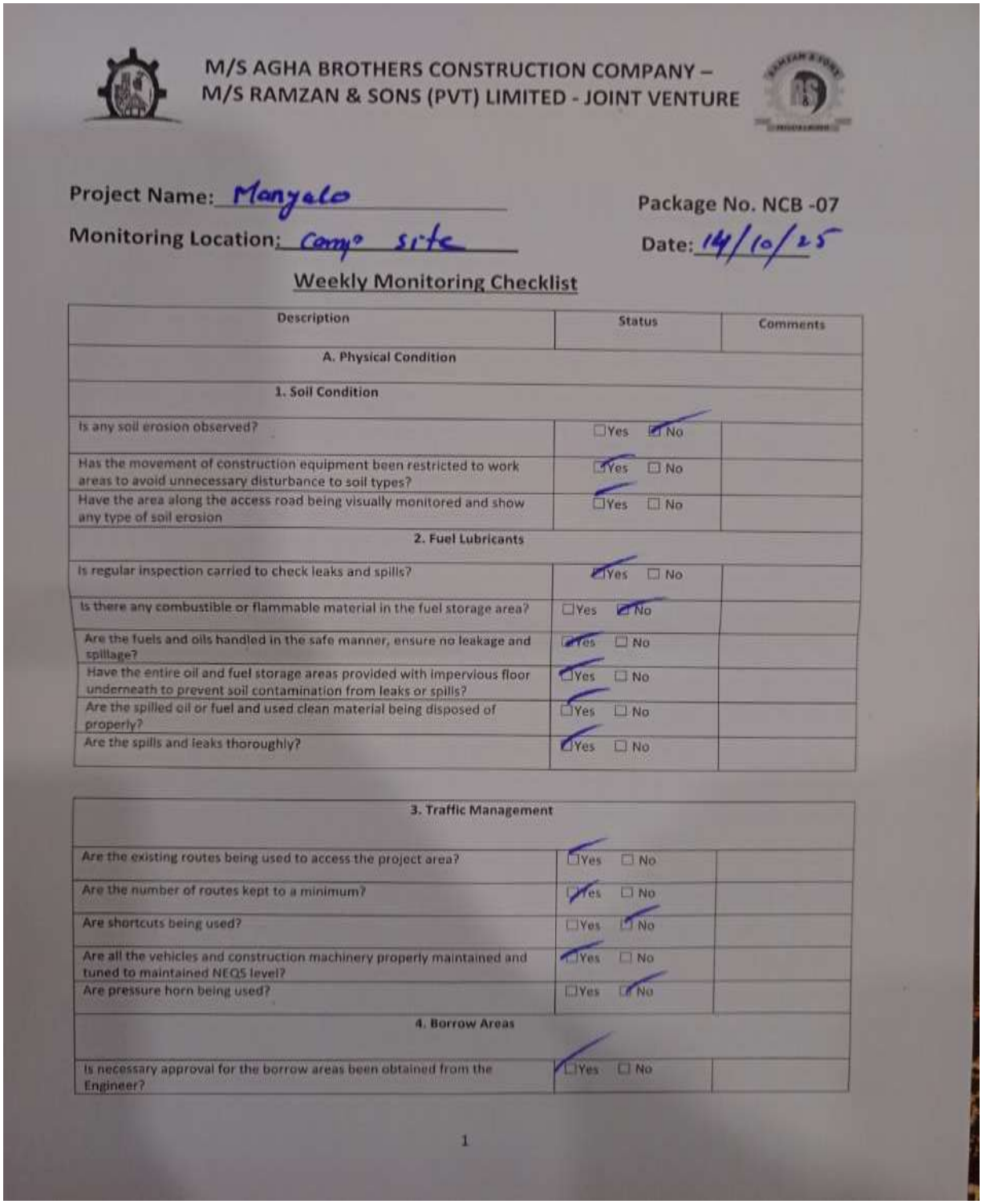
M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed off in the fields?	☐Yes ☑No	
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo

Package No. NCB -07

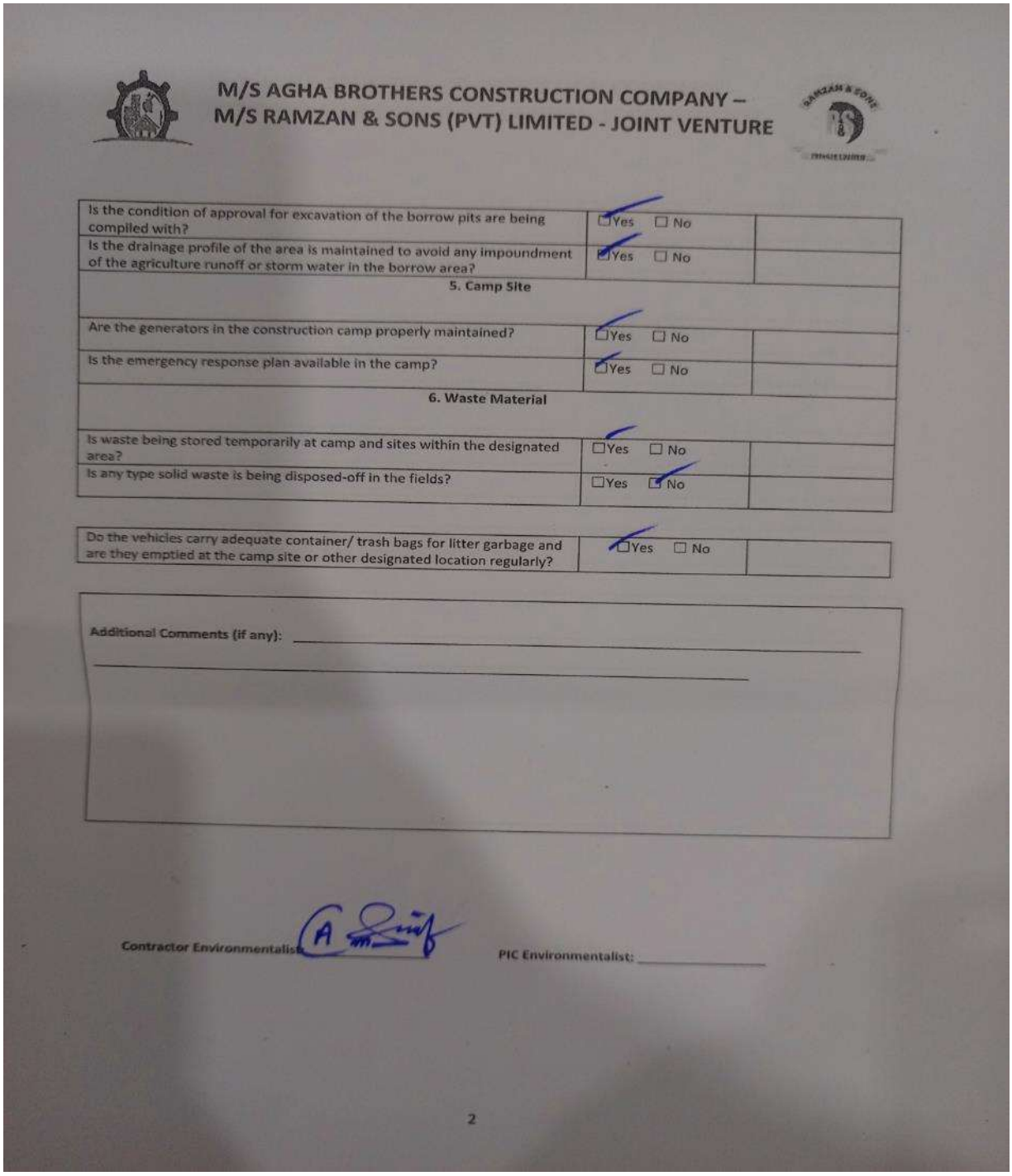
Monitoring Location: Camp site

Date: 14/10/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☑Yes ☐No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manjalo

Package No. NCB -07

Monitoring Location: Camp site

Date: 21/10/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☑Yes ☐ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo

Package No. NCB -07

Monitoring Location: camp site

Date: 28/10/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☑Yes ☐No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑ No	
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo Package No. NCB -07

Monitoring Location: Camp site Date: 7/11/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☐ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☐Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☐Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☐Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (If any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyala

Package No. NCB -07

Monitoring Location: Camp Site

Date: 14/11/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☐Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☐Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☐Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☐Yes ☐ No	
Is the emergency response plan available in the camp?	☐Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☐Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☐ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☐Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manjalo Package No. NCB -07

Monitoring Location: Comp Site Date: 21/11/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☐ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☐Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑ No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyala

Package No. NCB -07

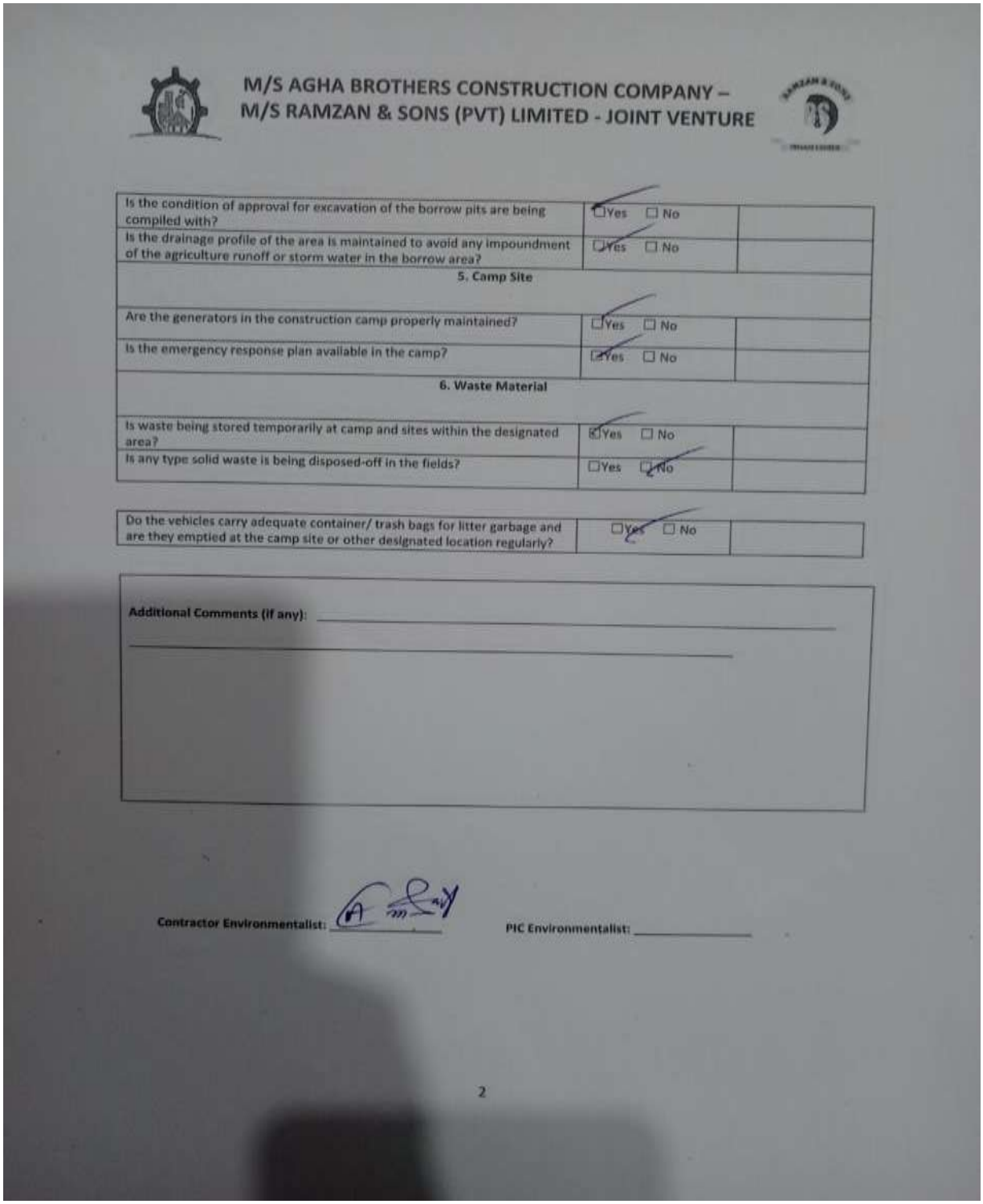
Monitoring Location: Camp Site

Date: 28/11/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑Yes ☐ No	
Is the emergency response plan available in the camp?	☑Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐Yes ☑No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyolo **Package No. NCB -07**

Monitoring Location: Camp Site **Date:** 7/12/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (If any): _____

_____

Contractor Environmentalist: _____ PIC Environmentalist: _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyala **Package No. NCB -07**

Monitoring Location: Camp Site **Date:** 14/12/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐ No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐ No	
Are the number of routes kept to a minimum?	☑Yes ☐ No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑Yes ☐ No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

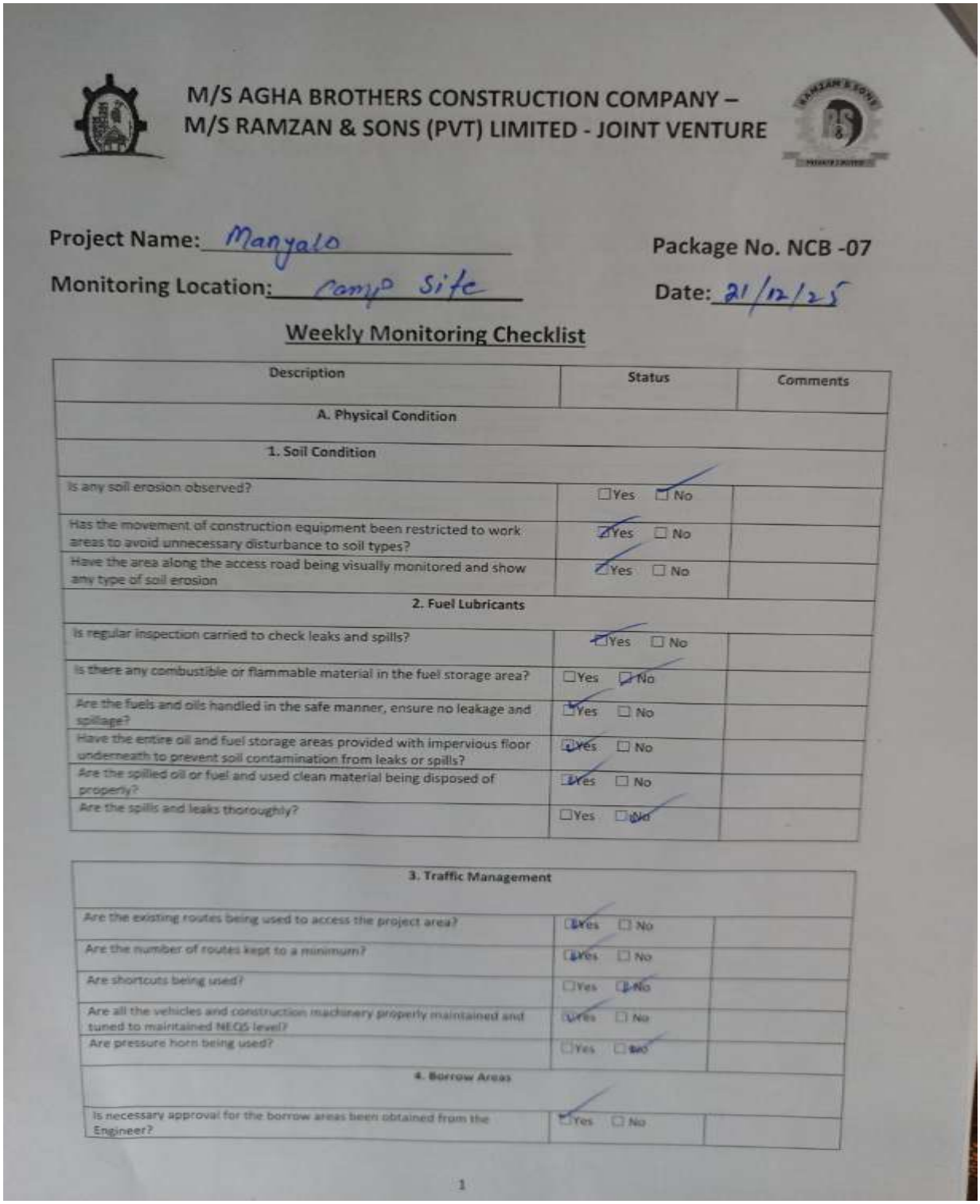
Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (If any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalo

Package No. NCB -07

Monitoring Location: camp Site

Date: 21/12/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐Yes ☑No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑Yes ☐No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑Yes ☐No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑Yes ☐No	
Is there any combustible or flammable material in the fuel storage area?	☐Yes ☑No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑Yes ☐No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑Yes ☐No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑Yes ☐No	
Are the spills and leaks thoroughly?	☐Yes ☑No	
3. Traffic Management		
Are the existing routes being used to access the project area?	☑Yes ☐No	
Are the number of routes kept to a minimum?	☑Yes ☐No	
Are shortcuts being used?	☐Yes ☑No	
Are all the vehicles and construction machinery properly maintained and tuned to mairitained NEQS level?	☑Yes ☐No	
Are pressure horn being used?	☐Yes ☑No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑Yes ☐No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

M/S AGHA BROTHERS CONSTRUCTION COMPANY – M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Project Name: Manyalco **Package No. NCB -07**

Monitoring Location: Camp Site **Date:** 28/12/25

Weekly Monitoring Checklist

Description	Status	Comments
A. Physical Condition		
1. Soil Condition		
Is any soil erosion observed?	☐ Yes ☑ No	
Has the movement of construction equipment been restricted to work areas to avoid unnecessary disturbance to soil types?	☑ Yes ☐ No	
Have the area along the access road being visually monitored and show any type of soil erosion	☑ Yes ☐ No	
2. Fuel Lubricants		
Is regular inspection carried to check leaks and spills?	☑ Yes ☐ No	
Is there any combustible or flammable material in the fuel storage area?	☐ Yes ☑ No	
Are the fuels and oils handled in the safe manner, ensure no leakage and spillage?	☑ Yes ☐ No	
Have the entire oil and fuel storage areas provided with impervious floor underneath to prevent soil contamination from leaks or spills?	☑ Yes ☐ No	
Are the spilled oil or fuel and used clean material being disposed of properly?	☑ Yes ☐ No	
Are the spills and leaks thoroughly?	☐ Yes ☑ No	

Description	Status	Comments
3. Traffic Management		
Are the existing routes being used to access the project area?	☑ Yes ☐ No	
Are the number of routes kept to a minimum?	☑ Yes ☐ No	
Are shortcuts being used?	☐ Yes ☑ No	
Are all the vehicles and construction machinery properly maintained and tuned to maintained NEQS level?	☑ Yes ☐ No	
Are pressure horn being used?	☐ Yes ☑ No	
4. Borrow Areas		
Is necessary approval for the borrow areas been obtained from the Engineer?	☑ Yes ☐ No	

1

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Is the condition of approval for excavation of the borrow pits are being compiled with?	☑ Yes ☐ No	
Is the drainage profile of the area is maintained to avoid any impoundment of the agriculture runoff or storm water in the borrow area?	☑ Yes ☐ No	
5. Camp Site		
Are the generators in the construction camp properly maintained?	☑ Yes ☐ No	
Is the emergency response plan available in the camp?	☑ Yes ☐ No	
6. Waste Material		
Is waste being stored temporarily at camp and sites within the designated area?	☑ Yes ☐ No	
Is any type solid waste is being disposed-off in the fields?	☐ Yes ☑ No	

Do the vehicles carry adequate container/ trash bags for litter garbage and are they emptied at the camp site or other designated location regularly?	☑ Yes ☐ No	

Additional Comments (if any): _____

_____

Contractor Environmentalist: _____ **PIC Environmentalist:** _____

2

Annexure II: Monthly Environmental Monitoring Checklist

Construction of Siri Toi Dam Sub Project ICB-01

July, 2025

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

Location : Camp & Project site Date ; 31 / 7 / 2025

Monthly Environmental Compliance Checklist

s. No	Description	Week 1	Week 2	Week 3	Week 4	Month -
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	3	3	3	3	3
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	3	3	3	3	3
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities. First Aid Kit is provided at camp and individual nominated for addressing emergency?	1	1	1	1	1
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	1	1	1	1	1
10	Contractor maintained Grievances Log registered the complaints from community?	3	3	3	3	3
11	Contractors prohibited child labor and forced labor?	3	3	3	3	3
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	3	3	3	3	3
13	Septic tank and Soak Pits are designed for treatment of effluents?	3	3	3	3	3
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	2	2	2	2	2
16	Availability of an updated emergency vehicle (Ambulance)	2	2	2	2	2
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	2	2	2	2	2
21	Safety signs are properly displayed?	2	2	2	2	2
22	Contractor provided training to workers to effectively implement project specific EMP?	2	2	2	2	2
23	Contractors followed HSE plan and Emergency Response Procedures	2	2	2	2	2
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	2	2	2	2	2
25	Natural areas with high elevation are normally selected as borrow areas?	2	2	2	2	2
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	2	2	2	2	2
		2	2	2	2	2
27	Stockpiling of Material , Construction Material Management	2	2	2	2	2
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	2	2	2	2	2
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to Row and shoulder areas only?	2	2	2	2	2
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	2	2	2	2	2
34	Batching plant properly managed, no complaints	2	2	2	2	2
35	Project activities are displayed at proper locations	2	2	2	2	2

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

Minor Adverse Impacts and Good Practice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	1	1	1	1	1
38	Labor Screening at the time of induction	1	1	1	1	1
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	1	1	1	1	1
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	1	1	1	1	1
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	1	1	1	1	1
47	Construction and Maintenance of Walkways	1	1	1	1	1
48	Dust Generation during construction well managed and record exists	1	1	1	1	1
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	1	1	1	1	1
56	Daily, Weekly and Monthly Checklists are filled regularly	1	1	1	1	1
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)	+	+	+	+	150
	Monthly Percentage					

Key:
(Percentage) 100 = Excellent
Above 80 = Good Above 60 = Average
Below 40 = Below Average
Below 33 = Unsatisfactory

CONTRACTOR ENVIRONMENTALIST

PIC ENVIRONMENTALIST

August, 2025

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

Location : Spillway Date : 31 / 8 / 2025

Monthly Environmental Compliance Checklist

s. No	Description	Week 1	Week 2	Week 3	Week 4	Month
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	3	3	3	3	3
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	3	3	3	3	3
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	3	3	3	3	3
11	Contractors prohibited child labor and forced labor?	3	3	3	3	3
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	3	3	3	3	3
13	Septic tank and Soak Pits are designed for treatment of effluents?	3	3	3	3	3
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	2	2	2	2	2
16	Availability of an updated emergency vehicle (Ambulance)	2	2	2	2	2
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	2	2	2	2	2
21	Safety signs are properly displayed?	2	2	2	2	2
22	Contractor provided training to workers to effectively implement project specific EMP?	2	2	2	2	2
23	Contractors followed HSE plan and Emergency Response Procedures	2	2	2	2	2
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	2	2	2	2	2
25	Natural areas with high elevation are normally selected as borrow areas?	2	2	2	2	2
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	2	2	2	2	2
		2	2	2	2	2
27	Stockpiling of Material , Construction Material Management	2	2	2	2	2
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	2	2	2	2	2
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to Row and shoulder areas only?	2	2	2	2	2
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	2	2	2	2	2
34	Batching plant properly managed, no complaints	2	2	2	2	2
35	Project activities are displayed at proper locations	2	2	2	2	2

NOOR UL HAQ & BROTHERS

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

Minor Adverse Impacts and Good Practice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	1	1	1	1	1
38	Labor Screening at the time of induction	1	1	1	1	1
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	1	1	1	1	1
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	1	1	1	1	1
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	1	1	1	1	1
47	Construction and Maintenance of Walkways	1	1	1	1	1
48	Dust Generation during construction well managed and record exists	1	1	1	1	1
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	1	1	1	1	1
56	Daily, Weekly and Monthly Checklists are filled regularly	1	1	1	1	1
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)	=	-	-	=	107
	Monthly Percentage					

Key:
(Percentage) 100
= Excellent
Above 80 =
Good Above 60 =
Average
Below 40 = Below Average
Below 33 = Unsatisfactory

CONTRACTOR ENVIRONMENTALIST

PIC ENVIRONMENTALIST

September, 2025

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

Location : Spillway Date : 31 / 9 / 2025

Monthly Environmental Compliance Checklist

s. No	Description	Week				Month
		1	2	3	4	-
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	3	3	3	3	3
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	3	3	3	3	3
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	3	3	3	3	3
11	Contractors prohibited child labor and forced labor?	3	3	3	3	3
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	3	3	3	3	3
13	Septic tank and Soak Pits are designed for treatment of effluents?	3	3	3	3	3
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	2	2	2	2	2
16	Availability of an updated emergency vehicle (Ambulance)	2	2	2	2	2
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	2	2	2	2	2
21	Safety signs are properly displayed?	2	2	2	2	2
22	Contractor provided training to workers to effectively implement project specific EMP?	2	2	2	2	2
23	Contractors followed HSE plan and Emergency Response Procedures	2	2	2	2	2
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	2	2	2	2	2
25	Natural areas with high elevation are normally selected as borrow areas?	2	2	2	2	2
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	2	2	2	2	2
		2	2	2	2	2
27	Stockpiling of Material , Construction Material Management	2	2	2	2	2
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	2	2	2	2	2
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to Row and shoulder areas only?	2	2	2	2	2
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	2	2	2	2	2
34	Batching plant properly managed, no complaints	2	2	2	2	2
35	Project activities are displayed at proper locations	2	2	2	2	2

