

Karachi Water and Sewerage Services Improvement Project (KWSSIP-II)

FOURTH QUARTERLY PROGRESS REPORT

October– December 2025

Submission: 28th February, 2026

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List of Abbreviations/ Acronyms

AIIB	Asian Infrastructure Investment Bank
CERC	Contingent Emergency Response Component
CESMP	Construction/ Contractor’s Environmental & Social Management Plan
ESF	Environmental & Social Framework
E&S	Environmental & Social
ESC	Environmental and Social Cell
ESCP	Environmental & Social Commitment Plan
ESIA	Environmental & Social Impact Assessment
GIS	Geographic Information System
GRM	Grievance Redress Mechanism
GoS	Government of Sindh
HR	Human Resource
KLCAP	Kinjhar Lake Conservation Action Plan
KWSSIP	Karachi Water & Sewerage Services Improvement Project
KW&SC	Karachi Water & Sewerage Corporation
M&E	Monitoring & Evaluation
NRW	Non Revenue Water
OHS	Occupational Health & Safety
PIU	Project Implementation Unit
PPP	Public Private Partnership
QPR	Quarterly Progress Report
RP	Resettlement Plan
SC	Supervision Consultant
SEA/SH	Sexual Exploitation & Abuse/ Sexual Harassment
STDC	Sindh Transmission & Dispatch Company
WAPDA	Water & Power Development Authority
WB	World Bank

Executive Summary

The Fourth Quarterly Progress Report (October–December 2025) presents the implementation progress of the Second Karachi Water and Sewerage Services Improvement Project (KWSSIP-II), with emphasis on compliance with the Environmental and Social Commitment Plan (ESCP) and the World Bank Environmental and Social Framework (ESF).

During the reporting period, implementation advanced across construction, institutional strengthening, stakeholder engagement, environmental management, and associated facility oversight, while corrective measures were undertaken to address identified health and safety compliance gaps.

Institutional strengthening continued within the Project Implementation Unit (PIU), with the Senior Environmental Specialist and Senior Social Development Specialist remaining onboard. Recruitment processes for additional Environmental Specialists and the Occupational Health and Safety (OHS) Specialist progressed, although the onboarding of a Gender Specialist remains pending, delaying preparation of the standalone SEA/SH Action Plan. A significant milestone during the quarter was the formal approval of the permanent Environmental and Social (E&S) Cell within Karachi Water and Sewerage Corporation (KWSC) under the Chief Operating Officer. Key positions, including Chief Environmental & Social and supporting managers, were advertised, and the selection process for the Chief E&S Officer was initiated, although Manager-level positions remain to be filled. This reform is intended to institutionalize environmental, social, and OHS governance beyond project-specific arrangements and strengthen regulatory compliance, monitoring, and internal accountability mechanisms.

Substantial progress was recorded under the K-IV Augmentation Project, particularly the 2.7 km common corridor from NIPA to Hasan Square, where transmission mains of 96-inch and 72-inch diameter are being installed along the KBRT corridor. By the end of December 2025, physical progress reached approximately 58.72 percent and financial progress 60.63 percent. Activities included excavation, pipe manufacturing and shipment, pipe laying, welding, backfilling, trial pits for identification of existing utilities, and site surveys. The complexity of the dense urban corridor, presence of live utilities, and traffic management constraints required enhanced coordination and site-specific risk mitigation measures.

During the quarter, Environmental and Social (E&S) performance was characterized by significant initial non-compliances followed by full corrective action and conditional compliance restoration.

A total of 11 major E&S non-compliances were identified across critical areas, including occupational health and safety (OHS), environmental management, community safety, and institutional capacity. Of these, 100% were addressed prior to site reopening on 10 January 2026, following a one-month site closure (10 December 2025 – 10 January 2026) mandated to ensure compliance with World Bank requirements.

E&S monitoring identified systemic gaps in contractor performance, including repeated high-risk OHS violations (unsafe trenching and pipe handling), lack of ESS staffing, and absence of key environmental controls. More than 80% of Supervision Consultant letters did not receive formal contractor responses, requiring direct intervention by the PIU and Consultant to enforce compliance and implement corrective measures.

Stakeholder engagement remained active, with 42 consultations conducted involving 222 participants (57% female participation) across institutions, businesses, and communities. A total of 52 Project Affected Persons (PAPs) were identified for livelihood impacts along the 2.7 km corridor. The project-level GRM recorded 4 complaints, of which 75% were resolved within the reporting period, with the remaining under follow-up.

Environmental monitoring results indicate that 100% of gaseous pollutants (SO₂, CO, NO₂) complied with standards, while particulate matter (PM₁₀ and PM_{2.5}) exceeded limits at all monitoring locations. Drinking water quality showed 100% compliance across all physico-chemical, microbiological, and heavy metal parameters.

In terms of waste management, 43 kg of domestic waste and 729 m³ of excavated spoil were managed through designated systems, while 5,830 liters of wastewater were safely disposed of through authorized services.

Health and safety performance recorded zero near misses and zero major incidents, with only one minor first aid case reported during the period. A total of 24 toolbox talks, 14 HSE inductions, and 7 training sessions were conducted to strengthen on-site safety awareness.

Overall, compliance during the reporting period was achieved through enforced corrective actions rather than proactive contractor performance, with site closure serving as a critical control measure to ensure alignment with ESMP and World Bank ESF requirements. Continued focus is required on sustained compliance, contractor accountability, and preventive monitoring in subsequent quarters.

The Kinjhar Lake Conservation Action Plan (KLCAP) Committee has been notified and an introductory meeting was conducted in the last quarter. However no meeting has been conducted during this quarter (October – December) and the Critical Habitat Assessment was previously submitted to the Bank, and work was ongoing to address the Bank’s comments by both the PIU and the consultant... Rehabilitation of the KB Feeder Canal progressed substantially, with approximately 67 percent lining work completed and overall progress reaching around 80 percent, supporting water balance management commitments.

Stakeholder engagement remained robust. During the reporting period, 42 consultations were conducted along and adjacent to the 2.7 km alignment, engaging 222 participants, including 126 females and 96 males. Stakeholders included universities, hospitals, banks, commercial establishments, residential building unions, nurseries, vendors, Union Councils, and site coordination representatives. Consultations focused on planned road closures, traffic diversion plans, alternate access arrangements, construction safety measures, and the project’s Grievance Redress Mechanism (GRM). One large-scale community consultation was conducted in collaboration with UC-3, and a dedicated GBV/SH/SEA awareness session was held at Sir Syed University of Engineering and Technology, contributing significantly to female participation. Stakeholders emphasized the importance of advance notification, clear scheduling, and timely completion, particularly in light of ongoing KBRT-related disruptions, while expressing overall support for the project’s role in addressing Karachi’s water supply challenges.

Screening along the 2.7 km corridor identified 52 Project Affected Persons experiencing temporary livelihood impacts, primarily including nurseries, street vendors, and small shopkeepers. An Addendum to the Resettlement Plan is under preparation due to alignment adjustments. A Community Grievance Redress Committee was established for UC-2, UC-3, and UC-8, enhancing localized grievance resolution and coordination.

The Grievance Redress Mechanism remained operational at site level, with complaint boxes, banners, and awareness sessions conducted for workers and community members. During the quarter, four complaints related to traffic diversion, road closure, and labor behavior were received; most were resolved through consultations and mitigation measures, with one complaint pending closure until road access is fully restored.

The Corrective Action Plan for resettlement (CAP-RP) addendum covering old and new alignments was approved and disclosed, with implementation ongoing under independent monitoring. For the K-IV Power Component, the submission of the CESMP and preparation of the Land Acquisition and Resettlement Plan remain pending due to funding constraints.

While certain ESCP actions remain pending particularly related to SEA/SH action planning, staffing completion, and resettlement finalization corrective measures undertaken during the quarter have enhanced compliance systems and reinforced adherence to World Bank ESF requirements.

1. Introduction

1.1. Project Background

The Second Karachi Water and Sewerage Services Improvement Project (KWSSIP-2) is being implemented by the Government of Sindh (GoS) through the Karachi Water and Sewerage Corporation (KWSC), with financial support from the World Bank (WB) and the Asian Infrastructure Investment Bank (AIIB). The project aims to improve access to safely managed water supply and sewerage services in Karachi and strengthen the institutional, financial, and operational capacity of KWSC.

The project comprises the following four components:

Component 1: Capacity Building and Reform of KWSC – Focuses on institutional strengthening, organizational restructuring, utility modernization, gender-inclusive HR practices, development of GIS, billing systems, water quality labs, and support to the KWSC E&S Cell.

Component 2: Safely Managed Water Supply and Sanitation Services – Supports physical investments including water distribution and sewer network rehabilitation, non-revenue water (NRW) reduction, water treatment plant upgrades, K-IV augmentation, and a wastewater recycling facility through PPPs.

Component 3: Project Management and Studies – Covers design reviews, supervision, M&E, beneficiary surveys, E&S risk management, and feasibility studies for future projects.

Component 4: Contingent Emergency Response Component (CERC) – Provides flexibility for reallocating funds in case of eligible emergencies.

The main sub projects under Component 2 are

<p>1.K-IV Augmentation Works</p> <p>Lot-1: Water Transmission Main from Reservoir 1 To Y-Junction</p> <p>Lot-2: Water Transmission Main from Reservoir 2 to Sir Syed University of Engineering & Technology near NIPA.</p> <p>Lot-3: Water Transmission Main from Hassan Square to Gul Bai.</p> <p>Lot-4: Water Transmission Main from Reservoir 3 To Banaras</p>
<p>2. Rehabilitation of Existing Water Treatment Plants Package</p> <p>Lot-1: Rehabilitation of PIPRI Filter Plant</p> <p>Lot-2: Rehabilitation of NEK Filter Plant</p>
<p>3.Construction and Improvement of Water Supply and Sewerage Systems in Katchi Abadis</p>
<p>4. Rehabilitation and Extension of Priority Sewer Network</p>

5. Sealing of joints at main pipelines

6. Priority Works for Reducing Energy Consumption for Dhabeji pumping complex (DPC)

7. Priority Water Network Rehabilitation - 10 DMAs.

1.2. Scope and Objectives of the QPR

This report presents a comprehensive overview of the Environmental and Social Standards progress made during the reporting period (October 2025 to December 2025) on the environmental and social compliance requirements as per the Environmental and Social Commitment Plan (ESCP) of KWSSIP-2).

2. Agreed Actions of the World Bank E&S Mission (September – October 2025)

2.1. Update on Delayed Actions

Sr. No.	Actions	Deadline	Status	New Deadline	Comments / Remarks
1	Hiring of staff for implementation of CAP-RP	20 October 2025	Partially Completed	—	One Environmental Specialist joining 1 March 2026; second Environmental Specialist joining first week of May 2026. OHS Specialist has joined PIU on 16 th of February, 2026 and Social Development Specialist joining on 1 st of April, 2026. Another social specialist position is vacant
2	Operationalize the phone number of Project level GRM	Immediately	Completed	—	Help Desk established at LAO Office, DC Office District Malir. Project-level GRM operational at KWSSIP.
3	Develop strategy for preparation of E&S documents (PIU, WAPDA, SC)	30 October 2025	Delayed	9 February 2026	Received from KIV Main Consultant on 6 Feb 2026; submitted to Bank on 9 Feb 2026.
4	Meeting with WAPDA K-IV Main Team & SC for E&S documents and implementation strategy	6 October 2025	Completed	3 February 2026	Several meetings have been conducted WAPDA for this task. However minutes of the meetings have not been issued.
5	Revalidation of Katchi Abadis' E&S instruments (Social Baseline & Stand-alone Social Assessment)	8 December 2025	Delayed	—	ToRs finalized; internal clearance from KW&SC CEO and appointment of Contract Manager required prior to WB No Objection. TORs have been finalized and cleared from the Bank on 17 th February, 2026. However, a Contract Manager needs to be nominated for this activity. Currently, the activity is on hold.
6	Formal E&S event with contractors, SEPA & stakeholders (KWSSIP 1 & 2)	13 Nov 2025 (rescheduled 15 Dec)	Postponed	September 2026	Subject to contractor onboarding.
7	Submit E&S Training Manual incl. evaluation forms	30 November 2025	Ongoing	25 February 2026	Submitted 23 Dec 2025; Bank comments received 7 Jan 2026; updated version to be shared by 25 Feb 2026. The activity is

Sr. No.	Actions	Deadline	Status	New Deadline	Comments / Remarks
					delayed, and the PIU is required to address the comprehensive comments provided by the Bank.
8	Finalize Critical Habitat Assessment (CHA) & formalization event	TBD	Ongoing	25 February 2026	CHA conducted; report submitted to PIU 4 Feb 2026; submission to Bank by 17 Feb 2026.
9	E&S due diligence of quarry sites (ESF requirement)	Prior to works	Completed	—	Report submitted to PIU; dumper route plan to be incorporated.
10	Pre-bid meetings to explain E&S requirements	Before contract award	Ongoing	—	To be conducted before award.
11	Project-level GRM SOPs incl. Labor & SEA/SH risk management	Prior to commencement	Completed	—	SOPs shared 11 Nov 2025; details to be presented in 2.7 km works.
12	Environmental monitoring, sampling & testing (quarterly) – K-IV Main	Nov 2025 onwards	Delayed	17 February 2026	Environmental Monitoring Plan to be shared by KIV Main E&S Team. The plan is expected to be received from WAPDA on 1 st April, 2026 and will be submitted to the WB on 4 th April, 2026
13	Monthly training on WB ESF – K-IV Main	Nov 2025 onwards	Delayed	27 February 2026	—
14	Hiring of Social Mobilizers – K-IV Main	November 2025	Delayed	26 February 2026	Site visit ongoing; .This activity is delayed and hiring will be completed by 1 st May, 2026
15	Tree Plantation (9,337 trees) – K-IV Main	March 2026	Planned	20 February 2026	Consultation with the Divisional Forest Officers have been conducted and the plantation plan will be submitted to the Bank by 4 th April, 2026
16	Development of LMP (incl. workers' GRM), SEP & GAP – K-IV Main	30 November 2025	Delayed	20 February 2026	LMP draft submitted 6 Feb 2026; SEP due 20 Feb; GAP due 13 Feb 2026.
17	Establishment & operationalization of GRM – K-IV Main	November 2025	Delayed	27 February 2026	Initial draft shared with PIU. The final draft will be shared with the Bank by 20 th April, 2026

Sr. No.	Actions	Deadline	Status	New Deadline	Comments / Remarks
18	Stakeholder consultations in line with SEP & E&S documents	Nov 2025 onwards	Ongoing	After SEP finalization	—
19	Meeting with ADB, MMP & WB regarding TP-IV ESIA updation	15 November 2025	Delayed	20 February 2026	Coordination meeting subject to availability.
20	Status of SEA/SH Action Plan preparation	30 October 2025	Delayed	15 days after onboarding of Gender Specialist	No progress to date.

2.2. Mission Agreed Actions – November 2025

Sr. No.	Actions	Deadline	Status	New Deadline	Comments / Remarks
1	Hire E&S staff for PIU	30 December 2025	Ongoing	15 February 2026	KWSSIP-1: Environmental Specialist onboard; Gender Specialist advertised; SDS pending. KWSSIP-2: Senior E&S & Senior SDS onboard; OHS Specialist joining 16 Feb 2026; two Environmental Specialists joining Mar & May 2026.
2	Addendum to RAP for 2.7 km	21 November 2025	Pending	15 February 2026	RP under preparation; ROW change triggered updated screening; submission expected mid-Feb 2026. Revised Addendum has been submitted to the Bank on 24 March 2026.
3	Hire Communication Specialist (2.7 km / entire KWSSIP)	—	Pending	—	In process; The SOPs will be finalized after the hiring of the Communication Specialist which is expected in May, 2026
4	Verification Exercise of PAPs (Routes 1, 2 & 3)	15 December 2025	Pending	July 2026	RP census & validation surveys planned July 2026 prior to construction.
5	Translate CAP into Urdu	15 December 2025	Completed	—	Disclosed on KWSSIP website. on 9 th November, 2024

Sr. No.	Actions	Deadline	Status	New Deadline	Comments / Remarks
6	Strengthen CAP GRM (3-tier design)	Immediately	Completed	—	Three-tier GRM operational (Community, LAO Office, PIU).
7	CAP Implementation Completion Report	31 January 2026	Pending	15 April 2026	—
8	Revised Third Quarterly Progress Report (July–Sept)	1 December 2025	Submitted	—	Submitted 8 Feb 2026.
9	Fourth Quarterly Progress Report (Oct–Dec)	15 January 2025	Pending	16 February 2026	—
10	Share long & short list of E&S specialists	—	Completed	—	Shared November 2025. The hiring for Environmental Specialists and OHS specialist, social and gender has been completed now.
11	Operationalize Project-level GRM phone number	Immediately	Completed	—	GRM phone number functional.
12	Detail action plan for all resettlement activities aligned with civil works	1 December 2025	Not Initiated	—	Premature due to scope uncertainty, consultant onboarding & potential alignment changes; RP Action Plan to follow scope finalization.

3. Update on the Progress of Environmental & Social Commitment Plan (ESCP)

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
A	REGULAR REPORTING			
	Prepare and submit to the Bank regular monitoring reports on the environmental, social, health and safety (ESHS) performance of the Project, including but not limited to the implementation of the ESCP, status of preparation and implementation of E&S instruments required under the ESCP, stakeholder engagement activities, and functioning of the project Grievance Redress Mechanism (GRM)	Submit quarterly reports to the Bank throughout Project implementation, commencing after the Effectiveness Date.	Project Director (PD), Environment and Social (E&S) Team (including Senior Environmental, Senior Social, Senior Gender and Occupational Health and Safety Specialists and field staff comprised of two Environmental and two Social Specialists) in the Project Implementation Unit (PIU)	1st Quarterly Report Submitted, 2nd Quarterly Report submitted, 3rd Quarterly Report with all comments addressed submitted on 8th Feb, 2026. 4th Quarterly Report will be submitted on 28th Feb, 2026
	A K-IV Coordination and E&S Implementation Committee shall be formed comprising of the managers of the four major pieces of infrastructure (KBFU, K-IV Main Phase 1, K-IV Augmentation Phase 1 and Power Transmission of 50 MWs) to continue monitoring and reporting on the E&S implementation and on construction/rehabilitation progress on a quarterly basis. This committee shall report on the i. monitoring of Keenjhar Lake water balance, ii. E&S review including Gap Analysis and Corrective Actions iii. Corrective Action Plan - Resettlement (CAP-RP), iv. E&S assessment implementation of power transmission line of K-IV, and; v. LARP development and implementation for power transmission line of K-IV.	Submit each report to the Bank no later than 15 days after the end of each reporting period.		
		Ensure the committee is in place prior to project effectiveness.		
	Quarterly reporting with flexible periodicity of reporting based on			

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
		compliance and status of reported grievances.		
	INCIDENTS AND ACCIDENTS			
B.	<p>Promptly notify the Bank of any incident or accident related to the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers, including, inter alia, cases of sexual exploitation and abuse (SEA), sexual harassment (SH), and accidents that result in death, serious or multiple injury. Provide sufficient detail regarding the scope, severity, and possible causes of the incident or accident, indicating immediate measures taken or that are planned to be taken to address it, and any information provided by any contractor and/or supervising firm, as appropriate.</p> <p>Subsequently, at the Bank's request, prepare a report on the incident or accident and propose any measures to address it and prevent its recurrence.</p>	<p>Notify the Bank no later than 24 hours after learning of the incident or accident. Provide subsequent reports to the Bank: initial report within 2 days and detailed report within 10 days.</p>	<p>PD, E&S Team in the PIU</p>	<p>Three incidents were recorded during the reporting period, comprising one near-miss and two minor first-aid cases. All incidents were documented using site reporting forms, investigated, and closed with corrective measures implemented. No lost-time injuries, fatalities, or environmental incidents were reported.</p>
C.	<p>CONTRACTORS' MONTHLY REPORTS</p>	<p>Submit the monthly reports to the Bank upon request as annexes to the reports to be submitted under action A above.</p>	<p>PD, E&S Team in the PIU</p>	<p>The contract for the 2.7 km CC was signed on 3 June 2025. Construction activities commenced on 9 November 2026. The Supervision Consultant is submitting monthly reports on a regular basis. The Contractor initially delayed submission but has</p>

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	<p>Require contractors and supervising firms to provide monthly monitoring reports on ESHS performance in accordance with the metrics specified in the respective bidding documents and contracts and submit such reports to the Bank on a quarterly basis</p>			<p>since submitted reports up to December 2025. However, the quality of monthly reports submitted by both the Supervision Consultant and the Contractor requires improvement. PIU E&S has guided the consultant and contractor in this regard. The report quality has improved, and the Supervision Consultant has started completing the checklists; however, additional quantitative data is still required</p>
	<p>NOTIFICATIONS RELATING TO DAAB COMPLIANCE REVIEW OF CONTRACTOR COMPLIANCE WITH SEA/SH PREVENTION AND RESPONSE OBLIGATIONS</p>			
<p>D.</p>	<p>Notify the Bank of any referral submitted to the Dispute Avoidance and Adjudication Board (DAAB) to initiate a process of compliance review in relation to a contractor's obligations to prevent and respond to sexual exploitation and abuse (SEA), and/or sexual harassment (SH) specified in the respective works contract with such contractor; and, in the event of any such referral, notify the Association of: (i) the DAAB's decision on such referral; (ii) the contractor's Notice of</p>	<p>No later than 5 days after the issuance or receipt, as applicable, of the relevant document (i.e., referral to the DAAB, issuance of DAAB decision, Notice of Dissatisfaction, notice of commencement of emergency/full arbitration,</p>		<p>One member from the Director Works and Services Department, NED University of Engineering & Technology, has been nominated for the 2.7 km works</p>

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	Dissatisfaction, if any, with such DAAB decision; (iii) any notification received on the commencement of an emergency arbitration proceeding or full arbitration proceeding in relation to the DAAB's decision; and (iv) the resulting emergency arbitration order and/or full arbitration order, if any.	emergency/full arbitration order, as applicable).		
ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS				
1.1.	<p>ORGANIZATIONAL STRUCTURE</p> <p>1. In addition to maintaining the existing one Environmental Specialist, 1 Social Development Specialist, and one Gender Specialist for KWSSIP1, recruit additional positions as part of the PIU as follows:</p> <p>a. One Senior Environmental Specialist, one Senior Social Development Specialist.</p>	<p>1a. These two positions will be in place prior to project effectiveness. 1b. These six positions will be in place within three months of Project Effectiveness.</p>	PD KWSSIP	<p>For KWSSIP-1, an Environmental Specialist is currently in place, and the position of Gender Specialist was advertised on 4 February 2026. No status update for SDS of KWSSIP 1</p> <p>The Senior Environmental Specialist and Senior Social Development Specialist are currently onboard, having joined on 1 March 2025 and 15 July 2025, respectively. The position of Senior Gender Specialist has been re-designated as Director Equity & Reforms and was advertised on 24 January 2026.</p>