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

	Minor Adverse Impacts and Good Practice (weightage 0-1)					
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	1	1	1	1	1
38	Labor Screening at the time of induction	1	1	1	1	1
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	1	1	1	1	1
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	1	1	1	1	1
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	1	1	1	1	1
47	Construction and Maintenance of Walkways	1	1	1	1	1
48	Dust Generation during construction well managed and record exists	1	1	1	1	1
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	1	1	1	1	1
56	Daily, Weekly and Monthly Checklists are filled regularly	1	1	1	1	1
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)	+	+	+	+	109
	Monthly Percentage					

100% Percentage

Key:
(Percentage) 100
= Excellent
Above 80 =
Good Above 60 =
Average
Below 40 = Below Average
Below 33 = Unsatisfactory

CONTRACTOR ENVIRONMENTALIST

For Rawal (S.E)
PIC ENVIRONMENTALIST

October, 2025

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

Location : Dyke Date ; 31 / 10 /2025

Monthly Environmental Compliance Checklist

s. No	Description	Week				Month
		1	2	3	4	-
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	3	3	3	3	3
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	3	3	3	3	3
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	1	1	1	1	1
10	Contractor maintained Grievances Log registered the complaints from community?	3	3	3	3	3
11	Contractors prohibited child labor and forced labor?	3	3	3	3	3
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	3	3	3	3	3
13	Septic tank and Soak Pits are designed for treatment of effluents?	3	3	3	3	3
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	2	2	2	2	2
16	Availability of an updated emergency vehicle (Ambulance)	2	2	2	2	2
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	2	2	2	2	2
21	Safety signs are properly displayed?	2	2	2	2	2
22	Contractor provided training to workers to effectively implement project specific EMP?	2	2	2	2	2
23	Contractors followed HSE plan and Emergency Response Procedures	2	2	2	2	2
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	2	2	2	2	2
25	Natural areas with high elevation are normally selected as borrow areas?	2	2	2	2	2
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	2	2	2	2	2
		2	2	2	2	2
27	Stockpiling of Material , Construction Material Management	2	2	2	2	2
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	2	2	2	2	2
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to Row and shoulder areas only?	2	2	2	2	2
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	2	2	2	2	2
34	Batching plant properly managed, no complaints	2	2	2	2	2
35	Project activities are displayed at proper locations	2	2	2	2	2

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

Minor Adverse Impacts and Good Practice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	1	1	1	1	1
38	Labor Screening at the time of induction	1	1	1	1	1
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	1	1	1	1	1
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	1	1	1	1	1
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	1	1	1	1	1
47	Construction and Maintenance of Walkways	1	1	1	1	1
48	Dust Generation during construction well managed and record exists	1	1	1	1	1
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	1	1	1	1	1
56	Daily, Weekly and Monthly Checklists are filled regularly	1	1	1	1	1
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)	=	=	=	=	107
	Monthly Percentage					

Key:
(Percentage) 100 = Excellent
Above 80 = Good
Above 60 = Average
Below 40 = Below Average
Below 33 = Unsatisfactory

CONTRACTOR ENVIRONMENTALIST

PIC ENVIRONMENTALIST

November, 2025

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

Location : Campsea Date : 30 / 11 / 2025

Monthly Environmental Compliance Checklist

s. No	Description	Week				Month
		1	2	3	4	-
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	3	3	3	3	3
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	3	3	3	3	3
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	3	3	3	3	3
11	Contractors prohibited child labor and forced labor?	3	3	3	3	3
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	3	3	3	3	3
13	Septic tank and Soak Pits are designed for treatment of effluents?	3	3	3	3	3
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	2	2	2	2	2
16	Availability of an updated emergency vehicle (Ambulance)	2	2	2	2	2
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	2	2	2	2	2
21	Safety signs are properly displayed?	2	2	2	2	2
22	Contractor provided training to workers to effectively implement project specific EMP?	2	2	2	2	2
23	Contractors followed HSE plan and Emergency Response Procedures	2	2	2	2	2
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	2	2	2	2	2
25	Natural areas with high elevation are normally selected as borrow areas?	2	2	2	2	2
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	2	2	2	2	2
		2	2	2	2	2
27	Stockpiling of Material , Construction Material Management	2	2	2	2	2
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	2	2	2	2	2
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to Row and shoulder areas only?	1	1	1	1	1
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	1	1	1
34	Batching plant properly managed, no complaints	1	1	1	1	1
35	Project activities are displayed at proper locations	1	1	1	1	1

ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

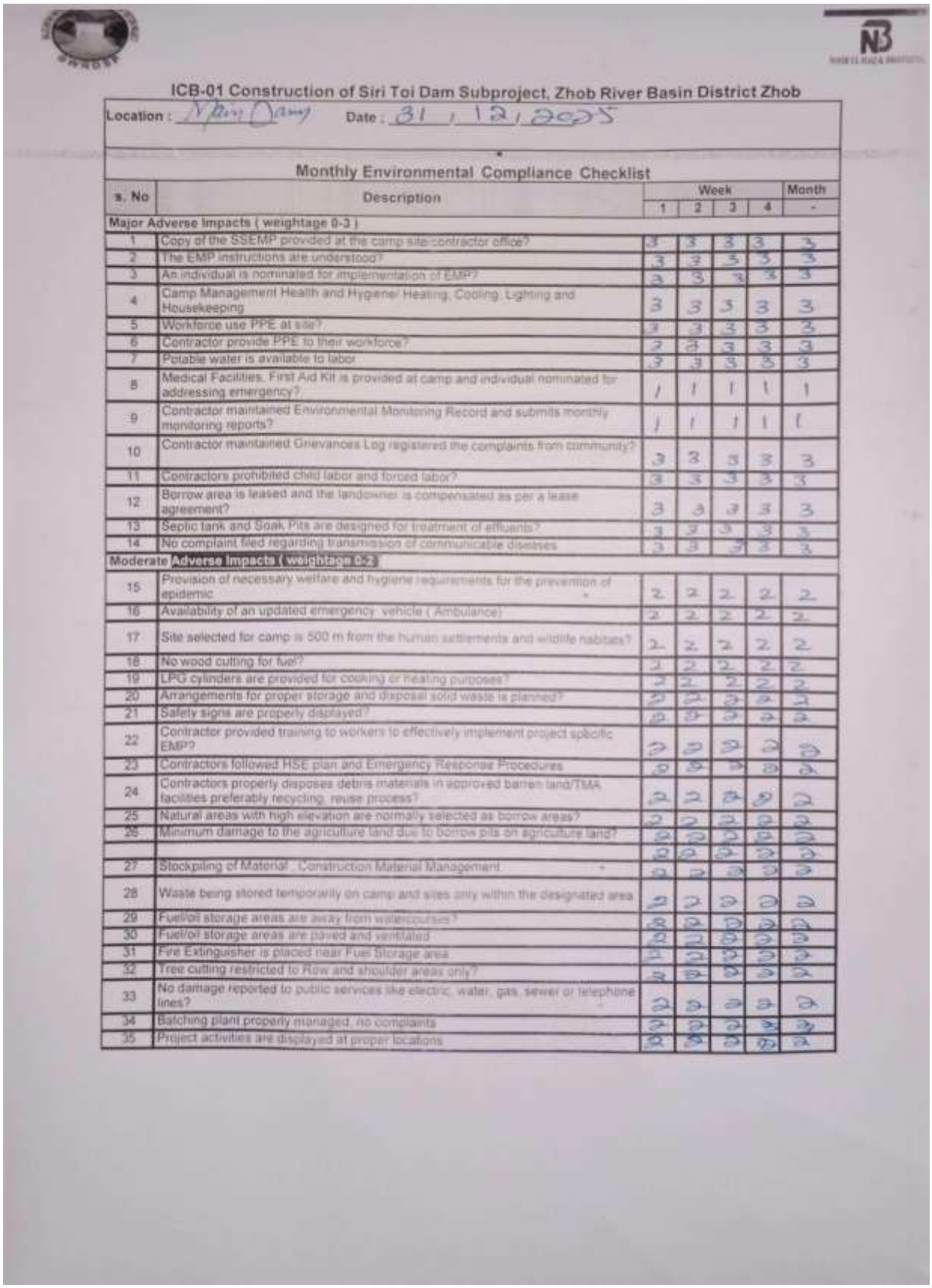
Minor Adverse Impacts and Good Practice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	1	1	1	1	1
38	Labor Screening at the time of induction	1	1	1	1	1
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	1	1	1	1	1
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	1	1	1	1	1
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	1	1	1	1	1
47	Construction and Maintenance of Walkways	1	1	1	1	1
48	Dust Generation during construction well managed and record exists	1	1	1	1	1
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	1	1	1	1	1
56	Daily, Weekly and Monthly Checklists are filled regularly	1	1	1	1	1
57	Storage of Hazardous Material in designated areas MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					
	Monthly Percentage					105

Key:
(Percentage) 100
= Excellent
Above 80 =
Good Above 60 =
Average
Below 40 = Below Average
Below 33 = Unsatisfactory

CONTRACTOR ENVIRONMENTALIST

PIC ENVIRONMENTALIST

December, 2025

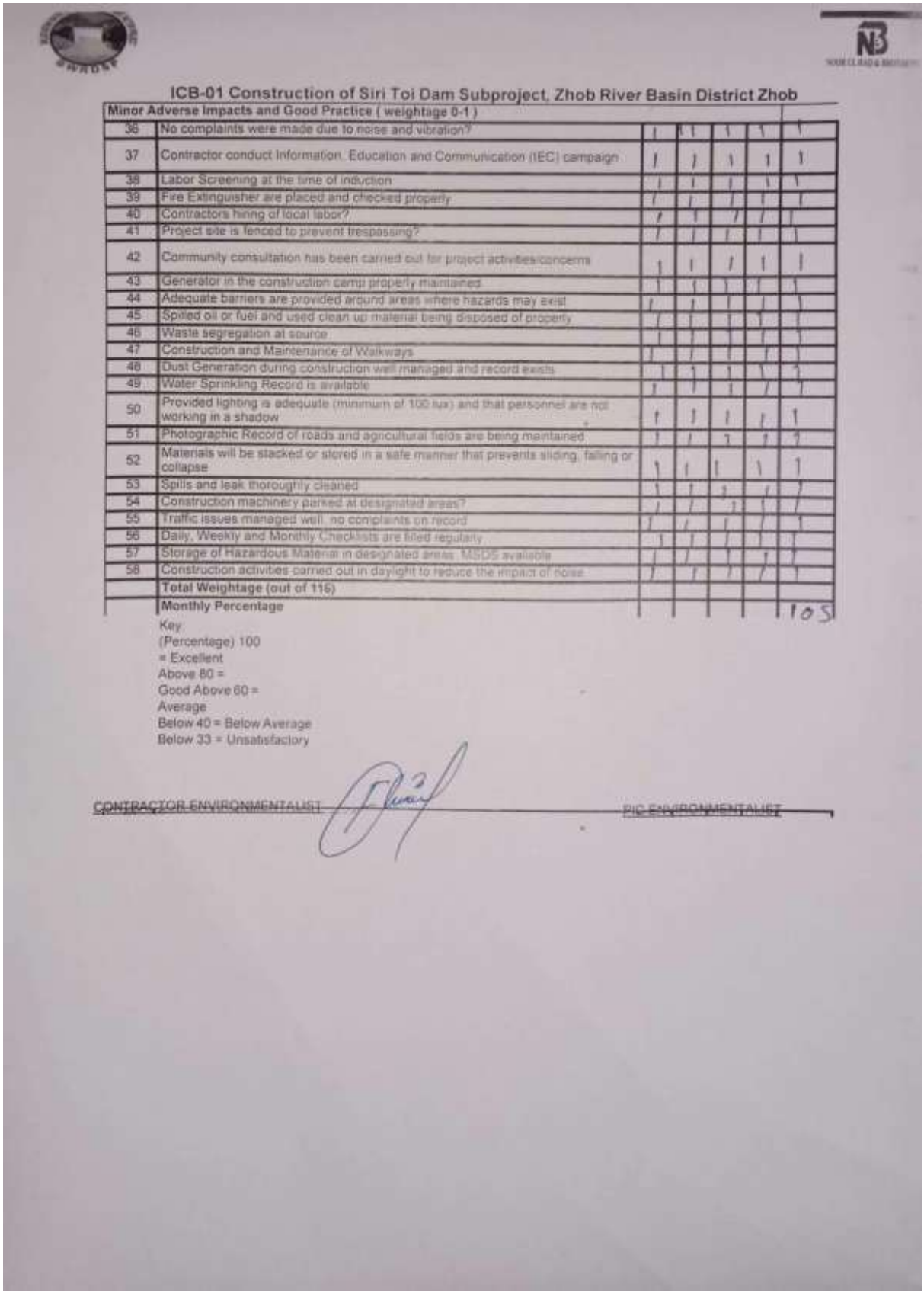


ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

Location : Siri Dam Date : 31 / 12 / 2025

Monthly Environmental Compliance Checklist

s. No	Description	Week				Month
		1	2	3	4	-
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	3	3	3	3	3
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	3	3	3	3	3
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities. First Aid Kit is provided at camp and individual nominated for addressing emergency?	1	1	1	1	1
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	1	1	1	1	1
10	Contractor maintained Grievances Log registered the complaints from community?	3	3	3	3	3
11	Contractors prohibited child labor and forced labor?	3	3	3	3	3
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	3	3	3	3	3
13	Septic tank and Soak Pits are designed for treatment of effluents?	3	3	3	3	3
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	2	2	2	2	2
16	Availability of an updated emergency vehicle (Ambulance)	2	2	2	2	2
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	2	2	2	2	2
21	Safety signs are properly displayed?	2	2	2	2	2
22	Contractor provided training to workers to effectively implement project specific EMP?	2	2	2	2	2
23	Contractors followed HSE plan and Emergency Response Procedures	2	2	2	2	2
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	2	2	2	2	2
25	Natural areas with high elevation are normally selected as borrow areas?	2	2	2	2	2
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	2	2	2	2	2
		2	2	2	2	2
27	Stockpiling of Material . Construction Material Management	2	2	2	2	2
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	2	2	2	2	2
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to ROW and shoulder areas only?	2	2	2	2	2
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	2	2	2	2	2
34	Batching plant properly managed, no complaints	2	2	2	2	2
35	Project activities are displayed at proper locations	2	2	2	2	2



ICB-01 Construction of Siri Toi Dam Subproject, Zhob River Basin District Zhob

	Minor Adverse Impacts and Good Practice (weightage 0-1)					
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	1	1	1	1	1
38	Labor Screening at the time of induction	1	1	1	1	1
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	1	1	1	1	1
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	1	1	1	1	1
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	1	1	1	1	1
47	Construction and Maintenance of Walkways	1	1	1	1	1
48	Dust Generation during construction well managed and record exists	1	1	1	1	1
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	1	1	1	1	1
56	Daily, Weekly and Monthly Checklists are filled regularly	1	1	1	1	1
57	Storage of Hazardous Material in designated areas, MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					
	Monthly Percentage					105

Key
(Percentage) 100
= Excellent
Above 80 =
Good Above 60 =
Average
Below 40 = Below Average
Below 33 = Unsatisfactory

CONTRACTOR ENVIRONMENTALIST PIC ENVIRONMENTALIST

Pashta Khan and Garambowad Perennial Irrigation Sub (NCB- 04)

July, 2025

Name of The Project: Construction of Pashta Khan and Garambowad Perennial Sub Project NCB-04
Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	July 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	2	3	2.75
2	The EMP instructions are understood?	3	2	2	3	2.25
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	3	3	3	3
5	Workforce use PPE at site?	3	1	3	3	2.75
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	July 2025
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	2	3	2	3	2.75
23	Contractors followed HSE plan and Emergency Response Procedures	2	2	2	2	2
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	1	1	2	1.25
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	1	1	1
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	July 2025
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	0	0	1	0.25
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**81.12**
	Monthly Percentage					**74.26%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

August, 2025

Name of The Project: Construction of Pashta Khan and Garambowad Perennial Sub Project NCB-04						
Environmental Compliance Checklist						
Sr.no	**Description**	**Week**				**Monthly Avg**
		1	**2**	**3**	**4**	**August, 2025**
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	2	3	2.75
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	2	3	3	2.75
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	3	3	3	2.75
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	1	3	2	2	2

18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	3	3	3
23	Contractors followed HSE plan and Emergency Response Procedures	3	3	3	3	3
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	1	3	2	1.75
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	1	1	1
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25

42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	1	0	1	0.75
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**82%**
	Monthly Percentage					**71.%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average					

September, 2025

Name of The Project: Construction of Pashta Khan and Garambowad Perennial Sub Project NCB-04

Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Sep, 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	2	3	3	3	2.75
2	The EMP instructions are understood?	3	3	2	3	2.75
3	An individual is nominated for implementation of EMP?	3	2	3	3	2.75
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	3	3	3	2.75
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	1	3	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Sep, 2025
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	1	3	2.25
23	Contractors followed HSE plan and Emergency Response Procedures	2	3	3	3	2.75
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	1	3	2	1.75
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	1	1	1
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Sep, 2025
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	1	0	1	0.75
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**83.14**
	Monthly Percentage					**70.19%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

October, 2025

Name of The Project: Construction of Pashta Khan and Garambowad Perennial Sub Project NCB-04

Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Oct, 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	2	3	2	3	2.25
2	The EMP instructions are understood?	1	3	2	3	2
3	An individual is nominated for implementation of EMP?	3	2	3	3	2.75
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	3	3	3	2.75
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	1	3	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Oct, 2025
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	1	3	2.25
23	Contractors followed HSE plan and Emergency Response Procedures	2	3	3	3	2.75
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	1	3	2	1.75
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	1	1	1
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Oct, 2025
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	1	0	1	0.75
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**81%**
	Monthly Percentage					**70.2%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

November, 2025

Name of The Project: Construction of Pashta Khan and Garambowad Perennial Sub Project NCB-04

Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Nov, 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	2	3	3	2.75
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	3	3	3	2.75
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	1	3	2	2	2

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Nov, 2025
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	3	3	3
23	Contractors followed HSE plan and Emergency Response Procedures	1	3	3	3	2.25
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	1	3	2	1.75
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	1	1	1
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Nov, 2025
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	1	0	1	0.75
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**82%**
	Monthly Percentage					**71.%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

December, 2025

Name of The Project: Construction of Pashta Khan and Garambowad Perennial Sub Project NCB-04

Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Dec, 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	2	3	3	2.75
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	3	3	3	2.75
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	1	3	2	2	2

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Dec, 2025
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	3	3	3
23	Contractors followed HSE plan and Emergency Response Procedures	2	3	3	3	2.75
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	1	3	2	1.75
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	1	1	1
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	2	2	2
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Dec, 2025
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	1	0	1	0.75
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**83.45**
	Monthly Percentage					**70.85%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Sub Project – Mula River Basin (NCB-07)

July, 2025

Name of The Project: Construction of Manyalo ,Raiko and Rind Ali Perennial Sub-Project – Mulla River Basin NCB-07

Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	July, 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	1	0	3	3	2
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	2	2	3	2.25
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	July, 2025
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	3	3	3
23	Contractors followed HSE plan and Emergency Response Procedures	2	3	3	1	2.75
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	2	1	2	1.75
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	2	1	1.25
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	1	2	1.75
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	July, 2025
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	0	0	1	0.25
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**82.13**
	Monthly Percentage					**75.09%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

August, 2025

Name of The Project: Construction of Manyalo ,Raiko and Rind Ali Perennial Sub-Project – Mulla River Basin NCB-07						
Environmental Compliance Checklist						
Sr.no	**Description**	**Week**				**Monthly Avg**
		1	**2**	**3**	**4**	**August, 2025**
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	2	3	3
2	The EMP instructions are understood?	3	2	3	3	2.75
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	2	2	3	2.25
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2

18	No wood cutting for fuel?	2	2	2	2	2
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	2	3	2.75
23	Contractors followed HSE plan and Emergency Response Procedures	3	3	3	3	3
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	2	3	2	2.25
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	2	1	1.25
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	1	2	1.75
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25

42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	0	0	1	0.25
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**81.14**
	Monthly Percentage					**72.19%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

September, 2025

Name of The Project: Construction of Manyalo ,Raiko and Rind Ali Perennial Sub-Project – Mulla River Basin NCB-07

Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Sep, 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	2	3	3	2.75
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	1	2	3	3	2.25
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	2	2	3	2.25
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Sep, 2025
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	2	3	2.71
23	Contractors followed HSE plan and Emergency Response Procedures	2	3	3	3	2.25
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	2	1	2	1.75
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	2	1	1.25
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	1	2	1.75
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Sep, 2025
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	0	0	1	0.25
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**80.32**
	Monthly Percentage					**72.80%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

October, 2025

Name of The Project: Construction of Manyalo ,Raiko and Rind Ali Perennial Sub-Project – Mulla River Basin NCB-07

Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Oct, 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	2	3	3	2.75
3	An individual is nominated for implementation of EMP?	1	2	3	3	2.25
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	2	2	3	2.25
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Oct, 2025
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	2	3	2.75
23	Contractors followed HSE plan and Emergency Response Procedures	2	3	3	3	2.25
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	2	1	2	1.75
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	2	1	1.25
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	1	2	1.75
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Oct, 2025
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	0	0	1	0.25
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**80.2**
	Monthly Percentage					**71.12%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

November, 2025

Name of The Project: Construction of Manyalo ,Raiko and Rind Ali Perennial Sub-Project – Mulla River Basin NCB-07

Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Nov, 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	1	2	3	2.25
2	The EMP instructions are understood?	3	3	3	3	3
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	2	2	3	2.25
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Nov, 2025
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	3	3	3
23	Contractors followed HSE plan and Emergency Response Procedures	3	3	3	3	3
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	1	2	3	2	2.25
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	2	1	1.25
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	1	2	1.75
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Nov, 2025
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	0	0	1	0.25
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**82.2**
	Monthly Percentage					**72.23%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

December, 2025

Name of The Project: Construction of Manyalo ,Raiko and Rind Ali Perennial Sub-Project – Mulla River Basin NCB-07

Environmental Compliance Checklist

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Dec, 2025
Major Adverse Impacts (weightage 0-3)						
1	Copy of the SSEMP provided at the camp site/contractor office?	3	3	3	3	3
2	The EMP instructions are understood?	3	1	3	3	2.75
3	An individual is nominated for implementation of EMP?	3	3	3	3	3
4	Camp Management Health and Hygiene/ Heating, Cooling, Lighting and Housekeeping	2	2	2	3	2.25
5	Workforce use PPE at site?	3	3	3	3	3
6	Contractor provide PPE to their workforce?	2	2	3	3	2.5
7	Potable water is available to labor	3	3	3	3	3
8	Medical Facilities, First Aid Kit is provided at camp and individual nominated for addressing emergency?	3	3	3	3	3
9	Contractor maintained Environmental Monitoring Record and submits monthly monitoring reports?	3	3	3	3	3
10	Contractor maintained Grievances Log registered the complaints from community?	1	2	2	2	1.75
11	Contractors prohibited child labor and forced labor?	2	2	3	3	2.5
12	Borrow area is leased and the landowner is compensated as per a lease agreement?	0	1	2	3	1.5
13	Septic tank and Soak Pits are designed for treatment of effluents?	2	2	2	2	2
14	No complaint filed regarding transmission of communicable diseases	3	3	3	3	3
Moderate Adverse Impacts (weightage 0-2)						
15	Provision of necessary welfare and hygiene requirements for the prevention of epidemic	1	1	2	2	1.5
16	Availability of an updated emergency vehicle (Ambulance)	1	1	2	2	1.5
17	Site selected for camp is 500 m from the human settlements and wildlife habitats?	2	2	2	2	2
18	No wood cutting for fuel?	2	2	2	2	2

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Dec, 2025
19	LPG cylinders are provided for cooking or heating purposes?	2	2	2	2	2
20	Arrangements for proper storage and disposal solid waste is planned?	1	1	2	2	1.5
21	Safety signs are properly displayed?	0	0	1	1	0.4
22	Contractor provided training to workers to effectively implement project specific EMP?	3	3	3	3	3
23	Contractors followed HSE plan and Emergency Response Procedures	3	3	3	3	3
24	Contractors properly disposes debris materials in approved barren land/TMA facilities preferably recycling, reuse process?	3	2	3	2	2.75
25	Natural areas with high elevation are normally selected as borrow areas?	1	1	2	1	1.25
26	Minimum damage to the agriculture land due to borrow pits on agriculture land?	1	1	2	2	1.5
27	Stockpiling of Material , Construction Material Management	1	1	1	1	1
28	Waste being stored temporarily on camp and sites only within the designated area	2	2	2	2	2
29	Fuel/oil storage areas are away from watercourses?	2	2	2	2	2
30	Fuel/oil storage areas are paved and ventilated	1	1	2	2	1.5
31	Fire Extinguisher is placed near Fuel Storage area	2	2	1	2	1.75
32	Tree cutting restricted to RoW and shoulder areas only?	1	1	2	2	1.5
33	No damage reported to public services like electric, water, gas, sewer or telephone lines?	1	1	2	2	1.5
34	Batching plant properly managed, no complaints	0	0	1	1	0.5
35	Project activities are displayed at proper locations	1	2	0	1	1
Minor Adverse Impacts and Good Pracrtice (weightage 0-1)						
36	No complaints were made due to noise and vibration?	1	1	1	1	1
37	Contractor conduct Information, Education and Communication (IEC) campaign	0.1	0.1	0.1	0.1	0.1
38	Labor Screening at the time of induction	0.3	0.3	0.5	0.5	0.4
39	Fire Extinguisher are placed and checked properly	1	1	1	1	1
40	Contractors hiring of local labor?	1	1	1	1	1

Sr.no	Description	Week				Monthly Avg
		1	2	3	4	Dec, 2025
41	Project site is fenced to prevent trespassing?	0	0	0	1	0.25
42	Community consultation has been carried out for project activities/concerns	1	1	1	1	1
43	Generator in the construction camp properly maintained	1	1	1	1	1
44	Adequate barriers are provided around areas where hazards may exist	0	0	0	1	0.25
45	Spilled oil or fuel and used clean up material being disposed of properly	1	1	1	1	1
46	Waste segregation at source	0	0	0	1	0.25
47	Construction and Maintenance of Walkways	0	0	0.4	0.5	0.22
48	Dust Generation during construction well managed and record exists	0.5	0.5	0.5	0.5	0.5
49	Water Sprinkling Record is available	1	1	1	1	1
50	Provided lighting is adequate (minimum of 100 lux) and that personnel are not working in a shadow	1	1	1	1	1
51	Photographic Record of roads and agricultural fields are being maintained	1	1	1	1	1
52	Materials will be stacked or stored in a safe manner that prevents sliding, falling or collapse	1	1	1	1	1
53	Spills and leak thoroughly cleaned	1	1	1	1	1
54	Construction machinery parked at designated areas?	1	1	1	1	1
55	Traffic issues managed well, no complaints on record	0.5	0.5	0.5	1	0.62
56	Daily, Weekly and Monthly Checklists are filled regularly	0	0	1	1	0.5
57	Storage of Hazardous Material in designated areas. MSDS available	1	1	1	1	1
58	Construction activities carried out in daylight to reduce the impact of noise	1	1	1	1	1
	Total Weightage (out of 116)					**81.12**
	Monthly Percentage					**72.90%**
	Key: (Percentage) 100 = Excellent Above 80 = Good Above 60 = Average Below 40 = Below Average Below 30 = Unsatisfactory					

Annexure III: Training Photographs and Attendance Sheet

Construction of Siri Toi Dam Sub Project (ICB-01)






Safety Trainings

Training Attendance

ATTENDANCE SHEET

(Health & Safety Training)

Topic : Proper Placement

Location : Civil Store

Date : 23-07-2025

Trainer Fayaz Ali = HSE Officer

Sr. No	Name of Participant	Designation	Signature
1	Adnan Ali	Store wehaje	
2	Shakib	Helper	
3	Arshad Khan	Helper	
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It is to be confirmed that the Health & Safety Training activity of "Proper placement" conducted by the contractor.