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	b. One OHS specialist, one Senior Gender Specialist and four field E&S staff, i.e., two Environmental Specialist and two Social Specialists, as part of the KWSSIP PIU.	2. All the institutional arrangements required for an effective E&S Cell should be in place within 1 year of effectiveness of the project.	KWSC	OHS Specialist has joined PIU on 16 th of February, 2026 and Social Development Specialist joining on 1 st of April, 2026. Another social specialist position is vacant
	2. Establish permanent E&S cell in KWSC with clear mandate and appropriate E&S organizational structure and personnel including E&S Director, ESHS specialists, support staff and required permanent arrangements.	2. All the institutional arrangements required for an effective E&S Cell should be in place within 1 year of effectiveness of the project.		The E&S Cell structure was formally approved under the Chief Operating Officer, and key E&S positions were designated with recruitment initiated. Advertisements for the positions of Chief Environmental and Social, Manager Environment, and Manager Social were issued on 18 September 2025. The Chief E&S Officer position has been finalized and is awaiting confirmation from the selected candidate, while the Manager Environment and Manager Social positions remain vacant.
		The E&S cell will include permanent staff as part of the KWSC structure and thereafter maintain these positions throughout Project implementation.		
1.2.	ENVIRONMENTAL AND SOCIAL INSTRUMENTS			

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	1. The EMF and SMF already prepared (covering both KWSSIP 1 and KWSSIP 2) will remain applicable for the purposes of screening of unidentified sub-projects and activities.			All instruments have been prepared and disclosed on KWSSIP website.
	2. The following instruments have been prepared consulted and disclosed by the project:	1. Implement the EMF and SMF as and when any yet unidentified sub-projects and activities are known.	1. PD, E&S Team in the PIU	
	a. ESIA s		2. E&S Team of PIU	
	i. (ESIA) for K-IV Augmentation subproject (construction of three water supply conveyance in Karachi), consistent with the relevant ESSs.			The ESIA for the K-IV Augmentation Project was approved and disclosed in May 2024. However, in light of recent developments, including the identification of utilities along the corridor and the associated protection measures, as well as a minor alignment adjustment in the 2.7 km section of Route-2, an addendum has been submitted to the Bank on 9th February 2025. Received feedback from the Bank on 19th and 22nd February, 2026 and the revised version was shared with the bank on 6th March, 2026. Received comments from the bank on 12th March, 2026. The last version were chaired with the Bank on 25th March, 2026 and final version will be shared by 7th April, 2026

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	ii. ESIA for Construction of Malir Basin Wastewater Interceptors and Treatment Plant (TP-IV) subproject, consistent with the relevant ESSs.	2. All ESIA's, Site specific ESMPs, SEP, LMP, RAPs and ARAPs have been prepared. The relevant aspects will be included in contractor bidding documents and thereafter implemented as part of the contracts. The Malir Basin ESIA to be updated during project implementation to include the recycling and distribution network.		As per ADB, AsCE/Nordic International Water JV has been engaged for the detailed Feasibility Study, with site visits and initial spot flow measurements conducted on 6 December 2025. Phase 1 of the Feasibility Study is ongoing, while the ESIA consultant has initiated the ESIA update; however, finalization of the ESIA is dependent on completion of the Feasibility Study. The ESIA update will be carried out in parallel with Phase 2 of the Feasibility Study.
	b. ESMPs			
	ESMP for Rehabilitation and Reconstruction of Existing Water Treatment Plants.			Approved and disclosed on 19-07-2024 The document can be accessed using the link below: https://www.kwssip.gos.pk/ess2/
	ESMP for Priority Water Network Rehabilitation and Extension including installation of Meters / DMAs and Additional Chlorination Facilities (subcomponent 2.3)			Approved and disclosed on 19-07-2024 The document can be accessed using the link below: https://www.kwssip.gos.pk/ess2/
	ESMP for Priority Sewer Network Rehabilitation and Extension (subcomponent 2.2)			Approved and disclosed on 19-07-2024

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
				The document can be accessed using the link below: https://www.kwssip.gos.pk/ess2/
	ESMP for Reducing Energy Consumption at KWSC Existing Facilities (subcomponent 2.4)			Approved and disclosed on 20-07-2024 The document can be accessed using the link below: https://www.kwssip.gos.pk/ess2/
	ESMP for Improvement of Water Supply and Sewerage networks in Low Income Communities (sub-component 2.1)			Approved and disclosed on 19-07-2024 The document can be accessed using the link below: https://www.kwssip.gos.pk/ess2/
	c) Labor Management Procedures (LMP)			Approved and disclosed on 30-05-2024 The document can be accessed using the link below: https://www.kwssip.gos.pk/ess2/
	d. Stakeholder Engagement Plan (SEP)			Approved and disclosed on 27-05-2024 The document can be accessed using the link below: https://www.kwssip.gos.pk/ess2/
	e. Resettlement Plans:			
	i. Corrective Action Plan for K-IV Mainstream			Second Addendum approved and disclosed on KWSSIP website on 24th October, 2025

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	ii. Merged RP Malir Basin Wastewater Interceptor and Sewage Treatment Plant (TP-IV) (subcomponent 2.7), Priority Sewer Network (subcomponent 2,2) and K-IV Augmentation (subcomponent 2.5(ii))			No Progress in the reporting period as an action plan for the revalidation of PAPs of KIV Augmentation has to be prepared
	iii. Abbreviated Resettlement Action Plan for Low Income Communities (sub-component 2.1)			No Progress because the design and E&S review and supervision consultant has to be onboard for the revalidation surveys to be conducted as part of their TORs.
	iv. Land Acquisition & Resettlement Plan (LARP) for the ROW of power transmission line for K-IV			The STDC K-IV Power Component is currently facing funding shortfalls, and funds have not yet been arranged by the Government of Sindh. Once the funding is released and the Contractor finalizes the alignment, the Land Acquisition and Resettlement Plan (LARP) will be prepared by the EPC Contractor.
	f. Prepare a standalone sexual exploitation and abuse and sexual harassment (SEA/SH) action plan.			No Progress. SEA/ SH Plan will be developed once the Gender Specialist will be onboard (15 days after the on boarding of the Gender Specialist)

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	g. Conduct an E&S audit, including any corrective measures, to ascertain and ensure that the works for retroactively financed activities have been and will continue to be carried out in a manner that is consistent with the World Bank ESF requirements and the GoS Resettlement & Rehabilitation policy.			No More required as the 2.7 km works was expected to be completed before the loan effectiveness
	h. Conduct annual E&S monitoring of Project activities through an independent monitoring agency or consultants in a manner acceptable to the Bank.			The ToRs are under development by the PIU E&S This activity has been delayed and TORs tentatively will be submitted by 15 th April, 2026
1.3.	MANAGEMENT OF CONTRACTORS	As part of the preparation of procurement documents and respective contracts. Supervise contractors throughout Project implementation and ensure monthly reports from contractors are included as annex to Quarterly Progress Reports from PIU	PD, Procurement Specialist, E&S Team in the PIU	Contract for Common Corridor with KBRT-2.7 km from Nipa to Hassan Square Transmission Main and Appurtenance for 96” & 72” Dia. Pipeline signed on 3 rd June, 2025. all the required details were part of the contract
	Incorporate the relevant aspects of the ESCP, including, inter alia, the relevant E&S instruments, the Labor Management Procedures, and code of conduct, into the ESHS specifications of the procurement documents and contracts with contractors and supervising firms. Thereafter ensure that the contractors and supervising firms comply with the ESHS specifications of their respective contracts.			
	2. These requirements include, inter alia: Each contractor/bidder will propose an ESHS specialist as the contractor’s key personnel at the site.			
	<input type="checkbox"/> All contractors/bidders will submit and then implement the code of conduct that will apply to the contractor’s employees and subcontractors including on SEA/SH.			
				The E&S positions in the contract were as per the ESIA requirements
				The code of conduct has been submitted as part of the contractual requirements and 104 COC have been signed by the SC and the

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
1.6.				contractor staff on site. All CoC were translated in Urdu as well
	<input type="checkbox"/> All contractors will be required to submit for approval and subsequently implement a Contractor's Environment and Social Management Plan (CESMP).			The CESMP was submitted by the Supervision Consultant to the PIU on 25 October 2025, subsequently reviewed and approved by the PIU on 26 October 2025, and thereafter shared with the World Bank. The WB has advised that the CESMP is very detailed and required to be updated and make it more site specific. The CESMP has been updated as per the site requirements and the approved method statements for safe works have also been added
	<input type="checkbox"/> All contractors will be required to comply with the ESHS specifications of their respective contracts.			
	<input type="checkbox"/> The contractors/bidders shall submit a Forced Labor Performance Declaration (which covers past performance), and a Forced Labor Declaration (which covers future commitments to prevent, monitor and report on any forced labor, cascading the requirements to their own subcontractors and suppliers).			Forced Labor Declaration Form has been submitted by the Contractor on 14-10-2025
	ASSOCIATED FACILITIES		PD, E&S Team in the PIU	

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	1. The below due diligence documents have been prepared for the Greater Karachi Bulk Water Supply Project (K-IV phase 1/K-IV main) an associated facility:	1. Prior to the start of works on the K-IV Augmentation subcomponent 2.5(ii), ensure the implementation of the Corrective Actions for K-IV main as provided in the E&S Review Report.		Key E&S gap actions (staffing, monitoring, plans, GRM, consultations) are scheduled from Feb 2025 onward
	2. E&S review including Gap Analysis and Corrective Actions for the 110 km water conveyance system.			
	3. Corrective Action Plan - Resettlement (CAP-RP) for water conveyance system.	2. Prior to commencement of works on K-IV Augmentation subcomponent 2.5(ii), implement the CAP-RP for K-IV main project.		An Addendum of Corrective Action Plan (CAP) for resettlement and land acquisition covering old and new alignments has been prepared, cleared by the Bank, and disclosed (Oct 2025), with implementation actions ongoing.. the revised date of completion is 30 th April, 2026
	4. The below E&S documents will be prepared for K-IV phase 1/K-IV main power transmission line:	3. Finalize ESIA prior to invitation for bids for EPC contracts of the power transmission line, grid station and allied works; and make the ESIA a part of the bidding documents.	E&S Implementation Committee	

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	a. ESIA in line with WB ESF requirements and the local legislation.	Implementation of LARP before commencement of physical work on the power transmission		ESIA for the K-IV Power Component was submitted to the Bank in Sept 2025; residual gaps will be addressed through Contractors' CESMPs upon mobilization, subject to restoration of project financing.
	b. Land Acquisition & Resettlement Plan in line with the provincial R&R policy and ESS 5 of the ESF policy.			The STDC K-IV Power Component is currently facing funding shortfalls, and funds have not yet been arranged by the Government of Sindh. Once the funding is released and the Contractor finalizes the alignment, the Land Acquisition and Resettlement Plan (LARP) will be prepared by the EPC Contractor.
ESS 2: LABOR AND WORKING CONDITIONS				
2.1.	LABOR MANAGEMENT PROCEDURES Adopt and implement the Labor Management Procedures (LMP) for the Project during its construction and operational phases, including, inter alia, provisions on working conditions, management of workers relationships, occupational health and safety (including personal protective equipment, and emergency preparedness and response), code of conduct (including relating to SEA and SH), forced labor, child labor, grievance arrangements for Project	Adopt the LMP prior to engaging Project workers, and thereafter implement the LMP throughout Project implementation.	PD, E&S Team in the PIU	Implementation of the LMP has been initiated, including the signing of the Code of Conduct by all project workers from both the Supervision Consultant and the Contractor. An attendance system is in place at site, with records maintained for the entire workforce. A Workers' GRM has been established, and GRM awareness sessions for workers are

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	workers, and applicable requirements for contractors, subcontractors, and supervising firms.			being conducted on an ongoing basis.
2.2.	GRIEVANCE MECHANISM FOR PROJECT WORKERS Establish and operate a grievance mechanism for Project workers, as described in the LMP and consistent with ESS2, having provisions to address labor-related SEA/SH issues including provision of a referral system.	Establish grievance mechanism prior to engaging Project workers and thereafter maintain and operate it throughout Project implementation.	PD, E&S Team in the PIU	Worker's GRM is in place A Worker GRM has been established with a designated focal person, defined procedures, and has been communicated to workers at site
2.3.	OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES Prepare, adopt, and implement occupational, health and safety (OHS) measures specified in LMP, ESIA's and ESM.Ps prepared under action 1.2 above. In addition, contractors will develop (prior to the start of construction works) and implement a site-specific OHS management plan consistent with measures in the ESMPs developed for the subprojects. The site specific OHS management plan should also include standard operating procedures to address risks related to COVID-19.	Prior to commencement of work and throughout project implementation	Contractors, E&S Team of PIU	Contract for the Common Corridor with KBRT—2.7 km from Nipa to Hassan Square (Transmission Main and appurtenances for 96" and 72" diameter pipelines)—was signed on 3 June 2025. The contractor has prepared and submitted the CESMP on 25th October, 2025, including the Occupational Health and Safety Plan. The OHS plan has been submitted by the contractor and

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
				approved by the PIU on 15 December 2025.
2.4.	<p>OCCUPATIONAL HEALTH AND SAFETY AWARENESS</p> <p>The Contractors shall develop a training plan and provide training to all their workers, before they start working on site, on basic environment, social, occupational health and safety risks associated with the proposed construction works and the workers' responsibility. The training program shall be repeated every month.</p>	Prior to commencement of work and throughout project implementation	Contractors, E&S Team of PIU	During the reporting period, 7 formal trainings (1 in Nov, 6 in Dec), 24 toolbox talks (8 in Nov, 16 in Dec), and 14 HSE inductions (10 in Nov, 4 in Dec) were conducted. Additional safety briefings were delivered following identified compliance gaps to reinforce PPE use, excavation safety, and adherence to approved OHS procedures.
ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT				
3.1.	WASTE MANAGEMENT PLAN			

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	Adopt and implement Waste Management Plans (WMP) as part of the ESMPs under action 1.2, to manage hazardous and non-hazardous wastes, consistent with ESS3.	Adopt the WMP prior to the mobilization of construction contractors, and thereafter implement the WMP throughout Project implementation.	PD, E&S Team in the PIU, contractors	The Waste Management Plan is included as part of the CESMP, and the updated plan was shared with the World Bank on 7 January 2026. A SEPA-certified third party has been hired for the disposal of hazardous waste. Excavated material is disposed of at the Jam Chakro landfill site, while domestic waste is handed over to the Sindh Solid Waste Management Board. The waste is temporarily stored at the backside of the Aziz Bhatti Park and NOC from DG Parks has been taken in this regard
3.2.	<p style="text-align: center;">RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</p> <p>1. Incorporate resource efficiency and pollution prevention and management measures in the ESIA and ESMPs prepared under action 1.2 above.</p>	1. Same timeframe as for the adoption and implementation of the ESIA and ESMPs	PD, Procurement Specialist,	<p>Quarterly Monitoring is required as per ESIA. Environmental monitoring for the pre-construction phase of the 2.7 km works was conducted in September 2025. Noise Monitoring: Pre-construction baseline monitoring was conducted at key receptors including Sir Syed University and Al Mustafa Hospital. Noise levels exceeded standards at all locations,</p>

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
				<p>primarily due to heavy roadside traffic. Any construction-related noise grievances will be addressed through appropriate mitigation measures.</p> <p>Ambient Air Monitoring: Gaseous pollutants (SO₂, CO, NO₂) were within applicable standards, while particulate matter (TSP, PM₁₀, PM_{2.5}) exceeded limits due to traffic and corridor conditions. Dust control measures, including regular water sprinkling, are being implemented.</p> <p>Drinking Water Quality: The results of the available water for drinking were within applicable standards. The source of drinking water is RO Plant. Reports attached as Annexure F</p>
	<p>2. A detailed water Balance study has been completed by the client. Increased water delivery to Kinjhar Lake will be realized via the rehabilitation of KBFU canal (either through decreased seepage or increased conveyance) before an equal or lesser amount is withdrawn for K-IV Main/Augmentation.</p>	<p>2. Ensure the rehabilitation of KBFU commence prior to the start of construction of K-IV Augmentation subcomponent 2.5(ii).</p>	<p>E&S Team in the PIU, contractors E&S Implementation Committee</p>	<p>Lining work approx 67% and overall 80%</p>

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	A Kinjhar Lake Conservation Plan (KLCAP) committee will be constituted in accordance with the Ecological Assessment (reference: Table 5-1: KLCAP Actions Implementation Framework) and conduction of a Critical Habitat Assessment (CHA).	3. KLAP Committee constituted and CHA conducted prior to start of K-IV		KLCAP Committee has been constituted and CHA has been conducted and after some round of comments, the report has been submitted by the Consultant to the PIU on 4th Feb, 2026 . The revised CHA report after incorporation of the RSA comments has been submitted to the bank on 17 th March, 2026
ESS 4: COMMUNITY HEALTH AND SAFETY				
4.1.	TRAFFIC AND ROAD SAFETY Incorporate measures to manage traffic and road safety risks as required in the ESIA's and ESMPs prepared under action 1.2 above.	Same timeframe as for the adoption and implementation of the ESIA's and ESMPs.	PD, E&S Team in the PIU	A Traffic Management Plan has been prepared for the 2.7 km works 10 th November, 2025. As the construction is being carried out in sections, the initial plan covered the alignment for the 96-inch diameter pipeline. Subsequently, a second Traffic Management Plan was prepared jointly by the Consultant and the Contractor for the 72-inch diameter pipeline. Both plans have been designed to minimize disruption to the local community and commuters.
4.2.	COMMUNITY HEALTH AND SAFETY		PD, E&S Team in the PIU	

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	Assess and manage specific risks and impacts to the community arising from Project activities, including, inter alia, behavior of Project workers, risks of labor influx, response to emergency situations, and include mitigation measures in the ESIA and ESMPs prepared under action 1.2	Same timeframe as for the adoption and implementation of the ESIA and ESMPs.		The construction methodology has been designed to minimize impacts on the community and local businesses. The CESMP includes all Community Health and Safety (CHS) requirements—such as the Traffic Management Plan and community consultations—and GRM banners have been placed at different locations along the alignment
4.3.	SEA AND SH RISKS Adopt and implement a SEA/SH prevention and mitigation measures included in ESIA and ESMPs to be prepared under action 1.2 above, to manage the risks of SEA and SH.	Adopt the SEA/SH prevention and mitigation measure before engaging the Project workers, and thereafter implement the SEA/SH prevention and mitigation measures throughout Project implementation.	PD, E&S Team in the PIU	An overall SEA/SH Action Plan is required for the project; the plan will be prepared 15 days after onboarding of the Gender Specialist. The Gender Specialist has been hired and is expected to join PIU by 15 th April, 2026
4.4.	SECURITY MANAGEMENT Prepare standalone Security Risk Management Plan to Assess and implement measures to manage the security risks of the Project, including the risks of engaging security personnel to safeguard project workers, sites, assets, and activities, guided by the principles of proportionality and GIIP, and by applicable law, in relation to hiring, rules of conduct, training, equipping, and monitoring of such personnel.	Security risk management plan to be prepared prior to commencement of project activities and engaging security personnel and thereafter implemented throughout Project implementation.	PD, E&S Team in the PIU	Security Management Plan guidance Document has been provided by the Bank on 24th December, 2025. it has been decided that the Chief Security Officer of KWSC will prepare this Plan. The tentative date for the TORs of the Security Management plan to be submitted to the Bank by April 30 th 2026.

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT				
RESETTLEMENT PLANS				
5.1.	<p>1. Adopt and implement the merged RP for Construction of Malir Basin Wastewater Interceptor and Sewage Treatment Plant (TP-IV)(subcomponent 2.7), Priority Sewer Network (sub-component 2,2) and K-IV Augmentation (sub-component 2.5(ii), consistent with the ESS5.</p>			<p>1. No Project-Affected Persons (PAPs) have been identified within the Right-of-Way (RoW) of the 2.7 km K-IV augmentation section. However, some individuals or properties outside the RoW may experience temporary livelihood impacts due to construction activities, such as access restrictions. PAP identification and validation surveys have been conducted and submitted to the Bank on 7th December, 2025 and received comments from the Bank on 14th december, 2025. however due to changes in the ROW and the pipeline shifting from one side of the road to the other. the revalidation has to be done again and it is completed and the revised report i.e Addendum to the RP KIV Augmentation for 2.7 Km works has been submitted to the Bank on 28th Feb, 2026. And last report submitted to the bank on 24th March, 2026</p>

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
	2. Adopt and implement the ARAP for Improvement of Water Supply and Sewerage networks in 10 Low-Income Communities subproject (subcomponent 2.1), consistent with the ESS5.			2. No progress reported, as the project has not yet entered the implementation phase.
	3. Adopt and implement the Corrective Action Plan (CAP) including Resettlement Plan (RP), as well as the CAP completion audit report for K-IV Mainstream, which is associated facility of K-IV Augmentation subproject (construction of three water supply conveyance in Karachi), consistent with the ESS5.	2. Regular monitoring of resettlement activities throughout the Project implementation		CAP -RP is under implementation and expected to be completed by 30th March, 2026
	4. Develop and implement the Land Acquisition & Resettlement Plan (LARP) for ROW of power transmission line of K-IV Mainstream, which is an associated facility of the project, consistent with the ESS5. 5. Conduct regular monitoring of resettlement activities through an independent monitoring agency or consultants in a manner acceptable to the Bank.			The STDC K-IV Power Component is currently facing funding shortfalls, and funds have not yet been arranged by the Government of Sindh. Once the funding is released and the Contractor finalizes the alignment, the Land Acquisition and Resettlement Plan (LARP) will be prepared by the EPC Contractor.
	1. CAP – RP as well as the CAP completion audit report for K-IV Mainstream			CAP Completion Audit Report by IMA (AERC) can be submitted by 15th April, 2026
	2. Develop and implement the LARP for ROW of power transmission line of K-IV Mainstream			The STDC K-IV Power Component is currently facing funding shortfalls, and funds have not yet been arranged by the Government of Sindh. Once the funding is released and the

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
				Contractor finalizes the alignment, the Land Acquisition and Resettlement Plan (LARP) will be prepared by the EPC Contractor.
	3. Conduct regular monitoring of resettlement activities through an independent monitoring agency or consultants in a manner acceptable to the Bank			Applied Economics and Research Centre has been contracted to conduct Independent Monitoring of all E&S Compliance of associated facilities. The Applied Economics and Research Centre is conducting monitoring on regular basis
ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES				
6.1.	BIODIVERSITY RISKS AND IMPACTS Adopt and implement mitigation measures to safeguard biodiversity and habitat included in ESIA's and ESMPs mentioned under action 1.2.	Prior to commencement of activities for subcomponent 2.5(ii) implement the action plan of the Ecological Assessment for Kinjhar lake throughout the project implementation	PD, E&S Team in the PIU	For 2.7 Km Works, A detailed tree inventory was conducted along the project corridor, including identification, mapping, and condition assessment of trees potentially affected by construction. A total of 51 trees were recorded along the project length. All trees will be continuously monitored during construction, and in the event that any tree removal becomes unavoidable, compensatory plan of planting trees of 1:10 ratio will

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
				<p>be followed. The tree inventory is attached as Annexure B</p> <p>First meeting of KLCAP Committee was held on 29th July 2025. The first KLCAP Committee meeting on 29 July 2025 at PIU-KWSSIP brought together government departments, WWF, IUCN, and the University of Karachi. The meeting presented the Ecological Assessment Study, KLCAP proposals, updates on Kinjhar Lake and KB Feeder works, and clarified stakeholder roles.the status update of KLCAP is discussed later in the report</p>
ESS 8: CULTURAL HERITAGE				
8.1	CHANCE FINDS Chance finds procedures have been described as part of the ESIA's and ESMPs of the Project described under action 1.2 above.	Implement the procedures throughout Project implementation.	PD, E&S Team in the PIU	Not Applicable
ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE				

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
10.1.	<p>STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION</p> <p>Adopt and implement the Stakeholder Engagement Plan (SEP) for the Project, consistent with ESS10, which includes measures to, inter alia, provide stakeholders with timely, relevant, understandable and accessible information, and consult with them in a culturally appropriate manner, which is free of manipulation, interference, coercion, discrimination and intimidation.</p>	<p>Adopt the SEP before Project effectiveness and thereafter implement the SEP throughout Project implementation.</p>	<p>PD, E&S Team in the PIU</p>	<p>Conducted 42 consultations (222 participants; 126F/96M) along the 2.7 km alignment from NIPA to Hasan Square, engaging universities, hospitals, banks, businesses, residential unions, nurseries/contractors, UCs, and site representatives. Discussions covered road closures, traffic diversions, access management, safety measures, and GRM awareness, including one large community session (UC-3) and a GBV/SH/SEA awareness session at SSUET.</p>
10.2	<p>PROJECT GRIEVANCE MECHANISM</p> <p>Maintain and enhance the established Grievance Redress Mechanism (GRM) to ensure accessibility, transparency, and effectiveness in addressing concerns and grievances related to the Project in a manner that is culturally appropriate and readily accessible to all Project-affected parties, at no cost and without retribution, including concerns and grievances filed anonymously, in a manner consistent with ESS10. The grievance mechanism shall be equipped to receive, register, and facilitate the resolution of SEA/SH complaints, including through the referral of survivors to relevant gender-based violence service providers, all in a safe, confidential, and survivor-centered manner.</p>	<p>Establish the grievance mechanism prior to the commencement of Project activities, and thereafter maintain and operate the mechanism throughout Project implementation.</p>	<p>PD, E&S Team in the PIU</p>	<p>The GRM is currently operational for KWSSIP 1 and same will be utilized for KWSSIP 2. The GRM will be strengthened based on the WB Team feedback and SOPs for GRM have been shared by the SDS of KWSSIP with the bank in this regard on 15-03-2026</p>

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	STATUS/ REMARKS
CS1	<p>CAPACITY BUILDING</p> <p>The following training will be provided to contractors and project communities:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Stakeholder Mapping and Engagement <input type="checkbox"/> Specific Aspects of Environmental and Social Assessment <input type="checkbox"/> Emergency Preparedness and Response <input type="checkbox"/> General Environmental and Socio-Economic Awareness <input type="checkbox"/> Environmental and Social Sensitivity of the Project Influence Area <input type="checkbox"/> Community and Occupational Health and Safety Aspects and Key Risks Including Covid-19 Response. <input type="checkbox"/> Risks Hazards Assessments <input type="checkbox"/> Kobo Toolbox 	<p>1. Initiate the training prior to commencement of construction works and thereafter throughout Project implementation.</p> <p>2. During first six months of the Project Effectiveness.</p>	PD, E&S Team in the PIU	The Training Manual has been submitted to the Bank on 23rd December, 2026, received comments from the Bank on 7th Jan, 2026. the updated Manual will be shared with the Bank by 30 th April, 2026
CS 2	Develop and endorse KWSC's policy and procedures for E&S management including risks and impacts identification, management plans, monitoring, stakeholder engagement including GRM, and training	To be completed within one year of project effectiveness	KWSC	No Progress

4. Environmental and Social Team for KWSSIP II

The Senior Environmental Specialist and the Senior Social Development Specialist are currently on board. The Senior Environmental Specialist joined on **1 March 2025**, while the Senior Social Development Specialist joined on **15 July 2025**. As per ESCP,

“In addition to maintaining the existing one Environmental Specialist, 1 Social Development Specialist, and one Gender Specialist for KWSSIP1, recruit additional positions as part of the PIU as follows: a. One Senior Environmental Specialist, one Senior Social Development Specialist. b. One OHS specialist, one Senior Gender Specialist and four field E&S staff, i.e., two Environmental Specialist and two Social Specialists, as part of the KWSSIP-2 PIU”.

The positions for two Environmental Specialists and two Social Development Specialists were advertised on 16 August 2025, and the OHS Specialist position was advertised on 5 August 2025. The selection process has been completed for two Environmental Specialists and OHS specialist and It is expected that the specialists will be onboard by Feb, 2026. One SDS and Gender Specialist has been hired and expected to join by 1st April and 15th April respectively.

5. Environmental and Social Cell at Karachi Water & Corporation

During the reporting quarter, the selection process for the Chief E&S Officer was initiated. However, no progress was achieved in filling the positions of Environmental Manager and Social Manager. No progress has been received from KWSC in this regard.

6. Progress of the Sub projects Under KWSSIP II

6.1. K-IV Augmentation Project

The K-IV Augmentation Project, which is a key sub-component under KWSSIP-2, aims to bring 260 MGD of treated water into Karachi's existing distribution network.

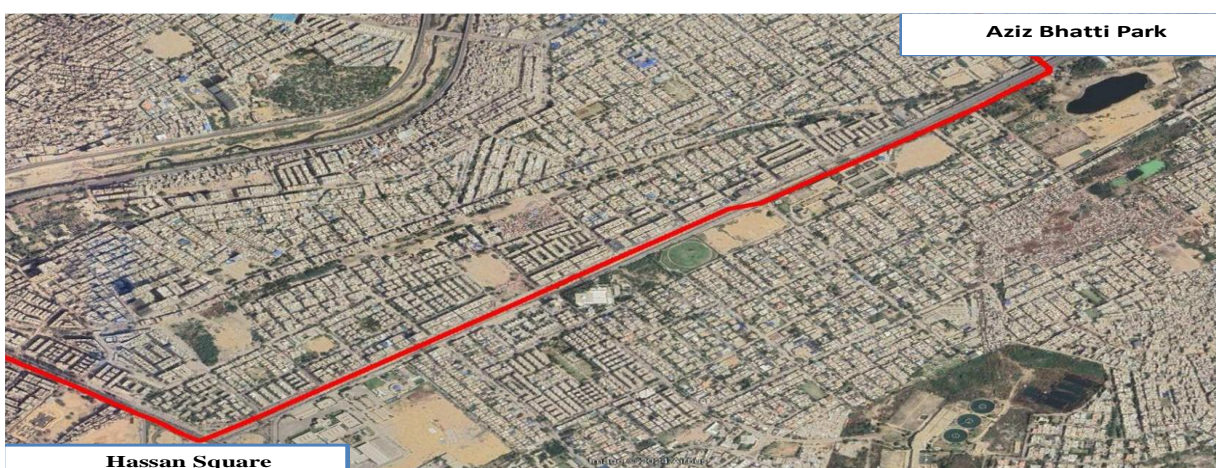
The progress of KIV Augmentation Project by the PIU KWSSIP during the reporting period is as follows:

6.2. Construction Works on 2.7 km Common Corridor KBRT (Contract No. PK-PIU KWSSIP 2-465025-CW-RFB)

To augment K-IV water supply to the city, KWSSIP is implementing the K-IV Augmentation Plan. The proposed transmission line from the R-2 reservoir will run from NIPA to Hasan Square, along the BRT Red Line corridor. A 2.75 km pipeline will be laid along this stretch, comprising 0.95 km of 96" diameter pipe from Sir Syed University, reducing to 72" near Federal Urdu University, followed by 1.8 km of 72" M.S. pipeline up to Hasan Square, where it diverts towards Liaquatabad.

6.3. Project Location

The sub-project is located along the route from NIPA to Hasan Square and includes the Transmission Main and associated appurtenances for both 96" and 72" diameter pipelines.



Project Location Map

6.4. Physical Progress

Sr. No	Contract	Contractor	Commencement Date	Completion Date as per Contract	Extended Completion Date	Planned Progress (%)	Physical Progress (%)	Financial Progress (%)
1	Common Corridor with KBRT – 2.7 km from NIPA to Hassan Square Transmission Main and Appurtenance for 96" & 72" Dia Pipeline	M/s Sherjan Mosakhail & Sons – China Harbor Engineering Company Ltd. (Joint Venture)	1-Jul-25	27-Dec-25	26-Apr-26	65.26%	58.72%	60.63%

Progress – 96" DIA MS Pipe

Activity	Progress
Excavation	340 Rm (31.48%)
Pipes Laid	28 No. (31.11%)
Welded Joints	26 No. (29.21%)
Backfilling	310 Rm (28.70%)

6.5. Environmental and Social Compliance

Construction activities were suspended from 10 December 2025 to 10 January 2026 in response to World Bank observations. During this period, all identified compliance requirements were addressed by the contractor. Following satisfactory closure of the observations, approval to resume construction was granted, and works recommenced on 10 January 2026.

6.5.1.E&S Staffing status

- The Consultant’s Health and Safety Specialist and Social Development Specialist and Environmental Specialist are on board.
- For the Contractor, the HSE Specialist/Engineer, Social Development Specialist, and Medical Officer and Environmental Specialist are on board as well.

The above positions are as per the contractual and ESIA requirements of the Contractor and the Consultant.

6.5.2. E&S Non-Compliance Overview and Implementation Status

PIU E&S Team Oversight

During the reporting period, the PIU Environmental and Social (E&S) Team conducted multiple site inspections and submitted report to Project Director on 05 November, 19 November, and 01 December 2025 at the K-IV Augmentation Works (2.7 km section) to assess compliance with the approved ESMP and World Bank ESF requirements (Reports attached as Annexure D) . The inspections aimed to verify on-ground implementation of environmental, social, and occupational health and safety (OHS) measures, identify gaps, and ensure that necessary corrective actions were undertaken by the Contractor.

The inspections revealed multiple and recurring non-compliances, particularly in critical OHS areas, environmental management, and institutional readiness. Several high-risk issues—such as unsafe pipe jointing practices, inadequate trench protection, and lack of E&S staffing—were consistently observed across multiple visits. In addition, deficiencies related to GRM disclosure, material sourcing, waste management, and labor record-keeping were identified.

Despite repeated instructions from the PIU and Supervision Consultant, most of the identified non-compliances remain unaddressed, indicating weak contractor responsiveness and posing significant risks to worker safety, community health, and compliance with ESF requirements. As a result site was closed from 10th December, 2026 and reopened on 10th January, 2026 when all non-compliances were addressed.

Summary of Key E&S Non-Compliances and Status

Sr. No.	Category	Non-Compliance Observed	Risk Level	Status	Remarks
1	OHS (Critical)	Pipe jointing/welding carried out under unsupported 16-ton pipes	High (Fatality Risk)	Addressed in OHS plan	Repeatedly observed in Nov and Dec inspections; no safe system implemented
2	OHS (Critical)	Unsafe trench conditions (unshored trenches, workers outside trench box, no barricading)	High	Addressed by 7 th Jan, 2026	No evidence of trench protection or compliance with safety procedures
3	OHS	Inadequate PPE usage and unsafe access (improper ladders)	Medium–High	Addressed by 7 th Jan, 2026	Workers observed without required PPE; fall hazards remain
4	E&S Staffing	Environmental and OHS Specialists not mobilized (Contractor & Consultant gaps)	High	Addressed by 7 th Jan, 2026	Persistent staffing gaps affecting compliance oversight
5	Environmental Management	Improper storage of excavated material (uncovered, causing dust)	Medium	Addressed by 7 th Jan, 2026	No mitigation measures implemented
6	Environmental Management	Unauthorized disposal at Aziz Bhatti Park without NOC; no disposal records	High	Addressed by 7 th Jan, 2026	No documentary evidence of approved disposal

Sr. No.	Category	Non-Compliance Observed	Risk Level	Status	Remarks
7	Environmental Management	Non-functional septic tank; wastewater discharged into drain	High	Addressed by 7 th Jan, 2026	Public health and environmental risk persists
8	Material Sourcing	Quarry material sourced without E&S due diligence	High	Addressed by 7 th Jan, 2026	Non-compliance with ESF requirements; prior instructions ignored
9	Community Safety / GRM	GRM not disclosed; signage not in Urdu	Medium	Addressed by 7 th Jan, 2026	Limits accessibility for local community
10	Community Safety	Pipes stored on roadway without barricading/signage	High	Addressed by 7 th Jan, 2026	Risk to public safety remains
11	Labor Management	Incomplete labor records (wages, attendance, documentation)	Medium	Partially addressed by 7 th Jan, 2026	Non-compliance with labor management requirements

Site Inspection reports added as Annexure D.

E&S Non-Compliance Analysis Based on Supervision Consultant Letters and Site Instructions

During the reporting period (October–December 2025), the Supervision Consultant issued multiple formal letters and site instructions highlighting persistent Environmental, Social, and Occupational Health & Safety (E&S/OHS) non-compliances by the contractor. These non-compliances were observed during both pre-construction and early construction phases and covered critical areas such as CESHSMIP implementation, workforce safety, environmental management, and community protection measures.

Despite repeated notifications, the contractor largely failed to provide timely responses to the issued letters. Consequently, the Project Implementation Unit (PIU-KWSSIP) and the Supervision Consultant had to intervene directly to enforce corrective actions. This intervention was instrumental in addressing deficiencies, ensuring compliance, and ultimately enabling the reopening of the site and resumption of works.

Summary of Key Non-Compliances Identified

The non-compliances observed can be categorized into the following major areas:

1. Environmental Management Non-Compliances

- Improper disposal and unauthorized dumping of excavated material
- Absence of approved waste disposal locations and records
- Dust suppression measures (water sprinkling) not implemented
- Damage to trees and lack of tree protection measures
- Missing environmental monitoring data (e.g., noise, air quality)
- Poor housekeeping and oil spill management

2. Social & Community Health and Safety Non-Compliances

- Non-availability of GRM system (complaint boxes, signages, forms)
- Lack of public safety measures (traffic diversions, warning signage, flagmen)
- Damage to existing utilities (water, sewerage, electricity poles)
- Absence of community information dissemination (flyers, pamphlets)

3. Occupational Health & Safety (OHS) Non-Compliances

- Lack of PPE usage by workers
- Unsafe excavation practices (no trench shoring, benching, or bracing)
- Workers exposed to high-risk conditions (sitting under pipes, working without protection)
- Missing fire extinguishers and emergency preparedness measures
- Unsafe electrical setups and equipment handling
- Absence of first aid, drinking water, and worker welfare facilities

4. Institutional & Staffing Non-Compliances

- Lack of trained and certified machine operators
- Missing employment records and labor documentation

5. Documentation & Reporting Gaps

- Missing waste disposal documentation
- Delays in submission of ESSH monthly progress reports
- Absence of updated method statements and safe work procedures

Response and Resolution Status Analysis

Aspect	Observation	Status
Contractor responsiveness	Majority of letters (Oct–Dec 2025) received no formal response from contractor	Weak compliance culture
Frequency of non-compliances	Repeated observations of similar issues (PPE, GRM, barricading, waste management)	Systemic issue
Severity of issues	Included high-risk OHS issues (unsafe trenching, public exposure, structural incidents like wall collapse)	Critical
Corrective actions	Enforced through PIU and Supervision Consultant intervention rather than contractor initiative	External enforcement
Closure status	All non-compliances eventually marked as closed	Achieved through intervention
Project impact	Led to work stoppage and conditional site reopening	Significant

Key Insights

- The pattern of repeated non-compliances indicates weak internal E&S management capacity of the contractor.
- Closure of issues does not reflect proactive compliance; rather, it was achieved through continuous follow-up and enforcement by PIU and the Supervision Consultant.
- Critical safety violations (e.g., trench collapse risks, lack of PPE, public exposure) posed serious risks to workers and surrounding communities.

Conclusion

The analysis demonstrates that while all reported non-compliances were ultimately resolved and marked as closed, this was largely due to direct intervention by the PIU and Supervision Consultant, rather than contractor-led compliance. The situation reflects the need for:

- Strengthened contractor accountability mechanisms
- Strict enforcement of CESHSM and ESMP requirements
- Early deployment of qualified ESS personnel
- Continuous monitoring and enforcement to prevent recurrence

Supervision Consultant letters and site instruction notes added as Annexure E.

6.5.3.Social Compliance

A. Stakeholder Engagement

Purpose: Notify stakeholders of planned works and temporary road closures; agree alternate access arrangements; share GRM channels; and gather inputs to refine the Traffic Management Plan (TMP) and Community Health & Safety (CHS) measures.

During the reporting period, a total of **42 consultations** were conducted, engaging **222 participants (126 females and 96 males)** along and adjacent to the 2.7 km project alignment from NIPA to Hasan Square. The consultations covered a broad range of stakeholders, including universities, hospitals/clinics, banks, commercial establishments, residential building unions, nurseries/contractors, Union Councils, and site coordination representatives.

Stakeholders were comprehensively briefed on planned road closures, traffic diversion plans, alternate access routes and gates, construction safety measures, and the project's Grievance Redress Mechanism (GRM). Institutions generally acknowledged the proposed arrangements and emphasized the importance of advance notification, structured coordination, and designation of focal persons for effective communication. Universities coordinated closely regarding gate access, examination schedules, convocations, and student safety during excavation works. Medical facilities highlighted the necessity of maintaining uninterrupted emergency access at all times.

The consultation record includes one large-scale community session conducted in collaboration with Union Council (UC-3), with participation of both male and female community members. The session

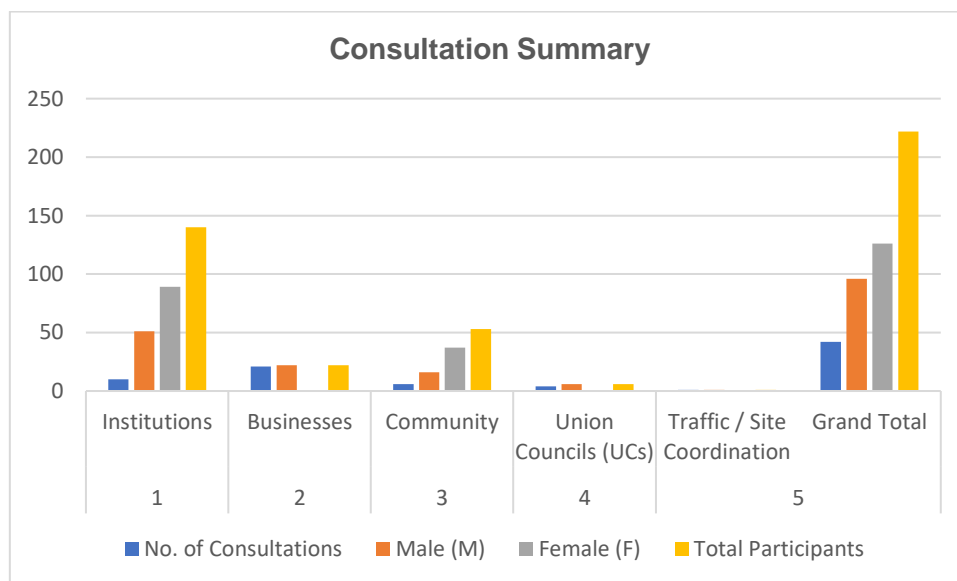
focused on project updates, phased construction planning, access management, GRM procedures, and community safety protocols.

In addition, a dedicated awareness session on **Gender-Based Violence (GBV), Sexual Harassment (SH), and Sexual Exploitation and Abuse (SEA)** was conducted at Sir Syed University of Engineering and Technology (SSUET), significantly contributing to female participation. The session aimed to sensitize students and staff regarding respectful conduct, reporting channels, survivor-centered response mechanisms, and safeguards embedded within the project framework.

Overall, stakeholders' primary concern related to the project implementation timeline, particularly in the context of the ongoing KBRT works. Many expressed fatigue due to prolonged disruptions and emphasized the need to avoid additional inconvenience through timely completion, clear scheduling, and transparent communication. At the same time, stakeholders acknowledged the critical importance of the project in addressing Karachi's water supply challenges and expressed support for its successful implementation. Details are attached as **Annexure A**.

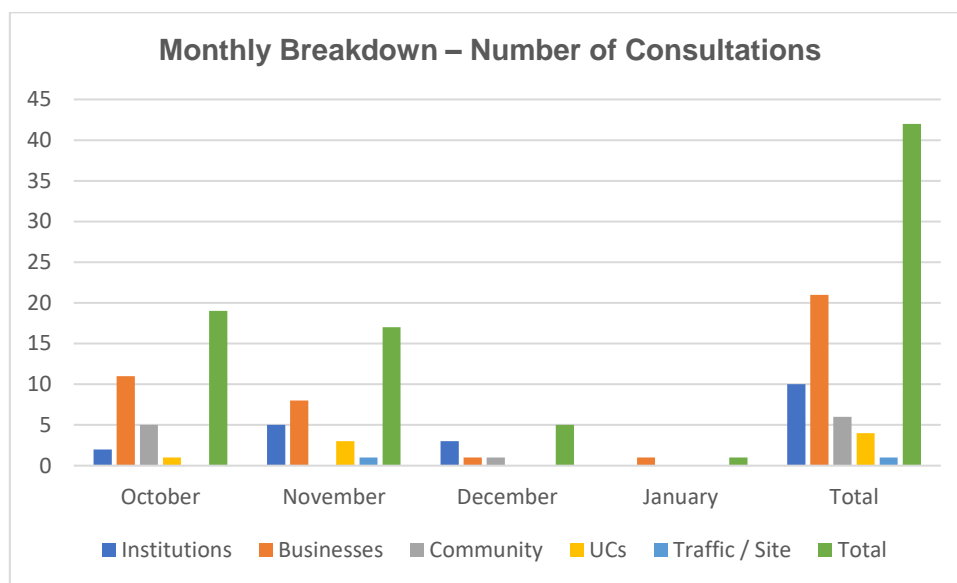
Overall Consultation Summary

S. No	Respondent Category	No. of Consultations	Male (M)	Female (F)	Total Participants
1	Institutions	10	51	89	140
2	Businesses	21	22	0	22
3	Community	6	16	37	53
4	Union Councils (UCs)	4	6	0	6
5	Traffic / Site Coordination	1	1	0	1
	Grand Total	42	96	126	222



Monthly Breakdown – Number of Consultations

Category	October	November	December	January	Total
Institutions	2	5	3	0	10
Businesses	11	8	1	1	21
Community	5	0	1	0	6
UCs	1	3	0	0	4
Traffic / Site	0	1	0	0	1
Total	19	17	5	1	42



Monthly Break Down – Participants

Category	October (M/F)	November (M/F)	December (M/F)	January (M/F)	Total (M/F)
Institutions	1 / 0	45 / 89	5 / 0	0 / 0	51 / 89
Businesses	11 / 0	8 / 0	1 / 0	2 / 0	22 / 0
Community	5 / 0	0 / 0	11 / 37	0 / 0	16 / 37
UCs	3 / 0	3 / 0	0 / 0	0 / 0	6 / 0
Traffic / Site	0 / 0	1 / 0	0 / 0	0 / 0	1 / 0
Total	20 / 0	57 / 89	17 / 37	2 / 0	96 / 126

B. Project Affected Persons (PAPs)

Screening and surveys along the 2.7 km common corridor identified temporary livelihood impacts on individuals and small businesses, to be compensated in accordance with the approved entitlement framework. As of the cut-off date of 9 November, 52 PAPs were identified, with consultations ongoing to complete data collection and finalize the total number.

PAPs Category Details

S. No	Category	Total Number
1.	Nursery	02
2.	Street vendors & push carts	16
3.	Small shopkeepers	34

C. Formation of Community GRC

A Community Grievance Redress Committee (GRC) was established on 8 November 2025 for UC-2, UC-3, and UC-8 along the 2.7 km corridor, in line with the Stakeholder Engagement Plan. The GRC includes one male and one female representative from each UC, with communication facilitated through a dedicated WhatsApp group and follow-up meetings scheduled bi-monthly or as required.