Signature of Trainer :

Health & Safety Specialist (BWRDSP) Consultants.

ATTENDANCE SHEET

(Health & Safety Training)

Topic : work at Height

Location : Spillway / Sisi Toi Dam Project

Date : 28-07-2025

Trainer Fayyaz Ali OHS Officer

Sr. No	Name of Participant	Designation	Signature
1	Nisar Ahmed	Foremen	
2	Mukhtiar Ali	Labour	
3	Mansoor Ali	Labour	
4	Shakeel Ahmed	Labour	
5	Zubair Ali	Labour	
6	Ramzan	Labour	
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It is to be conformed that the Health & Safety Training activity of "Work at Height" conducted by the contractor.

Signature of Trainer :

Health & Safety Specialist
(BWRDSP)
consultants.

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Scaffolding Training

Date: 01-08-2025

S. No.	Name	Designation	Signature
1.	Khadim Hussain	Sub. contractor	خادم
2.	Manzoor Ali	Labour	منظور
3.	Visas Ahmed	sub. contractor	
4.	Tunaib Ali	Labour	
5.	Mansoor	Labour	منصور
6.	Mashoque	Labour	مشتاق
7.	Ramzan	Labour	رمضان
8.	Zubair	Labour	زبیر
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Trainer Signature:

Training is conducted by the contractors representative

HSE Specialist

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Waste Management

Date: 05-08-2025

S. No.	Name	Designation	Signature
1.	Asim Khan	Labour	عاصم خان
2.	Nabeel Ahmed	Labour	نبیل احمد
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Trainer Signature: Fayaz

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: House Keeping

Date: 05-08-2025

S. No.	Name	Designation	Signature
1.	Asim Khan	Labour	عاصم خان
2.	Nabeel Ahmed	Labour	نبیل احمد
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Trainer Signature: Fayaz

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Fire Extinguishers use

Date: 07-08-2025

S. No.	Name	Designation	Signature
1.	Shakir Zaman	Store Helper	Shakir
2.	Asim	Store Helper	Asim
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Trainer Signature: Fayaz

BWRDSP

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Fire Safety in Kitchen

Date: 01-09-2025

S. No.	Name	Designation	Signature
1.	Imran Ali	Cook	عمران
2.	Zahid Hussain	Cook Helper	زاهد حسین
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Trainer Signature: Fayaz Ali

observed that the training conducted by the contractors by specialist

Syed Ullah Pirzada

H&S Specialist (BWRDSP Consultants)

BWRDSP

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: House Keeping

Date: 18-9-2025

S. No.	Name	Designation	Signature
1.	Adnan Ali	Labour	عدنان
2.	Manscor Ali	Labour	منصور
3.	Afiz Ali	Labour	حافظ
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Trainer Signature: [signature]

Training conducted by the contractor's safeguards specialist

[signature]

Safiullah Prasad

H&S Specialist (BWRDSP Unit)

BWRDSP

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Eyes and Hands Safety

Date: 18-9-2025

S. No.	Name	Designation	Signature
1.	Adnan Ali	Store Manger	[signature]
2.	Shakeel Zaman	Storekeeper	[signature]
3.	Arshad Khan	Storekeeper	[signature]
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Trainer Signature: [signature]

Training conducted by the contractors representative

[signature]

Safiullah Pirzada

HSE specialist (BWRDSP) [illegible]

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Safety culture

Date: 27-10-2025

S. No.	Name	Designation	Signature
1.	Kabis Ahmad	Mistri	
2.	Bago	Helper	
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Trainer Signature:

For

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Proper Placement

Date: 15-10-2025

S. No.	Name	Designation	Signature
1.	Arshad Ali	Cook Helper	ارشد
2.	Qadees	Housekeeper	قدیر
3.	Imran Ali	Cook	عمران
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Trainer Signature:

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Housekeeping

Date: 16-10-2025

S. No.	Name	Designation	Signature
1.	Imran Ali	Cook	عمران
2.	Nadeem	Housekeeper	ندیم
3.	Qadeer	Housekeeper	قدیر
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Trainer Signature:

For (T.E)

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Personal care and Conduct

Date: 18-10-2025

S. No.	Name	Designation	Signature
1.	Mubeen	Munshi	مبین
2.	Akhtiar Ali	Labour	اختیار
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Trainer Signature:

For

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Awaress for Site Sensetive areas

Date: 05-11-2025

S. No.	Name	Designation	Signature
1.	Imdad Ali	Labour	امداد علی
2.	Ali Asghar	Labour	علی اصغر
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Trainer Signature: _____

For [illegible] J.E

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Importance of PPE's

Date: 05-11-2025

S. No.	Name	Designation	Signature
1.	Ali asghas	Labour	
2.	Imdad Baches	Labour	
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Trainer Signature:

Fr TE

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Material Handling / Housekeeping

Date: 7-11-2025

S. No.	Name	Designation	Signature
1.	Kabir Ali	Mistri	
2.	Junaid	Labour	
3.	Amir	Labour	
4.	Bago	Labour	
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Trainer Signature:

For JE

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Excavation Safety

Date: 13-11-2025

S. No.	Name	Designation	Signature
1.	Shoaib	Machinary incharge	
2.	Hamidullah	Labours	
3.	Nawaz Ali	Surveyor	
4.	Naimatullah	Excavator opt	
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Trainer Signature:

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Excavation Safety

Date: 26.11.25

S. No.	Name	Designation	Signature
1.	Majid Hussain	Labour	
2.	Ishrat Ali	Labour	
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Trainer Signature: _____ Fr

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: PPE,s Compliance

Date: 26-11-25

S. No.	Name	Designation	Signature
1.	Usmat Ali	Labour	
2.	Majid Hussain	Labour	
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Trainer Signature:

NOOR UL HAQ & BROTHERS

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: Slope Protection

Date: 27-4-25

S. No.	Name	Designation	Signature
1.	Khadim Hussain	Munchi	خادم حسین
2.	Gh. Shabeer	Labour	غلام شبیر
3.	Imdad Ali	Labour	امداد علی
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Trainer Signature:

Fr J.E

ICB-01 CONSTRUCTION OF SIRI TOI DAM SUB PROJECT, ZHOB RIVER BASIN

Training Attendance Sheet

Topic: work at Height

Date: 27-11-2025

S. No.	Name	Designation	Signature
1.	Khadim Hussain	Munshi	
2.	Imdad Ali	Labours	
3.	Ch. Shabees	Labours	
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Trainer Signature:

for D.E

Pashta Khan and Garambowad Perennial Irrigation Sub (NCB- 04)


July


August


September

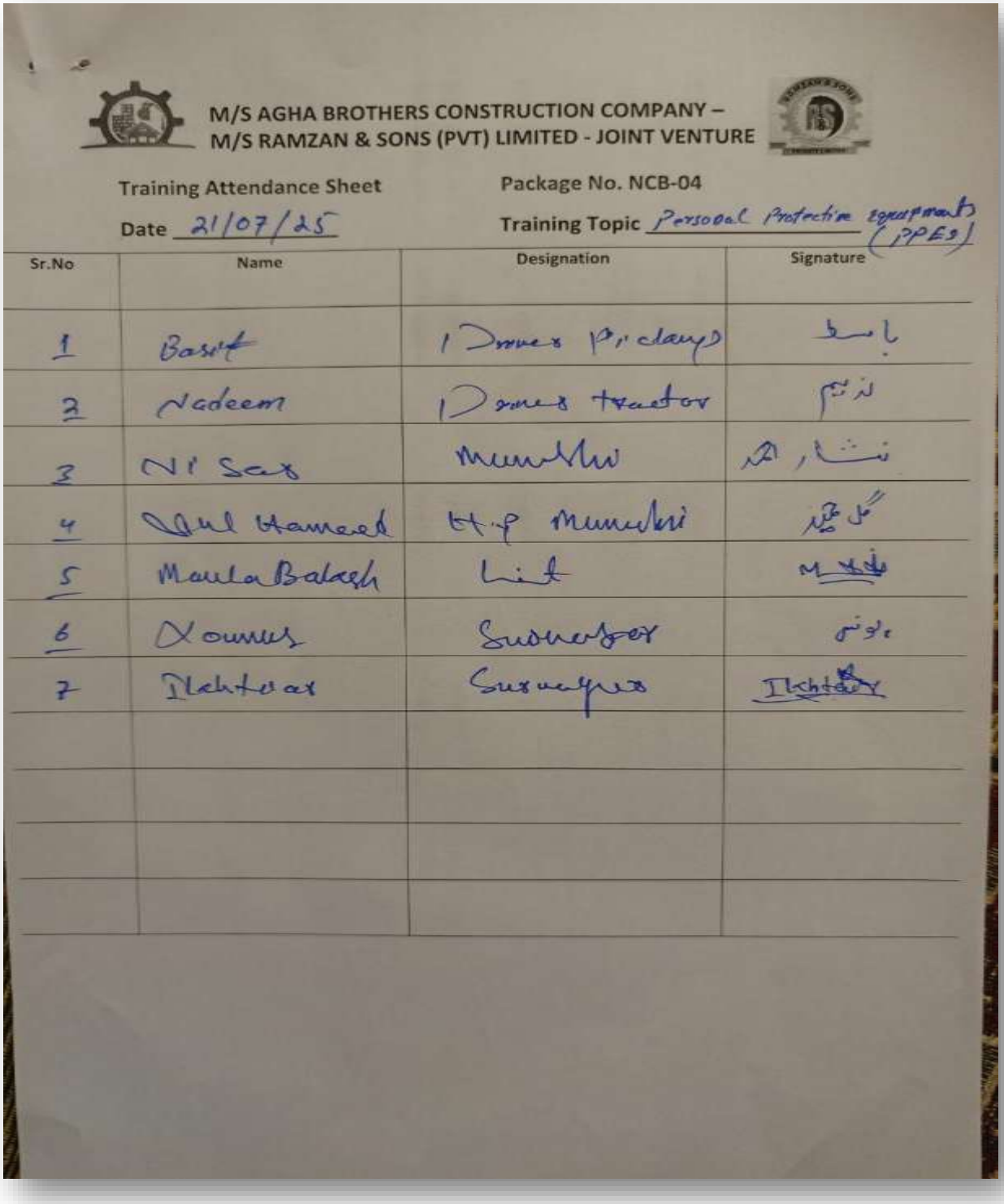

October

November

December

Training Attendance

July, 2025



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet Package No. NCB-04

Date 21/07/25 Training Topic Personal Protective equipments (PPEs)

Sr.No	Name	Designation	Signature
1	Basit	Dumper Pilot	
2	Nadeem	Dumper tractor	
3	Nisar	Munshi	
4	Abdul Hameed	H.P Munshi	
5	Maula Baksh	Lift	
6	Younus	Supervisor	
7	Ikhtiar	Supervisor	Ikhtiar

August, 2025

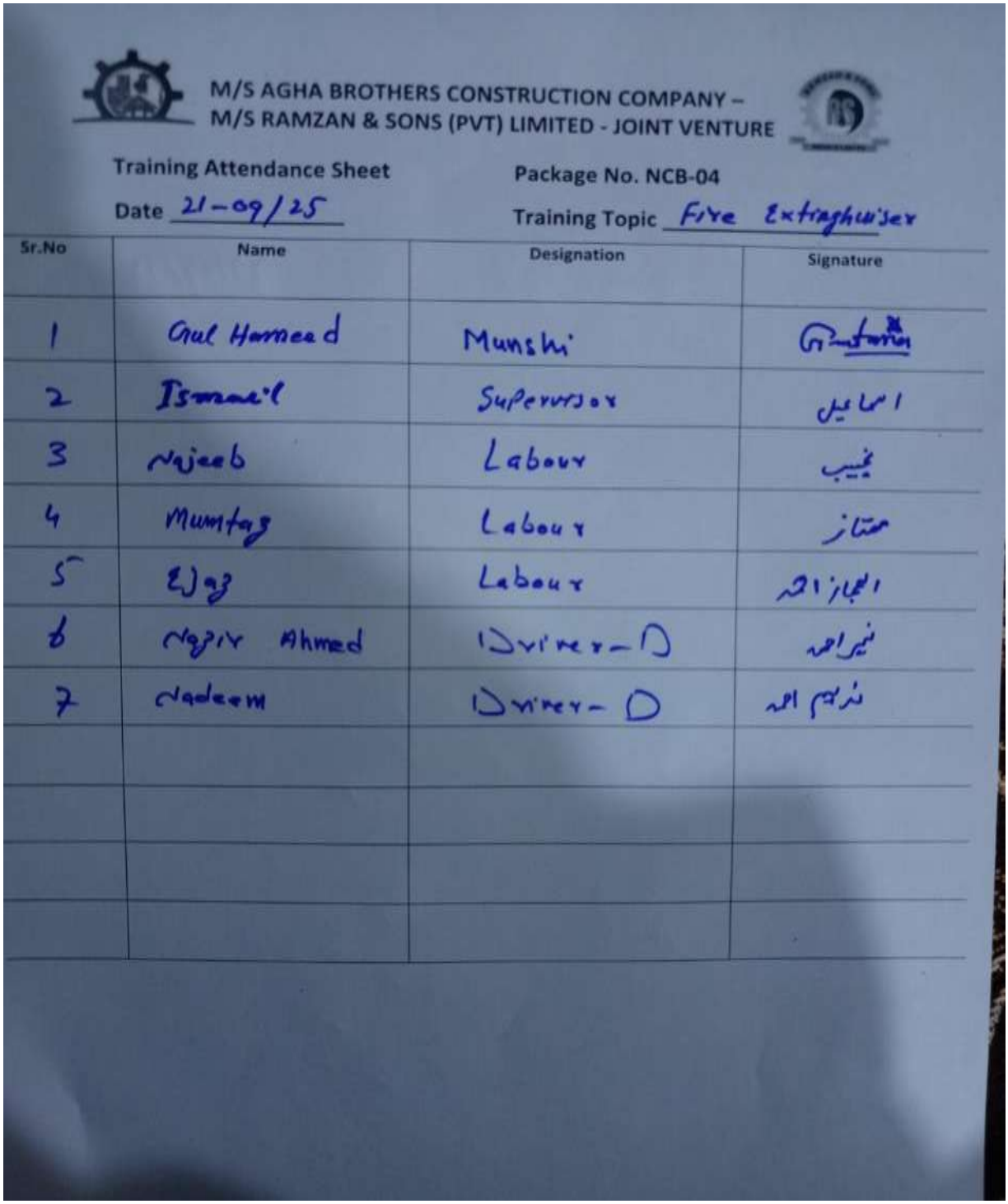
M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet Package No. NCB-04

Date 14/08/25 Training Topic PPEs and Speed Limit

Sr.No	Name	Designation	Signature
1	Nisar	Munshi	
2	Manzoor	Driver	
3	Arshad	Driver	
4	Akbar	Labour	
5	Ghaffar	Labour	
6	Ismail	Surveyor/Supervisor	
7	Ishaq	Labour	

September, 2025



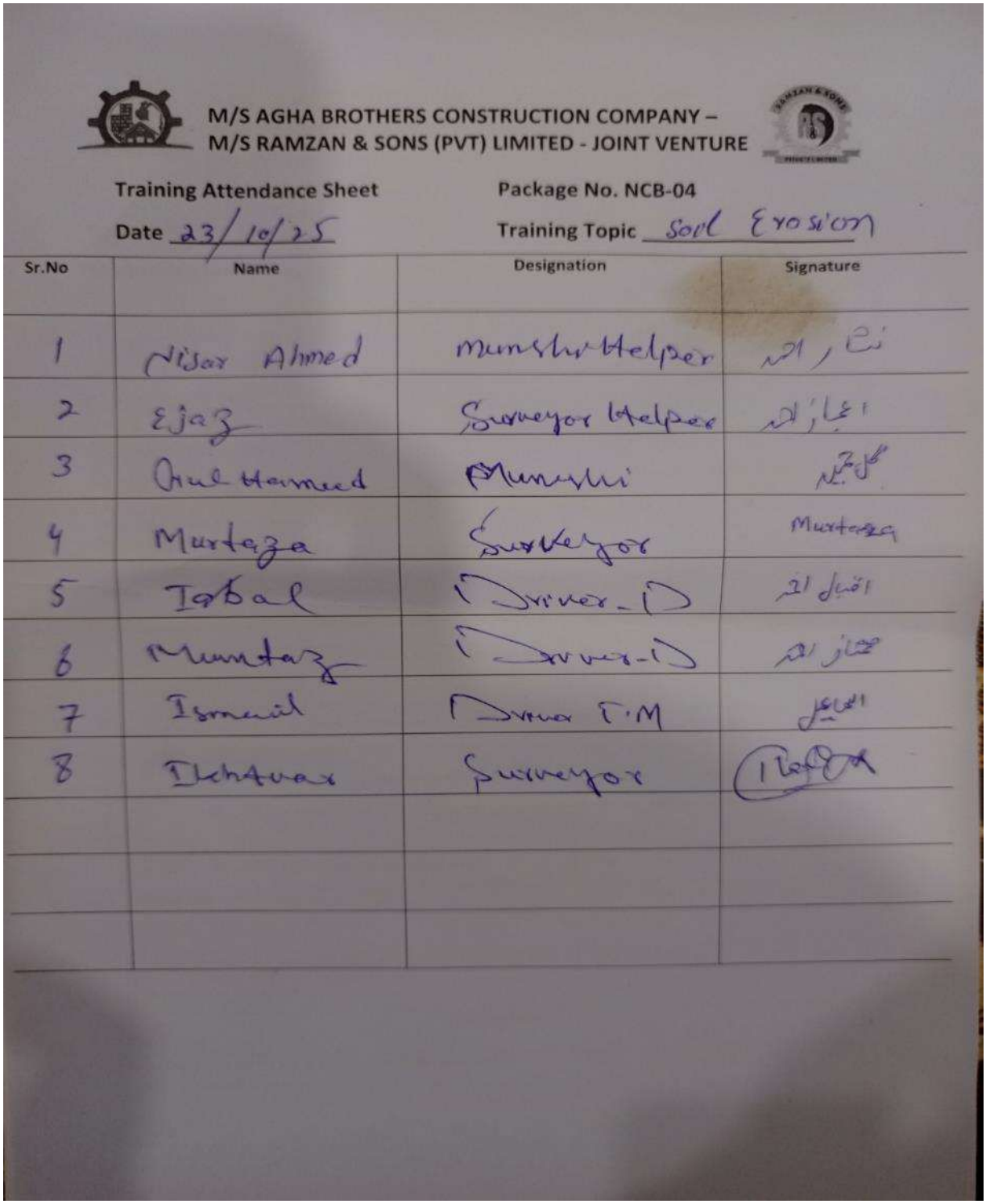
M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet — Package No. NCB-04

Date 21-09/25 — Training Topic Fire Extinghuisher

Sr.No	Name	Designation	Signature
1	Gul Hameed	Munshi	
2	Ismail	Supervisor	اسماعیل
3	Najeeb	Labour	نجیب
4	Mumtaz	Labour	ممتاز
5	Ejaz	Labour	اعجاز احمد
6	Nasir Ahmed	Driver-D	نصیر احمد
7	Nadeem	Driver-D	ندیم احمد

October, 2025



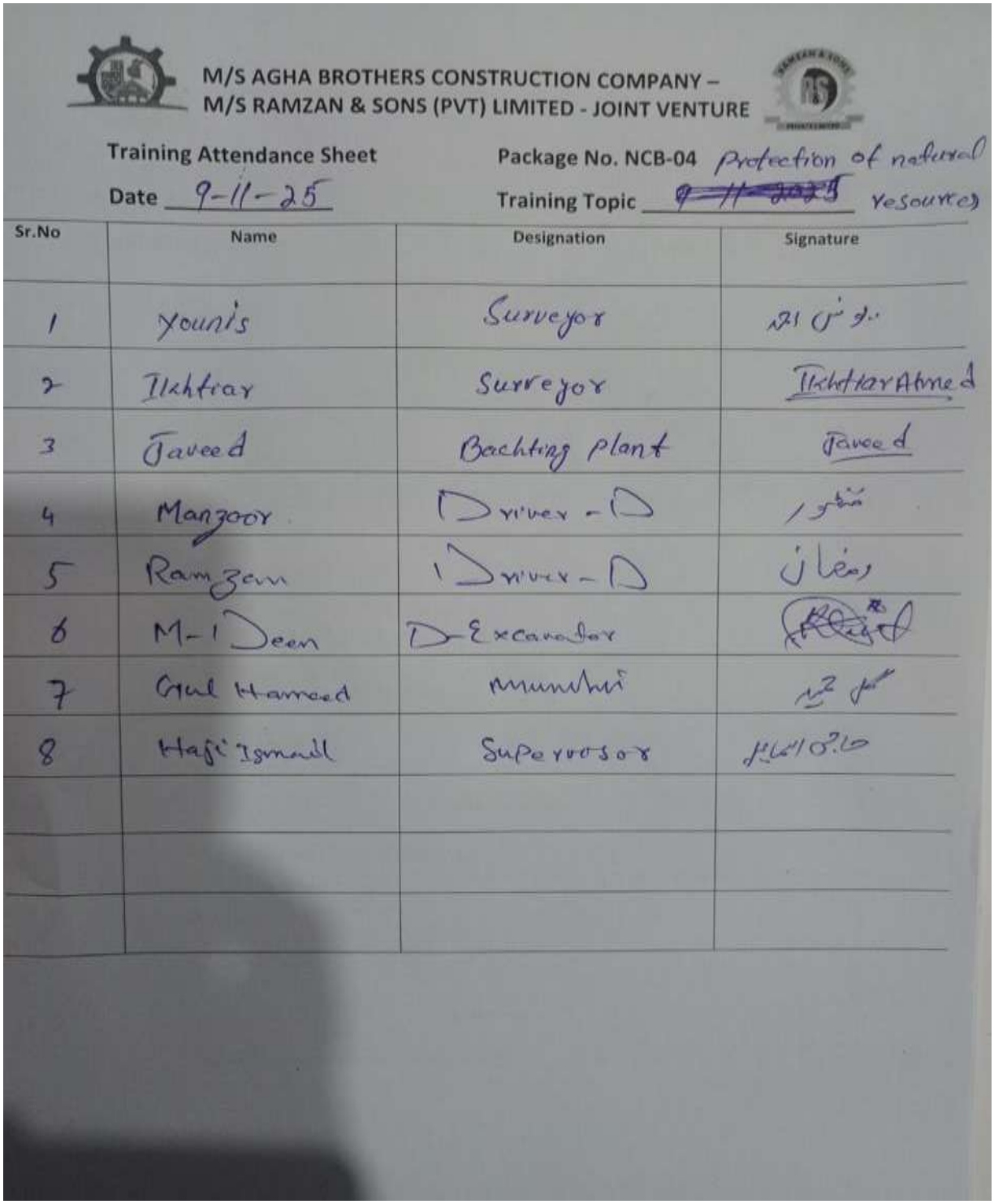
M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet — Package No. NCB-04