GRC formation

S. No	Respondent	No of Consultations	No of persons	
			M	F
1.	GRC Formation	1	6	5

D. Grievance Redress Mechanism (GRM)

A site level GRM has been established at the site to address workers and community related complaints. The GRM complaint boxes, forms, and GRM banners are also available at the accessible locations. A GRM awareness session was conducted for newly recruited workers, covering grievance channels and GBV/SEA/SH reporting, with 10 laborers in attendance.

During the reporting period, **4 complaints** mainly on traffic, road closures, labor, and property access were received, most addressed through consultations and mitigation, while some remain under follow-up.

GRM Status						
S. No.	Complainant	No. of Complaint	Type of Complaint	Status	Reason of pending complaints	Process of Resolution
October						
No complaints were reported in the month of October						
November						
1.	PSO	1	Traffic Diversion	Resolved		Consultation with complainant and briefed about the diversion routes.
2.	Sindh Infectious Diseases Hospital & Research Center	1	Traffic Diversion	Resolved		Consultation with complainant and briefed that the their hospital area is not in the scope.
December						
S. No.	Complainant	No. of Complaint	Type of Complaint	Status	Reason of pending complaints	Process of Resolution
1.	Labor	1	Behavior issues of staff	Resolved		Discussed the issue with the cook and requested him to change his behavior.
2.	The Cancer Hospital	1	Road Closure	Pending	Although the necessary mitigation has been taken and the diversion banners have been placed after the discussion but the complainant will close the complaint after the road is opened for cars.	Consultation with the hospital administration staff regarding the issue.

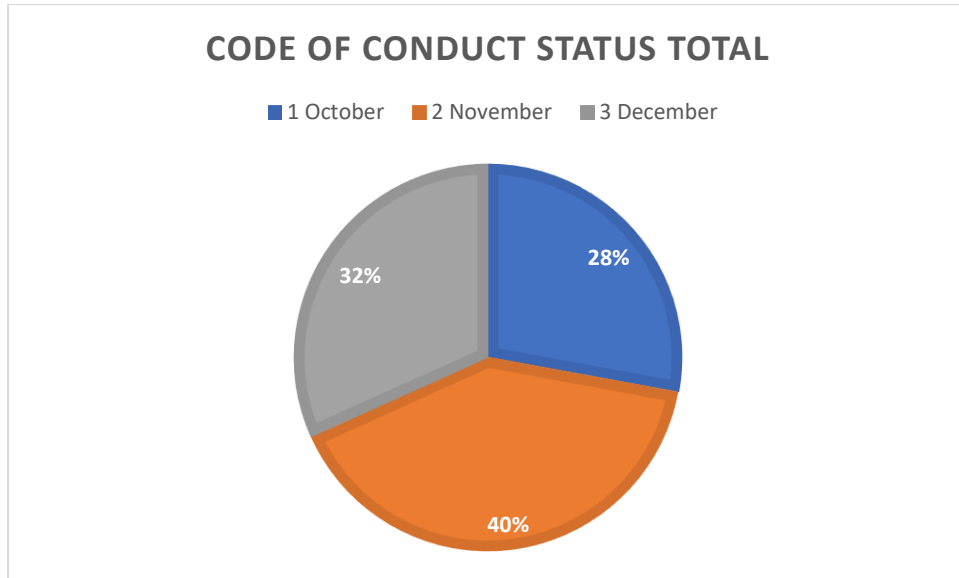
E. Awareness Raising on Project Works

During November–December 2025, awareness activities were conducted through distribution of information flyers, community announcements (including after Jumma prayers), and stakeholder coordination via WhatsApp groups. These activities informed residents, commuters, and local institutions about project works, potential temporary disruptions, and available GRM channels.

F. Code of conduct

A Code of Conduct session was conducted on-site during the reporting period for newly recruited staff, laborers, and drivers to ensure they understood expected workplace behavior, ethical standards, and project compliance requirements. During the session, total 104 Code of Conduct was formally explained and signed by all participants.

Code of Conduct Status			
S. NO	Month	Total	
		M	F
1	October	27	02
2	November	42	0
3	December	33	0



G. Implementation of Gender Action Plan (GAP)

GAP implementation is underway with initial awareness activities conducted to address GBV, SEA, and SH risks. An awareness session was held at Sir Syed University of Engineering and Technology, covering GBV/SEA/SH, project information, and GRM reporting channels.

SEA/ SH Session Details

Sr. No.	Description	Details
1.	Date of Session	13 th November 2025
2.	Venue	Sir Syed University of Engineering and Technology (SSUET)
3.	Conducted By	PIU Gender Specialist (Ms. Hameeda Kaleem)
4.	Coordination	Supervision Consultant (NESPAK)
5.	Target Group	Students
6.	Total Participants	M= 38
		F= 89
		Total 127
7.	Session Topics	Project Introduction, GBV, SEA, SH Awareness, GRM Process and Channels

6.5.3. Environmental Compliance

A. Resource Efficiency and Pollution Prevention

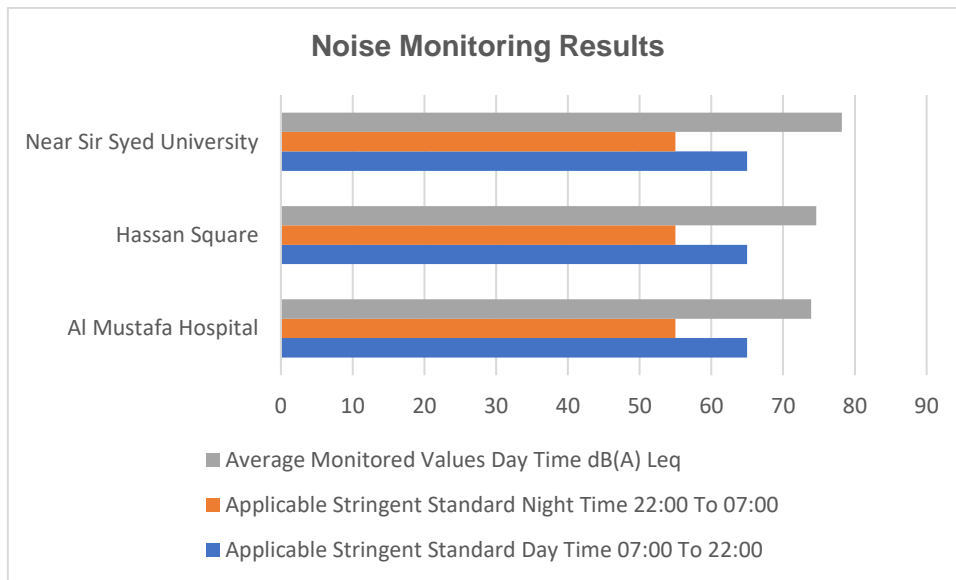
Environmental Monitoring

i. Noise Monitoring

The noise monitoring as per the ESIA requirements has to be conducted once every quarter. The noise monitoring for the pre construction phase was conducted in September 2025 details are mentioned below Table to establish baseline conditions. However reports were shared in November, 2025.

Noise Monitoring Results

S.NO	Sampling Point	Applicable Stringent Standard		Average Monitored Values
		Day Time	Night Time	Day Time
		07:00 To 22:00	22:00 To 07:00	dB(A) Leq
1	Al Mustafa Hospital	65	55	73.9
2	Hassan Square	65	55	74.6
3	Near Sir Syed University	65	55	78.2



Elevated noise levels are primarily attributable to heavy roadside traffic flow in the project corridor, in addition to intermittent construction activities. To address potential impacts, the Contractor has been instructed to implement appropriate mitigation measures, including proper maintenance of machinery, avoidance of unnecessary idling, and scheduling of high-noise activities during daytime hours.

With respect to workers' health and safety, measures focus on ensuring that equipment is properly maintained to minimize excessive noise generation and that site supervision is strengthened to monitor exposure conditions.

Any grievances related to elevated noise levels from both the community and workers are being addressed through the established Grievance Redress Mechanism (GRM). Continuous monitoring and

supervision are being carried out to ensure compliance with occupational health and safety requirements.

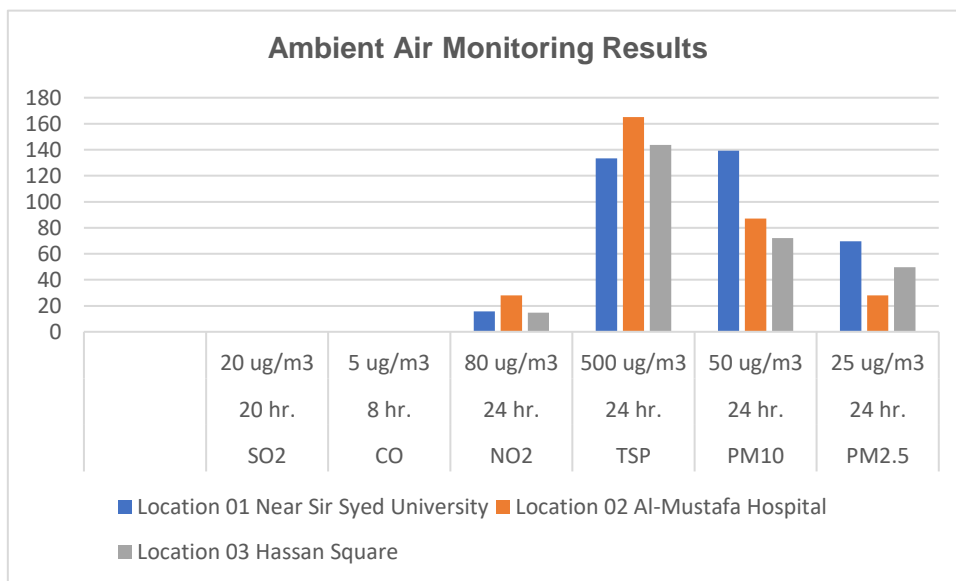
Reports added as Annexure F.

ii. Ambient Air Monitoring

Pre-construction baseline monitoring was conducted on 26 September 2025. Quarterly environmental monitoring will be carried out in accordance with the ESIA requirements to conduct the monitoring on quarterly basis

Ambient Air Monitoring Results

S.NO	Pollutants	Applicable Stringent Standard		Location 01	Location 02	Location 03
		20 hr.	20 ug/m3	Near Sir Syed University	Al-Mustafa Hospital	Hassan Square
1	SO2	20 hr.	20 ug/m3	0.2	0	0.1
2	CO	8 hr.	5 ug/m3	0.3	0	0.1
3	NO2	24 hr.	80 ug/m3	15.6	28	14.8
4	TSP	24 hr.	500 ug/m3	133.4	165	143.8
5	PM10	24 hr.	50 ug/m3	139.2	87	72.1
6	PM2.5	24 hr.	25 ug/m3	69.7	28	49.6



Gaseous pollutants (SO₂, CO, NO₂) are well within applicable standards at all locations.

Particulate matter (TSP, PM₁₀, PM_{2.5}) levels are elevated, with PM₁₀ and PM_{2.5} exceeding standards at all locations. Elevated particulates are typical of active construction corridors combined with high traffic flow. The Contractor was also instructed to increase the frequency of water sprinkling at the site. Construction activities were suspended from 10 December, and no on-site works were carried out during this period. Consequently, a noticeable reduction in particulate matter levels was observed by the PIU E&S team during site visits, primarily due to the cessation of construction activities and associated traffic movements. Reports added as Annexure F.

iii. Drinking Water

Pre-construction baseline water quality monitoring was conducted on 26 September 2025. The results were within the applicable limits. Quarterly drinking water sampling will be carried out in accordance with the ESIA.

Consolidated Drinking Water Quality Assessment

Sr. No.	Parameter	Unit	Result (Camp Office)	Result (Hunza Row)	Applicable Standard	Compliance
1	pH	pH unit	6.5	6.5	6.5–8.5	<input checked="" type="checkbox"/> Both Within Limit
2	Color	TCU	5	4	≤15	<input checked="" type="checkbox"/> Both Within Limit
3	Turbidity	NTU	BDL	BDL	<5	<input checked="" type="checkbox"/> Both Within Limit
4	Total Hardness	mg/L	110	121	<500	<input checked="" type="checkbox"/> Both Within Limit
5	TDS	mg/L	364	342	<1000	<input checked="" type="checkbox"/> Both Within Limit
6	Chloride (Cl ⁻)	mg/L	149	135	<250	<input checked="" type="checkbox"/> Both Within Limit
7	Residual Chlorine	mg/L	0.31	0.21	0.2–0.5	<input checked="" type="checkbox"/> Both Within Limit
8	Fluoride (F ⁻)	mg/L	BDL	BDL	<1.5	<input checked="" type="checkbox"/> Both Within Limit
9	Nitrate (NO ₃ ⁻)	mg/L	0.21	0.19	<50	<input checked="" type="checkbox"/> Both Within Limit
10	Nitrite	mg/L	0.05	0.05	<3	<input checked="" type="checkbox"/> Both Within Limit
11	Aluminium	mg/L	ND	ND	<0.2	<input checked="" type="checkbox"/> Both Within Limit
12	Arsenic	mg/L	ND	ND	0.01	<input checked="" type="checkbox"/> Both Within Limit

Sr. No.	Parameter	Unit	Result (Camp Office)	Result (Hunza Row)	Applicable Standard	Compliance
13	Barium	mg/L	ND	ND	0.7	<input checked="" type="checkbox"/> Both Within Limit
14	Boron	mg/L	0.02	0.03	<0.3	<input checked="" type="checkbox"/> Both Within Limit
15	Cadmium	mg/L	ND	ND	0.003	<input checked="" type="checkbox"/> Both Within Limit
16	Chromium	mg/L	0.01	0.01	<0.05	<input checked="" type="checkbox"/> Both Within Limit
17	Copper	mg/L	ND	ND	2	<input checked="" type="checkbox"/> Both Within Limit
18	Cyanide	mg/L	ND	ND	<0.05	<input checked="" type="checkbox"/> Both Within Limit
19	Lead	mg/L	ND	ND	0.01	<input checked="" type="checkbox"/> Both Within Limit
20	Manganese	mg/L	ND	ND	<0.5	<input checked="" type="checkbox"/> Both Within Limit
21	Mercury	mg/L	ND	ND	<0.001	<input checked="" type="checkbox"/> Both Within Limit
22	Nickel	mg/L	ND	ND	<0.02	<input checked="" type="checkbox"/> Both Within Limit
23	Selenium	mg/L	BDL	BDL	0.01	<input checked="" type="checkbox"/> Both Within Limit
24	Zinc	mg/L	0.04	0.04	3	<input checked="" type="checkbox"/> Both Within Limit
25	Phenols	mg/L	ND	ND	<0.002	<input checked="" type="checkbox"/> Both Within Limit
26	Total Coliform	CFU/100 ml	ND	ND	0/100 ml	<input checked="" type="checkbox"/> Both Within Limit
27	Fecal Coliform	CFU/100 ml	ND	ND	0/100 ml	<input checked="" type="checkbox"/> Both Within Limit
28	E. coli	CFU/100 ml	ND	ND	0/100 ml	<input checked="" type="checkbox"/> Both Within Limit

The drinking water analysis indicates full compliance with SEQs standards. All physico-chemical parameters, including pH, TDS, hardness, and residual chlorine, are within permissible limits. Heavy metals were not detected, and microbiological results (Total Coliform, Fecal Coliform, and E. coli) are satisfactory. Overall, the sample is safe and suitable for drinking purposes. Reports added as Annexure F.

iv. General / Domestic Waste (Camp Office)

Following coordination with **Sindh Solid Waste Management Board (SSWMB)** in December 2025, weekly waste collection was initiated.

Domestic Waste Disposal Summary

Sr. No.	Date	Disposal Company	Quantity (Kg)
1	30-10-25	SSWMB	3.5
2	08-11-25	SSWMB	4.0
3	15-11-25	SSWMB	3.5
4	21-11-25	SSWMB	5.0
5	29-11-25	SSWMB	5.5
6	06-12-25	SSWMB	4.5
7	13-12-25	SSWMB	6.5
8	20-12-25	SSWMB	6.0
9	26-12-25	SSWMB	4.5
	Total		43.0 Kg

Spoil Material Management

Excavated unsuitable material was temporarily stored at the backside of Aziz Bhutti Park, NOC was taken from DG Parks in this regard and transported to the Government-approved landfill site at Jam Chakro.

Spoil Waste Disposal Summary

Sr. No.	Date	Quantity (m ³)
1	06-12-25	729
2	13-12-25	-
3	20-12-25	-
4	26-12-25	-
	Total	729 m³

Drinking Water Resource Management

Safe potable water supplied via certified RO plant. Daily consumption recorded for monitoring.

Drinking Water Consumption – December 2025

Parameter	Value
Bottle Size	19 Liters
Total Bottles Used	102
Total Water Consumed	1,938 Liters

Septic Tank & Wastewater Management

A septic tank system (~4.5 m³ capacity, designed for 30 persons) installed in compliance with WB EHS Guidelines and SEPA requirements. Wastewater removed through KW&SC suction services.

Septic Tank De-watering Log (15–24 Dec 2025)

Sr. No.	Date	Disposal Agency	Quantity (Liters)
1	15-12-25	KW&SC	2,860
2	24-12-25	KW&SC	2,970
	Total		5,830 Liters

B. Tree Inventory

A tree inventory was prepared along the project corridor, including identification, mapping, and condition assessment of trees potentially affected by construction. A total of **51 trees** were recorded along the entire project length. Tree inventory is attached as **Annexure B**.

C. Health & Safety

Overview and Compliance Context

During the reporting period, Health, Safety and Environment (HSE) monitoring was undertaken in line with site-specific HSE procedures and the World Bank Environmental, Health and Safety (EHS) Guidelines. Regular inspections, toolbox talks, and supervision visits were conducted to monitor safety performance.

However, instances of contractor negligence were observed regarding timely implementation of prescribed occupational health and safety measures. Despite repeated reminders and directives issued by the Supervision Consultant and the PIU, compliance gaps persisted in critical site controls, particularly related to excavation safety, access restriction, and risk mitigation measures.

As a result of these deficiencies, and to ensure strict adherence to World Bank EHS requirements, the site was directed to be **closed from 10 December 2025 to 10 January 2026** by the World Bank. The temporary closure was imposed to allow the contractor to rectify identified non-compliances and implement comprehensive corrective actions prior to resumption of works.

Corrective Actions Undertaken During Site Closure

A structured compliance improvement plan was implemented prior to restart of activities. The following measures were completed and verified:

A. Immediate Risk Mitigation

- Backfilling of open trench sections to eliminate fall hazards.
- Complete site cordoning using cement barricades with metal sheets (minimum 7 ft height).
- Restriction of unauthorized pedestrian access.
- Installation of No-Entry signage and GRM panaflex (Urdu).
- Provision of adequate night-time safety lighting along the entire work corridor.
- Full cordoning of the affected bridge section.

B. Strengthening of Excavation and Trench Safety

- Provision of two trench boxes supported by valid ultrasonic testing (UT) reports.
- Structural vetting of trench protection systems by a qualified engineer.
- Adoption of approved sloping method for trench protection.
- Submission and approval of revised Method Statements and CESMP updates.
- Submission of a Comprehensive Excavation Plan / Safe Work Method Statement (SWMS) covering:
 - Soil classification
 - Protective system design
 - Utility identification
 - Dewatering arrangements
 - Emergency Preparedness and Response Plan (EPRP)
 - Rescue procedures and emergency contacts (displayed on site)
- Implementation of daily excavation inspection checklists.
- Maintenance of minimum 0.6 m setback distance for spoil and equipment from trench edges.

C. Confined Space and Atmospheric Controls

- Procurement of multi-gas atmospheric testing equipment (O₂, H₂S, CO, LEL).
- Excavations treated as confined spaces where applicable.
- Provision of entry and rescue equipment.
- Availability of oxygen cylinder, stretcher, wheelchair, and emergency response accessories.

D. Access, Egress and Worker Protection

- Provision of scaffold ladders for safe access and egress.
- Mandatory use of hard hats reinforced.
- Continuous supervision to ensure compliance with safe entry and exit requirements.

E. Documentation and Institutional Strengthening

- Submission and Bank approval of the OHS Plan (15 December 2025).
- Written assurance of E&S compliance provided by Contractor and Supervision Consultant.
- Final E&S inspection conducted by PIU E&S Team.
- Compliance verification prior to clearance for restart of works.

Following implementation and verification of these measures, compliance requirements were addressed prior to recommencement of activities. The status report which was submitted to the Bank on 7th Jan, 2026 can be accessed using the link below:

https://mega.nz/folder/UichnTpT#ahE_QKfaO1Ifu4Rfb_OVw

HSE Performance Statistics (Oct–Dec 2025)

S. No	Description	Oct-25	Nov-25	Dec-25
1	Near Miss	0	0	0
2	First Aid Case (Minor)	0	1	0
3	Trainings Conducted	-	1	6
4	Toolbox Talks	-	8	16
5	HSE Inductions	-	10	4
6	Emergency Drills	-	0	0

HSE Checklists are attached as Annexure I

Planned Progress for the Next Quarter

- Development and finalization of Kobo-based E&S monitoring forms
- Training of the Contractor and Supervision Consultant teams on Kobo-based E&S data collection
- Training on E&S reporting requirements
- Frequent E&S compliance monitoring and site inspections
- Submission and finalization of RP Addendum for 2.7 km works
- Strengthening implementation of CESHSM and ESMP requirements at site
- Deployment and retention of qualified ESS staff by the Contractor

- Quarterly environmental and social monitoring (air, noise, waste management) to be conducted
- Enhancement of GRM implementation and community engagement activities
- Improved documentation and timely submission of E&S reports (monthly/quarterly)
- Follow-up on closure of outstanding non-compliances and preventive measures to avoid recurrence

7. Environmental & Social Compliance of the Associated Facilities

7.1.K-IV Main Project: Environmental and Social Compliance Update

The K-IV Main Project, being implemented by WAPDA, has been declared an Associated Facility to KWSSIP-2, necessitating full compliance with the World Bank’s Environmental and Social Framework (ESF) as part of the Environmental and Social Commitment Plan (ESCP). The implementation and monitoring of E&S compliance under the K-IV Main Project are overseen by the K-IV Coordination and E&S Implementation Committee, chaired by the Chairman, P&D Board, with the CEO KWSC as the Member/Secretary.

7.2.Corrective Action Plan (CAP) for Resettlement and Land Acquisition

PAPs Verification

During the reporting quarter, verification of Project Affected Persons (PAPs) under KWSSIP-2 progressed across four categories through coordinated field verification, documentation review, and engagement with the Land Acquisition Officer (LAO) and relevant stakeholders. As of **1 January 2026**, substantial progress has been achieved, particularly for PAID and Livelihood PAPs, while court cases and under-process cases remain ongoing.

Payment Strategy for verified PAPs

A structured payment strategy will be developed to ensure timely, transparent, and accountable compensation for all verified Project Affected Persons (PAPs). The strategy will be organized into sequential phases, with a clear timeline and defined disbursement priorities.

Completion of the final verified PAP list and validation of all supporting documents. Development and approval of the payment strategy framework, including the fund flow mechanism. Integration of the approved payment plan with the overall project implementation schedule and securing of necessary internal approvals. Commencement of phased disbursement to verified PAPs. Continuous monitoring, reconciliation, and periodic reporting shall be undertaken to ensure transparency, accountability, and timeliness of payments.