Date 23/10/25 — Training Topic Soil Erosion

Sr.No	Name	Designation	Signature
1	Nisar Ahmed	Munshi Helper	
2	Ejaz	Surveyor Helper	
3	Gul Hameed	Munshi	
4	Murtaza	Surveyor	Murtaza
5	Iqbal	Driver-D	
6	Mumtaz	Driver-D	
7	Ismail	Driver T.M	
8	Ikhtiar	Surveyor	

November, 2025



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet — Package No. NCB-04 Protection of natural

Date 9-11-25 — Training Topic ~~9-11-2025~~ Yesource)

Sr.No	Name	Designation	Signature
1	Younis	Surveyor	
2	Ikhtiar	Surrejor	Ikhtiar Ahmed
3	Javeed	Bachting Plant	Javeed
4	Manzoor	Driver - D	
5	Ramzan	Driver - D	
6	M-Deen	D-Excavator	
7	Gul Hameed	Munshi	
8	Hafiz Ismail	Supervisor	

December, 2025

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet — Package No. NCB-04

Date 17/12/25 — Training Topic Dust Pollution

Sr.No	Name	Designation	Signature
1	Gul Hameed	Munshi	گل حمید خان
2	Wahab	Driver - D	وہاب
3	Manzoor	Driver - D	
4	Kifayat	Driver - Pickup	
5	Javeed	Batching Plant	
6	Murtaza	Surveyor	مرتضیٰ خان
7	Munawar	watchman	منور
8	Ayoub	Driver - Ex	
9	Ghafoor	Driver - Ex	
10	Mehmullah	Cook	

Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Sub Project – Mula River Basin (NCB-07)


July, 2025


August, 2025


September, 2025

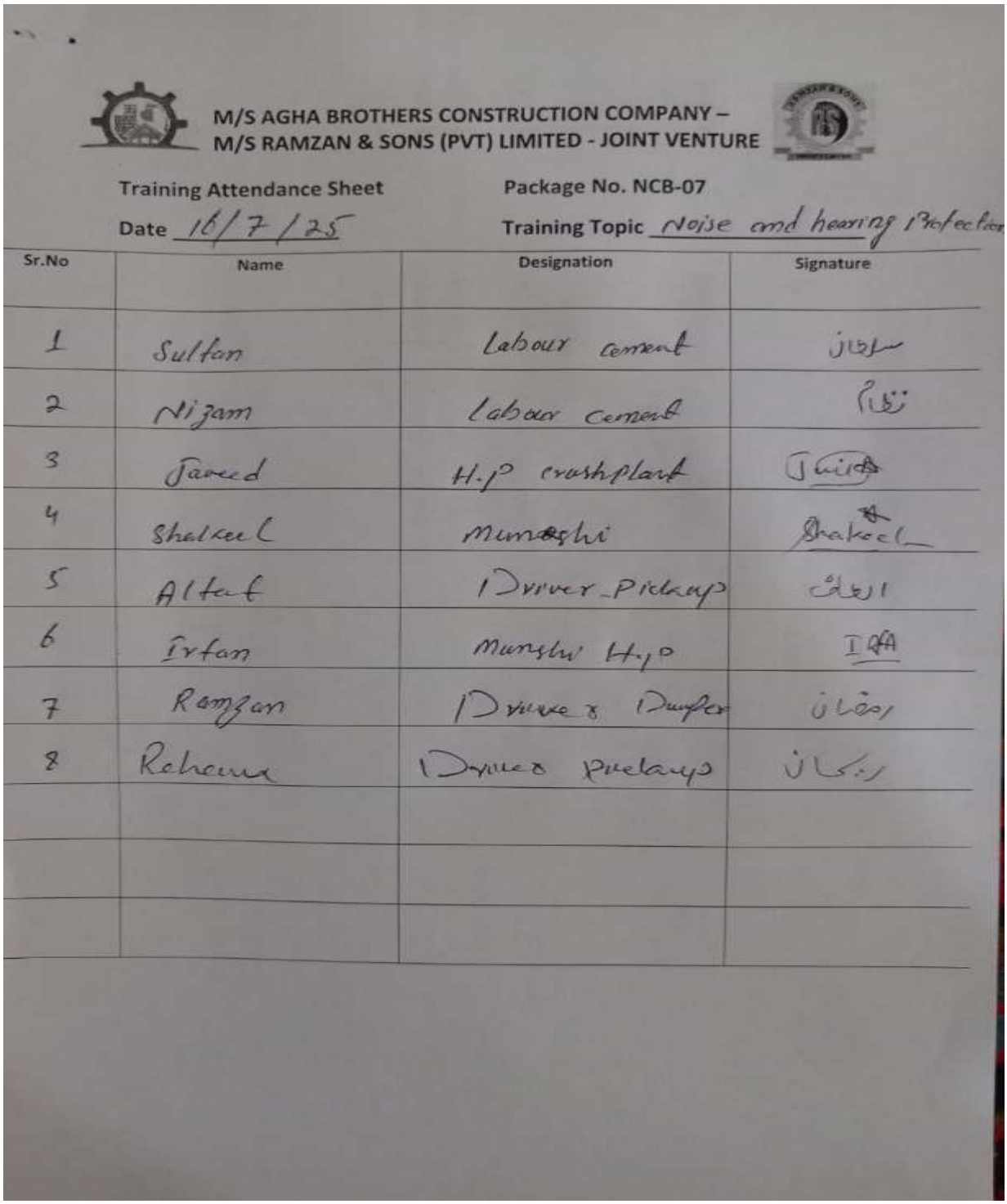
October, 2025

November, 2025

December, 2025

Training Attendance

July, 2025



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet Package No. NCB-07

Date 16/7/25 Training Topic Noise and hearing Protection

Sr.No	Name	Designation	Signature
1	Sultan	Labour cement	
2	Nizam	Labour cement	
3	Jawed	H.P crushplant	
4	Shakeel	Munshi	
5	Altaf	Driver Pickup	
6	Irfan	Munshi H.P	
7	Ramzan	Driver & Dumper	
8	Rehana	Driver Pickup	

August, 2025

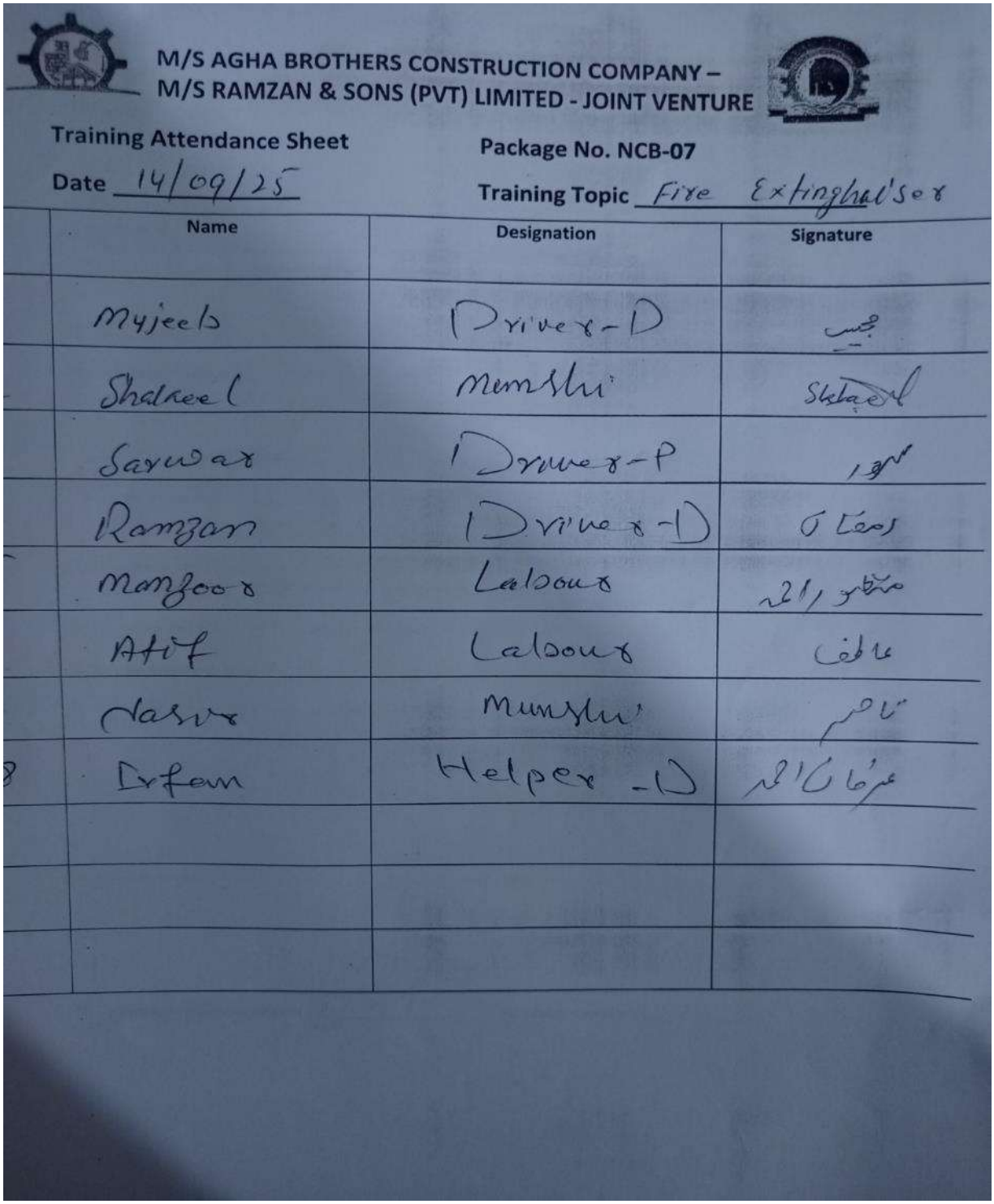
M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet Package No. NCB-07

Date 26/8-25 Training Topic 17°Es and Speed Limit

Sr.No	Name	Designation	Signature
1	Sarwar	Driver	
2	Shakeel	Munshi	
3	Irfan	Munshi	
4	Nadeem	Driver	
5	Ramzan	Driver	
6	Ejaz Ahmad	Helper Driver	

September, 2025



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet

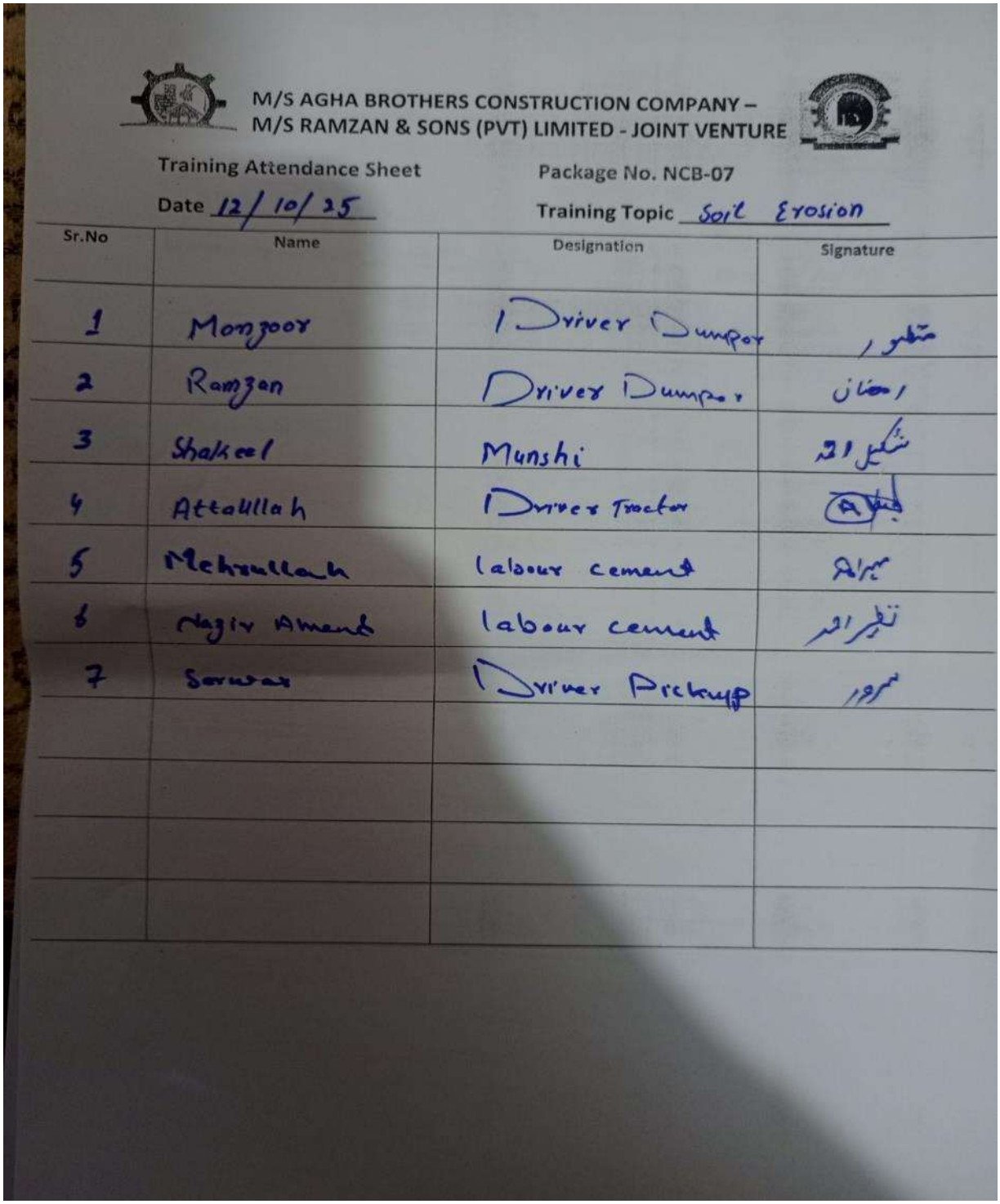
Package No. NCB-07

Date 14/09/25

Training Topic Fire Extinghal'sor

	Name	Designation	Signature
	Mujeeb	Driver-D	مجیب
	Shakeel	Munshi	Shakeel
	Sarwar	Driver-P	سرور
	Ramzan	Driver-D	رمضان
	Manzoor	Labour	منظور
	Atif	Labour	عاطف
	Nasir	Munshi	ناصر
	Irfan	Helper-D	عرفان

October, 2025



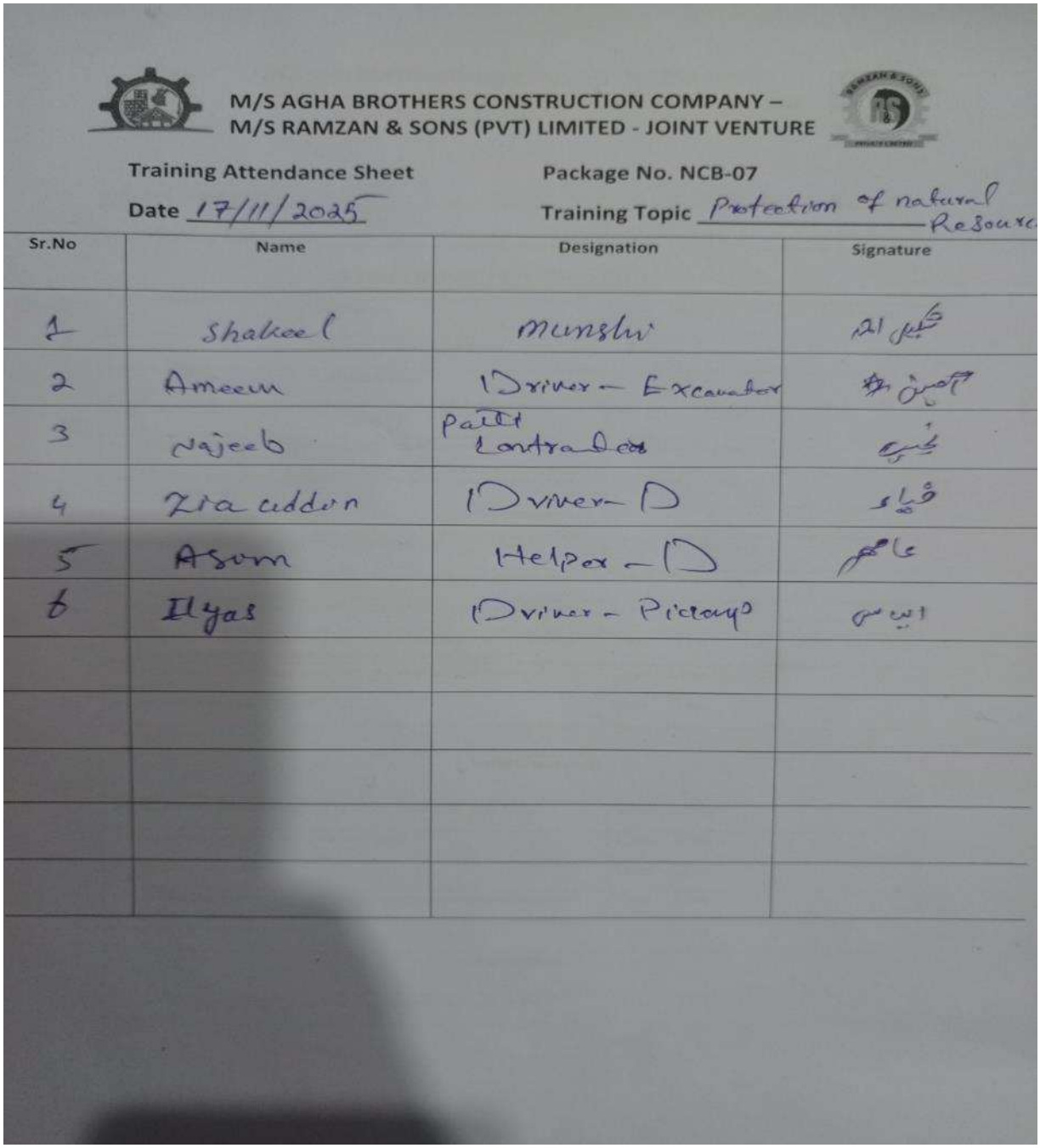
M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet — Package No. NCB-07

Date 12/10/25 — Training Topic Soil Erosion

Sr.No	Name	Designation	Signature
1	Manzoor	Driver Dumper	
2	Ramzan	Driver Dumper	
3	Shakeel	Munshi	
4	Attaullah	Driver Tractor	
5	Mehraullah	labour cement	
6	Hafiz Ameen	labour cement	
7	Sarwar	Driver Pickup	

November, 2025



M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet — Package No. NCB-07

Date 17/11/2025 — Training Topic Protection of natural Resour

Sr.No	Name	Designation	Signature
1	Shakeel	Munshi	
2	Ameem	Driver – Excavator	
3	Najeeb	Patel Contractor	
4	Zia uddin	Driver – D	
5	Asim	Helper – D	
6	Ilyas	Driver – Pickup	

December, 2025

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

Training Attendance Sheet — Package No. NCB-07

Date 14/12/25 — Training Topic Dust Pollution

Sr.No	Name	Designation	Signature
1	Mutaleb	Driver-D	
2	Faheem	Munshi	
3	Younus	Driver-D	
4	Ramzan	Driver-D	
5	Altaf	Driver-D	
6	Abdullah	Cook	
7	Shazad	L.T Helper	Shazad
8	Sarwar	Driver-Pickup	
9	Majeed	Helper-Surveyor	

Annexure IV: Compliance and Non-Compliance on Construction sites

Construction of Siri Toi Dam Sub Project (ICB-01)

Compliance on Construction sites

Emergency Assembly Points

Refueling Station

Fire Extinguisher

Site Safety Barricading

Safety Signboard at Site

Waste Management

Labor Canteen Facility

Heavy Machinery Parking Area at Site | **Usage of LPG Gas Cylinder at Camp site**

Non-Compliance on Construction sites

Sliding will be harmful for the workers | **Poor housekeeping observed at the dam site area, with uneven ground conditions noted throughout the location**

<table>
<tr><td>  </td><td>  </td></tr>
<tr><td>Improper handling and storage of chemical drums observed, with direct exposure to sunlight.</td><td>Didn't dispose off the waste</td></tr>
<tr><td>  </td><td>  </td></tr>
<tr><td colspan="2">visible environmental contamination, likely due to improper sewage or wastewater discharge</td></tr>
<tr><td>  </td><td>  </td></tr>
<tr><td>Non-compliance with scaffolding safety protocols detected</td><td>Non-compliance with fall protection protocols</td></tr>
<tr><td>  </td><td>  </td></tr>
<tr><td colspan="2">Personal protective equipment (PPE) protocols were not adequately followed</td></tr>
</table>

Pashta Khan and Garambowad Perennial Irrigation Sub (NCB- 04)

Compliance on Construction sites

Safty Sign Board and Barricaded area

First Aid Box

Fire Extinguisher

Water Sprinkling

Dust Bin present on site

Non-Compliance on Construction sites

No PPEs worn by the workers

No Safety Harnesses worn by the workers while working at height


No Safety Signboards installed at site


No Caution Tapes are installed around the excavated areas

Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Sub Project – Mula River Basin (NCB-07)

Compliance on Construction sites


First Aid Box


Fire Extinghushers



Water Sprinking



Safety Signboards

Dust Bins


Site Safety Barricading

Non-Compliance on Construction sites

No PPEs worn by the Workers at site

No Signboards and Caustion Tape installed on site

Annexure V: Environmental Monitoring Report Of Siri Toi Dam

3rd Quarter July to August 2025

NOOR UL HAQ & BROTHERS

Ref No.: NB/KH/15431
Date: 13th October 2025

The Engineer -Siri Toi Dam
BWRDSP Consultant
House No: 186-B, Jinnah Town
Quetta

Project: **ICB-01: CONSTRUCTION OF SIRI TOI DAM SUBPROJECT, ZHOB RIVER BASIN DISTRICT ZHOB**

Subject: **SUBMISSION OF QUARTERLY ENVIRONMENTAL INSTRUMENTAL MONITORING TESTING REPORT (JULY 2025 TO SEPTEMBER 2025).**

Respected Sir,

In compliance with contract provision, we are pleased to submit Third Party Quarterly Environmental Instrumental Monitoring Testing Report for the months of July 2025 to September 2025 for your review and record.