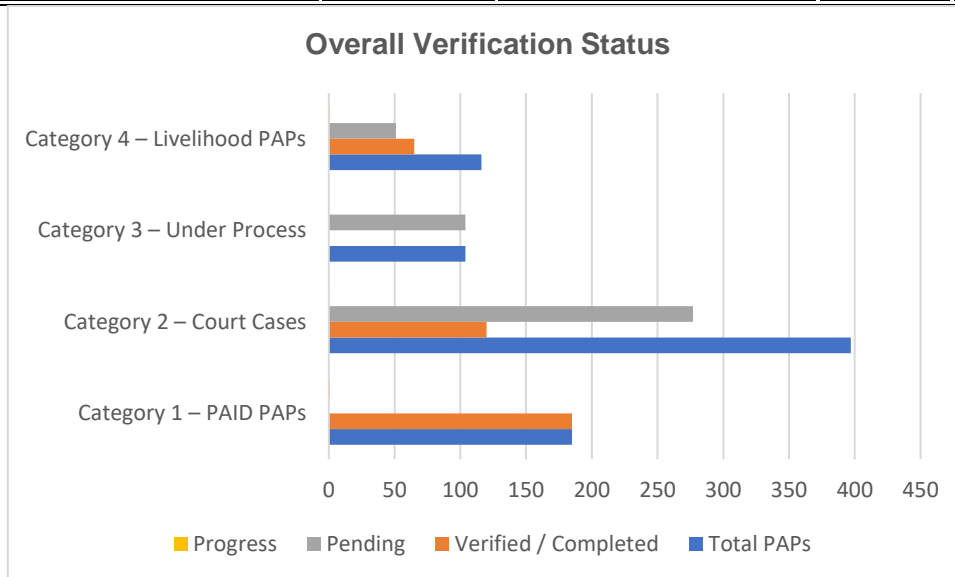
Phased Disbursement Approach

Phase	PAP Category	Description
Phase 1	Payable PAPs (PAID PAPs who have already received partial payment)	Disbursement of the remaining 30% top-up amount. These PAPs are already in the payment system and require only final reconciliation.
Phase 2	Livelihood PAPs (verified and completed)	Full compensation as per entitlement matrix, along with livelihood restoration support where applicable.

Phase 3	Court Cases (consented and settled)	Disbursement based on court orders or negotiated settlements. Contested cases will be paid only after final judicial resolution, with amounts held in escrow in the interim.
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Overall Verification Status

PAP Category	Total PAPs	Verified / Completed	Pending	Progress
Category 1 – PAID PAPs	185	185	0	100%
Category 2 – Court Cases	397	120	277	30%
Category 3 – Under Process	104	0	104	0%
Category 4 – Livelihood PAPs	116	65	51	56%

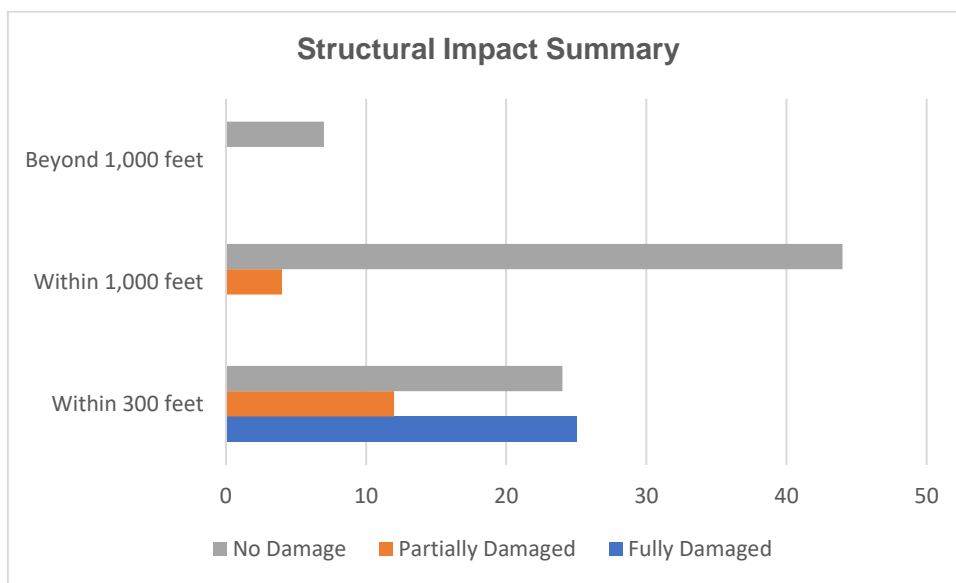


Key Progress Highlights

- **PAID PAPs:** Physical verification completed for all **185 PAPs**, rendering them ready for payment processing.
- **Court Cases:** Of **120 verified cases**, **96 PAPs** consented to compensation, while **24 PAPs** seek enhanced compensation or land-for-land options; remaining cases are being addressed in phases.
- **Livelihood PAPs:** **65 PAPs** fully verified and eligible for compensation; **51 cases** require follow-up due to absentee owners, alignment clarification, or incomplete information.
- **Under-Process Cases:** **104 cases** remain under documentation and validation with LAO support.

Structural Impact Summary

Distance from Alignment	Fully Damaged	Partially Damaged	No Damage
Within 300 feet	25	12	24
Within 1,000 feet	0	4	44
Beyond 1,000 feet	0	0	7



Key Issues and Actions

Issue	Action / Way Forward	Timeline
Absentee PAPs	LAO to trace owners using official records; public notices/court deposit if unresolved	Week 1–2: Compilation and segregation of absentee PAP records and validation of available contact information
RoW confusion (Khair Muhammad Gabol Village)	Joint site visit for formal RoW demarcation	Month of January-2026 (Livelihood Committee will plan a joint visit along with WAPDA team for formal demarcation.)
Historical demolitions (2018)	Seek competent authority endorsement for eligibility	Week 2–3: Verification of historical data, including site

Issue	Action / Way Forward	Timeline
		confirmation and cross-checking with available land and GIS/GPS records.
Delayed notices & data gaps	Improve notice delivery and GPS-based data validation	Week 1–2: Completion of internal review and identification of pending cases

Livelihood PAPs Verification

During the reporting quarter, verification of **Livelihood Project Affected Persons (PAPs)** continued along the project corridor through physical surveys, documentation review, and consultations coordinated by the Livelihood Committee. As of **01 January 2026**, verification progress reflects substantial completion, with remaining cases requiring targeted follow-up.

Verification Status (as of 01 January 2026)

Indicator	Status
Total structures physically verified	116
Livelihood PAPs verified & completed	65 (56%)
Livelihood PAPs requiring follow-up	51 (44%)

Damage Assessment by Right-of-Way (RoW)

Within 300 feet of RoW

Damage Category	No. of Structures
Fully damaged	25
Partially damaged	12
No damage	24

Within 1,000 feet of RoW

Damage Category	No. of Structures
Fully damaged	0
Partially damaged	4
No damage	44

No structural damage was recorded beyond the 1,000-foot RoW.

Key Findings and Challenges

- **Absentee PAPs:** Long-term absence and lack of contact information delayed verification.
- **RoW boundary issues:** Discrepancies identified in **Khair Muhammad Gabol Village**, requiring formal demarcation.
- **Historical cases:** Structures demolished in 2018 not reflected in NESPAK records (including cases at Dodo Khan Salar Jokhio and six cases in Gadap as indicated by the LAO).
- **Data inconsistencies:** GPS coordinate mismatches identified during field verification.

Planned Progress for the Next Quarter

Following activities are planned for the next quarter:

S.No.	Activity	Timeline	Responsibility
1	Orientation Workshop for GRC Committee at Community Level	January-2026	CAP Firm
2	Identification of the Absentee PAPs	January-2026	CAP Firm, LAO
3	Joint site visit for formal RoW demarcation at Khair Muhammad Gabol	January-2026	CAP Firm, LAO, AERC
4	Verification of historical data, including site confirmation and cross-checking with available land and GIS/GPS records.	January-2026	CAP Firm, LAO, AERC
5	Paid PAPs Cheque Distribution Ceremony	February-2026	PIU, CAP Firm, LAO, AERC
6	List of Final Verification of Livelihood PAPs 1	February-2026	CAP Firm, AERC
7	Cheque Distribution Ceremony of Livelihood PAPs 1	February-2026	PIU, CAP Firm, LAO, AERC
8	Court Cases Final Verification List	Marach-2026	CAP Firm, AERC

9	Public Notice Publish in Newspaper for Court Cases PAPs	Marach-2026	PIU, CAP Firm, LAO
10	Cheque Distribution Ceremony for Court Cases	Marach-2026	PIU, CAP Firm, LAO, AERC

8. E&S Review Gap Implementation

During the reporting quarter, progress was made on addressing Environmental and Social (E&S) gaps for K-IV Main through coordination with WAPDA and capacity-building support to the supervision consultant team.

A coordination meeting was held with the PD, WAPDA K-IV Main, on **20 October 2025**, during which the need for an amendment to the existing Consultancy Services Contract was agreed. Accordingly, a MoU was prepared by the PD Resettlement Unit and shared with WAPDA K-IV Main, which is expected to be signed in **January 2026**. Commencement of E&S gap implementation activities is planned from **15 January 2026**.

In parallel, a **capacity-building session on Labor Management Procedures (LMP)** was conducted in the **first week of October 2025** for the WAPDA supervision consultant team to support preparation of a compliant LMP in line with project and World Bank requirements.

Planned Progress for the Next Quarter

Following documents preparation and activities are planned for the next Quarter:

- Labor Management Procedures
- Stakeholders Engagement Plan including GRM
- Gender Action Plan
- Environmental Monitoring Plan 9.
- Tree Plantation Plan
- Hiring of Social Mobilizer

9. Keenjhar Lake Conservation Action Plan

The proposed abstraction of 260 MGD under K-IV Phase-1 may affect the ecological balance of Keenjhar Lake. Accordingly, an Ecological Assessment and Biodiversity Action Plan recommends implementation of the Keenjhar Lake Conservation Action Plan (KLCAP) to mitigate abstraction impacts and support ecosystem monitoring and restoration. A focal person was nominated by the Irrigation Department in December, 2025 and relevant data is being shared with the PIU E&S Team. The Implementation Monitoring Consultant (AERC) has been briefed on development of a monitoring database, and submission of their inception report is awaited.

Status of KLCAP Actions

KLCAP Action	Implementation Responsibility	Timings	Status	Remarks
Creation of Kinjhar Lake Conservation Action Committee by concerned government authorities including Sindh Irrigation Department, Sindh Forest and Wildlife Department, KWSC, SEPA, Sindh Fishery Department, WWF, IUCN, and local community leaders to regularly review and oversee implementation of the Lake Conservation Action Plan and inform future actions.	KWSC / KWSSIP	Before the start of K-IV Project	Completed	The Kinjhar Lake Conservation Action Committee was constituted on 18 th June 2025
Conduct critical habitat assessment in Kinjhar Lake and Indus Delta for all phases of K-IV, including biodiversity surveys for plants, mammals, reptiles, amphibians, and birds of conservation value (HCVs) identified in the baseline studies.	Independent Consultant hired by KWSC in association with SFD, IUCN, and WWF	Before the start of K-IV Project	In Progress	The CHA study has not been completed. The expected date of submission is 25 th February, 2026
Prepare a detailed map of habitats of conservation value.	Independent Consultant	Continuous	In Progress	Already Part of CHA
Conduct bird studies in both Ramsar sites and ascertain reasons for the decrease in migratory bird populations.	Independent Consultant	Continuous	Closed	The bird studies will not be conducted, as the justification for this approach has been shared with and agreed by the Bank. Relevant bird data and the analysis of reasons for population decline have already been incorporated into the CHA study.

KLCAP Action	Implementation Responsibility	Timings	Status	Remarks
Use environmental flow models (e.g., DRIFT or HEC-RAS) to assess cumulative impacts of all water supply projects.	Independent Consultant	Continuous	Closed	The justification for not conducting HEC RAS and Drift was shared with the Bank on June 9, 2025
De-silting and sediment flushing projects to be approved under ADP or Public-Private Partnership (PPP) arrangements and implemented.	SID	Continuous		No such projects.
Prepare a long-term monitoring plan for habitats and species of conservation value.	Independent Consultant	Continuous	In Progress	Monitoring Plan for habitat and species of conservation value will be part of CHA
Community-driven lake clean-up and small-scale restoration activities, along with awareness raising for conservation and sustainable use of Kinjhar Lake for water supply, biodiversity, livelihoods, and tourism.	SID	Biannually	Not initiated	No Progress
Plantation of native tree species (<i>Acacia nilotica</i> , <i>Azadirachta indica</i> , <i>Salvadora persica</i> , <i>Ficus religiosa</i> , <i>Ficus benghalensis</i> , etc.) to provide alternative livelihood resources and enhance habitat for birds and fauna; minimum 5,000 trees around the lake periphery.	SFD	From inception of K-IV Project until completion of plantation drive	Initiated	The Tree Plantation Plan for the K-IV Main Project, financed under the CAP and E&S Gap PC-1, is currently under development. The plan includes plantation of 5,000 trees around the lake and will be shared with the Bank once finalized.

9.1.Critical Habitat Assessment – Keenjhar Lake Conservation Action Plan

- Submission of Draft CHA Report to the WB on 19th September 2025
- Received comments from the Bank on 21st October, 2025
- PIU gave response on 21st October, 2025
- Received comments from RSA on 4th December, 2025
- Currently consultants are working on the assignment and report is expected to be finalized by the end of January, 2026

9.2.Kinjhar Lake Conservation Action Plan (KLCAP) Committee

No meeting was conducted during the reporting quarter, as the next meeting is planned to present the CHA report to committee members for input. The meeting will be convened once the CHA report is finalized.

9.3. Planned Progress for the Next Quarter

Finalization of CHA and to establish methodology for conducting third party monitoring as per the monitoring framework of the Keenjhar Lake Conservation Action Plan.

Annexure A. Stakeholders Consultations — K-IV 2.7 km Corridor (Nipa ↔ Hassan Square)

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
1	15-10-25	Aligarh Institute	Mr. Obaid Akhtar	Total= 1 M: 1	Administrator	Brief about the project and provide GRM Awareness to the administrator. He appreciated the approach and was agreed for the further consultations and GBV session for the students with a 1-day prior information.
2	11-11-25	Sir Syed University Of Engineering & Technology	Engr. Osama Ahmed S. M. Pervaiz Iqbal Obaid Akhtar	Total= 3 M: 3	Assistant Professor (CED) & Director (Maintenance & Services) Chief Security Officer Administrator (Aligarh Institute)	Briefed about the gender action plan and training session on GBV, SH and SEA. The team appreciated that it would be beneficial for their students and staff and allowed to conduct it in their auditorium on 13 th November 2025.
3	11-11-25	Aligarh Institute	Syed Ali Raza Naqvi	Total= 1 M: 1	Principal	Brief about the project and provide GRM Awareness to the Principal. He appreciated the approach and was agreed for the GBV, SE & SEA session for the students with a 1-day prior information.

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
						He was concerned about the traffic diversion and excavation works on 13 th & 14 th December 2025 because of their convocation ceremony. They requested not to start excavation in these dates in front of Sir Syed University as they will be using that gate.
4	12-11-25	Sir Syed University Of Engineering & Technology	Engr. Cdre(R) S. Sarfraz Ali	Total= 1 M: 1	Registrar	He was concerned about the traffic diversions even if they will be using the backside gates of the university during the excavation works. He also requested the diversion map and to call him in the next meeting with of S. C, SMS & traffic police.
5	18-11-25	FUUAST	Sir Umar	Total= 1 M: 1	Environmental Science	Discussed about the road closure awareness among students to not to trespass barricading premises. Also discussed about the awareness session in the department for the student on GBV, SH & SEA. He refers us to discuss this with the head department of environmental sciences.
6	18-11-25	FUUAST	Dr. Prof. Haq Nawaz	Total= 1 M: 1	Head of Environment Department	Discussed about the awareness session on the GBV, SH and SEA for the university students. He asked us to meet the other

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
						heads of department informing about the session and participation of students.
7	05-12-25	FUUST	Dr. Prof. Haq Nawaz	Total= 1 M: 1	Head of Environment Department	Discussed about the awareness among students not to enter the construction site and to understand that the barricading is for their safety as they are not with PPEs.
8	05-12-25	FUUST	Mr. Adnan Akhtar Abid Waqar Jahangir	Total= 3 M: 3	Campus Officer Assistant	Discussed about the awareness among students not to enter the construction site and to understand that the barricading is for their safety as they are not with PPEs. Also, to request to close the Cancer Foundation Hospital and other street gates so that students should use the main gate to commute.
9	30-12-25	The Cancer Foundation Hospital	Abdul Mannan	Total= 1 M: 1	Administrator	Visited the Cancer Foundation Hospital to briefly inquire about complaints and grievances and to report the issue to the PIU for prompt action.
10	3-10-25	JS Bank	Mr. Muhammad Azam Khan	Total= 1 M: 1	Branch Manager	We had a meeting with the Branch Manager JS Bank, during which we informed them about the project and the temporary road closure due to excavation. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
						We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
11	3-10-25	Bank Makramah Limited	Mr. Syed Muhammad Iqbal	Total= 1 M: 1	Manager Operations	<p>We had a meeting with the Operation Manager Bank Makaramah. during which we informed them about the project and the temporary road closure Due to excavation. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.</p> <p>We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.</p>
12	3-10-25	Askari Bank	Mr. Muhammad Aneeqe Malick	Total= 1 M: 1	Branch Manager	<p>We had a meeting with the Branch Manager Askari Bank, during which we informed them about the project and the temporary road closure Due to excavation. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.</p> <p>We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.</p>
13	27-10-25	Meezan Bank	Mr. M. Arif	Total= 1	Branch Manager	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
				M: 1		96” dia and 72” dia pipeline and provide GRM Awareness to the branch manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
14	27-10-2025	Bank Alfalah	Mr. M. Sarfaraz Shah Hunzai	Total= 1 M: 1	Operation Manager	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the operation manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
15	27-10-2025	Bank AL Habib	Mr. Faheem Haider Memon	Total= 1 M: 1	Branch Manager	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the branch manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
						alternate routes during this period to ensure there is no disruption to their operations.
16	28-10-25	Glaxy	Mr. Bilal Razzak	Total= 1 M: 1	Manager	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
17	28-10-25	Subway	Mr. Azhar Shaikh	Total= 1 M: 1	Manager	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
18	28-10-25	Soneri Bank	Mr. Sehar Afshan	Total= 1 M: 1	Branch Manager	<p>Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the branch manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.</p> <p>They were concerned about the closure of the road will affect their footfall because they are already suffering because of KBRT.</p>
19	28-10-25	Faysal Bank	Mr. M. Mohtashim	Total= 1 M: 1	Operation Manager	<p>Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the operation manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.</p>

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
20	28-10-25	Usmania Restaurant	Mr. Safeer Younus	Total= 1 M: 1	Receptionist	<p>Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the worker. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.</p> <p>They were concerned about the closure of the road will affect footfall because they are already suffering because of KBRT.</p>
21	7-11-25	Nipa Hydrant	Rooshan	Total= 1 M: 1	Incharge	<p>Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the in charge. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.</p>

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
22	7-11-25	Nipa Pumping Station	M. Irfan	Total= 1 M: 1	Worker	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the worker. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
23	7-11-25	Kabajees Fried Chicken	Niaz	Total= 1 M: 1	Manager	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
24	7-11-25	Dominos	Suhail	Total= 1 M: 1	Manager	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the manager. He appreciated the approach of being informed before the execution of the

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
						project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
25	7-11-25	Quetta Shandar	M. Hussain	Total= 1 M: 1	Worker	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the worker. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
26	7-11-25	Wall maker	Moaze	Total= 1 M: 1	Worker	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the worker. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
27	7-11-25	Habib Metro Bank	M. Usman Amir	Total= 1 M: 1	Branch Manager	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
28	20-11-25	Asre Sheeren	Sohail	Total= 1 M: 1	Manager	Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the manager. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations. He was concerned about the road closure might cause business loss.
29	5-12-25	Shalamar Nursery	Mr. Yousaf	Total= 1 M: 1	Contractor	Discussion about the approximately daily income to consider the nursery in temporary livelihood disruption so that

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
						the contractor and consultant should consider it in PAP survey.
30	19-1-26	Mashallah Creator	Kamran Jahangir	Total= 2 M: 2	Contractor	Discussed about the entrance and exit routes for the vehicles from the backside and the opening of barricaded area near Aziz Bhatti Park. Also informed about the upcoming road closure in front of his nursery.
31	01-10-25	Hassan Square Apartment #1	Mr. Asghar	Total= 1 M: 1	Union	We had a meeting with the building union and provided them with complete details regarding our project, including the road closure and alternate routes. They assured us that they will inform all the residents of their building accordingly.
32	01-10-25	Hassan Square Apartment #2	Mr. Salman	Total= 1 M: 1	Union	We had a meeting with the building union and provided them with complete details regarding our project, including the road closure and alternate routes. They assured us that they will inform all the residents of their building accordingly.
33	01-10-25	Al-Ahram Plaza	Mr. Abrar Jan	Total= 1 M: 1	Union	We had a meeting with the building union and provided them with complete details regarding our project, including the road closure and alternate routes. They assured us that they will inform all the residents of their building accordingly.

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
34	01-10-25	Al-Azam Apartment	Mr. Mehmood	Total= 1 M: 1	Union	We had a meeting with the building union and provided them with complete details regarding our project, including the road closure and alternate routes. They assured us that they will inform all the residents of their building accordingly.
35	01-10-25	Saleem Avenue	Mr. Tariq	Total= 1 M: 1	Union	We had a meeting with the building union and provided them with complete details regarding our project, including the road closure and alternate routes. They assured us that they will inform all the residents of their building accordingly.
36	1-12-25	Community Youth Centre	Community (Phase-1)	Total= 48 M: 11, F:37	UC 3	Awareness about the project and GBV, SH and SEA to the community. Also explained the phase-wise construction process and the GRM tier process.
37	13-11-25	SSUET	Students	Total= 127 M: 38, F: 89	SSUET	Awareness Session in Sir Syed University about GBV, SH & SEA.
38	22-10-25	UC 3	Mr. Fahim Barney Mr. Majid Ali Khan	Total= 3 M: 3	Counsellor Chairman	Brief about the project and provide GRM Awareness to the counsellor & chairman. They appreciated the approach and was agreed for the further consultations and GBV session for the community and GRC members from their UC.