Submitted for your review and office records,

Truly Yours

For & on behalf of;
M/S NOOR UL HAQ & BROTHERS

C.c
1. Project Director (ZRB) BWRDSP, Quetta
2. Deputy Project Director (ZRB) BWRDSP, Quetta.
3. Office Copy

Website: www.noorulhaqbrothers.com
email: nb.karachioffice@gmail.com

KARACHI OFFICE:
Plot No. 8C, 21st Commercial Street, DHA Phase - 2 Extension Karachi.
Ph: 021-35853637

QUETTA OFFICE:
Plot No. 130, Phase 1 Shahbaz Town, Samungli Road, Quetta.
Tel : 081-2865603
Fax : 081-2865585

Air Quality Monitoring

Sustainable Environmental Services | SES

Analysis Report **Ref #** SES/ENV/OCT/25/2896/3787-A **Date:** 09-OCT-2025

Description:

Job Location:	Camp Side	**Testing Instrument**	24 Hours Air Monitoring Station
Job Performed By:	Mr. Mohsin	**Job Date :**	30-09-2025 To 01-10-2025
Monitoring Duration:	09:00AM to 08:00AM (24 Hrs.)		
Side Location :	(Construction of Siritoi Dam ICB -01)		
Contractor Name :	**M/s NOOR UL HAQ & BROTHERS**		
Quarter no:	**3rd Quarter (July, August, September 2025)**		

Air Quality Test Report

Parameters	Temp	NO	NO_2	SO_2	CO	$PM_{2.5}$	PM_{10}	SPM	O_3
NEQS &BEQS Limit	-	24 hrs. (40 µg/m³)	24 hrs. (80µg/m³)	24 hrs. (120µg/m³)	08 hrs. (5 mg/m³)	24 hrs. (35 µg/m³)	24 hrs. (150 µg/m³)	24 hrs. (500 µg/m³)	01 hr. (130µg/m³)
WHO Limit	-	-	24 hrs. (25µg/m³)	24 hrs. (40µg/m³)	08 hrs. (4 mg/m³)	24 hrs. (15 µg/m³)	24 hrs. (45µg/m³)	-	Peak Season (60µg/m³)
Time		**Results**							
09:00AM	28°C	16.57	27.36	19.56		35.61	76.39	112.5	06
10:00AM	28°C	18.34	29.87	16.41	0.057	37.64	74.12	111.7	-
11:00AM	28°C	21.62	25.41	15.31		35.34	75.25	110.5	-
12:00PM	29°C	19.26	24.37	13.46		34.21	76.74	110.9	-
01:00PM	29°C	13.46	27.64	16.78	0.069	37.36	75.35	109.5	-
02:00PM	29°C	17.36	29.34	14.51		36.15	78.61	114.7	-
03:00PM	29°C	16.49	25.79	17.34		34.69	79.69	114.2	-
04:00PM	29°C	15.98	24.65	18.98	0.088	35.52	77.16	112.6	-
05:00PM	29°C	17.32	26.39	21.30		41.31	78.69	120.5	-
06:00PM	29°C	14.25	28.41	18.61		38.41	79.45	118.8	-
07:00PM	29°C	17.98	22.74	16.54	0.099	35.69	75.36	116.9	-
08:00PM	29°C	18.45	21.12	19.32		31.34	74.25	115.3	-
09:00PM	29°C	21.69	24.85	22.64		28.64	85.13	115.8	-
10:00PM	29°C	18.58	23.97	18.40	0.075	26.85	79.15	106.3	-
11:00PM	22°C	17.32	24.21	14.61		29.46	75.65	106.2	-
12:00AM	21°C	16.98	20.69	14.26		24.36	78.41	108.7	-
01:00AM	21°C	14.25	16.41	12.36	0.068	26.45	75.56	108.9	-
02:00AM	21°C	17.19	20.32	13.98		18.36	68.12	101.6	-
03:00AM	21°C	18.82	21.69	12.36		21.31	72.98	110.9	-
04:00AM	20°C	14.39	25.31	14.74	0.071	24.97	73.36	109.5	-
05:00AM	21°C	17.21	19.36	15.98		28.64	76.55	114.7	-
06:00AM	21°C	20.46	18.25	16.25		24.63	75.87	114.2	-
07:00AM	22°C	15.69	19.36	19.31	0.031	31.54	80.31	112.6	-
08:00AM	24°C	16.25	27.25	15.85		35.32	75.23	110.5	-
AVERAGE	25.7°C	17.33	23.95	16.62	0.023	31.41	76.56	112.13	6

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New Head Office: Plot No SC-46 Block Commercial Sector 31/D P&T Society Korangi, Karachi.
Mob: +92(0)346-2225261,0333-2699016 Tel # 02135121125 E-mail: info@sespaklab.com Web: www.sespaklab.com

Sustainable Environmental Services | SES

Analysis Report **Ref #** SES/ENV/OCT/25/2896/3787-B **Date: 09-OCT-2025**

Description:

Job Location:	Construction Site	**Testing Instrument**	24 Hours Air Monitoring Station
Job Performed By:	Mr. Mohsin	**Job Date :**	30-09-2025 To 01-10-2025
Monitoring Duration:	09:00AM to 08:00AM (24 Hrs.)		
Side Location :	(Construction of Siritoi Dam ICB -01)		
Contractor Name :	**M/s NOOR UL HAQ & BROTHERS**		
Quarter no:	**3rd Quarter (July, August, September 2025)**		

Ambient Air Quality Monitoring

Sr.	Measuring Parameters	Unit	SEQS Limits	Average Test Result	Remarks
1.	**Oxide Of Nitrogen as (NO)**	$\mu g/m^3$	40 (24 hrs.)	17.33	WL
2.	**Oxide Of Nitrogen as (NO_2)**	$\mu g/m^3$	80 (24 hrs.)	23.95	WL
3.	**Sulphur Dioxide (SO_2)**	$\mu g/m^3$	120 (24 hrs.)	16.62	WL
4.	**Carbon Monoxide (CO)**	mg/m^3	5 (08 hrs.)	0.023	WL
5.	**Particulate Matter (PM 2.5)**	$\mu g/m^3$	35 (24 hrs.)	31.41	WL
6.	**Particulate Matter (PM 10)**	$\mu g/m^3$	150 (24 hrs.)	76.56	WL
7.	**SPM**	$\mu g/m^3$	500 (24 hrs.)	112.13	WL
8.	**Ozone (O_3)**	$\mu g/m^3$	130 (01 hr.)	06	WL

Note:

SEQS=Sindh Environmental Quality Standards
The instruments used were dully calibrated.
The measurements were carried out on client's request.
The client is responsible for lawful usage of reported data in future.
This report is not valid for Court evidence/ Judicial knowledge
The measurement results based on the time of monitoring
WL= Within Limit

Field Analyst: _____

Chief Chemist: _____
Kashif Ahmed

ASCERT ASCERT ASCERT

New Head Office: Plot No SC-46 Block Commercial Sector 31/D P&T Society Korangi, Karachi.
Mob: +92(0)346-2225261,0333-2699016 Tel # 02135121125 E-mail: info@sespaklab.com Web: www.sespaklab.com

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Noise Level Monitoring

Sustainable Environmental Services SES

Analysis Report Ref # SES/ENV/OCT/25/2896/3787-C **Date: 09-OCT-2025**

Description:

Job Location:	Dam Site	**Testing Instrument:**	Noise Meter
Job Performed By:	Mr. Mohsin	**Job Date :**	30-09-2025 To 01-10-2025
Monitoring Duration:	09:00AM to 08:00AM (24 Hrs.)		
Side Location :	(Construction of Siritoi Dam ICB -01)		
Contractor Name :	**M/s NOOR UL HAQ & BROTHERS**		
Quarter no:	**3rd Quarter (July, August, September 2025)**		

Noise Test Report

S. No	Measuring Parameter	Testing Instrument	WHO Limit	NEQS & BEQS Limits	TIME	Results
01	Noise Level	Noise Meter	65 dB(A) (Day time)	75 dB(A) (Day time)	**09:00AM**	63.5
02					**10:00AM**	66.5
03					**11:00AM**	67.2
04					**12:00PM**	65.1
05					**01:00PM**	64.6
06					**02:00PM**	63.4
07					**03:00PM**	66.1
08					**04:00PM**	65.4
09					**05:00PM**	61.9
10					**06:00PM**	57.6
11					**07:00PM**	55.2
12					**08:00PM**	50.2
13					**09:00PM**	48.4
14					**10:00PM**	46.9
15			55 dB(A) (Night time)	65 dB(A) (Night time)	**11:00PM**	48.6
16					**12:00AM**	52.5
17					**01:00AM**	55.7
18					**02:00AM**	51.4
19					**03:00AM**	48.1
20					**04:00AM**	50.9
21					**05:00AM**	59.9
22					**06:00AM**	54.6
23			65 dB(A) (Day time)	75 dB(A) (Day time)	**07:00AM**	62.3
24					**08:00AM**	68.4
					Average Results	58.1

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00094250

Sustainable Environmental Services | SES

Analysis Report Ref # SES/ENV/OCT/25/2896/3787-D Date: 09-OCT-2025

Description:

Job Location:	Packing Area	**Testing Instrument:**	Noise Meter
Job Performed By:	Mr. Mohsin	**Job Date :**	30-09-2025 To 01-10-2025
Monitoring Duration:	09:00AM to 08:00AM (24 Hrs.)		
Side Location :	(Construction of Siritoi Dam ICB -01)		
Contractor Name :	**M/s NOOR UL HAQ & BROTHERS**		
Quarter no:	**3rd Quarter (July, August, September 2025)**		

Noise Test Report

S. No	Measuring Parameter	Testing Instrument	WHO Limit	NEQS & BEQS Limits	TIME	Results
01	Noise Level	Noise Meter	65 dB(A) (Day time)	75 dB(A) (Day time)	09:00AM	63.4
02					10:00AM	65.6
03					11:00AM	68.7
04					12:00PM	66.9
05					01:00PM	65.4
06					02:00PM	68.2
07					03:00PM	69.4
08					04:00PM	66.3
09					05:00PM	61.4
10					06:00PM	57.6
11					07:00PM	55.4
12					08:00PM	55.9
13					09:00PM	48.3
14					10:00PM	51.8
15			55 dB(A) (Night time)	65 dB(A) (Night time)	11:00PM	48.4
16					12:00AM	44.3
17					01:00AM	48.1
18					02:00AM	45.3
19					03:00AM	49.4
20					04:00AM	53.7
21					05:00AM	58.3
22					06:00AM	61.5
23			65 dB(A) (Day time)	75 dB(A) (Day time)	07:00AM	58.6
24					08:00AM	69.3
					Average Results	58.38

New Head Office: Plot No SC-46 Block Commercial Sector 31/D P&T Society Korangi, Karachi.
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0094251

Drinking Water Test Result

Sustainable Environmental Services SES

Analysis Report Ref # SES/ENV/OCT/25/2896/3787-F **Date: 09-OCT-2025**

Description:

Quantity of sample	1.0 Liter	**Sampling Methodology**	Grab	**Job Date**	01-10-2025
Analysis Type	Chemical Analysis	**Sampling Location**		Siritoi Dam Project	
Side Location :	(Construction of Siritoi Dam ICB -01)				
Contractor Name :	**M/s NOOR UL HAQ & BROTHERS**				
Quarter no:	**3rd Quarter (July, August, September 2025)**				

Drinking Water Test Report

S #	Parameters	Units	Testing Method	NEQS Limits	WHO Limits	BEQS Limits	Result	Remarks
01	Total Bacteria Count	TBC (count/ml)	Total Viable Count	----------	----------	----------	ND	-
02	Total Coliform	TC (count/ml)	APHA 922 B	0/100 ml	0/100 ml	0/100 ml	ND	WL
03	E-Coli	EC(count/ml)	Total Viable Count	0/100 ml	0/100 ml	0/100 ml	ND	WL
04	Facial Coli	FC (count/ml)	APHA 922 B	0/100 ml	0/100 ml	0/100 ml	ND	WL
05	Turbidity	NTU	HACH Turbidity meter	<5	<15	<15	ND	WL
06	Taste	Taste	Sensory Evolution	Obj/Non Obj	Obj/Non Obj	Obj/Non Obj	Non-obj	WL
07	Odour	Odor	Sensory Evolution	Obj/Non Obj	Obj/Non Obj	Obj/Non Obj	Non-obj	WL
08	Colour	TCU	Pt-Co method	≤ 15 TCU	≤ 15 TCU	≤ 15 TCU	< 1.4	WL
09	Phenolic Compounds	As Phenol (mg/L)	ASTM D-1783	-	-	-	ND	WL
10	Residual chlorine	Cl_2 (mg/L)	HACH Method 8167	0.2-0.5	-	0.2-0.5	0.43	WL
11	pH @ 25 °C	PH	ASTM D-1293	6.5 to 8.5	6.5 to 8.5	6.5 to 8.5	7.88	WL
12	Total Dissolved Solid	TDS (mg/L)	APHA 2540-C	< 1000	< 1000	< 1000	368	WL
13	Total Hardness	As COCO3(mg/L)	APHA 2340-C	< 500	-	< 500	78.2	WL
14	Fluoride	F^{-1} (mg/L)	APHA 4500-F^{-1}	≤1.5	1.5	≤ 1.5	0.12	WL
15	Chloride	Cl^{-1} (mg/L)	APHA 4500-Cl^{-1}	< 250	250	< 250	109	WL
16	Cyanide	CN^{-1}(mg/L)	HACH Method 8027	≤ 0.05	0.07	≤ 0.05	ND	WL
17	Nitrate	NO_3^{-1} (mg/L)	HACH Method 8192	≤ 50	50	≤ 50	0.18	WL
18	Nitrite	NO_2^{-1} (mg/L)	APHA 4500-NO_2^{-1}-B	≤ 3.0(P)	3	≤ 3.0(P)	0.08	WL
19	Antimony	Sb (mg/L)	ASTM D-3697	≤ 0.005	0.02	≤ 0.005	ND	WL
20	Aluminum	Al(mg/L)	ASTM D-857	≤ 0.2	0.2	≤ 0.2	0.09	WL
21	Arsenic	As (mg/L)	ASTM D-2972	≤ 0.05	0.01	≤ 0.05	ND	WL
22	Boron	B (mg/L)	ASTM D-3082	0.3	0.3	0.3	ND	WL
23	Barium	Ba(mg/L)	ASTM D-4382	0.7	0.7	0.7	0.009	WL
24	Chromium Total	Cr(mg/L)	ASTM D-1687	≤ 0.05	0.05	≤ 0.05	ND	WL
25	Copper	Cu (mg/L)	ASTM D-1688	2	2	2	<0.08	WL
26	Cadmium	Cd(mg/L)	ASTM D-3557	0.01	0.003	0.01	ND	WL
27	Lead	Pb(mg/L)	ASTM D-3559	≤ 0.05	0.01	≤ 0.05	ND	WL
28	Manganese	Mn(mg/L)	ASTM D-858	≤ 0.5	0.5	≤ 0.5	ND	WL
29	Mercury	Hg (mg/L)	ASTM D-3223	≤ 0.001	0.001	≤ 0.001	ND	WL
30	Nickel	Ni(mg/L)	ASTM D-3866	≤ 0.02	0.02	≤ 0.05	ND	WL
31	Selenium	Se(mg/L)	ASTM D-3858	0.01	0.01	0.01	ND	WL
32	Zinc	Zn (mg/L)	ASTM D-1691	5	3	5	0.07	WL

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4th Quarter July to August 2025

NOOR UL HAQ BROTHERS

Ref No.: NB/KH/16383
Date: 5th January 2026

The Engineer -Siri Toi Dam
BWRDSP Consultant
House No: 186-B, Jinnah Town
Quetta

Project: **ICB-01: CONSTRUCTION OF SIRI TOI DAM SUBPROJECT, ZHOB RIVER BASIN DISTRICT ZHOB**

Subject: **SUBMISSION OF QUARTERLY ENVIRONMENTAL INSTRUMENTAL MONITORING TESTING REPORT (OCTOBER 2025 TO DECEMBER 2025).**

Respected Sir,

In compliance with contract provision, we are pleased to submit the Third Party Quarterly Environmental Instrumental Monitoring Testing Report (October 2025 to December 2025) for your review and record.

Submitted for your review and office records.

Truly Yours

For & on behalf of;
M/S NOOR UL HAQ & BROTHERS

C.c
1. Project Director (ZRB) BWRDSP, Quetta
2. Deputy Project Director (ZRB) BWRDSP, Quetta.
3. Office Copy

Website: www.noorulhaqbrothers.com
email: nb.karachioffice@gmail.com

KARACHI OFFICE:
Plot No. 8C, 3rd Floor 21st Commercial Street Building DHA Phase - 2 Extension Karachi.
Ph: 021-35853637

QUETTA OFFICE:
Plot No. 130, Phase 1 Shahbaz Town, Samungli Road, Quetta.
Tel : 081-2865603
Fax : 081-2865585

Air Quality Monitoring

Sustainable Environmental Services SES

Analysis Report Ref # SES/ENV/DEC/25/3070/3960-A **Date: 29-DEC-2025**

Description:

Job Location:	Construction Site	**Testing Instrument**	24 Hours Air Monitoring Station
Job Performed By:	Mr. Mohsin	**Job Date :**	24-12-2025 To 25-12-2025
Monitoring Duration:	09:00AM to 08:00AM (24 Hrs.)		
Side Location :	(Construction of Siritoi Dam ICB -01)		
Contractor Name :	**M/s NOOR UL HAQ & BROTHERS**		
Quarter no:	**4th Quarter (October, November, December 2025)**		

Air Quality Test Report

Parameters	Temp	NO	NO_2	SO_2	CO	$PM_{2.5}$	PM_{10}	SPM	O_3
NEQS &BEQS Limit	-	24 hrs. (40 µg/m³)	24 hrs. (80µg/m³)	24 hrs. (120µg/m³)	08 hrs. (5 mg/m³)	24 hrs. (35 µg/m³)	24 hrs. (150 µg/m³)	24 hrs. (500 µg/m³)	01 hr. (130µg/m³)
WHO Limit	-	-	24 hrs. (25µg/m³)	24 hrs. (40µg/m³)	08 hrs. (4 mg/m³)	24 hrs. (15 µg/m³)	24 hrs. (45µg/m³)	-	Peak Season (60µg/m³)
Time	**Results**								
09:00AM	19°C	27.69	35.25	14.25	0.029	25.2	40.3	101.5	05
10:00AM	20°C	26.23	36.12	13.25		29.1	45.3	105.6	-
11:00AM	20°C	25.12	32.14	12.14		26.2	44.3	109.3	-
12:00PM	20°C	29.12	37.12	16.21	0.075	25.1	45.3	106.6	-
01:00PM	20°C	28.25	36.25	14.32		30.2	46.2	105.6	-
02:00PM	20°C	22.12	36.14	13.25		25.2	41.6	108.9	-
03:00PM	19°C	24.12	34.17	14.21	0.055	26.1	42.8	105.9	-
04:00PM	19°C	22.23	32.25	11.25		28.6	40.9	101.2	-
05:00PM	19°C	25.84	36.23	16.21		25.3	46.3	97.7	-
06:00PM	18°C	24.21	34.11	15.32	0.027	24.1	44.1	96.6	-
07:00PM	18°C	22.14	31.25	14.28		29.3	46.9	92.6	-
08:00PM	16°C	28.14	29.21	13.28		27.6	45.9	91.9	-
09:00PM	16°C	27.18	28.21	12.58	0.069	26.1	47.2	101.3	-
10:00PM	18°C	29.47	27.32	16.25		25.2	41.6	102.8	-
11:00PM	17°C	28.18	29.32	16.21		24.2	45.8	96.6	-
12:00AM	17°C	26.87	25.21	15.21	0.075	29.8	44.6	94.2	-
01:00AM	17°C	24.22	27.21	12.31		26.1	40.2	97.1	-
02:00AM	16°C	25.17	27.12	11.25		29.2	38.2	96.3	-
03:00AM	15°C	21.16	24.21	15.21	0.070	25.1	39.1	94.9	-
04:00AM	15°C	22.12	29.39	17.21		26.6	35.3	95.2	-
05:00AM	14°C	21.22	21.77	16.21		25.2	33.6	94.1	-
06:00AM	16°C	25.25	26.71	12.11	0.055	28.2	45.9	98.6	-
07:00AM	17°C	26.14	25.21	16.58		26.1	40.8	103.8	-
08:00AM	18°C	24.1	28.12	12.97		29.3	39.1	104.3	-
AVERAGE	**17.6°C**	**25.26**	**30.41**	**14.25**	**0.057**	**26.7**	**42.5**	**100.01**	05

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Sustainable Environmental Services SES

Analysis Report **Ref # SES/ENV/DEC/25/3070/3960-B** **Date: 29-DEC-2025**

Description:

Job Location:	Construction Site	**Testing Instrument**	24 Hours Air Monitoring Station
Job Performed By:	Mr. Mohsin	**Job Date:**	24-12-2025 To 25-12-2025
Monitoring Duration:	09:00AM to 08:00AM (24 Hrs.)		
Side Location:	(Construction of Siritoi Dam ICB -01)		
Contractor Name:	**M/s NOOR UL HAQ & BROTHERS**		
Quarter no:	**4th Quarter (October, November, December 2025)**		

Ambient Air Quality Monitoring

Sr.	Measuring Parameters	Unit	SEQS Limits	Average Test Result	Remarks
1.	Oxide of Nitrogen as (NO)	$\mu g/m^3$	40 (24 hrs.)	25.26	WL
2.	Oxide of Nitrogen as (NO_2)	$\mu g/m^3$	80 (24 hrs.)	30.41	WL
3.	Sulphur Dioxide (SO_2)	$\mu g/m^3$	120 (24 hrs.)	14.25	WL
4.	Carbon Monoxide (CO)	mg/m^3	5 (08 hrs.)	0.057	WL
5.	Particulate Matter (PM 2.5)	$\mu g/m^3$	35 (24 hrs.)	26.7	WL
6.	Particulate Matter (PM 10)	$\mu g/m^3$	150 (24 hrs.)	42.5	WL
7.	SPM	$\mu g/m^3$	500 (24 hrs.)	100.01	WL
8.	Ozone (O_3)	$\mu g/m^3$	130 (01 hr.)	5	WL

Note:

BEQS=Baluchistan Environmental Quality Standards
The instruments used were dully calibrated.
The measurements were carried out on client's request.
The client is responsible for lawful usage of reported data in future
This report is not valid for Court evidence/ Judicial knowledge
The measurement results based on the time of monitoring
WL= Within Limit

Field Analyst: _____
Mr. Mohsin

Chief Chemist: _____

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Noise Level Monitoring

Sustainable Environmental Services | SES

Analysis Report Ref # SES/ENV/DEC/25/3070/3960-C Date: 29-DEC-2025

Description:

Job Location:	Dam Site	**Testing Instrument:**	Noise Meter
Job Performed By:	Mr. Mohsin	**Job Date :**	24-12-2025 To 25-12-2025
Monitoring Duration:	09:00AM to 08:00AM (24 Hrs.)		
Side Location :	(Construction of Siritoi Dam ICB -01)		
Contractor Name :	M/s NOOR UL HAQ & BROTHERS		
Quarter no:	4th Quarter (October, November, December 2025)		

Noise Test Report

S. No	Measuring Parameter	Testing Instrument	WHO Limit	NEQS & BEQS Limits	TIME	Results
01	Noise Level	Noise Meter	65 dB(A) (Day time)	75 dB(A) (Day time)	09:00AM	65.3
02					10:00AM	64.3
03					11:00AM	65.3
04					12:00PM	63.2
05					01:00PM	68.1
06					02:00PM	66.3
07					03:00PM	65.3
08					04:00PM	62.1
09					05:00PM	65.1
10					06:00PM	68.3
11					07:00PM	62.1
12					08:00PM	54.2
13					09:00PM	58.5
14					10:00PM	54.3
15			55 dB(A) (Night time)	65 dB(A) (Night time)	11:00PM	55.1
16					12:00AM	56.1
17					01:00AM	54.8
18					02:00AM	52.9
19					03:00AM	46.8
20					04:00AM	49.5
21					05:00AM	45.6
22					06:00AM	54.2
23			65 dB(A) (Day time)	75 dB(A) (Day time)	07:00AM	58.2
24					08:00AM	66.4
					Average Results	59.25

Note:
BEQS=Baluchistan Environmental Quality Standards
The instruments used were dully calibrated.
The measurements were carried out on client's request.
The client is responsible for lawful usage of reported data in future
This report is not valid for Court evidence/ Judicial knowledge
The measurement results based on the time of monitoring
WL= Within Limit

Field Analyst: Mr. Mohsin Chief Chemist: Kashif Ahmed

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Sustainable Environmental Services | SES

Analysis Report Ref # SES/ENV/DEC/25/3070/3960-D Date: 29-DEC-2025

Description:

Job Location:	Parking Area	**Testing Instrument:**	Noise Meter
Job Performed By:	Mr. Mohsin	**Job Date :**	24-12-2025 To 25-12-2025
Monitoring Duration:	09:00AM to 08:00AM (24 Hrs.)		
Side Location :	(Construction of Siritoi Dam ICB -01)		
Contractor Name :	M/s NOOR UL HAQ & BROTHERS		
Quarter no:	4th Quarter (October, November, December 2025)		

Noise Test Report

S. No	Measuring Parameter	Testing Instrument	WHO Limit	NEQS & BEQS Limits	TIME	Results
01	Noise Level	Noise Meter	65 dB(A) (Day time)	75 dB(A) (Day time)	09:00AM	60.2
02					10:00AM	61.6
03					11:00AM	63.2
04					12:00PM	66.9
05					01:00PM	60.6
06					02:00PM	55.6
07					03:00PM	61.3
08					04:00PM	63.6
09					05:00PM	65.5
10					06:00PM	66.8
11					07:00PM	63.4
12					08:00PM	61.2
13					09:00PM	55.4
14					10:00PM	53.2
15			55 dB(A) (Night time)	65 dB(A) (Night time)	11:00PM	49.6
16					12:00AM	48.4
17					01:00AM	46.1
18					02:00AM	43.6
19					03:00AM	50.4
20					04:00AM	52.2
21					05:00AM	58.1
22					06:00AM	62.0
23			65 dB(A) (Day time)	75 dB(A) (Day time)	07:00AM	57.5
24					08:00AM	66.2
					Average Results	58.03

Note:
BEQS=Baluchistan Environmental Quality Standards
The instruments used were dully calibrated.
The measurements were carried out on client's request.
The client is responsible for lawful usage of reported data in future
This report is not valid for Court evidence/ Judicial knowledge
The measurement results based on the time of monitoring
WL= Within Limit

Field Analyst: _____ Chief Chemist: _____
Mr. Mohsin

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Sustainable Environmental Services | SES

Analysis Report Ref # SES/ENV/DEC/25/3070/3960-E Date: 29-DEC-2025

Description:

Job Location:	Labor Area	**Testing Instrument:**	Noise Meter
Job Performed By:	Mr. Mohsin	**Job Date :**	24-12-2025 To 25-12-2025
Monitoring Duration:	09:00AM to 08:00AM (24 Hrs.)		
Side Location :	(Construction of Siritoi Dam ICB -01)		
Contractor Name :	M/s NOOR UL HAQ & BROTHERS		
Quarter no:	4th Quarter (October, November, December 2025)		