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
			Mr. S. Tabish Hashmi			
39	1-11-25	UC # 2	Mr. Riaz Azhar	Total= 1 M: 1	Chairman	<p>Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the chairman. He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.</p> <p>They were concerned about the closure of the road will affect because they are already suffering because of KBRT.</p> <p>He suggested that there should be 1 focal person from his UC for effective coordination.</p> <p>He was also agreed appreciated the approach of community consultations.</p>
40	4-11-25	UC # 8	Mr. Khizar Baqi	Total= 1 M: 1	Chairman	<p>Brief about the project common corridor of 2.7km from NIPA to Hassan Square of 96” dia and 72” dia pipeline and provide GRM Awareness to the branch manager.</p>

S/No	Date	Organization	Name	No of Participants (M/F)	Designation	Discussion
						<p>He appreciated the approach of being informed before the execution of the project and will convey among his colleagues. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.</p> <p>They were concerned about the closure of the road will affect because they are already suffering because of KBRT.</p> <p>He suggested that there should be 1 focal person from his UC for effective coordination.</p> <p>He was also agreed appreciated the approach of community consultations.</p>
41	29-11-25	UC # 8	Mr. Khizar Baqi	Total= 1 M: 1	Chairman	<p>Follow-up meeting with Chairman of UC-8 regarding road closure and diversion on his request.</p> <p>The new updates regarding road closure and site works was explained to him.</p>
44	24-11-25	Site	Shaukat	Total= 1 M: 1	SO	<p>Discussion about the traffic diversions for the extension of site works towards FUUAST and SSUET road for excavation.</p>



Union Manager Al-Ahram Plaza

Date: 1-10-25



Union Manager Al-Azam Apartment

Date: 1-10-25



Union Manager Hassan Square apartment#1

Date: 1-10-25



Union Manager Hassan Square Apartment#2

Date: 1-10-25



Union Manager Saleem Avenue

Date: 1-10-25



Branch Manager Askari Bank

Date: 3-10-25



Administrator Aligarh Institute

Date: 15-10-2025

Branch Manager JS Bank

Date: 1-10-25



Branch Manager Bank Makramah Limited

Date: 3-10-25



Chairman & Councillor UC 3

Date: 22-10-2025



Branch Manager Bank Al Habib Limited

Date: 27-10-2025



Branch Manager Meezan Bank Limited

Date: 27-10-2025



Branch Manager Galxy

Date: 28-10-25



Branch Manager Soneri Bank

Date: 28-10-25



Receptionist Usmania Restaurant

Date: 28-10-25



Operation Manager Faysal Bank

Date: 28-10-25



UC # 2 Chairman

Date: 1-11-25



UC # 8 Chairman

Date: 4-11-25



Manager Kababjees Fried Chicken

Date: 7-11-25



Manager Dominos

Date: 7-11-25



Worker Quetta Shandar

Date: 7-11-25



Branch Manager Habib Metro Bank

Date: 7-11-25



Worker KWSB Pumping Station

Date: 7-11-25



Sir Syed University of Engineering & Technology

Date: 11-11-25



Principal Aligarh Institute

Date: 11-11-25



Registrar SSUET

Date: 12-11-25



Students- SSUET

Date: 13-11-25



Environmental Sciences FUAST

Date: 18-11-25



Head of Environmental Sciences FUAST

Date: 18-11-25



Traffic Police S. O

Date: 24-11-25



Phase-1 Community Consultation (Female)

Date: 1-12-25



Phase-1 Community Consultation (Male)

Date: 1-12-25



Campus Officer FUAST

Date: 5-11-25



Head of Environment Department- FUAST

Date: 5-11-25



**Administrator- The Cancer Foundation
Hospital**

Date: 30-12-25

Annexure B Tree Inventory Data

Tree Inventory Data of 2.7 KM Main Corridor with BRT				
Tree No.	Tree Specie	Tree Scientific Name	Approx. distance from the Excavation Trench	Tree location
1	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
2	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
3	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
4	Mango	<i>Mangifera indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
5	Badam	Almond Tree	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
6	Khajoor	<i>Phoenix dactylifera</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
7	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
8	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
9	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
10	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01

Tree Inventory Data of 2.7 KM Main Corridor with BRT				
Tree No.	Tree Specie	Tree Scientific Name	Approx. distance from the Excavation Trench	Tree location
11	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
12	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
13	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
14	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
15	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
16	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
17	Neem	<i>Azadirachta indica</i>	3ft to 3.5 ft	3+425 Near Sir Syed University ROW 01
18	Bari	Jujube Tree	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
19	Jangli Gulmohar	Royal poinciana	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
20	Kahjoor	Phoenix dactylifera	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
21	Jangli Gulmohar	Royal poinciana	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02

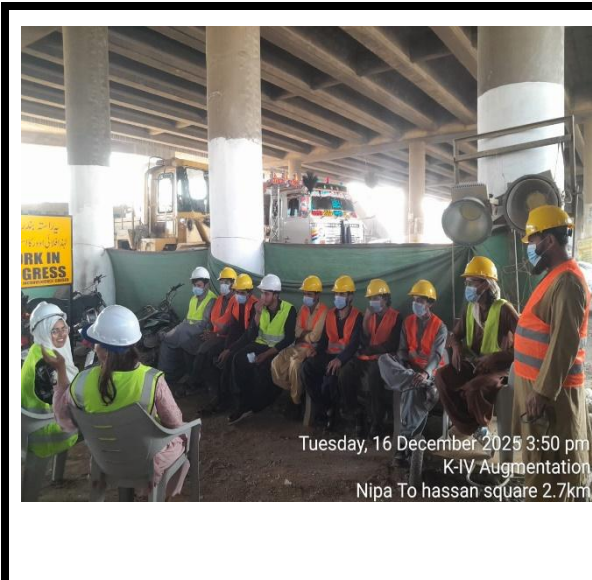
Tree Inventory Data of 2.7 KM Main Corridor with BRT				
Tree No.	Tree Specie	Tree Scientific Name	Approx. distance from the Excavation Trench	Tree location
22	Safeeda	Eucalyptus	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
23	Palm	Arecaceae	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
24	Khajoor	Phoenix dactylifera	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
25	Neem	Azadirachta indica	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
26	Neem	Azadirachta indica	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
27	Pepal	Ficus religiosa	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
28	Kahjoor	Phoenix dactylifera	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
29	Papeta	papaya	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
30	Pepal	Ficus religiosa	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
31	China Rose	Hibiscus rosa-sinensis	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
32			5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02

Tree Inventory Data of 2.7 KM Main Corridor with BRT				
Tree No.	Tree Specie	Tree Scientific Name	Approx. distance from the Excavation Trench	Tree location
33	Pepal	Ficus religiosa	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
34	Pepal	Ficus religiosa	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
35	Sukhchain	Pongamia pinnata	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
36	Pepal	Ficus religiosa	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
37	Neem	Azadirachta indica	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
38	Jaman	Syzygium cumini	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
39	Pepal	Ficus religiosa	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
40	Pepal	Ficus religiosa	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
41	Neem	Azadirachta indica	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
42	Fan Palm	Washingtonia robusta	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
43	Neem	Azadirachta indica	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02

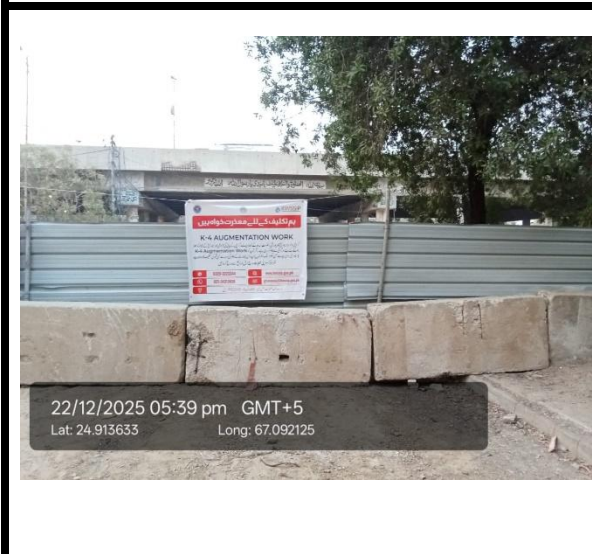
Tree Inventory Data of 2.7 KM Main Corridor with BRT				
Tree No.	Tree Specie	Tree Scientific Name	Approx. distance from the Excavation Trench	Tree location
44	Neem	<i>Azadirachta indica</i>	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
45	Neem	<i>Azadirachta indica</i>	5 ft to 5.5 ft	3+425 Near Sir Syed University ROW 02
46	Pepal	<i>Ficus religiosa</i>	5 ft	3+425 Near Sir Syed University ROW 02
47	Neem	<i>Azadirachta indica</i>	5 ft	3+425 Near Sir Syed University ROW 02
48	Marganeta	<i>Dracaena</i>	5 ft	3+425 Near Sir Syed University ROW 02
49	Pepal	<i>Ficus religiosa</i>	5 ft	3+425 Near Sir Syed University ROW 02
50	Pepal	<i>Ficus religiosa</i>	5 ft	3+425 Near Sir Syed University ROW 02
51	Neem	<i>Azadirachta indica</i>	5 ft	3+425 Near Sir Syed University ROW 02

Annexure C Photo Log

Training photos

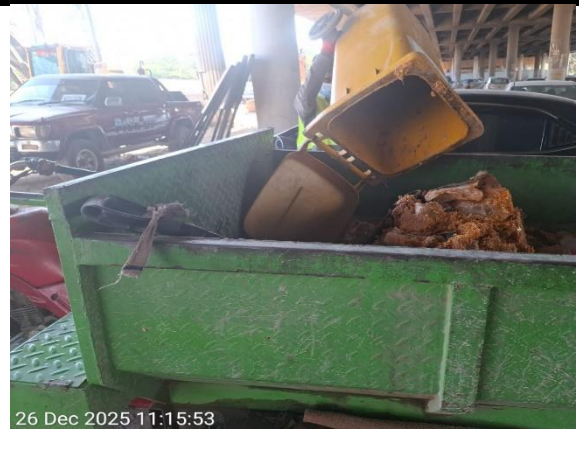
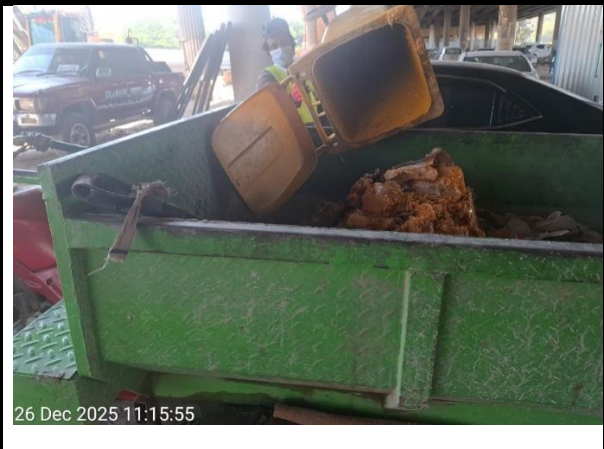


GRM & Safety Barricade at site





General / Domestic Waste Disposal



Training Pictures





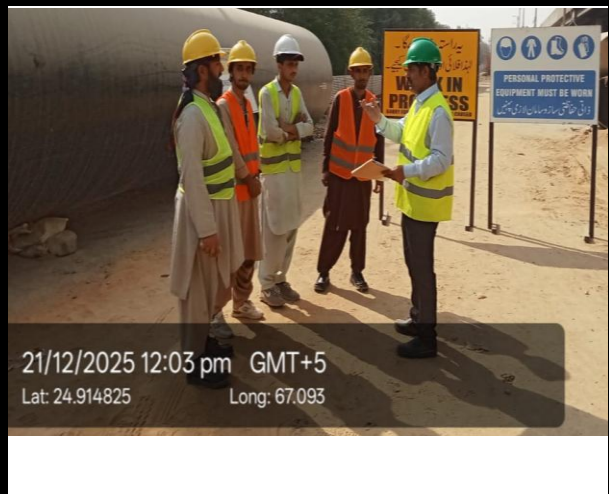
Septic Tank Installation & Dewatering Pictures





Tool Box Talks





Personnel Protective Equipments (PPE's)



PPE's Inventory



Soft Barrication Tape

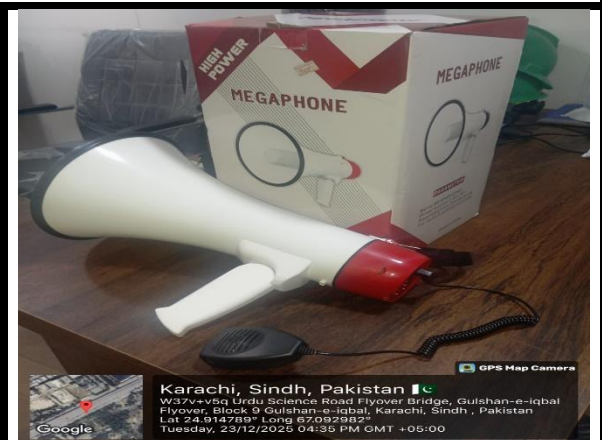
Fire Extinguishers & Inspection



Emergency Equipment



Wheel Chair



Mega Phone



Stretcher



Safety Harness Belt



Reflective Tapes



Oxygen cylinder with regulator & flowmeter



Signal / Revolving Lights

Installation of Different Signages and Hard Barrications



Hard Barrication & Signages

25 Dec 2025 4:11:32 pm



Flagman & signages during trail pits

29 Dec 2025 1:38:54 pm
24,90960745N 67.08580752E
Gulshan-e-Iqbal
Karachi City
Sindh

INSPECTION IMAGES



Karachi, Sindh, Pakistan 🇵🇰
Main University Rd, Block 10 Gulshan-e-Iqbal,
Karachi, Sindh 75500, Pakistan
Lat 24.914645° Long 67.093194°



Karachi, Sindh, Pakistan 🇵🇰
W37v+v5q Urdu Science Road Flyover Bridge, Gulshan-e-Iqbal
Flyover, Block 9 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan
Lat 24.914614° Long 67.09317°
Thursday, 25/12/2025 12:07 PM GMT +05:00

Site Visit with Consultant EHS Team



20 Dec 2025 11:42:05 am
University Road
Gulshan-e-Iqbal
Karachi City
Sindh



20 Dec 2025 11:44:46 am
University Road
Gulshan-e-Iqbal
Karachi City
Sindh

Trench Box / Canopy



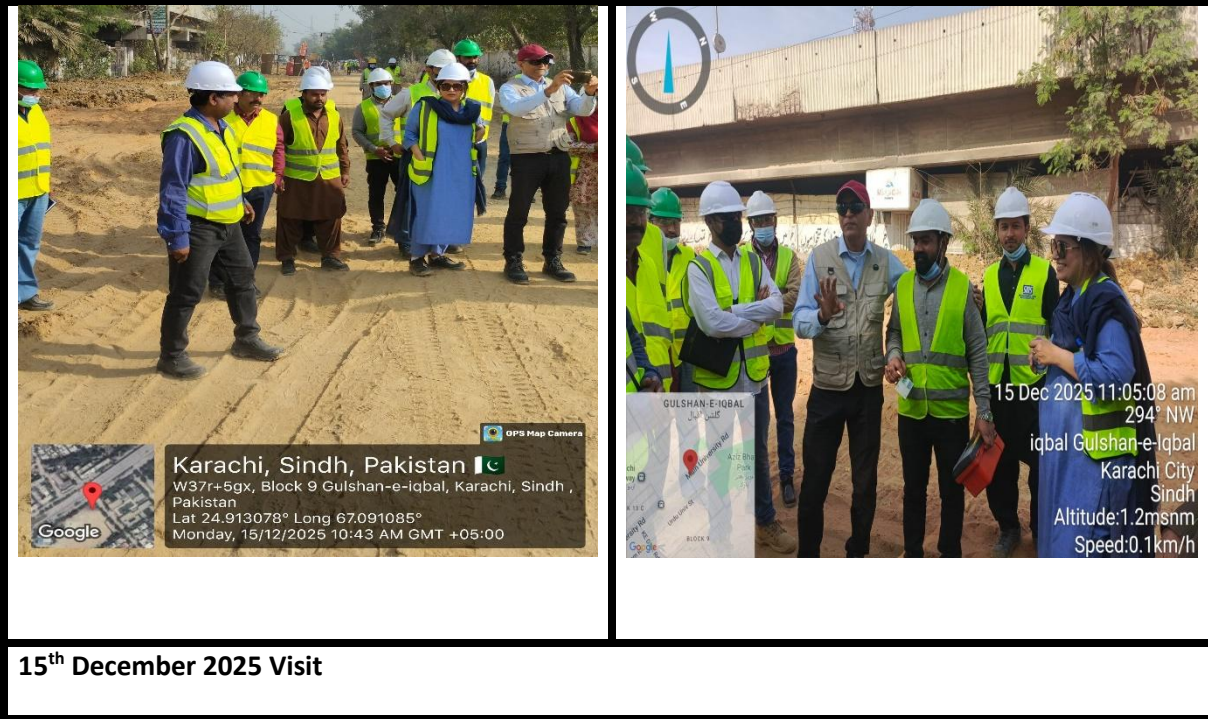
Canopy # 1



Canopy # 2

The World Bank visit





Annexure D. PIU Site Environmental and Social Compliance Inspection Reports

Project: K-IV Augmentation Works – 2.7 km Works

Report Type: Site E&S Compliance Inspection

Date of Visit: 05 November 2025

Time: 11:30 AM

Location: 2.7 km Construction Works – K-IV Augmentation Works

1. Personnel Conducting Visit

Name	Designation	
Ms. Kiran Bano	Environmental Specialist	KWSSIP-II
Mr. Ismail Zardari	Social Development Specialist	KWSSIP-II
Ms. Hameeda Kaleem	Gender Specialist	KWSSIP-I

2. Purpose of Visit

- To assess compliance of on-ground construction preparation activities with Environmental & Social (E&S) requirements.
- To identify gaps and provide corrective action recommendations prior to commencement of works.

3. Summary of Key Observations

Observation Category	Compliance Status	Remarks
Pipe Storage	Non-Compliant	Pipes on road without barricading
E&S Staffing	Non-Compliant	Key positions vacant
Environmental Monitoring	Non-Compliant	Baseline invalid
GRM Visibility	Non-Compliant	Not visible along alignment

4. Detailed Findings

4.1 Safety Hazards – Pipes Stored on Roadway:

- Pipes placed on road without barricading and signage, creating serious risk. It may lead to serious accidents

- No safety boards, reflectors, or GRM banners in place.

Status: Major Non-Compliance

4.2 Lack of Mandatory E&S Staffing:

- Only Social Development Specialist and Medical Officer mobilized.

- Environmental and OHS Specialists not mobilized as required.

Status: Major Non-Compliance

4.3 Environmental Baseline Monitoring:

- Baseline monitoring must occur after CESMP approval.

- September 2025 monitoring not valid.

Status: Non-Compliance

4.4 GRM Visibility:

- GRM banner placed inside site office; not visible to public.

Status: Non-Compliance

5. Corrective Actions Required

Required Action	Responsibility	Timeline	Status
Install barricading, signage, lighting	Contractor	Immediate	Open
Mobilize Env & OHS Specialists	Contractor	Before start	Open
Display GRM banners	Contractor	Before start	Open

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Emergencies Contact Numbers		
Name	Designation	Contact Number
Muhammad Rizvi	Project Manager	0300-3589627
Hassan I Bakh	Site Engineer	0300-3256853
Ishaq Hussain	HSE Engineer	0300-3775872
Malyca Khan	Social Development Specialist	0343-2546862
Chippa Ambulance Service	On-Site In charge	1020
Fire Brigade Center	On-Site In charge	16
Eshl Ambulance	On-Site In charge	115
Ashley Memorial Hospital (Mr. M. Zahoor)	Administrate	0300-9291278
Al-Masafa Hospital (Mr. Moiz Ahmed)	Manager Operations & Resource Generation	0333-2020225
Eshl Ambulance		115
Aman Ambulance		1021
Chippa Ambulance		1020
Red Crescent		25830275 / 35830376 / 35934281
Alangir Welfare Trust		111153153
Emergency		16
Chief Fire Officer KMC		37773252
Central Fire Station		99214007, 99215008
Gas Fire Station		34934881, 34934882
KPT Fire Station Komari		272042, 272043
Sahdar Fire Station		32259864, 32257960
Shah Faizal Fire Station		99218037





SITE ENVIRONMENTAL & SOCIAL (E&S) COMPLIANCE INSPECTION REPORT

Project: K-IV Augmentation Works – 2.7 km Section

Report Type: Site E&S Compliance Inspection

Date of Visit: 19 November 2025

Time: 12:30 PM

Location: 2.7 km Construction Works – K-IV Augmentation Works

1. Personnel Conducting Visit

Ms. Kiran Bano – Environmental Specialist, KWSSIP-II

Mr. Ismail Zardari – Senior Social Development Specialist, KWSSIP-II

2. Purpose of Visit

- To assess on-ground compliance of construction activities with Environmental and Social (E&S) requirements.
- To identify serious Occupational Health and Safety (OHS) hazards and gaps prior to continuation of site works.
- To provide immediate corrective recommendations to mitigate risk to worker safety and ensure ESMP compliance.

3. Summary of Key Observations

- **Pipe Jointing Safety:** Major Non-Compliance – Workers welding beneath unsupported pipes (~16 tons each). High fatality risk.
- **Trench Safety:** Major Non-Compliance – Trench unprotected; risk of wall collapse.
- **Contractor E&S Staffing:** Non-Compliant – All positions mobilized except Environmental Specialist.
- **Supervision Consultant E&S Staffing:** Non-Compliant – Environmental Specialist not mobilized.
- **Signage and GRM Information:** Non-Compliant – Signage mostly in English; Urdu signage and GRM info missing.
- **Septic Tank:** Partially collapsed septic tank non functional, unbarricaded and unsafe.

4. Detailed Findings

4.1 Pipe Jointing Safety (Critical OHS Violation)

Workers observed performing pipe jointing and welding beneath the pipeline without any support structure, cradle, or fall protection. Each pipe section weighs approximately 16 tons; movement or

settlement could cause immediate collapse and fatal injuries. No rescue measures, safety protocols, or engineering controls were in place. Status: Major Non-Compliance.

4.2 Unsafe Trench Conditions

Trench walls were not sloped or shored; no barriers or warning signs were installed. High probability of sidewall collapse posing risk of entrapment and suffocation to workers. Status: Major Non-Compliance.

4.3 E&S Staffing – Contractor

Contractor’s Environmental Specialist position remains vacant. Status: Non-Compliance.

4.4 Signage and GRM Information

Safety and information signboards are displayed only in English. As per the compliance requirements, all signage must be in Urdu and GRM information displayed at public locations along the alignment. Status: Non-Compliance.

4.5. Septic Tank: Partially collapsed septic tank non functional, unbarricaded and unsafe. Status: Non Compliance.

5. Corrective Actions Required

- Suspend pipe jointing until proper cradles or support systems are installed – Contractor – Immediate – Open.
- Implement trench shoring or sloping and install barricading – Contractor – Immediate – Open.
- Mobilize Environmental Specialist (Contractor) – Contractor – Immediate – Open.
- Replace all English signage with Urdu and display GRM information along route – Contractor – Within 3 days – Open.

6. Conclusion

The observed conditions present high-risk occupational safety hazards and serious non-compliance with the contractual Environmental and Social Management Plan (ESMP). Immediate corrective measures are required to prevent potential loss of life or injury and to bring the works back into compliance with World Bank E&S standards.

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SITE ENVIRONMENTAL & SOCIAL (E&S) COMPLIANCE INSPECTION REPORT

Project: K-IV Augmentation Works – 2.7 km Section

Report Type: Site E&S Compliance Inspection

Date of Visit: 1st December, 2025

Time: 11:30 AM

Location: 2.7 km Construction Works – K-IV Augmentation Works

1. Personnel Conducting Visit

Ms. Kiran Bano – Environmental Specialist, KWSSIP-II

2. Purpose of Visit

- To assess on-ground compliance of construction activities with Environmental and Social (E&S) requirements.
- To identify serious Occupational Health and Safety (OHS) hazards and gaps prior to continuation of site works.
- To provide immediate corrective recommendations to mitigate risk to worker safety and ensure ESMP compliance.

3. Summary of Key Observations

- **Pipe Jointing Safety – Major Non-Compliance:** Workers continue welding beneath unsupported pipes (~16 tons each), This poses a high fatality risk.
- **Trench Safety – Major Non-Compliance:** Although a trench box is available, workers were observed working **outside** the trench box. Unprotected trench sections still present collapse and entrapment risks.
- **Quarry Material – Non-Compliance:** Backfilling material is being sourced from a quarry site without the required Environmental & Social Due Diligence, despite instructions issued to NESPAK one month earlier.
- **Signage and GRM Information – Non-Compliant:** Signage is mostly in English; Urdu signage, safety warnings, and GRM information are missing along the route.
- **Septic Tank – Non-Functional:** The septic tank is not operational, and the current sewerage connection is directly discharged into the drain.

- **Excavated Material – Improper On-Site Storage:** Excavated soil is stored without covering or protection, causing dust and environmental risk.
- **Temporary Disposal at Aziz Bhatti Park – Non-Compliant:** Excavated material has been dumped temporarily at Aziz Bhatti Park without any NOC from DG Parks; no documentation is available.
- **Final Disposal Documentation Missing:** NESPAK stated that final disposal is at Jam Chakro; however, no disposal records or documentation were found on site.
- **PPE Non-Compliance:** Workers were seen without required PPE (e.g., gloves). Welders were observed performing work outside the trench box, increasing safety risks.
- **Unsafe Access Equipment:** Ladders are inappropriate and poorly positioned, posing fall and access hazards.
- **GRM Disclosure Missing:** No proper GRM banners or community information boards were displayed along the 2.7 km route.
- **Labor Management Records – Non-Compliant:** Wage records, attendance registers, and worker documentation are not properly maintained on site.

4. Detailed Findings

1. Pipe Jointing & Welding – Major Non-Compliance (High Fatality Risk)

It has been communicated by RE and SRE NESPAK that still workers continue welding beneath **unsupported 16-ton pipes**, despite repeated instructions from NESPAK and the contractor's PM. This creates an extremely hazardous "line-of-fire" situation with high potential for fatal injury in case of pipe movement or settlement.

Issues Identified:

- Unsupported pipes during welding/jointing.
- No Safe Method of Work or lifting/cribbing plan implemented.
- No physical blocking or mechanical support in place.

Risk Level: Critical

2. Trench Safety – Major Non-Compliance

A trench box is present on site; however, workers were observed **working outside** the trench box instead of inside it.

Additional issues:

- Un shored trench
- Ladders unsafe and incorrectly positioned.
- No barricading or edge protection.
- No Job Hazard Analysis (JHA) conducted for trench work.

Risk Level: High

3. Quarry Material Sourcing – Non-Compliance (Due Diligence Not Conducted)

Backfilling material is being sourced from a quarry site **without prior environmental and social due diligence**, despite NESPAK being instructed a month earlier.

Implications:

- Potential child labor, unsafe quarrying, and environmental damage.
- Clear violation of World Bank ESF requirements.

4. Septic Tank – Non-Functional

The septic tank at the site remains non-operational, and wastewater is discharged directly into the drain.

Non-Compliance:

- Violates ESMP waste management requirements.
- Creates public health hazards.

5. Excavated Material – Improper Storage and Disposal

- Material stored on site without covering.
- Temporary dumping at **Aziz Bhatti Park without NOC**.
- No documentation for temporary storage.
- NESPAK indicates disposal at Jam Chakro, but no manifests/logs were available.

6. PPE Usage – Non-Compliant

Workers observed not wearing gloves and Welding was also being performed outside the trench box, increasing exposure to sparks and fumes.

7. Signage & GRM Disclosure – Inadequate

- Majority of signboards in English only.
- No Urdu safety warnings.
- GRM contact and procedure not displayed along the route.

8. Access Equipment – Unsafe

- Ladders used for trench entry/exit were inappropriate and improperly positioned.
- Fall hazards remain unmitigated.

9. Labor Management Records – Poorly Maintained

- Wage records incomplete.
- Attendance registers not updated.
- Worker documentation not organized.

C. Conclusion

The site demonstrates a high level of E&S and OHS non-compliance. Several issues particularly unsafe pipe jointing, trench safety lapses, and lack of quarry E&S due diligence pose **serious and immediate risks** to worker safety and community well-being. Immediate corrective measures are required by the Contractor and Supervision Consultant.

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Annexure E: Detailed Record of E&S Non-Compliances Identified by the Supervision Consultant (October–December 2025)

Letters - Summary (November 2025)					
Sr. No.	Letter Ref. No.	Date Issued	Subject	Contractor Response Received (Yes/No)	Status (opened/closed)
1	95	3/11/2025	Absence of HSE Engineer at site.	No	Closed
2	98	3/11/2025	Approval of Contractor's ESHM Plan.	No	Closed
3	97	3/11/2025	Lack of pipe protection and damage to external coating during transportation.	No	Closed
4	99	4/11/2025	Reminder - preparatory arrangements prior to commencement of works.	No	Closed
5	101	5/11/2025	Additional resources for CESHSMP compliances.	No	Closed
6	102	5/11/2025	Compensation to PAPs for disturbance during construction work.	No	Closed
7	112	18/11/2025	Non-compliance observations at site.	No	Closed
8	114	20/11/2025	Submission of 24-hour monitoring data and missing location (Al Mustafa Hospital)	No	Closed

9	119	22/11/2025	Dumping of excavated material and requirement for approved disposal location.	No	Closed
10	118	22/11/2025	Update of CESHSMMP & deployment of ESS staff during night-shift activities.	No	Closed
11	130	27/11/2025	Signages for diversion, GRM, and construction & HSE (Urdu) at working site.	No	Closed
<p>Note: Due to persistent non-compliance on the part of the contractor, the KWSSIP and the Supervision Consultant intervened and undertook necessary measures to address and close the identified non-compliances, thereby facilitating the reopening of the site and resumption of work.</p>					

Letters - Summary (December 2025)					
Sr. No.	Letter Ref. No.	Date Issued	Subject	Contractor Response Received (Yes/No)	Status (opened/closed)
1	136	1/12/2025	Response to Contractor's letter - clarification on site handling over & traffic management obligations.	No	Closed
2	137	2/12/2025	Non-compliance with GRM display & safety signages, site safety, and environmental management requirements.	No	Closed

3	141	4/12/2025	Safety & protection of personnel and equipment.	No	Closed
4	143	6/12/2025	Dumping of excavated material.	No	Closed
5	147	7/12/2025	Gulshan Iqbal Flyover Wall Collapse - Immediate Remedial Measures Required.	No	Closed
6	148	8/12/2025	Safety requirements for pipe welding/jointing works in trench.	No	Closed
7	149	9/12/2025	Replacement of key personnel & non-compliance with labor management procedures.	No	Closed
8	150	10/12/2025	ESS non-compliance & unavailability of contractor's ESS staff at project site.	No	Closed
9	154	10/12/2025	Work stoppage - safety measures at project site.	No	Closed
10	156	13/12/2025	Submission of updated OHS plan & revised safe work methodology.	No	Closed

11	159	15/12/2025	Resume of Contractor's Environmental & OHS Specialist.	No	Closed
12	161	15/12/2025	Mandatory documentation regarding temporary and permanent construction waste disposal	No	Closed
13	162	18/12/2025	Mandatory requirements for re-opening site work.	No	Closed
14	165	22/12/2025	Contractor's revised safe work method statement for pipe trench excavation.	SMS-JV-CHECL/25/87	Closed
15	168	24/12/2025	Submission of Environment, Social, Safety & Health (ESSH) Monthly Progress Report - November 2025.	No	Closed
16	169	24/12/2025	Quarterly environmental monitoring	No	Closed
17	175	28/12/2025	Submission of revised method statement for pipe trench excavation.	No	Closed
<p>Note: Due to persistent non-compliance on the part of the contractor, the KWSSIP and the Supervision Consultant intervened and undertook necessary measures to address and close the identified non-compliances, thereby facilitating the reopening of the site and resumption of work.</p>					

ESS NON-COMPLIANCE SITE INSTRUCTION SUMMARIES				
PRE-CONSTRUCTION PHASE				
Sr. No.	Date	Reason for Site Instruction	Status	
			Close	Open
October (2025)				
1	11/10/2025	Non-availability of GRM box & banner; washroom without availability of water, GRM forms, project visibility boards, traffic safety signs, complete PPEs required; traffic cones; flagmen; hard barricades; scaffolding 20 ft pipe; pamphlet's (project info, traffic diversion and GRM); Fire extinguisher A, B, C.	Closed	
2	18/10/2025	Lack of PPE; absence of safety signs at site; absence of assembly point; missing of barrication of cross pit; septic tank not properly covered; missing of Environmental Engineer from contractor side	Closed	
3	8/11/2025	Septic tank not constructed as per standard; missing of proper record of solid waste as per CESHSM; contract letters of all contractor staff not available; GRM standees & Complaint box not available; missing of traffic signages; missing of Environmental Specialist.	Closed	
4	9/11/2025	Partial display of safety and traffic warning signs; absence of reflection paint on barricades; missing of security personnel; missing of PPE's; missing of machine operator's license & third-party competency cards; missing of Earth moving machinery's third-party certification; missing of drinking water cooler at site; missing of workers rest shelter; lack of washroom facility; absence of wastebin; missing of GRM signboard & complaint box;	Closed	
5	9/11/2025	missing of labor's PPE's; missing of barrication at the excavated area; missing of emergency numbers; missing of green net at the excavated area; missing of flagmen on each side; missing of fire extinguishers; missing of additional signs.	Closed	
6	11/11/2025	Water sprinkling to settle dust; Flora protection; maintenance of equipment to prevent black smoke; emission policy; prevention of tree damage during excavation; installation of signboards on road and working area; no height work conducted as per CESMP plan.	Closed	
7	12/11/2025	Workers found sitting under stacked pipes; water and sewerage connections damaged; electric light pole fallen; hard barricades required around excavation/trench area; flagmen should be deputed both sides as pedestrian's walks are ongoing; safety and traffic signages; GRM box availability and visibility required; water sprinkling; tree inventory record; daily basis noise monitoring on app; dewatering must be carried out.	Closed	

8	12/11/2025	Workers found sitting under stacked pipes; water and sewerage connections damaged; electric light pole fallen; missing of hard barricades near excavation/trench area; appointment of flagmen on both sides; missing of safety and traffic signages; missing of GRM box and its visibility; water sprinkling was found missing; missing of trees inventory record; missing of noise monitoring on daily basis; absence of dewatering.	Closed	
9	13/11/2025	Lack of proper entrance at excavation/trench area; missing of hard barricaded at excavation/trench area; excavated soil not properly stored, trees and plants buried under excavated soil; missing of GRM box at site.	Closed	
10	14/11/2025	Lack of proper entrance at excavation/trench area; missing of hard barricaded at excavation/trench area; missing of PPE's of workers; inappropriate fire extinguisher at site; dewatering pump not inspected; unused cables found near excavated area; oil spill patched near earth moving machinery; excavated soil not properly stored, trees and plants buried under excavated soil; missing of complaint register.	Closed	
11	17/11/2025	Trespassing of general public at construction site; lack of valid license/third party operator card of excavated operator; lack of availability of dumper driver valid driving license/CNIC on site; lack of proper entrance at excavation/trench area; missing of hard barrication at excavated/trench area; lack of workers PPE's at site; inappropriate fire extinguishers; material was found not properly stacked; material placed inside 96" Dia pipe; excavated soil not properly stored, trees and plants buried under excavated soil; pipes stacked over drain; missing of community complaints box at site; pollution assessment particulate sampling not completed.	Closed	
12	19/11/2025	lack of proper access or egress routes at excavated/trench area; missing of hard barrication at excavated/trench area; lack of PPE's of workers; inappropriate fire extinguishers at site; generator placed near trench; Worker observed inside excavation without bracing, trench box, or proper sloping/benching, exposing to cave-in risk; worker sitting on a pipe inside excavation and without PPE; excavated soil not properly stored, trees and plants buried under excavated soil; missing of GRM Complaint box at site; missing of GRM visibility boards/signages.	Closed	
13	19/11/2025	Excavated material was found stored near Urdu University and under NIPA flyover; waste was found stored at Aziz Bhatti Park without documentation; water sprinkling on trees and soil to prevent dust.	Closed	

14	20/11/2025	Excavated material (soil and asphalt) found under bridge and on to the roads without documentation; Worker observed inside excavation without bracing, trench box, or proper sloping/benching, exposing to cave-in risk; multiple workers were found without PPE's; missing of hard barricades near excavated/trench area; inappropriate and insufficient fire extinguishers at site; generator placed near excavated/trench area; excavated soil not properly stored, trees and plants buried under excavated soil; GRM community complaint box not available at site; missing of GRM board signages and visibility at site.	Closed	
15	20/11/2025	No work without proper shoring; backfill the trench with gravel; instruction of dewatering properly; Safety Officer was advised to be vigilant and restrict unnecessary movement of persons at working site.	Closed	
December (2025)				
16	1/12/2025	Septic tank construction as per standard; hiring of SEPA certified waste handlers for hazardous waste and disposal; water sprinkling to avoid dust; monitoring of noise levels; instructions regarding proper scaffolding installation; adoption of waste management practices.	Closed	
17	3/12/2025	Reports of drinking water; water sprinkling to avoid dust; vehicle maintenance record; First Aid protocols; Medical emergency plan; Fire & Rescue emergency; excavated material uncovered; poor housekeeping at site; trees protection near excavation site.	Closed	
18	3/12/2025	Requirement of four flagmen at site; missing of safety and GRM signages; poor housekeeping at site; unavailability of fire extinguishers at site; improvement of campsite living standard; lack of ESS compliance; lack of trench safety; missing of reflecting material on all hard barricades; missing of GRM boxes at site; Waste disposal inventory records, disposal locations, and approvals not maintained; Lack of PPE's.	Closed	
19	6/12/2025	Usage of submersible pump for dewatering; lack of PPE's of workers; lack of proper barrication at trench; electrical wiring laid on ground at working site; electrical wire not properly secured; SMS labor and excavators damage the plant near utilities.	Closed	

LETTERS OCTOBER 2025

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA** 

FOR
K-IV AUGMENTATION WORKS

Ref: 4937/11/SRE/01/SOP-II/0068

Dated: Oct 01, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.**

SUBJECT: Clarification regarding Tree Plantation


This refers to your letter No. SMS-JV-CHEC/25/34 dated September 24, 2025.

You are instructed to submit a joint survey report that was conducted in July 2025, confirming that no trees or vegetation have been identified within the designated pipe-laying corridor. The report should be supported with clear photographic evidence of the ROW.

Please note that this instruction pertains strictly to trees and plantation located within the ROW earmarked for pipeline installation. Any damage caused to vegetation or plantation outside the proposed ROW, as a result of the Contractor's operations, shall be the sole responsibility of the Contractor and must be rectified at his own cost.

Your prompt action in this regard is appreciated.

Regards,



Engr. Khalid Aziz
(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Deputy Project Director
- iii. Director Investment
- iv. Deputy Director Investment
- v. Project Manager PIU
- vi. Environmental Specialist/Gender Specialist/Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR
K-IV AUGMENTATION WORKS

Ref: 4568/11/RH/01/SOP-II/ 0071

Dated: October 6, 2025

M/s. Sherjan Mosakhail & Sons – China Harbor Engineering Company Ltd.
(Joint Venture)

House No. B-48, Block-T, North Nazimabad, Karachi

Telephone: +92-21-3663251

Email: sherjanmosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

Contract No. PK-PIU KWSSIP 2-465025-CW-RFB
Common Corridor with KBRT- 2.7 km from NIPA to Hassan Square Transmission Main
and Appurtenance for 96" & 72" Dia Pipeline.

SUBJECT: Contractor's ESHSM Plan (Rev.2)

This refers to your letter No. SMS-JV-CHEC/25/36 dated September 30, 2025, regarding the submission of the 2nd revised CEHSM Plan incorporating our comments conveyed via our letter No. 4937/11/SRE/01/SOP-II/0043 dated August 25, 2025.

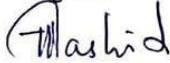
We have thoroughly reviewed the revised submission and, upon incorporating the necessary missing details in the Occupational Health & Safety (OHS), Environmental, and Social sections, have deemed it suitable for conditional approval. However, please note that additional comments have been made on other sections of the document which require your immediate attention and action. These must be addressed promptly to ensure full compliance with the contractual and procedural requirements.

In pursuance to sub-Clauses 3.2, 4.8 and 4.18 & other relevant conditions of Contract, the Contractor's ESHSM plan is hereby classified as "**Approved with Comments**".

You are advised to re-submit the plan incorporating NESPAK's comments at the earliest. We reiterate that no construction activities may commence until all pre-construction Environmental & Social (E&S) obligations are fully met in accordance with the contractual provisions.

This is submitted for your information and immediate compliance.

Regards



RASHID HUSSAIN
(Project Manager SOP-II)

Encl: As stated above

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Deputy Project Director
- iii. Project Manager-KIV Augmentation
- iv. ESS Team

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Senior Resident Engineer
- iii. ESS team

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**

NESPAK

FOR

K-IV AUGMENTATION WORKS

Ref: 4568/11/RH/01/SOP-II/0073

Dated: October 6, 2025

M/s. Sherjan Mosakhail & Sons – (JV) - China Harbor Engineering Company Ltd.

House No. B-48, Block-T, North Nazimabad, Karachi

Telephone: +92-21-3663251

Email: sherjanmosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

Contract No. PK-PIU KWSSIP 2-465025-CW-RFB
Common Corridor with KBRT- 2.7 km from NIPA to Hassan Square Transmission Main
and Appurtenance for 96" & 72" Dia Pipeline.

SUBJECT: ESS Staff proposed by the Contractor

This refers to your letter No. SMS-JV-CHEC/25/37 dated September 30, 2025, regarding the submission of CVs and credentials of the Contractor's nominated staff for Environmental and Social Safeguards (ESS) compliance, in response to our letter No. 4937/11/SRE/01/SOP-II/0040 dated August 23, 2025.

We have thoroughly reviewed the credentials of the nominated personnel and hereby extend approval for the following individuals:

1. Mr. Izhar Hussain – HES Engineer
2. Ms. Mulyca Khan – Social Expert
3. Mr. Sartaj Ali – First Aider

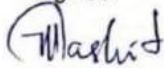
However, the credentials submitted for Mr. Junaid ur Rehman, proposed as Environmental Expert, do not align with the requirements of the designated position. You are therefore advised to submit CV of another suitable candidate having relevant experience.

Further, given the high-profile nature of this project, we strongly recommend the appointment of a senior expert as team leader to oversee the performance of the approved staff and to ensure effective coordination with the Employer/Consultant during site meetings and visits.

We reiterate that no construction activities may commence until all pre-construction Environmental & Social (E&S) obligations are fully satisfied in accordance with the contractual provisions.

This is submitted for your information and immediate compliance.

Regards



RASHID HUSSAIN
(Project Manager SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Deputy Project Director
- iii. Project Manager -KIV Augmentation
- iv. ESS team

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Senior Resident Engineer
- iii. ESS team

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA** 

FOR
K-IV AUGMENTATION WORKS

Ref: 4937/11/SRE/01/SOP-II/0083

Dated: October 22, 2025

M/s SMS-CHEC (JV)
House No. B-48, Block T, North Nazimabad, Karachi
Telephone: +92-21-36632151
Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.**

SUBJECT: PREPARATORY ARRANGEMENTS PRIOR TO COMMENCEMENT OF WORKS


With reference to the subject matter, it is informed that the construction activities are planned to commence next week. You are therefore kindly reminded to ensure that the following arrangements are properly managed before the start of the works at site as per contractual and CESHSMR requirements as already instructed through earlier site instruction notes.

- GRM stand (metal frame) installed at working site.
- Two (02) large complaint boxes – one for community GRM and one for workers GRM.
- Two (02) GRM registers – one for community and one for workers.
- Availability of a functional washroom facility with water supply and a septic tank.
- Provision of mandatory PPEs (including safety shoes) as per the total number of laborers deployed.
- Hard barricades for Excavated / Trench areas.
- Shoring arrangements for excavated soil.
- Installation of Construction Safety and Traffic Safety signboards at appropriate locations.
- Printing and display/distribution of Project Information and Traffic Diversion Leaflet.
- Designated Rest Area for laborers with shed, availability of water and washroom at site.
- Availability of Fire Extinguishers (ABC Type) at all active working areas.
- Phase-wise large-scale consultations with stakeholders/community members.

Kindly ensure the above measures are completed and verified prior to mobilization of works to maintain ESS compliance.

Note: These are mandatory ESS compliance requirements that must be ensured and maintained at all active construction sites.

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

 **CamScanner**

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA** 

FOR
K-IV AUGMENTATION WORKS

Ref: 4937/11/SRE/01/SOP-II/0083

Dated: October 22, 2025

Your prompt action in this regard will be highly appreciated.

Regards,


Engr. Khalid Aziz
(Sr. Resident Engineer SOP-2)

- Copy to:**
KWSSIP, KW&SC
- i. Project Director
 - ii. Deputy Project Director
 - iii. Director Investment
 - iv. Deputy Director Investment
 - v. Project Manager (KIV Augmentation)
 - vi. Environmental Specialist/ Gender Specialist/ Social Specialist
- SEURECA-NESPAK (JV)**
- i. Team Leader
 - ii. Project Manager SOP-2

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/ 0086

October 24, 2025

M/s SMS-CHEC (JV)
House No. B-48, Block T, North Nazimabad, Karachi
Telephone: +92-21-36632151
Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.**

Subject : Approval of Flyer

This refers to your letter Ref. SMS-JV-CHEC/25/047 dated 22-Oct-2025 regarding the submission of the flyer for approval pertaining to the above cited project.

Please be informed that we have reviewed the same and marked our comments for your necessary action. Copy attached herewith for your ready reference.

You are requested to re-submit the revised flyer at the earliest to ensure timely communication with the community and avoid any inconvenience during the execution stage.

This is for your information, record, and further necessary action.

Regards


Engr. Khalid Aziz
(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Deputy Project Director
- iii. Project Manager, KIV Augmentation

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/0087

Date: October 27, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE**

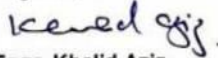
SUBJECT: DEPLOYMENT OF KEY PERSONNEL (ENVIRONMENTAL SPECIALIST)

This refers to our letter No. **4568/11/RH/01/SOP-II/0073**. It is determined that the qualifications of the proposed Environmental Specialist do not fully meet the essential requirements specified for the role under the contract.

You are therefore requested to promptly submit the resume of a suitably qualified Environmental Specialist that complies with the ESS requirements for our immediate review and approval.

Your timely compliance is required to ensure the smooth progress of project activities.

Regards,



Engr. Khalid Aziz
Sr. Resident Engineer SOP-II

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Deputy Project Director
- iii. Project Manager (K-IV Augmentation Works)
- iv. Environmental Specialist / Gender Specialist / Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnel, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

LETTERS NOVEMBER 2025

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/0095

Date: November 03, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE**

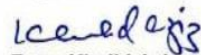
SUBJECT: Absence of HSE Engineer at Site

With reference to ongoing site supervision activities, it has been observed that the designated HSE Engineer has not been present at site since last week. This prolonged absence is a matter of serious concern, as it compromises compliance with the approved Health, Safety, and Environment (HSE) requirements stipulated under the Contract.