Noise Test Report

S. No	Measuring Parameter	Testing Instrument	WHO Limit	NEQS & BEQS Limits	TIME	Results
01	Noise Level	Noise Meter	65 dB(A) (Day time)	75 dB(A) (Day time)	09:00AM	57.6
02					10:00AM	61.3
03					11:00AM	64.1
04					12:00PM	66.3
05					01:00PM	61.6
06					02:00PM	59.4
07					03:00PM	65.3
08					04:00PM	64.3
09					05:00PM	69.2
10					06:00PM	61.3
11					07:00PM	59.4
12					08:00PM	55.3
13					09:00PM	51.9
14					10:00PM	49.6
15			55 dB(A) (Night time)	65 dB(A) (Night time)	11:00PM	46.5
16					12:00AM	53.5
17					01:00AM	51.8
18					02:00AM	49.6
19					03:00AM	45.9
20					04:00AM	53.2
21					05:00AM	61.5
22					06:00AM	63.1
23			65 dB(A) (Day time)	75 dB(A) (Day time)	07:00AM	64.8
24					08:00AM	67.1
					Average Results	58.48

Note:
BEQS=Baluchistan Environmental Quality Standards
The instruments used were dully calibrated.
The measurements were carried out on client's request.
The client is responsible for lawful usage of reported data in future
This report is not valid for Court evidence/ Judicial knowledge
The measurement results based on the time of monitoring
WL= Within Limit

Field Analyst: _____ Chief Chemist: _____
Mr. Mohsin

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Drinking Water Test Result

Sustainable Environmental Services SES

Analysis Report Ref # SES/ENV/DEC/25/3070/3960-F **Date: 29-DEC-2025**

Description:

Quantity of sample	1.0 Liter	**Sampling Methodology**	Grab	**Job Date**	24-12-2025
Analysis Type	Chemical Analysis	**Sampling Location**		Siritoi Dam Project	
Side Location:	(Construction of Siritoi Dam ICB -01)				
Contractor Name:	**M/s NOOR UL HAQ & BROTHERS**				
Quarter no:	**4th Quarter (October, November, December 2025)**				

Drinking Water Test Report

S #	Parameters	Units	Testing Method	NEQS Limits	WHO Limits	BEQS Limits	Result	Remarks
01	Total Bacteria Count	TBC (count/ml)	Total Viable Count	----------	----------	----------	ND	-
02	Total Coliform	TC (count/ml)	APHA 922 B	0/100 ml	0/100 ml	0/100 ml	ND	WL
03	E-Coli	EC (count/ml)	Total Viable Count	0/100 ml	0/100 ml	0/100 ml	ND	WL
04	Facial Coli	FC (count/ml)	APHA 922 B	0/100 ml	0/100 ml	0/100 ml	ND	WL
05	Turbidity	NTU	HACH Turbidity meter	<5	<15	<15	ND	WL
06	Taste	Taste	Sensory Evolution	Obj/Non Obj	Obj/Non Obj	Obj/Non Obj	Non-obj	WL
07	Odour	Odor	Sensory Evolution	Obj/Non Obj	Obj/Non Obj	Obj/Non Obj	Non-obj	WL
08	Colour	TCU	Pt-Co method	≤ 15 TCU	≤ 15 TCU	≤ 15 TCU	< 1.2	WL
09	Phenolic Compounds	As Phenol (mg/L)	ASTM D-1783	-	-	-	ND	WL
10	Residual chlorine	Cl_2 (mg/L)	HACH Method 8167	0.2-0.5	-	0.2-0.5	0.46	WL
11	pH @ 25°C	PH	ASTM D-1293	6.5 to 8.5	6.5 to 8.5	6.5 to 8.5	8.10	WL
12	Total Dissolved Solid	TDS (mg/L)	APHA 2540-C	< 1000	< 1000	< 1000	354	WL
13	Total Hardness	As CaCO3(mg/L)	APHA 2340-C	< 500	-	< 500	76.8	WL
14	Fluoride	F^{-1} (mg/L)	APHA 4500-F^{-1}	≤1.5	1.5	≤ 1.5	0.13	WL
15	Chloride	Cl^{-1} (mg/L)	APHA 4500-Cl^{-1}	< 250	250	< 250	115	WL
16	Cyanide	CN^{-1}(mg/L)	HACH Method 8027	≤ 0.05	0.07	≤ 0.05	ND	WL
17	Nitrate	NO_3^{-1} (mg/L)	HACH Method 8192	≤ 50	50	≤ 50	0.14	WL
18	Nitrite	NO_2^{-1} (mg/L)	APHA 4500-NO_2^{-1}-B	≤ 3.0(P)	3	≤ 3.0(P)	0.09	WL
19	Antimony	Sb (mg/L)	ASTM D-3697	≤ 0.005	0.02	≤ 0.005	ND	WL
20	Aluminum	Al(mg/L)	ASTM D-857	≤ 0.2	0.2	≤ 0.2	0.04	WL
21	Arsenic	As (mg/L)	ASTM D-2972	≤ 0.05	0.01	≤ 0.05	ND	WL
22	Boron	B (mg/L)	ASTM D-3082	0.3	0.3	0.3	ND	WL
23	Barium	Ba(mg/L)	ASTM D-4382	0.7	0.7	0.7	0.005	WL
24	Chromium Total	Cr(mg/L)	ASTM D-1687	≤ 0.05	0.05	≤ 0.05	ND	WL
25	Copper	Cu (mg/L)	ASTM D-1688	2	2	2	<0.07	WL
26	Cadmium	Cd(mg/L)	ASTM D-3557	0.01	0.003	0.01	ND	WL
27	Lead	Pb(mg/L)	ASTM D-3559	≤ 0.05	0.01	≤ 0.05	ND	WL
28	Manganese	Mn(mg/L)	ASTM D-858	≤ 0.5	0.5	≤ 0.5	ND	WL
29	Mercury	Hg (mg/L)	ASTM D-3223	≤ 0.001	0.001	≤ 0.001	ND	WL
30	Nickel	Ni(mg/L)	ASTM D-3866	≤ 0.02	0.02	≤ 0.05	ND	WL
31	Selenium	Se(mg/L)	ASTM D-3858	0.01	0.01	0.01	ND	WL
32	Zinc	Zn (mg/L)	ASTM D-1691	5	3	5	0.06	WL

Note:
BEQS=Baluchistan Environmental Quality Standards
The instruments used were dully calibrated.
The measurements were carried out on client's request.
The client is responsible for lawful usage of reported data in future
This report is not valid for Court evidence/ Judicial knowledge
The measurement results based on the time of monitoring
WL= Within Limit

Field Analyst: Mr. Mohsin Chief Chemist: Sajjad Ahmed

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Wastewater Test Reports

Sustainable Environmental Services | SES

Analysis Report Ref # SES/ENV/DEC/25/3070/3960-G **Date: 29-DEC-2025**

Description:

Quantity of sample	1.0 Liter	Sampling Methodology	Grab	Job Date	24-12-2025
Analysis Type	Chemical Analysis	Sampling Location		Siritoi Dam Project	
Side Location :	(Construction of Siritoi Dam ICB -01)				
Contractor Name :	M/s NOOR UL HAQ & BROTHERS				
Quarter no:	4th Quarter (October, November, December 2025)				

Waste Water Test Report

S. No	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results
1	Temperature AT 40 °C	°C	By Calibrated Thermometer	40 + ≤ 03 °C	30.5
2	pH @ 25 °C	pH	ASTM D-1293	6 to 9	7.96
3	Biological Oxygen Demand	BOD_5 (mg/L)	APHA 5210	80	22.65
4	Chemical Oxygen Demand	COD (mg/L)	ASTM D-1252	150	45.3
5	Total Dissolved Solids	TDS (mg/L)	APHA 2540-C	3500	1561
6	Total Suspended Solids	TSS (mg/L)	APHA 2540-D	150	59.4
7	Oil & Grease	O.Gr(mg/L)	ASTM D-4281	10	0.04
8	Chloride	Cl^{1-} (mg/L)	ASTM D-512	1000	344
9	Phenolic compound	Phol (mg/L)	ASTM D-1783	0.1	ND
10	Fluoride	F^- (mg/L)	APHA 4500-F^-	20	5.9
11	Anionic Detergent	Det (mg/L)	ASTM D-6173	20	6.8
12	Selenium	Se^{-2} (mg/L)	APHA 4500 Se	0.5	ND
13	Sulfide	S^{-2} mg/L)	APHA 4500-S^{-2}	1.0	0.61
14	Ammonia	NH3(mg/L)	ASTM D-1426	40	19.4
15	Cadmium	Cd^{+2} (mg/L)	ASTM-D3557	0.1	<0.3
16	Chromium Trivalent	Cr^{+3} (mg/L)	APHA 3500-Cr	1.0	ND
17	Chromium Hexavalent	Cr^{+6} (mg/L)	APHA 3500-Cr	1.0	0.07
18	Lead	Pb^{+2} (mg/L)	ASTM-D3559	0.5	0.09
19	Mercury	Hg^{+2} (mg/L)	Kit Method	0.01	ND
20	Nickel	Ni^{+2} (mg/L)	HACH Dimethylglyoxime Method	1.0	ND
21	Silver	Ag (mg/L)	ASTM-D3866	1.0	ND
22	Zinc	Zn^{+2} (mg/L)	HACH Zincon Method	5.0	0.6
23	Total Iron	Fe2+ (mg/L)	APHA 3500-Fe	2.0	0.9
24	Manganese	Mn^{+2}(mg/L)	APHA 3500-Mn	1.5	0.07
25	Boron	B(mg/L)	APHA 4500-Mn	6.0	0.9
26	Sulfate	SO_4 (mg/L)	APHA 4500-SO^{-4}	600	281
27	Arsenic	As (mg/L)	Palintest Kit	1.0	ND
28	Copper	Cu^{2+} (mg/L)	HACH Biquinoline Method	1.0	0.06
29	Chlorine	Cl2 (mg/L)	HACH DPD Method	1.0	ND
30	Aluminum	Al (mg/L)	HACH Eriochrome Cyanine R	-----	ND
31	Total KjheldalNtrogen	(mg/L)	Kit Method	-----	0.23
32	Barium	Ba (mg/L)	ASTM D-4382	1.5	0.79

Note:
BEQS=Baluchistan Environmental Quality Standards
The instruments used were dully calibrated.
The measurements were carried out on client's request.
The client is responsible for lawful usage of reported data in future
This report is not valid for Court evidence/ Judicial knowledge
The measurement results based on the time of monitoring
WL= Within Limit

Field Analyst: _____ Chief Chemist: _____

Mr. Mohsin

ASCERT ISO 45001:2018 ASCERT ISO 14001:2015 ASCERT ISO 9001:2015

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00095510

Photografic Evidence


Air Quality Monitoring at Camp site


Noise Quality Monitoring


Sampleing of Drinking Water

Annexure VII: Environmental Monitoring Report of Pashta khan and Garambowad Perennial Irrigation NCB 04

3rd Quarter July to August 2025

Vehicle Emission

EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-A	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Dumper-1	**Fuel**	Diesel
Serial #	LS 1334	**Capacity**	-
Make	Hino	**Model #**	L6 300
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.17	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-B	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Dumper-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	TKZ 204
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.25	WL
3	Noise	dB(A)	ASTM E-1124	85	72	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-D	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Dumper-4	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	TKF 022
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.36	WL
3	Noise	dB(A)	ASTM E-1124	85	75	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-C	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Dumper-3	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	TKH 464
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mula River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.29	WL
3	Noise	dB(A)	ASTM E-1124	85	73	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-E	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Dumper-5	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	NAD 541
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.28	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were duly calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-F	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Tractor	**Fuel**	Diesel
Serial #	4217	**Capacity**	-
Make	Massey	**Model #**	2014
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.39	WL
3	Noise	dB(A)	ASTM E-1124	85	73	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-G	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Loader	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	950
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mula River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.52	WL
3	Noise	dB(A)	ASTM E-1124	85	78	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-I	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Mixture-1	**Fuel**	Diesel
Serial #	J45975	**Capacity**	-
Make	TM	**Model #**	-
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.19	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-H	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Grader	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hitachi	**Model #**	EX 215
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.48	WL
3	Noise	dB(A)	ASTM E-1124	85	77	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-J	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Mixture-2	**Fuel**	Diesel
Serial #	171820	**Capacity**	-
Make	TM-TKQ	**Model #**	283-C
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.11	WL
3	Noise	dB(A)	ASTM E-1124	85	70	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-K	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Excavator	**Fuel**	Diesel
Serial #	V112072	**Capacity**	-
Make	Hitachi	**Model #**	200
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.22	WL
3	Noise	dB(A)	ASTM E-1124	85	72	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-L	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Truck-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	TLH 464
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.47	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-N	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Pickup-1	**Fuel**	Diesel
Serial #	WAA 228	**Capacity**	-
Make	Toyota	**Model #**	-
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.13	WL
3	Noise	dB(A)	ASTM E-1124	85	72	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-M	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Truck-2	**Fuel**	Diesel
Serial #	MFW1KXH	**Capacity**	-
Make	Hino	**Model #**	TKR 287
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.09	WL
3	Noise	dB(A)	ASTM E-1124	85	70	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0093/25-O	Date : 03/10/2025

DESCRIPTION

Vehicle Name	Pickup-2	**Fuel**	Diesel
Serial #	CG 8537	**Capacity**	-
Make	Toyota	**Model #**	-
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.07	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

NOTE:

NEQS=National Environmental Quality Standards.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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Generator Emission

EVERMATE ENVIRONMENTAL LABORATORY

Gaseous Emission Analysis	Report # E/Lab/Sep/0093/25-W	Date : 03/10/2025

DESCRIPTION

Item	Generator-1	**Fuel**	Diesel
Capacity	300 KVA	**Make**	CUMMINS ONON
Serial #	-	**Model #**	-
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide	(mg/Nm³)	ASTM D-6522	800	681	WL
3	Sulphur Dioxide	(mg/Nm³)	ASTM D-6522	1700	124	WL
4	Oxides of Nitrogen (NO_x)	(mg/Nm³)	ASTM D-6522	600	299	WL
5	Particulate Matter (PM)	(mg/Nm³)	ASTM D-3685	300	68	WL
6	Noise	(mg/Nm³)	ASTM E-1124	85	82.7	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The client is responsible for lawful usage of reported data in future.

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OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Gaseous Emission Analysis	Report # E/Lab/Sep/0093/25-X	Date : 03/10/2025

DESCRIPTION

Item	Generator-2	**Fuel**	Diesel
Capacity	25 KVA	**Make**	EXCELLENT
Serial #	5630519	**Model #**	25ES
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mula River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide	(mg/Nm³)	ASTM D-6522	800	465	WL
3	Sulphur Dioxide	(mg/Nm³)	ASTM D-6522	1700	105	WL
4	Oxides of Nitrogen (NO_x)	(mg/Nm³)	ASTM D-6522	600	212	WL
5	Particulate Matter (PM)	(mg/Nm³)	ASTM D-3685	300	61	WL
6	Noise	(mg/Nm³)	ASTM E-1124	85	79.2	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

Chief Chemist

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Ambient Air Quality Monitoring

East

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Sep/0093/25-R	Date : 03/10/2025

DESCRIPTION

Job Date:	27/09/2025	**Location**	East
Client Name	Agha Brothers Construction Company	**Co-ordinates**	28°6'4" N 66°47'30" E
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NC8-04).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.2	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	24	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	19	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.1	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	28	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	44	WL
8	Particulate Matter PM 10.0	µg/m³	150	90	WL
9	Solid Particulate Matter	µg/m³	500	254	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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ND= Not Detected

Analyst Signature

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West

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Sep/0093/25-S	Date : 03/10/2025

DESCRIPTION

Job Date:	27/09/2025	**Location**	West
Client Name	Agha Brothers Construction Company	**Co-ordinates**	28°6'5" N 66°47'31" E
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mula River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.4	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	27	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	20	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.3	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	28	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	44	WL
8	Particulate Matter PM 10.0	µg/m³	150	93	WL
9	Solid Particulate Matter	µg/m³	500	259	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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WL= Within Limit

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ND= Not Detected

Analyst Signature

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North

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Sep/0093/25-Q	Date : 03/10/2025

DESCRIPTION

Job Date:	27/09/2025	**Location**	North
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'33" N 66°55'2" E
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	7.8	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	24	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	16	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.0	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	28	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	42	WL
8	Particulate Matter PM 10.0	µg/m³	150	89	WL
9	Solid Particulate Matter	µg/m³	500	251	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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ND= Not Detected

Analyst Signature

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South

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Sep/0093/25-P	Date : 03/10/2025

DESCRIPTION

Job Date:	27/09/2025	**Location**	South
Client Name	Agha Brothers Construction Company	**Co-ordinates**	28°6'5" N 66°47'31" E
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.3	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	27	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	19	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.3	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	31	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	46	WL
8	Particulate Metter PM 10.0	µg/m³	150	93	WL
9	Solid Particulate Matter	µg/m³	500	259	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

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Analyst Signature

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Noise Level Monitoring Report

EVERMATE ENVIRONMENTAL LABORATORY

NOISE MONITORING	Report # E/Lab/Sep/0093/25-Y	Date : 03/10/2025

DESCRIPTION

Job Date:	27/09/2025	Location	Pashta Khan Site
Client Name	M/s Agha Brothers Construction Company		
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Testing Area & Co-ordinates	Test Results
1	Noise	dB(A)	ASTM - E1686-16	85	South 28°6'5" N 66°47'31" E	71.6
2					North 27°58'33" N 66°55'2" E	67.3
3					East 28°6'4" N 66°47'30" E	69.6
4					West 28°6'5" N 66°47'31" E	70.5

NOTE:

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OL= Out of Limit

ND= Not Detected

Analyst Signature

Chief Chemist

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Drinking Water Monitoring Camp Site

EVERMATE ENVIRONMENTAL LABORATORY

Drinking Water Test Report	Report # E/Lab/Sep/0093/25-U	Date : 03/10/2025

DESCRIPTION

Sample Quantity	1.0 Litre	Sample Methodology	Grab
Analysis Type	Chemical & Microbiological	Sampling Location	Cooler
Client Name	M/s Agha Brothers Construction Company	Sampling Date	27/09/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Multa River Basin (NCB-04).		

S #	Parameter	Units	Testing Method	NEQS Limits	Results	Remarks
1	Total Bacteria Count	TBC (count/ml)	Total Viable Count	--------	14	WL
2	Total Coliform	TC (count/ml)	APHA 922 B	0/100 ml	Nil	WL
3	E-Coli	E coli(count/ml)	Total Viable Count	0/100 ml	Nil	WL
4	Fecal Coli	F C (count/ml)	APHA 922 B	0/100 ml	Nil	WL
5	pH @25 °C	pH	ASTM D-1293	6.5 to 8.5	7.14	WL
6	Taste	Taste	Sensory Evolution	Objection/Non Objection	Non-Objectionable	WL
7	Odour	Odor	Sensory Evolution	Objection/Non Objection	Non-Objectionable	WL
8	Colour	TCU	Pt-Co Method	<15 TCU	<7	WL
9	Total Dissolved Solid	TDS (mg/L)	APHA 2540-C	<1000	294	WL
10	Fluoride	F (mg/L)	Lovibond Spends Regent Method	1.5	1.1	WL
11	Chloride	Cl (mg/L)	ASTM D-512	250	74.2	WL
12	Turbidity	NTU	Lovibond Attenuated Radiation Method	<5	BDL	WL
13	Total Hardness as CaCO3	T.Hard (mg/L)	ASTM D-1126	<500	77	WL
14	Nitrate	NO3(mg/L)	Lovibond Chromatropic Acid	0.50	0.16	WL
15	Nitrite	NO2 (mg/L)	Lovibond N-(1. Naphityle) ethlenediamine Method	3	0.7	WL
16	Chromium	Cr^{+6}(mg/L)	Lovibond 1,5 diphenyl- Carbonhydroze Method	--------	ND	WL
17	Copper	Cu^{2}(mg/L)	Lovibond Biquoline Method	2	<0.05	WL
18	Manganese	Mn^{2}(mg/L)	Lovibond PAN Method	0.5	ND	WL
19	Boron	B (mg/L)	Lovibond Azomethine Method	0.3	ND	WL
20	Aluminum	Al^{3}(mg/L)	ASTM D- 857	0.2	0.05	WL
21	Nickel	Ni^{2} (mg/L)	Lovibond Dimethylglyoxime Method	0.02	ND	WL
22	Selenium	Se^{+4}(mg/L)	APHA 4500 sb	0.01	ND	WL
23	Residual chlorine	Cl_2 (mg/L)	Lovibond DPD	--------	ND	WL
24	Antimony	Sb (mg/L)	APHA 3111 -sb	0.02	ND	WL
25	Barium	Ba^{2} (mg/L)	ASTM D-3651	0.7	0.07	WL
26	Cadmium	Cd^{2} (mg/L)	ASTM D- 3557	0.003	ND	WL
27	Cyanide	CN (mg/L)	APHA 4500 CN	0.07	ND	WL
28	Mercury	Hg^{2}	Kit Method	0.001	ND	WL
29	Lead	Pb^{+2}(mg/L)	ASTM D- 3559	0.01	ND	WL
30	Phenolic Compounds	Phol (mg/L)	ASTM D- 1783	0.02	<0.02	WL
31	Arsenic	As (mg/L)	Merck Kit Method	0.01	ND	WL
32	Zinc	Zn^{+2} (mg/L)	Lovibond Zinc on Method	3	1.6	WL

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Wastewater Monitoring

EVERMATE ENVIRONMENTAL LABORATORY

Waste Water Analysis	Report # E/Lab/Sep/0093/25-V	Date : 03/10/2025

DESCRIPTION

Quantity of Sample	1.0 Litre	Sampling Date	27/09/2025
Sample Received by	Mr. Yaseen	Sampling Location	Sewerage
Client Name	M/s Agha Brothers Construction Company		
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S #	Parameter	Units	Testing Method	NEQS Limits	Results	Remarks
1	Temperature @ 40 °C	°C	By Calibrated Thermometer	40 + ≤ 03 °C	30.7	WL
2	pH @25 °C	pH	ASTM D-1293	6 to 9	7.48	WL
3	Total Dissolved Solids	TDS (mg/L)	APHA 2540-C	3500	1984	WL
4	Total Suspended Solids	TSS (mg/L)	APHA 2540-D	200	80	WL
5	Biological Oxygen Demands	BOD_5 (mg/L)	APHA 5210	80	65	WL
6	Chemical Oxygen Demands	COD (mg/L)	ASTM D-1252	150	132	WL
7	Oil & Grease	(mg/L)	ASTM D-4281	10	4.7	WL
8	Chloride	Cl (mg/L)	ASTM D-512	1000	120.9	WL
9	Phenolic Compounds	Phol (mg/L)	ASTM D-1783	0.1	0.008	WL
10	Fluoride	F^- (mg/L)	APHA 4500F	10	ND	WL
11	Cyanide	CN^- (mg/L)	APHA 4500 CN	1.0	0.002	WL
12	Anionic Detergent As (MBAS)	Det (mg/L)	ASTM D-6173	20	1.9	WL
13	Sulphate	SO_4^{-2} (mg/L)	ASTM D-516	600	127.4	WL
14	Sulfide	S^{-2} (mg/L)	APHA 4500 S^{-2}	1.0	0.01	WL
15	Ammonia	NH_3 (mg/L)	ASTM D-1426	40	0.47	WL
16	Turbidity	Tub (mg/L)	By Hach	-------	44	WL
17	Cadmium	Cd (mg/L)	ASTM D-3557	0.1	ND	WL
18	Chromium	Cr(mg/L)	ASTM D-1687	1.0	0.66	WL
19	Copper	Cu^{2+} (mg/L)	ASTM D-1688	1.0	0.31	WL
20	Lead	Pb (mg/L)	ASTM D-3559	0.5	0.096	WL
21	Mercury	Hg^2 (mg/L)	APHA 3112	0.01	0.001	WL
22	Selenium	Se^{-2}(mg/L)	APHA 4500 Se	0.5	0.053	WL
23	Nickel	NI^{+2} (mg/L)	ASTM D-1886	1.0	0.09	WL
24	Silver	Ag (mg/L)	ASTM D-3866	1.0	ND	WL
25	Total Toxic Metal	TTM (mg/L)	Kit Method	2.0	0.024	WL
26	Zinc	Zn (mg/L)	ASTM D-1691	5.0	1.9	WL
27	Arsenic	AS ^{3}(mg/L)	APHA 3500 AS	1.0	ND	WL
28	Barium	Ba^{+2}(mg/L)	ASTM D-3651	1.5	0.37	WL
29	Total Iron	Fe ^{2}(mg/L)	ASTM D-1068	8.0	1.0	WL
30	Manganese	Mn^{+2} (mg/L)	ASTM D-858	1.5	0.028	WL
31	Boron	B (mg/L)	ASTM D-3082	6.0	0.47	WL
32	Chlorine	Cl_2 (mg/L)	APHA 4500-C	1.0	0.07	WL

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4th Quarter September to December 2025

AGHA BROTHERS CONSTRUCTION COMPANY
RAMZAN & SONS (PRIVATE) LIMITED
(JOINT VENTURE)

Ref. No: ABCC/KHI/1617

Date: 31st December, 2025

PROJECT MANAGER
BWRDSP, Consultant
Quetta.

PROJECT: CONSTRUCTION OF PASHTA KHAN AND GARAMBOWAD PERENNIAL IRRIGATION SUB-PROJECT, MULA RIVER BASIN, DIST KHUZDAR NCB-04.

SUBJECT: SUBMISSION OF QUARTERLY ENVIRONMENTAL MONITORING TEST REPORTS FOR THE 04TH QUARTER ENDING DECEMBER, 2025.

Respected Sir,

Kindly find enclosed herewith the quarterly environmental monitoring test reports in respect of subjected project for the 04th quarter ending on December, 2025.

This is submitted for kind information please.

Yours Truly,

ABCC-RSL JV

M/s Agha Brothers Construction Company –
M/s Ramzan & Sons (Private) Limited – Joint Venture

CC:
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2. Office Copy.

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Vehicle Emission

EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-A	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Dumper-1	**Fuel**	Diesel
Serial #	LS 1334	**Capacity**	-
Make	Hino	**Model #**	L6 300
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.19	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

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The measurement results based on the time of monitoring.

WL= Within Limit

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ND= Not Detected

Analyst Signature

Chief Chemist

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-B	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Dumper-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	TKZ 204
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mula River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.27	WL
3	Noise	dB(A)	ASTM E-1124	85	73	WL

NOTE:

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The measurement results based on the time of monitoring.

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Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-C	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Dumper-3	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	TKH 484
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.31	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

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OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-D	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Dumper-4	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	TKF 022
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.34	WL
3	Noise	dB(A)	ASTM E-1124	85	76	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-E	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Dumper-5	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	NAD 541
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.31	WL
3	Noise	dB(A)	ASTM E-1124	85	76	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-F	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Tractor	**Fuel**	Diesel
Serial #	4217	**Capacity**	-
Make	Massey	**Model #**	2014
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.37	WL
3	Noise	dB(A)	ASTM E-1124	85	70	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-G	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Loader	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	950
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.54	WL
3	Noise	dB(A)	ASTM E-1124	85	79	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-H	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Grader	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hitachi	**Model #**	EX 215
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.46	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

NOTE:

NEQS=National Environmental Quality Standards.

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-I	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Mixture-1	**Fuel**	Diesel
Serial #	J45975	**Capacity**	-
Make	TM	**Model #**	-
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.21	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

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Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-J	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Mixture-2	**Fuel**	Diesel
Serial #	171820	**Capacity**	-
Make	TM-TKQ	**Model #**	283-C
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.18	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-K	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Excavator	**Fuel**	Diesel
Serial #	V112072	**Capacity**	-
Make	Hitachi	**Model #**	200
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringlemen scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.25	WL
3	Noise	dB(A)	ASTM E-1124	85	73	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-L	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Truck-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	TLH 464
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.48	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were duly calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-M	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Truck-2	**Fuel**	Diesel
Serial #	MFW1KXH	**Capacity**	-
Make	Hino	**Model #**	TKR 287
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.16	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-N	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Pickup-1	**Fuel**	Diesel
Serial #	WAA 228	**Capacity**	-
Make	Toyota	**Model #**	-
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.22	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

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OL= Out of Limit

ND= Not Detected

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0237/25-O	Date : 26/12/2025

DESCRIPTION

Vehicle Name	Pickup-2	**Fuel**	Diesel
Serial #	CG 8537	**Capacity**	-
Make	Toyota	**Model #**	-
Client Name	M/s Agha Brothers Construction Company	**Job Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.16	WL
3	Noise	dB(A)	ASTM E-1124	85	70	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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ND= Not Detected

Analyst Signature

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Ambient Air Quality Monitoring

East

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Dec/0237/25-R	Date : 26/12/2025

DESCRIPTION

Job Date:	17/12/2025	**Location**	East
Client Name	Agha Brothers Construction Company	**Co-ordinates**	28°6'4" N 66°47'30" E
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulia River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.3	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	25	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	21	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.2	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	29	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	47	WL
8	Particulate Matter PM 10.0	µg/m³	150	92	WL
9	Solid Particulate Matter	µg/m³	500	257	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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West

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Dec/0237/25-S	Date : 26/12/2025

DESCRIPTION

Job Date:	17/12/2025	**Location**	West
Client Name	Agha Brothers Construction Company	**Co-ordinates**	28°6'5" N 66°47'31" E
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.5	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	27	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	23	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.4	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	28	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	45	WL
8	Particulate Matter PM 10.0	µg/m³	150	95	WL
9	Solid Particulate Matter	µg/m³	500	261	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

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North

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Dec/0237/25-Q	Date : 26/12/2025

DESCRIPTION

Job Date:	17/12/2025	**Location**	North
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'33" N 66°55'2" E
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	7.9	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	25	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	17	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.2	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	28	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	43	WL
8	Particulate Matter PM 10.0	µg/m³	150	89	WL
9	Solid Particulate Matter	µg/m³	500	253	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

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South

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Dec/0237/25-P	Date : 26/12/2025

DESCRIPTION

Job Date:	17/12/2025	**Location**	South
Client Name	Agha Brothers Construction Company	**Co-ordinates**	28°6'5" N 66°47'31" E
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.4	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	26	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	19	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.6	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	32	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	44	WL
8	Particulate Matter PM 10.0	µg/m³	150	93	WL
9	Solid Particulate Matter	µg/m³	500	257	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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Noise Level Monitoring Report

EVERMATE ENVIRONMENTAL LABORATORY

NOISE MONITORING	Report # E/Lab/Dec/0237/25-Y	Date : 26/12/2025

DESCRIPTION

Job Date:	17/12/2025	**Location**	Pashta Khan Site
Client Name	M/s Agha Brothers Construction Company		
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Testing Area & Co-ordinates	Test Results
1	Noise	dB(A)	ASTM - E1686-16	85	South 28°6'5" N 66°47'31" E	72.1
2					North 27°58'33" N 66°55'2" E	69.4
3					East 28°6'4" N 66°47'30" E	70.3
4					West 28°6'5" N 66°47'31" E	71.7

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

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OL= Out of Limit

ND= Not Detected

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Drinking Water Monitoring Camp Site

EVERMATE ENVIRONMENTAL LABORATORY

Drinking Water Test Report	Report # E/Lab/Dec/0237/25-U	Date : 26/12/2025

DESCRIPTION

Sample Quantity	1.0 Litre	**Sample Methodology**	Grab
Analysis Type	Chemical & Microbiological	**Sampling Location**	Cooler
Client Name	M/s Agha Brothers Construction Company	**Sampling Date**	17/12/2025
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S #	Parameter	Units	Testing Method	NEQS Limits	Results	Remarks
1	Total Bacteria Count	TBC (count/ml)	Total Viable Count	----------	17	WL
2	Total Coliform	TC (count/ml)	APHA 922 B	0/100 ml	Nil	WL
3	E-Coli	E coli(count/ml)	Total Viable Count	0/100 ml	Nil	WL
4	Fecal Coli	F C (count/ml)	APHA 922 B	0/100 ml	Nil	WL
5	pH @25 °C	pH	ASTM D-1293	6.5 to 8.5	7.24	WL
6	Taste & Odour	Taste/ Odor	Sensory Evolution	Objection/Non Objection	Non-Objectionable	WL
7	Magnesium	Mg (mg/L)	ASTM D-1126	<500	81	WL
8	Colour	TCU	Pt-Co Method	<15 TCU	<7	WL
9	Total Dissolved Solid	TDS (mg/L)	APHA 2540-C	<1000	296	WL
10	Fluoride	F (mg/L)	Lovibond Spands Regent Method	1.5	1.2	WL
11	Chloride	Cl (mg/L)	ASTM D-512	250	76.7	WL
12	Turbidity	NTU	Lovibond Attenuated Radiation Method	<5	BDL	WL
13	Calcium	Ca (mg/L)	ASTM D-1126	<500	81	WL
14	Nitrate	NO3(mg/L)	Lovibond Chromatropic Acid	0.50	0.19	WL
15	Nitrite	NO2 (mg/L)	Lovabond N-(1. Naphthyle) ethlenediamine Method	3	0.9	WL
16	Sodium Chloride	NaCl (mg/L)	Titration Methods	200 mg/L	9	WL
17	Copper	Cu^{2}(mg/L)	Lovibond Biquoline Method	2	<0.09	WL
18	Manganese	Mn^{2}(mg/L)	Lovibond PAN Method	0.5	ND	WL
19	Boron	B (mg/L)	Lovibond Azomethine Method	0.3	ND	WL
20	Aluminum	Al^{3}(mg/L)	ASTM D- 857	0.2	0.08	WL
21	Nickel	Ni^{2} (mg/L)	Lovibond Dimethylglyoxime Method	0.02	ND	WL
22	Selenium	Se^{+2}(mg/L)	APHA 4500 sb	0.01	ND	WL
23	Residual chlorine	Cl_2 (mg/L)	Lovibond DPD	----------	ND	WL
24	Antimony	Sb (mg/L)	APHA 3111 -sb	0.02	ND	WL
25	Barium	Ba^{2} (mg/L)	ASTM D-3651	0.7	0.07	WL
26	Potassium	K (mg/L)	flame photometry	200 mg/L	9	WL
27	Cyanide	CN (mg/L)	APHA 4500 CN	0.07	ND	WL
28	Mercury	Hg^{2}	Kit Method	0.001	ND	WL
29	Lead	Pb^{+2}(mg/L)	ASTM D- 3559	0.01	ND	WL
30	Phenolic Compounds	Phol (mg/L)	ASTM D- 1783	0.02	<0.02	WL
31	Arsenic	As (mg/L)	Merck Kit Method	0.01	ND	WL
32	Zinc	Zn^{+2} (mg/L)	Lovibond Zinc on Method	3	1.7	WL
33	Cadmium	Cd^{2} (mg/L)	ASTM D- 3557	0.003	ND	WL

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EVERMATE ENVIRONMENTAL LABORATORY

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Waste Water Monitoring

EVERMATE ENVIRONMENTAL LABORATORY

Waste Water Analysis	Report # E/Lab/Dec/0237/25-V	Date : 26/12/2025

DESCRIPTION

Quantity of Sample	1.0 Litre	Sampling Date	17/12/2025
Sample Received by	Mr. Yaseen	Sampling Location	Sewerage
Client Name	M/s Agha Brothers Construction Company		
Client Address	Construction of Pashta Khan and Garambowad Perennial Irrigation Subproject-Mulla River Basin (NCB-04).		

S #	Parameter	Units	Testing Method	NEQS Limits	Results	Remarks
1	Temperature @ 40 °C	°C	By Calibrated Thermometer	40 + ≤ 03 °C	29.01	WL
2	pH @25 °C	pH	ASTM D-1293	6 to 9	7.52	WL
3	Total Dissolved Solids	TDS (mg/L)	APHA 2540-C	3500	1997	WL
4	Total Suspended Solids	TSS (mg/L)	APHA 2540-D	200	86	WL
5	Biological Oxygen Demands	BOD_5 (mg/L)	APHA 5210	80	61	WL
6	Chemical Oxygen Demands	COD (mg/L)	ASTM D-1252	150	134	WL
7	Oil & Grease	(mg/L)	ASTM D-4281	10	4.4	WL
8	Chloride	Cl (mg/L)	ASTM D-512	1000	122.8	WL
9	Phenolic Compounds	Phol (mg/L)	ASTM D-1783	0.1	0.008	WL
10	Fluoride	F (mg/L)	APHA 4500F	10	ND	WL
11	Cyanide	CN^- (mg/L)	APHA 4500 CN	1.0	0.002	WL
12	Anionic Detergent As (MBAS)	Det (mg/L)	ASTM D-6173	20	1.7	WL
13	Sulphate	SO_4^{-2} (mg/L)	ASTM D-516	600	124.8	WL
14	Sulfide	S^{-2} (mg/L)	APHA 4500 S^{-2}	1.0	0.01	WL
15	Ammonia	NH_3 (mg/L)	ASTM D-1426	40	0.47	WL
16	Turbidity	Tub (mg/L)	By Hach	.....	48	WL
17	Cadmium	Cd (mg/L)	ASTM D-3557	0.1	ND	WL
18	Chromium	Cr(mg/L)	ASTM D-1687	1.0	0.66	WL
19	Copper	Cu^{2+} (mg/L)	ASTM D-1688	1.0	0.31	WL
20	Lead	Pb (mg/L)	ASTM D-3559	0.5	0.096	WL
21	Mercury	Hg^1 (mg/L)	APHA 3112	0.01	0.001	WL
22	Selenium	Se^{+2}(mg/L)	APHA 4500 Se	0.5	0.054	WL
23	Nickel	Ni^{+2} (mg/L)	ASTM D-1886	1.0	0.09	WL
24	Silver	Ag (mg/L)	ASTM D-3866	1.0	ND	WL
25	Total Toxic Metal	TTM (mg/L)	Kit Method	2.0	0.026	WL
26	Zinc	Zn (mg/L)	ASTM D-1691	5.0	1.4	WL
27	Arsenic	AS^{-3} (mg/L)	APHA 3500 AS	1.0	ND	WL
28	Barium	Ba^{+2} (mg/L)	ASTM D-3651	1.5	0.37	WL
29	Total Iron	Fe ^{2}(mg/L)	ASTM D-1068	8.0	1.0	WL
30	Manganese	Mn^{+2} (mg/L)	ASTM D-858	1.5	0.026	WL
31	Boron	B (mg/L)	ASTM D-3082	6.0	0.47	WL
32	Chlorine	Cl_2 (mg/L)	APHA 4500-C	1.0	0.07	WL

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EVERMATE ENVIRONMENTAL LABORATORY

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Photographic Evidence

East

West

North

South

Ambient Air and Noise Monitoring Camp Site

Vehicle Emissions

Generators Emissions

Drinking Water Sampling

Wastewater Sampling

Annexure VIII: Environmental Monitoring Report of MANYALO, RAIKO AND RIND ALI PERENNIAL IRRIGATION SUB PROJECT – MULA RIVER BASIN NCB-07

3rd Quarter July to September 2025

AGHA BROTHERS CONSTRUCTION COMPANY
RAMZAN & SONS (PRIVATE) LIMITED
(JOINT VENTURE)

Ref. No: ABCC/KHI/1538 Date: 09th October, 2025

PROJECT MANAGER
BWRDSP, Consultant
Quetta.

PROJECT: CONSTRUCTION OF MANYALO, RAIKO AND ALI PERENNIAL IRRIGATION SUBPROJECT MULA RIVER BASIN NCB-07.

SUBJECT: SUBMISSION OF QUARTERLY ENVIRONMENTAL MONITORING TEST REPORTS FOR THE 03rd QUARTER ENDING SEPTEMBER, 2025.

Respected Sir,

Kindly find enclosed herewith the quarterly environmental monitoring test reports in respect of subjected project for the 03rd quarter ending on September, 2025.

This is submitted for kind information please.

Yours Truly,

ABCC-RSL JV

M/s Agha Brothers Construction Company –
M/s Ramzan & Sons (Private) Limited – Joint Venture

CC:
1. Project Director – BWRDSP, Quetta
2. Office Copy.

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Vehicle Emission

EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-A	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Loader-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	966
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulia River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.85	WL
3	Noise	dB(A)	ASTM E-1124	85	72	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-B	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Loader-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	950-B
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.79	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-C	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Dumper-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	2807
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Aii Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.71	WL
3	Noise	dB(A)	ASTM E-1124	85	77	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-D	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Dumper-2	**Fuel**	Diesel
Serial #	TKY306	**Capacity**	-
Make	Caterpillar	**Model #**	FS1FKO
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.88	WL
3	Noise	dB(A)	ASTM E-1124	85	78	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-E	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Mixture-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	TKZ	**Model #**	200
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.93	WL
3	Noise	dB(A)	ASTM E-1124	85	82	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-F	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Mixture-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	TM	**Model #**	285
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.33	WL
3	Noise	dB(A)	ASTM E-1124	85	78	WL

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-G	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Dozer-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Komatsu	**Model #**	DS5P18
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.12	WL
3	Noise	dB(A)	ASTM E-1124	85	72	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-H	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Dozer-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	S-D8K
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.09	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-I	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Water Tank-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	1269
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind All Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.31	WL
3	Noise	dB(A)	ASTM E-1124	85	75	WL

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-J	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Water Tank-2	**Fuel**	Diesel
Serial #	FF173H19150	**Capacity**	-
Make	CSAE	**Model #**	4787
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.31	WL
3	Noise	dB(A)	ASTM E-1124	85	75	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-K	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Excavator-1	**Fuel**	Diesel
Serial #	HCM1G6000T00104833	**Capacity**	-
Make	Hitachi	**Model #**	ZX200LC
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.38	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-L	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Excavator-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Volvo	**Model #**	EW130
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.97	WL
3	Noise	dB(A)	ASTM E-1124	85	80	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

Chief Chemist

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-M	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Pickup-1	**Fuel**	Diesel
Serial #	PAH 910	**Capacity**	-
Make	Toyota	**Model #**	1994
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.24	WL
3	Noise	dB(A)	ASTM E-1124	85	75	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-N	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Pickup-2	**Fuel**	Diesel
Serial #	WAA 003	**Capacity**	-
Make	Toyota	**Model #**	2003
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.29	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

NOTE:

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Sep/0092/25-O	Date : 02/10/2025

DESCRIPTION

Vehicle Name	Grader	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Mitsubishi	**Model #**	LG29927
Client Name	M/s Agha Brothers Construction Company	**Job Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mula River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.98	WL
3	Noise	dB(A)	ASTM E-1124	85	81	WL

NOTE:

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Ambient Air Quality Monitoring

East

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Sep/0092/25-R	Date : 02/10/2025

DESCRIPTION

Job Date:	27/09/2025	**Location**	East
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'34" N 66°55'5" E
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.3	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	25	WL
3	Oxides of Nitrogen (NO_X)	µg/m³	120	17	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.3	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	31	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	42	WL
8	Particulate Matter PM 10.0	µg/m³	150	91	WL
9	Solid Particulate Matter	µg/m³	500	258	WL

NOTE:

NEQS=National Environmental Quality Standards.

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The measurement results based on the time of monitoring.

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OL= Out of Limit

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West

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Sep/0092/25-S	Date : 02/10/2025

DESCRIPTION

Job Date:	27/09/2025	**Location**	West
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'34" N 66°55'4" E
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mula River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.4	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	26	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	17	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.3	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	33	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	45	WL
8	Particulate Matter PM 10.0	µg/m³	150	92	WL
9	Solid Particulate Matter	µg/m³	500	256	WL

NOTE:

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The instruments used were dully calibrated.

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North

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Sep/0092/25-Q	Date : 02/10/2025

DESCRIPTION

Job Date:	27/09/2025	**Location**	North
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'33" N 66°55'2" E
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.1	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	24	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	18	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.2	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	31	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	44	WL
8	Particulate Matter PM 10.0	µg/m³	150	94	WL
9	Solid Particulate Matter	µg/m³	500	251	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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Analyst Signature

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South

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Sep/0092/25-P	Date : 02/10/2025

DESCRIPTION

Job Date:	27/09/2025	**Location**	South
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'33" N 66°55'6" E
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.2	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	28	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	19	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.1	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	33	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	48	WL
8	Particulate Matter PM 10.0	µg/m³	150	96	WL
9	Solid Particulate Matter	µg/m³	500	256	WL

NOTE:

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Noise Level Monitoring Report

EVERMATE ENVIRONMENTAL LABORATORY

NOISE MONITORING	Report # E/Lab/Sep/0092/25-Y	Date : 02/10/2025

DESCRIPTION

Job Date:	27/09/2025	**Location**	Manyalo Site
Client Name	M/s Agha Brothers Construction Company		
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Testing Area & Co-ordinates	Test Results
1	Noise	dB(A)	ASTM - E1686-16	85	South 27°58'33" N 66°55'6" E	70.2
2					North 27°58'33" N 66°55'2" E	68.8
3					East 27°58'34" N 66°55'5" E	69.2
4					West 27°58'34" N 66°55'4" E	70.5

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Drinking Water

EVERMATE ENVIRONMENTAL LABORATORY

Drinking Water Test Report	Report # E/Lab/Sep/0092/25-U	Date : 02/10/2025

DESCRIPTION

Sample Quantity	1.0 Litre	**Sample Methodology**	Grab
Analysis Type	Chemical & Microbiological	**Sampling Location**	Cooler
Client Name	M/s Agha Brothers Construction Company	**Sampling Date**	27/09/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S #	Parameter	Units	Testing Method	NEQS Limits	Results	Remarks
1	Total Bacteria Count	TBC (count/ml)	Total Viable Count	.....	15	WL
2	Total Coliform	TC (count/ml)	APHA 922 B	0/100 ml	Nil	WL
3	E-Coli	E coli(count/ml)	Total Viable Count	0/100 ml	Nil	WL
4	Fecal Coli	F C (count/ml)	APHA 922 B	0/100 ml	Nil	WL
5	pH @25 °C	pH	ASTM D-1293	6.5 to 8.5	7.16	WL
6	Taste	Taste	Sensory Evolution	Objection/Non Objection	Non-Objectionable	WL
7	Odour	Odor	Sensory Evolution	Objection/Non Objection	Non-Objectionable	WL
8	Colour	TCU	Pt-Co Method	<15 TCU	<6	WL
9	Total Dissolved Solid	TDS (mg/L)	APHA 2540-C	<1000	292	WL
10	Fluoride	F (mg/L)	Lovibond Spands Regent Method	1.5	1.2	WL
11	Chloride	Cl (mg/L)	ASTM D-512	250	76.8	WL
12	Turbidity	NTU	Lovibond Attenuated Radiation Method	<5	BDL	WL
13	Total Hardness as CaCO3	T.Hard (mg/L)	ASTM D-1126	<500	73	WL
14	Nitrate	NO3(mg/L)	Lovibond Chromotropic Acid	0.50	0.16	WL
15	Nitrite	NO2 (mg/L)	Lovabond N-(1. Naphthyle) ethlenediamine Method	3	0.7	WL
16	Chromium	Cr^{+3}(mg/L)	Lovibond 1,5 diphenyl- Carbonhydroze Method	.....	ND	WL
17	Copper	Cu^{2}(mg/L)	Lovibond Biqunoline Method	2	<0.06	WL
18	Manganese	Mn^{2}(mg/L)	Lovibond PAN Method	0.5	ND	WL
19	Boron	B (mg/L)	Lovibond Azemethine Method	0.3	ND	WL
20	Aluminum	Al^{3}(mg/L)	ASTM D- 857	0.2	0.05	WL
21	Nickel	Ni^{2} (mg/L)	Lovibond Dimethylglyoxime Method	0.02	ND	WL
22	Selenium	Se^{+2}(mg/L)	APHA 4500 sb	0.01	ND	WL
23	Residual chlorine	Cl2 (mg/L)	Lovibond DPD	.....	ND	WL
24	Antimony	Sb (mg/L)	APHA 3111 -sb	0.02	ND	WL
25	Barium	Ba^{2} (mg/L)	ASTM D-3651	0.7	0.06	WL
26	Cadmium	Cd^{2} (mg/L)	ASTM D- 3557	0.003	ND	WL
27	Cyanide	CN (mg/L)	APHA 4500 CN	0.07	ND	WL
28	Mercury	Hg^{2}	Kit Method	0.001	ND	WL
29	Lead	Pb^{+2}(mg/L)	ASTM D- 3559	0.01	ND	WL
30	Phenolic Compounds	Phol (mg/L)	ASTM D- 1783	0.02	<0.02	WL
31	Arsenic	As (mg/L)	Merck Kit Method	0.01	ND	WL
32	Zinc	Zn^{+2} (mg/L)	Lovibond Zinc an Method	3	1.5	WL

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EVERMATE ENVIRONMENTAL LABORATORY

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Analyst Signature

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Waste Water Monitoring

EVERMATE ENVIRONMENTAL LABORATORY

Waste Water Analysis	Report # E/Lab/Sep/0092/25-V	Date : 02/10/2025

DESCRIPTION

Quantity of Sample	1.0 Litre	**Sampling Date**	27/09/2025
Sample Received by	Mr. Yaseen	**Sampling Location**	Sewerage
Client Name	M/s Agha Brothers Construction Company		
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S #	Parameter	Units	Testing Method	NEQS Limits	Results	Remarks
1	Temperature @ 40 °C	°C	By Calibrated Thermometer	40 + ≤ 03 °C	30.7	WL
2	pH @25 °C	pH	ASTM D-1293	6 to 9	7.54	WL
3	Total Dissolved Solids	TDS (mg/L)	APHA 2540-C	3500	1995	WL
4	Total Suspended Solids	TSS (mg/L)	APHA 2540-D	200	80	WL
5	Biological Oxygen Demands	BOD_5 (mg/L)	APHA 5210	80	60	WL
6	Chemical Oxygen Demands	COD (mg/L)	ASTM D-1252	150	130	WL
7	Oil & Grease	(mg/L)	ASTM D-4281	10	4.3	WL
8	Chloride	Cl (mg/L)	ASTM D-512	1000	120.9	WL
9	Phenolic Compounds	Phol (mg/L)	ASTM D-1783	0.1	0.008	WL
10	Fluoride	F (mg/L)	APHA 4500F	10	ND	WL
11	Cyanide	CN^- (mg/L)	APHA 4500 CN	1.0	0.002	WL
12	Anionic Detergent As (MBAS)	Det (mg/L)	ASTM D-6173	20	1.6	WL
13	Sulphate	SO_4^{-2} (mg/L)	ASTM D-516	600	129.4	WL
14	Sulfide	S^{-2} (mg/L)	APHA 4500 S^{-2}	1.0	0.01	WL
15	Ammonia	NH_3 (mg/L)	ASTM D-1426	40	0.47	WL
16	Turbidity	Tub (mg/L)	By Hach	----------	46	WL
17	Cadmium	Cd (mg/L)	ASTM D-3557	0.1	ND	WL
18	Chromium	Cr(mg/L)	ASTM D-1687	1.0	0.66	WL
19	Copper	Cu^{2+} (mg/L)	ASTM D-1688	1.0	0.29	WL
20	Lead	Pb (mg/L)	ASTM D-3559	0.5	0.096	WL
21	Mercury	Hg^2 (mg/L)	APHA 3112	0.01	0.001	WL
22	Selenium	Se^{+2}(mg/L)	APHA 4500 Se	0.5	0.058	WL
23	Nickel	Ni^{+2} (mg/L)	ASTM D-1886	1.0	0.09	WL
24	Silver	Ag (mg/L)	ASTM D-3866	1.0	ND	WL
25	Total Toxic Metal	TTM (mg/L)	Kit Method	2.0	0.024	WL
26	Zinc	Zn (mg/L)	ASTM D-1691	5.0	1.8	WL
27	Arsenic	AS^{-1} (mg/L)	APHA 3500 AS	1.0	ND	WL
28	Barium	Ba^{+2} (mg/L)	ASTM D-3651	1.5	0.37	WL
29	Total Iron	Fe^{2}(mg/L)	ASTM D-1068	8.0	1.0	WL
30	Manganese	Mn^{+2} (mg/L)	ASTM D-858	1.5	0.025	WL
31	Boron	B (mg/L)	ASTM D-3082	6.0	0.47	WL
32	Chlorine	Cl_2 (mg/L)	APHA 4500-C	1.0	0.07	WL

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EVERMATE ENVIRONMENTAL LABORATORY

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4th Quarter September to December 2025

AGHA BROTHERS CONSTRUCTION COMPANY
RAMZAN & SONS (PRIVATE) LIMITED
(JOINT VENTURE)

Ref. No: ABCC/KHI/1616 Date: 31st December, 2025

PROJECT MANAGER
BWRDSP, Consultant
Quetta.

PROJECT: CONSTRUCTION OF MANYALO, RAIKO AND ALI PERENNIAL IRRIGATION SUBPROJECT MULA RIVER BASIN NCB-07.

SUBJECT: SUBMISSION OF QUARTERLY ENVIRONMENTAL MONITORING TEST REPORTS FOR THE 04TH QUARTER ENDING DECEMBER, 2025.

Respected Sir,

Kindly find enclosed herewith the quarterly environmental monitoring test reports in respect of subjected project for the 04th quarter ending on December, 2025.

This is submitted for kind information please.

Yours Truly,

ABCC-RSL JV

M/s Agha Brothers Construction Company –
M/s Ramzan & Sons (Private) Limited – Joint Venture

CC:
1. Project Director – BWRDSP, Quetta
2. Office Copy.

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Vehicle Emission

EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-A	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Loader-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	966
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Multa River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.88	WL
3	Noise	dB(A)	ASTM E-1124	85	74	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

This report is not valid for Court evidence/ Judicial knowledge.

The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-B	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Loader-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	950-B
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind All Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.80	WL
3	Noise	dB(A)	ASTM E-1124	85	73	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-C	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Dumper-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	2807
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.76	WL
3	Noise	dB(A)	ASTM E-1124	85	70	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-D	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Dumper-2	**Fuel**	Diesel
Serial #	TKY306	**Capacity**	-
Make	Caterpillar	**Model #**	FS1FKO
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.84	WL
3	Noise	dB(A)	ASTM E-1124	85	76	WL

NOTE:

NEQS=National Environmental Quality Standards.

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WL= Within Limit

OL= Out of Limit

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-E	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Mixture-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	TKZ	**Model #**	200
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind All Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.84	WL
3	Noise	dB(A)	ASTM E-1124	85	79	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-F	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Mixture-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	TM	**Model #**	285
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.70	WL
3	Noise	dB(A)	ASTM E-1124	85	68	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-G	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Dozer-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Komatsu	**Model #**	DS5P18
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.65	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-H	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Dozer-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Caterpillar	**Model #**	S-D8K
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind All Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.56	WL
3	Noise	dB(A)	ASTM E-1124	85	67	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-I	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Water Tank-1	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Hino	**Model #**	1269
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.43	WL
3	Noise	dB(A)	ASTM E-1124	85	67	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

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OL= Out of Limit

ND= Not Detected

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-J	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Water Tank-2	**Fuel**	Diesel
Serial #	FF173H19150	**Capacity**	-
Make	CSAE	**Model #**	4787
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.49	WL
3	Noise	dB(A)	ASTM E-1124	85	73	WL

NOTE:

NEQS=National Environmental Quality Standards.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-K	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Excavator-1	**Fuel**	Diesel
Serial #	HCM1G6000T00104833	**Capacity**	-
Make	Hitachi	**Model #**	ZX200LC
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.41	WL
3	Noise	dB(A)	ASTM E-1124	85	75	WL

NOTE:

NEQS=National Environmental Quality Standards.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-L	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Excavator-2	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Volvo	**Model #**	EW130
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.88	WL
3	Noise	dB(A)	ASTM E-1124	85	79	WL

NOTE:

NEQS=National Environmental Quality Standards.

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Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-M	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Pickup-1	**Fuel**	Diesel
Serial #	PAH 910	**Capacity**	-
Make	Toyota	**Model #**	1994
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.41	WL
3	Noise	dB(A)	ASTM E-1124	85	72	WL

NOTE:

NEQS=National Environmental Quality Standards.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

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Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-N	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Pickup-2	**Fuel**	Diesel
Serial #	WAA 003	**Capacity**	-
Make	Toyota	**Model #**	2003
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.35	WL
3	Noise	dB(A)	ASTM E-1124	85	71	WL

NOTE:

NEQS=National Environmental Quality Standards.

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The measurement results based on the time of monitoring.

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OL= Out of Limit

ND= Not Detected

Analyst Signature

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EVERMATE ENVIRONMENTAL LABORATORY

Vehicular Emission Analysis	Report # E/Lab/Dec/0238/25-O	Date : 27/12/2025

DESCRIPTION

Vehicle Name	Grader	**Fuel**	Diesel
Serial #	-	**Capacity**	-
Make	Mitsubishi	**Model #**	LG29927
Client Name	M/s Agha Brothers Construction Company	**Job Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Test Results	Test Remarks
1	Smoke	Ringleman scale	ASTM D-2156	2	1.0	WL
2	Carbon Monoxide (CO)	%	ASTM D-6522	6	1.95	WL
3	Noise	dB(A)	ASTM E-1124	85	80	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

OL= Out of Limit

ND= Not Detected

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Air Quality Monitoring Report

East

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Dec/0238/25-R	Date : 27/12/2025

DESCRIPTION

Job Date:	18/12/2025	**Location**	East
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'34" N 66°55'5" E
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	$\mu g/m^3$	40	8.3	WL
2	Nitrogen Dioxide (NO_2)	$\mu g/m^3$	80	26	WL
3	Oxides of Nitrogen (NO_x)	$\mu g/m^3$	120	18	WL
4	Carbon Monoxide (CO)	mg/m^3	10	3.3	WL
5	Sulfur Dioxide (SO_2)	$\mu g/m^3$	120	32	WL
6	Ozone (O_3)	$\mu g/m^3$	130	ND	WL
7	Particulate Matter PM 2.5	$\mu g/m^3$	75	43	WL
8	Particulate Matter PM 10.0	$\mu g/m^3$	150	93	WL
9	Solid Particulate Matter	$\mu g/m^3$	500	258	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were dully calibrated.

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The measurement results based on the time of monitoring.

WL= Within Limit

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West

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Dec/0238/25-S	Date : 27/12/2025

DESCRIPTION

Job Date:	18/12/2025	**Location**	West
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'34" N 66°55'4" E
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	$\mu g/m^3$	40	8.3	WL
2	Nitrogen Dioxide (NO_2)	$\mu g/m^3$	80	25	WL
3	Oxides of Nitrogen (NO_x)	$\mu g/m^3$	120	19	WL
4	Carbon Monoxide (CO)	mg/m^3	10	3.4	WL
5	Sulfur Dioxide (SO_2)	$\mu g/m^3$	120	33	WL
6	Ozone (O_3)	$\mu g/m^3$	130	ND	WL
7	Particulate Matter PM 2.5	$\mu g/m^3$	75	47	WL
8	Particulate Matter PM 10.0	$\mu g/m^3$	150	94	WL
9	Solid Particulate Matter	$\mu g/m^3$	500	259	WL

NOTE:

NEQS=National Environmental Quality Standards.

The instruments used were duly calibrated.

The measurements were carried out on client's request.

The client is responsible for lawful usage of reported data in future.

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The measurement results based on the time of monitoring.

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Analyst Signature

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North

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Dec/0238/25-Q	Date : 27/12/2025

DESCRIPTION

Job Date:	18/12/2025	**Location**	North
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'33" N 66°55'2" E
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	$\mu g/m^3$	40	8.2	WL
2	Nitrogen Dioxide (NO_2)	$\mu g/m^3$	80	25	WL
3	Oxides of Nitrogen (NO_x)	$\mu g/m^3$	120	19	WL
4	Carbon Monoxide (CO)	mg/m^3	10	3.3	WL
5	Sulfur Dioxide (SO_2)	$\mu g/m^3$	120	34	WL
6	Ozone (O_3)	$\mu g/m^3$	130	ND	WL
7	Particulate Matter PM 2.5	$\mu g/m^3$	75	46	WL
8	Particulate Matter PM 10.0	$\mu g/m^3$	150	97	WL
9	Solid Particulate Matter	$\mu g/m^3$	500	253	WL

NOTE:

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The measurement results based on the time of monitoring.

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Analyst Signature

Chief Chemist

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South

EVERMATE ENVIRONMENTAL LABORATORY

AIR QUALITY ANALYSIS	Report # E/Lab/Dec/0238/25-P	Date : 27/12/2025

DESCRIPTION

Job Date:	18/12/2025	**Location**	South
Client Name	Agha Brothers Construction Company	**Co-ordinates**	27°58'33" N 66°55'6" E
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	NEQS Limits	Test Results	Test Remarks
1	Nitrogen Oxide (NO)	µg/m³	40	8.1	WL
2	Nitrogen Dioxide (NO_2)	µg/m³	80	26	WL
3	Oxides of Nitrogen (NO_x)	µg/m³	120	19	WL
4	Carbon Monoxide (CO)	mg/m³	10	3.2	WL
5	Sulfur Dioxide (SO_2)	µg/m³	120	31	WL
6	Ozone (O_3)	µg/m³	130	ND	WL
7	Particulate Matter PM 2.5	µg/m³	75	45	WL
8	Particulate Matter PM 10.0	µg/m³	150	94	WL
9	Solid Particulate Matter	µg/m³	500	253	WL

NOTE:

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Noise Level Monitoring Report

EVERMATE ENVIRONMENTAL LABORATORY

NOISE MONITORING	Report # E/Lab/Dec/0238/25-Y	Date : 27/12/2025

DESCRIPTION

Job Date:	18/12/2025	**Location**	Manyalo Site
Client Name	M/s Agha Brothers Construction Company		
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S. No.	Measuring Parameter	Units	Testing Method	NEQS Limits	Testing Area & Co-ordinates	Test Results
1	Noise	dB(A)	ASTM - E1686-16	85	South 27°58'33" N 66°55'6" E	69.4
2					North 27°58'33" N 66°55'2" E	67.3
3					East 27°58'34" N 66°55'5" E	68.1
4					West 27°58'34" N 66°55'4" E	69.8

NOTE:

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Drinking Water

EVERMATE ENVIRONMENTAL LABORATORY

Drinking Water Test Report	Report # E/Lab/Dec/0238/25-U	Date : 27/12/2025

DESCRIPTION

Sample Quantity	1.0 Litre	**Sample Methodology**	Grab
Analysis Type	Chemical & Microbiological	**Sampling Location**	Cooler
Client Name	M/s Agha Brothers Construction Company	**Sampling Date**	18/12/2025
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07)		

S #	Parameter	Units	Testing Method	NEQS Limits	Results	Remarks
1	Total Bacteria Count	TBC (count/ml)	Total Viable Count	----------	16	WL
2	Total Coliform	TC (count/ml)	APHA 922 B	0/100 ml	Nil	WL
3	E-Coli	E coli(count/ml)	Total Viable Count	0/100 ml	Nil	WL
4	Fecal Coli	F C (count/ml)	APHA 922 B	0/100 ml	Nil	WL
5	pH @25 °C	pH	ASTM D-1293	6.5 to 8.5	7.24	WL
6	Taste & Odour	Taste/ Odor	Sensory Evolution	Objection/Non Objection	Non-Objectionable	WL
7	Magnesium	Mg (mg/L)	ASTM D-1126	<500	80	WL
8	Colour	TCU	Pt-Co Method	<15 TCU	<7	WL
9	Total Dissolved Solid	TDS (mg/L)	APHA 2540-C	<1000	296	WL
10	Fluoride	F (mg/L)	Lovibond Spands Regent Method	1.5	1.2	WL
11	Chloride	Cl (mg/L)	ASTM D-512	250	76.7	WL
12	Turbidity	NTU	Lovibond Attenuated Radiation Method	<5	BDL	WL
13	Calcium	Ca (mg/L)	ASTM D-1126	<500	80	WL
14	Nitrate	NO3(mg/L)	Lovibond Chromotropic Acid	0.50	0.19	WL
15	Nitrite	NO2 (mg/L)	Lovibond N-(1. Naphthyle) ethlenediamine Method	3	0.9	WL
16	Sodium Chloride	NaCl (mg/L)	Titration Methods	200 mg/L	8	WL
17	Copper	Cu^{+2}(mg/L)	Lovibond Biquoline Method	2	<0.09	WL
18	Manganese	Mn^{+2}(mg/L)	Lovibond PAN Method	0.5	ND	WL
19	Boron	B (mg/L)	Lovibond Azomethine Method	0.3	ND	WL
20	Aluminum	Al^{+3}(mg/L)	ASTM D- 857	0.2	0.08	WL
21	Nickel	Ni^{+2} (mg/L)	Lovibond Dimethylglyoxime Method	0.02	ND	WL
22	Selenium	Se^{+3}(mg/L)	APHA 4500 sb	0.01	ND	WL
23	Residual chlorine	Cl_2 (mg/L)	Lovibond DPD	----------	ND	WL
24	Antimony	Sb (mg/L)	APHA 3111 -sb	0.02	ND	WL
25	Barium	Ba^{2} (mg/L)	ASTM D-3651	0.7	0.06	WL
26	Potassium	K (mg/L)	flame photometry	200 mg/L	8	WL
27	Cyanide	CN (mg/L)	APHA 4500 CN	0.07	ND	WL
28	Mercury	Hg^{2}	Kit Method	0.001	ND	WL
29	Lead	Pb^{+2}(mg/L)	ASTM D- 3559	0.01	ND	WL
30	Phenolic Compounds	Phol (mg/L)	ASTM D- 1783	0.02	<0.02	WL
31	Arsenic	As (mg/L)	Merck Kit Method	0.01	ND	WL
32	Zinc	Zn^{+2} (mg/L)	Lovibond Zinc on Method	3	1.6	WL
33	Cadmium	Cd^{2} (mg/L)	ASTM D- 3557	0.003	ND	WL

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EVERMATE ENVIRONMENTAL LABORATORY

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Wastewater Monitoring

EVERMATE ENVIRONMENTAL LABORATORY

Waste Water Analysis	Report # E/Lab/Dec/0238/25-V	Date : 27/12/2025

DESCRIPTION

Quantity of Sample	1.0 Litre	Sampling Date	18/12/2025
Sample Received by	Mr. Yaseen	Sampling Location	Sewerage
Client Name	M/s Agha Brothers Construction Company		
Client Address	Construction of Manyalo, Raiko and Rind Ali Perennial Irrigation Subproject-Mulla River Basin (NCB-07).		

S #	Parameter	Units	Testing Method	NEQS Limits	Results	Remarks
1	Temperature @ 40 °C	°C	By Calibrated Thermometer	40 + ≤ 03 °C	28.4	WL
2	pH @25 °C	pH	ASTM D-1293	6 to 9	7.65	WL
3	Total Dissolved Solids	TDS (mg/L)	APHA 2540-C	3500	1987	WL
4	Total Suspended Solids	TSS (mg/L)	APHA 2540-D	200	82	WL
5	Biological Oxygen Demands	BOD_5 (mg/L)	APHA 5210	80	61	WL
6	Chemical Oxygen Demands	COD (mg/L)	ASTM D-1252	150	127	WL
7	Oil & Grease	(mg/L)	ASTM D-4281	10	4.9	WL
8	Chloride	Cl (mg/L)	ASTM D-512	1000	119.9	WL
9	Phenolic Compounds	Phol (mg/L)	ASTM D-1783	0.1	0.007	WL
10	Fluoride	F (mg/L)	APHA 4500F	10	ND	WL
11	Cyanide	CN^- (mg/L)	APHA 4500 CN	1.0	0.003	WL
12	Anionic Detergent As (MBAS)	Det (mg/L)	ASTM D-6173	20	1.5	WL
13	Sulphate	SO_4^{2-} (mg/L)	ASTM D-516	600	130.4	WL
14	Sulfide	S^{-2} (mg/L)	APHA 4500 S^{-2}	1.0	0.01	WL
15	Ammonia	NH_3 (mg/L)	ASTM D-1426	40	0.48	WL
16	Turbidity	Tub (mg/L)	By Hach	------	45	WL
17	Cadmium	Cd (mg/L)	ASTM D-3557	0.1	ND	WL
18	Chromium	Cr(mg/L)	ASTM D-1687	1.0	0.65	WL
19	Copper	Cu^{2+} (mg/L)	ASTM D-1688	1.0	0.28	WL
20	Lead	Pb (mg/L)	ASTM D-3559	0.5	0.096	WL
21	Mercury	Hg^2 (mg/L)	APHA 3112	0.01	0.001	WL
22	Selenium	Se^{+2}(mg/L)	APHA 4500 Se	0.5	0.057	WL
23	Nickel	Ni^{+2} (mg/L)	ASTM D-1886	1.0	0.09	WL
24	Silver	Ag (mg/L)	ASTM D-3866	1.0	ND	WL
25	Total Toxic Metal	TTM (mg/L)	Kit Method	2.0	0.023	WL
26	Zinc	Zn (mg/L)	ASTM D-1691	5.0	1.8	WL
27	Arsenic	AS^{-3} (mg/L)	APHA 3500 AS	1.0	ND	WL
28	Barium	Ba^{+2} (mg/L)	ASTM D-3651	1.5	0.34	WL
29	Total Iron	Fe^{3}(mg/L)	ASTM D-1068	8.0	1.0	WL
30	Manganese	Mn^{+2} (mg/L)	ASTM D-858	1.5	0.024	WL
31	Boron	B (mg/L)	ASTM D-3082	6.0	0.47	WL
32	Chlorine	Cl_2 (mg/L)	APHA 4500-C	1.0	0.06	WL

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EVERMATE ENVIRONMENTAL LABORATORY

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Photographic Evidence

East

West

North

South

Ambient Air Quality Monitoring

Drinking Water Samples

Wastewater Samples


Vehicle Emission


Generators Emissions

Annexure VIII : Agreement for Solid Waste Disposal Site

Pashta Khan and Garambowad Perennial Irrigation Sub Project (NCB- 04)

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

AGREEMENT FOR THE SOLID WASTE DISPOSAL SITE

This agreement for the Disposal of Solid Waste is entered into on this 14/7/2024 by and between.

Agha Brothers Construction Company

&

Haji Ismail (Landowner of Waste disposal site)

RECITAL:

A. The company is engaged in the business of construction and generates solid waste in the course of its operations.

B. The Landowner owns certain real property having a total area of 3.5 acre in which 0.5 acre is allocated for dumping site located within the 1.5 km from the camp at Pashta khan Mola, Khuzdar which is suitable for the disposal of solid waste generated by the Company

C. The Company desires to use the property for the disposal of solid waste, and the Landowner is willing to permit such use on the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the mutual covenants contains herein, the Company and the Landowner agree as follows.

1. Definitions:

A. Solid waste shall mean any non- hazardous waste generated by the Company in the course of its construction operations.
B. Property shall mean the real property owned by the Landowner and located at Pashta Khan Mola, Khuzdar

2. Grant of access:

Subject to the terms and conditions of this agreement, the Landowner grants the Company the exclusive right to use and access the property for the disposal of Solid Waste during the term of this agreement.

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

3. Terms:

This agreement shall commence on the Effective Date and continue for a period of **2 years,** unless terminated earlier in accordance with the terms herein.

4. Compensation:

In consideration for the use of the property, the Company shall pay the Landowner a fee of **Rs 4000** per month for the duration of this agreement.

5. Compliance with Laws:

The Company shall comply with all federal, state, and local laws, regulations, and permits governing the disposal of Solid Waste on the property.

6. Indemnification:

The Company shall indemnify and hold the Landowner harmless from any claims, damages, or liabilities arising from the Company's use of the Property for Solid Waste disposal.

Agha Brother Construction Company **Landowner**

Site In charge: M Sharif

Signature;

Haji Ismail

Signature

Date: 17/07/2024

Construction of Manyalo, Raiko And Rind Ali Perennial Irrigation Sub Project – Mula River Basin (NCB-07)

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

AGREEMENT FOR THE SOLID WASTE DISPOSAL SITE

This agreement for the Disposal of Solid Waste is entered into on this 10/7/2024 by and between.

Agha Brothers Construction Company

&

Khalid Hussain (Landowner of Waste disposal site)

RECITAL:

A. The company is engaged in the business of construction and generates solid waste in the course of its operations.

B. The Landowner owns certain real property having a total area of 2.5 acre in which 0.5 acre is allocated for dumping site located within the 1.5 km from the camp at Manyalo, Khuzdar which is suitable for the disposal of solid waste generated by the Company

C. The Company desires to use the property for the disposal of solid waste, and the Landowner is willing to permit such use on the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the mutual covenants contains herein, the Company and the Landowner agree as follows.

1. Definitions:

A. Solid waste shall mean any non- hazardous waste generated by the Company in the course of its construction operations.
B. Property shall mean the real property owned by the Landowner and located at Manyalo, Khuzdar

2. Grant of access:

Subject to the terms and conditions of this agreement, the Landowner grants the Company the exclusive right to use and access the property for the disposal of Solid Waste during the term of this agreement.

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

3. Terms:

This agreement shall commence on the Effective Date and continue for a period of **2 years,** unless terminated earlier in accordance with the terms herein.

4. Compensation:

In consideration for the use of the property, the Company shall pay the Landowner a fee of **Rs 4000** per month for the duration of this agreement.

5. Compliance with Laws:

The Company shall comply with all federal, state, and local laws, regulations, and permits governing the disposal of Solid Waste on the property.

6. Indemnification:

The Company shall indemnify and hold the Landowner harmless from any claims, damages, or liabilities arising from the Company's use of the Property for Solid Waste disposal.

Agha Brother Construction Company **Landowner**

Site In charge: M Nasir

Signature:

Khalid Hussain

Signature:

Date: 11/07/2024

Annexure VIII: MoU with Dispenser

Pashta Khan and Garambowad Perennial Irrigation Sub Project (NCB- 04)

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding (hereinafter referred to as the 'MOU') has been executed in Mola Pashta khan District Khuzdar, on this day of **7/5/2024**

By and between

Agha Brother Construction Company (ABCC) and Dr Ilyas owner of Ahmed Medical and Clinic.

Purpose.

- The ABCC company will be responsible to send their minor ill health employers to the Ahmed Medical and Clinical
- It will be the responsibility of the medical staff of the suggested clinical to provide Medical First Aid and assistant to the company's ill health employers.

HSE Officer Agha Brother Construction Company

Owner Ahmed Medical Clinic

Construction of Manyalo, Raiko And Rind Ali Perennial Irrigation Sub Project – Mula River Basin (NCB-07)

M/S AGHA BROTHERS CONSTRUCTION COMPANY –
M/S RAMZAN & SONS (PVT) LIMITED - JOINT VENTURE

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding (hereinafter referred to as the 'MOU') has been executed in Manyalo District Khuzdar, on this day of **7/5/2024**

By and between

Agha Brother Construction Company (ABCC) and Dr Sajjad owner of Bilal Medical and Clinic.

Purpose.

- The ABCC company will be responsible to send their minor ill health employers to the Bilal Medical and Clinical
- It will be the responsibility of the medical staff of the suggested clinical to provide Medical First Aid and assistant to the company's ill health employers.

HSE Officer Agha Brother Construction Company

Owner Bilal Medical Clinic