You are hereby instructed to ensure the immediate deployment of the approved HSE Engineer at site. Alternatively, you may propose a suitably qualified replacement for prior review and approval, in accordance with contractual provisions. It is further noted that the Environmental Specialist has yet to be deployed, as previously communicated vide our letter dated October 27, 2025.

Your urgent attention and compliance in this matter will be appreciated to avoid disruption to site activities and to ensure continued alignment with HSE standards and ESS documentation requirements.

Regards,



Engr. Khalid Aziz

Sr. Resident Engineer SOP-II

Copy to:

KWSSIP, KW&SC


- i. Project Director
- ii. Deputy Project Director
- iii. Project Manager KIV Augmentation
- iv. Environmental Specialist / Gender Specialist / Social Specialist

SEURECA–NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR
K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/0097

Date: November 03, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE

Subject: Lack of Pipe Protection and Damage to External Coating During Transportation
(Ref: Clause -17;1 & 17.2 GCC / PCC)

This refers to 96" dia pipes delivered at Site yesterday. However, during a recent site visit, it was observed that pipes placed along the roadside are not adequately secured or protected. It was further noted that commuters are using these pipes for road crossing, which poses potential risks to both public safety and the integrity of the pipeline's internal and external coatings. Photographs attached.

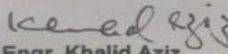
Moreover, it was observed that during transportation, the pipes were supported with mild steel (MS) holders or clamps to stabilize them on the trailers. However, such supports have caused visible damage to the external coating of several pipes, as evident in the attached photographs.

You are hereby instructed to:

1. Properly secure and protect all pipes at site to prevent unauthorized access and ensure the safety of internal and external coatings.
2. Submit a detailed Method Statement outlining the procedure for repairing the damaged external coating. The method statement shall include the material specifications, surface preparation, application process, and inspection/testing protocols.
3. Avoid using MS supports in future transportation to prevent further coating damage. Alternative means that ensure adequate protection of the pipe coating shall be proposed for our review and approval.

Please treat this matter as urgent and ensure compliance at the **earliest** to prevent any further damage or safety hazards.

Regards,

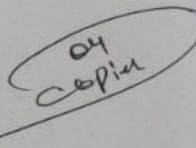


Engr. Khalid Aziz

Sr. Resident Engineer GOP-II

Encl: Photographs attached





SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR
K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/ 0098

Dated: November 03, 2025

Authorized Representative
M/S SMS-CHEC (JV)
House No B-48, Block-T, North Nazimabad, Karachi
Telephone: +92-21-36632151
Email: Sherjanimooosakhailsons@gmail.com, info@smsconstruction.pk

**Project: COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.**


SUBJECT: Approval of Contractor's ESHM Plan

We are pleased to inform you that the Environmental & Social (E&S) team of PIU-KWSSIP has finalized and approved the Contractor's Environmental and Social Health and Management Plan (CESHMP), as communicated via email dated November 03, 2025 (copy attached).

The CESHMP (Rev.3) was forwarded to PIU-KWSSIP vide our letter # 4937/11/RH/SOP-II/0080 dated October 21, 2025. You are therefore requested to submit six (06) hard copies of the approved CESHMP for our record and onward transmission to PIU-KWSSIP.

Your earliest response in this regard will be appreciated to ensure timely documentation and compliance.

Regards,



Engr. Khalid Aziz
(Sr. Resident engineer SOP-II)

Encl: As noted above

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Deputy Project Director
- iii. Project Manager-KIV Augmentation
- iv. ESS Team

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP - II
- iii. ESS team

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR
K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/0099

Dated: November 04, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.**

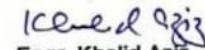
Subject: Reminder – Preparatory Arrangements Prior to Commencement of Works

This is in reference to our letter Ref: 4937/11/SRE/01/SOP-II/0083 dated October 22, 2025, concerning the preparatory arrangements required prior to the commencement of works.

The Contractor is reminded to ensure that all requisite preparatory measures, as previously instructed, are fully completed and duly verified before mobilization at site. Please note that these measures are mandatory under ESS compliance and must be implemented and maintained at all active construction sites without exception.

Your prompt attention to this matter will be highly appreciated.

Regards,



Engr. Khalid Aziz
(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Deputy Project Director
- iii. Project Manager KIV Augmentation
- iv. Contract Manager KIV Augmentation
- v. Environmental Specialist/ Gender Specialist/ Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4937/11/SRE/01/SOP-II/00101

Dated: November 05, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherianmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

SUBJECT: ADDITIONAL RESOURCES FOR CESHMP COMPLIANCES

It has been observed that the construction activities are planned to be undertaken at a minimum of two locations simultaneously. In view of this, it is imperative that adequate support staff is made available to assist the HSE, Social, and Environmental Officers at each active work front to ensure full compliance with the Contractor's Environmental, Social, Health and Safety Management Plan (CESHMP).

You are, therefore, advised to immediately deploy additional dedicated resources to support the HSE and Social/Environmental teams prior to the commencement of physical works at site. This measure is essential to maintain oversight, monitoring, and compliance at all active locations.

Additionally, it is reiterated that provision of a dedicated washroom facility for female staff must be addressed on a priority basis in accordance with the contractual and CESHMP requirements.

Regards


Engr. Khalid Aziz
(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Deputy Project Director
- iii. Director Investment
- iv. Project Manager KIV Augmentation
- v. Environmental Specialist/ Gender Specialist/ Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA** 

FOR
K-IV AUGMENTATION WORKS

Ref: 4981/11/RH/01/SOP-II/00102

Dated: November 5, 2025

Project Director,
Project Implementation Unit (PIU)
Karachi Water & Sewerage Services Improvement Project (KWSSIP)
Karachi Water & Sewerage Corporation (KW&SC)
40/G-1, Street-40, Block-6, P.E.C.H.S, Karachi
Tel: +92-21-99330279

COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE

Subject: Compensation to PAPs for Disturbance During Construction Work

In continuation of the recent World Bank Mission and subsequent consultations with the Project Implementation Unit (PIU), it has been mutually agreed that disturbance allowances shall be paid to eligible Project Affected Persons (PAPs) to mitigate temporary livelihood disruptions arising from ongoing construction activities under the [Project Name].

To ensure transparency, equity, and compliance with World Bank guidelines, it is requested to constitute a Disturbance Allowance Oversight Committee, comprising the following members:

- Chairman,
- Secretary,
- Three (03) Members

The Committee shall be responsible for:

- Validating the list of eligible PAPs based on verified field data and consultation inputs.
- Reviewing supporting documentation submitted by PAPs and field teams.
- Recommending disturbance allowance payments in accordance with the agreed procedures and World Bank safeguards.
- Ensuring that the verification and disbursement process is conducted in a transparent, equitable, and accountable manner.


Consultations with PAPs are currently ongoing, and a comprehensive Consultation Report will be submitted to the PIU by November 10, 2025. It is therefore requested for constitution of a Committee immediately thereafter to initiate the verification and payment process.

This is for your record and necessary action please.

Regards


RASHID HUSSAIN
Project Manager

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

 CamScanner

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA** 

FOR
K-IV AUGMENTATION WORKS

Ref: 4981/11/RH/01/SOP-II/00102


Dated: November 5, 2025

Copy to:

KWSSIP, KW&SC

- i. Deputy Project Director
- ii. Director Investment
- iii. Project Manager KIV Augmentation
- iv. Contract Manager KIV Augmentation
- v. Environmental Specialist/ Gender Specialist/ Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
 - ii. Sr. Resident Engineer
- 

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00112

Date: November 18, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE**

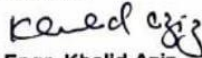
SUBJECT: NON-COMPLIANCE OBSERVATIONS AT SITE

With reference to the recent site inspection and as per World Bank Mission requirements, the following non-compliances have been observed at the construction site:

1. Please share valid driving licenses of Excavator operators and drivers of dumpers.
2. GRM box for the community must be available at the construction site.
3. Updated tree inventory record has not been submitted.
4. CESHSM needs to be updated to include night work activities.
5. PAs data collection is not completed yet.

You are instructed to address the above non-compliances immediately and ensure full adherence to the contractual, environmental, and social requirements

Regards,



Engr. Khalid Aziz
Sr. Resident Engineer SOP-II

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager KIV Augmentation
- iii. Contract Manager KIV Augmentation
- iv. Environmental Specialist / Gender Specialist / Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP:II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**

NESPAK

FOR

K-IV AUGMENTATION WORKS

20/11/25

Ref: 4981/11/SRE/01/SOP-II/00114

Date: November 20th, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE**

**SUBJECT: SUBMISSION OF 24-HOUR MONITORING DATA AND MISSING LOCATION
(AL MUSTAFA HOSPITAL)**

With reference to the baseline environmental monitoring reports submitted, it has been observed that:

1. The submitted reports have contained average monitoring data instead of the required 24-hour continuous monitoring data for environmental parameters (noise levels); and
2. The ambient air monitoring location at Al Mustafa Hospital has not been included in the submitted report.

In accordance with the approved CESHSM and contractual environmental compliance requirements, you are hereby instructed to:

1. Provide complete 24-hour monitoring data for all designated parameter (noise levels) at all approved locations; and
2. Ensure inclusion of the Al Mustafa Hospital monitoring location in the updated report.

Your immediate attention and cooperation in this regard will be appreciated.

Regards,

Khalid Aziz
Engr. Khalid Aziz
Sr. Resident Engineer SOP-II



Copy to:

KWSSIP, KW&SC

- ✓ Project Director
- ✓ Director Investment, Project Manager K-IV Augmentation
- ✓ Environmental Specialist / Gender Specialist / Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/ 00118

Dated: November 22, 2025

Authorized Representative

M/S SMS-CHEC (JV)

House No B-48, Block-T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: Sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Project: COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

SUBJECT: Update of CESHSMF & Deployment of ESS Staff during night-shift Activities

It has been noted that construction activities have commenced during night hours. In this regard, we reiterate that the Construction Environmental, Social, Health and Safety Management Plan (CESHSMP) is a live and site-specific document and must be continuously updated to reflect all requirements associated with night-shift operations.

It is essential that the CESHSMF be revised to include:

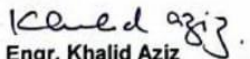
- Night-shift arrangements and site-specific controls
- Communication and reporting procedures
- Additional mitigation measures necessary to ensure full compliance with project standards and obligations

Furthermore, it has been observed that ESS personnel from the Contractor are not present on-site during night operations. Their absence is adversely affecting the completion of required documentation and the effectiveness of compliance monitoring.

You are therefore instructed to ensure the presence of the appropriate ESS staff during all night-shift activities in order to maintain uninterrupted compliance with project requirements.

This is submitted for your information and further necessary action please.

Regards,



Engr. Khalid Aziz
Sr. Resident engineer SOP-II

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager-KIV Augmentation
- iii. ESS Team

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP - II
- iii. ESS team

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  VEOLIA 

FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/RH/01/SOP-II/00119

Date: November 22, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE

SUBJECT: DUMPING OF EXCAVATED MATERIAL AND REQUIREMENT FOR APPROVED DISPOSAL LOCATION

It has been observed that excavated material has been dumped adjacent to the FUJAST area and around nearby trees and plants, some of which have been partially covered or damaged by the spoil material. Additionally, excavated material has been dumped along the roadside (under Nipa Bridge), which has begun to encroach onto the road and may cause traffic disruptions. Despite the site instruction issued earlier, this issue persists. This practice is not in line with the approved environmental and waste management procedures and may lead to non-compliance with the CESHMP requirements.

You are kindly requested to immediately provide the approved dumping/disposal location for the excavated material along with all relevant supporting documentation. This information is required to verify compliance with the Environmental Management Plan and to ensure that the material is being disposed of at authorized locations only.

Your prompt action in this regard is expected.


Engr. Khalid Aziz
Sr. Resident Engineer SOP-II

Copy to:

KWSSIP, KW&SC

- Project Director
- Director Investment
- Project Manager K-IV Augmentation
- Contracts Manager K-IV Augmentation
- Environmental Specialist / Gender Specialist / Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II



SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

ANNEXURE A

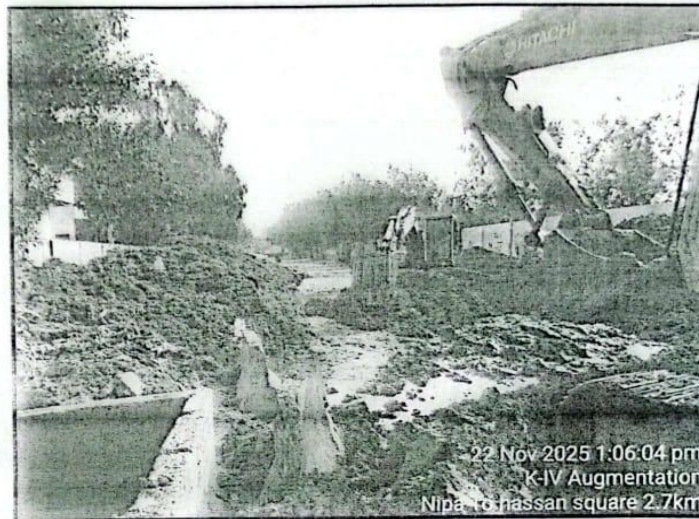


Figure 1 Excavated earth stacked in the Federal Urdu Uni. St.



Figure 2 Excavated Earth stacked under the SSUET Flyover

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NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00130

Date: November 27, 20

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE**

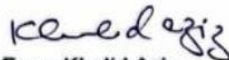
**SUBJECT: SIGNAGES FOR DIVERSION, GRM, AND CONSTRUCTION & HSE (URDU) AT
WORKING SITE**

With reference to the recent site observations, it has been noted that the Diversion Signages, GRM Signages, and various Construction & HSE Signages in Urdu are not present at active work areas. The working area will be extended from coming week, requiring corresponding signages to ensure proper communication and awareness for workers and the general public.

This matter is brought to your attention for necessary action at your end, considering the safety and compliance requirements associated with the project.

Your immediate attention and cooperation in this regard will be appreciated.

Regards,



Engr. Khalid Aziz

Sr. Resident Engineer SOP-II

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager K-IV Augmentation
- iii. Contract Manager 2.7 Works
- iv. Environmental Specialist / Gender Specialist / Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

LETTERS DECEMBER 2025

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00136

Date: December 1, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE**

**SUBJECT: Response to Contractor's Letter – Clarification on Site Handing Over & Traffic
Management Obligations**

This is with reference to your letter no. SMS-JV-CHEC/25/73 dated December 01, 2025, regarding "Request for Immediate Intervention," the contents of which have been reviewed.

Your apprehensions are not justified as all sites / reaches have already been duly handed over to your team. The responsibility to proceed with the works now rests with the Contractor in accordance with the Contract provisions.

It is once again reiterated that prior to commencement of any excavation or execution activity in a new reach, the Contractor is obliged to ensure all necessary safety and traffic management arrangements on the road diversions as specified in CESHMP or advised by the Engineer, including but not limited to:

- Placement of appropriate signages, barricades, reflective tapes, and lighting.
- Ensuring that road closures do not cause traffic disruptions or inconvenience to the local community.
- Maintaining continuous access for pedestrians, residents, and emergency services.


These requirements are clearly defined in the approved CESHMP, wherein the Contractor has already committed to implementing all Environmental, Social, Safety, and Traffic Management controls prior to opening any new work front.

The Contractor is therefore advised to comply with the approved CESHMP measures and ensure full preparation of each reach before commencing execution works. Any delay or disruption arising from inadequate traffic/safety arrangements shall remain the Contractor's responsibility.

Regards,


Engr. Khalid Aziz
Sr. Resident Engineer SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

 CamScanner

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00136

Date: December 2, 2025

Copy to:

KWSSIP, KW&SC

- Project Director
- Project Manager K-IV Augmentation
- Contract Manager 2.7 Works
- Environmental Specialist / Gender Specialist / Social Specialist

SEURECA-NESPAK (JV)

- Team Leader
- Project Manager SOP-II

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**

NESPAK

FOR
K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00137

Date: December 2, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE**

**SUBJECT: NON-COMPLIANCE WITH GRM DISPLAY & SAFETY SIGNAGES, SITE SAFETY, AND
ENVIRONMENTAL MANAGEMENT REQUIREMENTS**

It has been observed that several critical requirements under the CESHSMR are not being adhered to at the site. Specifically:

- Safety signages and GRM banners at the site entrance and exit are not properly displayed.
- Labor registration records, CNIC copies, and daily attendance are not being properly maintained.
- Workers were found without appropriate PPEs.
- Gas cylinders and GRM boxes are not placed in accordance with safety requirements.
- The site exit has not been properly cordoned off.

In addition, the following environmental management deficiencies were noted:


- Approved disposal location, quantity details, and disposal slips for excavated material have not been provided.
- Excavated material remains uncovered.
- The septic tank is not properly maintained.
- Solid waste disposal procedures and supporting documentation are not available.

You are hereby instructed to rectify these issues immediately and ensure full compliance with the CESHSMR provisions. Continued non-compliance will be treated as a serious breach of contractual and safety obligations.

Regards,


Engr. Khalid Aziz
Sr. Resident Engineer SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

 CamScanner

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**

NESPAK

FOR
K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00137

Date: December 2, 2025

Copy to:

KWSSIP, KW&SC

- Project Director
- Project Manager PIU
- Contract Manager PIU
- Environmental Specialist / Gender Specialist / Social Specialist

SEURECA-NESPAK (JV)

- Team Leader
- Project Manager SOP-II

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**

NESPAK

FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00141

Dated: Dec 4, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.**

SUBJECT: Safety & Protection of personnel and equipment

This refers to a site observation raised by NESPAK and the PIU ESS team, concerning the deep excavation activities currently underway. It is noted that, in certain deep excavation areas, the necessary temporary trench support and hard barricades (or scaffolding support for fall protection), has not yet been fully implemented inside the working area. Providing adequate support for excavations and protection around deep trenches is a crucial practice for maintaining a reliable and secure worksite for all personnel and equipment.

We wish to draw your kind attention to the project's Technical Specifications, Clause 4.6.6: which states that the Contractor is responsible for any injury to the work and any consequential damage caused by, or, arising out of the insufficiency of the support provided for excavation.

It must be noted that the contractual stipulations place the responsibility for the safety and integrity of all the site operations exclusively with M/s SMS-CHEC. Ensuring the stability of the trenches and protection of working personnel is a necessary step to avoid any circumstances that might lead to injury, loss, or consequential costs, as the liability for such events would rest solely with the Contractor, as per the Contract Specifications.

This is for your kind information and necessary future record. (Pictures are attached depicting serious non-compliances of ESS SOP's at site)

Regards,


Engr. Khalid Aziz

(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager (K-IV Augmentation)
- iii. Contracts Manager 2.7 Km
- iv. ESS Team PIU

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/ 00143

Dated: December 06, 2025

Authorized Representative

M/S SMS-CHEC (JV)

House No B-48, Block-T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: Sherianmoosakhailsons@gmail.com, info@smsconstruction.pk

Project: COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

SUBJECT: Dumping Of Excavated Material.

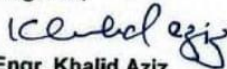
Refer to our previous observations and instructions on the subject matter, vide letter No. 4981/11/SRE/01/SOP-II/00129 dated November 22, 2025, we once again inform you that you are still dumping excavated material on the nearby streets and in front of the Urdu University. This is causing significant difficulty in accessing the university premises.

Additionally, excavated material has been dumped along the roadside under the Nipa Bridge, which encroach onto the road and may cause traffic disruptions, as well as obstruct parking for the students of Sir Syed University under the bridge. This practice is not in line with the approved environmental and waste-management procedures and may result in non-compliance with the CESHMP requirements.

Furthermore, you have still not provided any details of the dumping/disposal location for the excavated material, along with the relevant supporting documentation as evidence. This information is required to verify compliance with the Environmental Management Plan and to ensure that the material is being disposed of at authorized locations only.

Your prompt action in this matter will be highly appreciated

Regards,



Engr. Khalid Aziz

(Sr. Resident engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager-KIV Augmentation
- iii. Contract Manager 2.7 KM
- iv. ES&H Team PIU

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP - II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/ 00147

Dated: December 7, 2025

Authorized Representative

M/S SMS-CHEC (JV)

House No B-48, Block-T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: Sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

**Project: COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.**

Subject: Gulshan Iqbal Flyover Wall Collapse ---- Immediate Remedial Measures Required

Refer to the attached photographs.

This is to inform you that during last night work, a portion of the bridge wall collapsed at Chainage 24+675 to 24+685, resulting in sliding of the compacted earth and creating a serious hazard for traffic moving from NIPA over the bridge. Please note that traffic is moving 24 H/day over the bridge from the NIPA side.

You are hereby instructed to take immediate corrective and preventive measures to restore the sliding embankment under the flyover and ensure its safety and stability in accordance with the contract specifications.

Additionally, ensure that no live traffic or personnel are permitted near the affected area. Adequate safety measures must be implemented without delay, including

- Proper barricading
- Warning tape
- Warning lights and signage
- Deployment of 24-hour flagmen

These measures are essential to safeguard vehicular traffic as well as human life. As per Contract Clauses 2.6 and 4.6.1, it is the prime responsibility of the Contractor to protect and ensure the stability of all existing structures. Treat as most urgent.

Regards,


Engr. Khalid Aziz
Sr. Resident Engineer SOP- II

Enclosed : Photographs & Site Note

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager-KIV Augmentation
- iii. Contract Manager – 2.7 KM

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00148

Dated: Dec 08, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

SUBJECT: Safety Requirements For Pipe Welding/Jointing Works in Trench

In line with the safety requirements communicated by the PIU-ESS team (e-mail copy attached, dated 8th Dec, 2025), you are hereby instructed to submit a specific Safe Work Method Statement (SWMS) covering pipe welding, and jointing activities in the trench. The SWMS must be fully aligned with, and compliant to, your approved Construction Environmental, Social, Health & Safety Management Plan (CESHSMP).

Furthermore, you are advised to temporarily suspend all related activities until the SWMS has been formally reviewed and approved by NESPAK and the ESS team of PIU-KWSSIP. No resumption of work will be permitted prior to receiving written clearance from the aforementioned authorities.

Your immediate attention to this requirement is essential to ensure a timely review process and the swift resumption of site operations.

Regards,


Engr. Khalid Aziz
(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager (K-IV Augmentation)
- iii. Contracts Manager (K-IV Augmentation)
- iv. ES&H team PIU

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

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SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  VEOLIA



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00149

Date: December 9, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE**

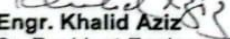
**SUBJECT: REPLACEMENT OF KEY PERSONNEL & NON-COMPLIANCE WITH LABOR
MANAGEMENT PROCEDURES**

It has been observed that today, without any prior notice or approval, two key personnel of Contractor, Environmental Specialist and HSE Engineer were replaced at the ESS World Bank meeting. This action is not acceptable, as the replacement of key staff requires formal notification and prior approval from the Supervision Consultant. This constitutes a breach of the Labor Management Procedures and is inconsistent with the World Bank Environmental and Social Standard ESS2, which requires transparent, fair, and compliant labor management, including proper documentation and approval of any changes to key project personnel.

You are therefore directed to submit the required formal documentation immediately until such approval is granted, the introduced personnel shall not be considered officially accepted for the assigned roles. However, as per WB the newly introduced personnel should not be removed from the site; they may remain and continue to work only as interns or assistants until a formal decision is issued.

You are further advised to ensure strict adherence to all LMP requirements, CESHSMF provisions, and contractual obligations. Any further deviation will be treated as non-compliance and addressed according to the contract conditions.

regards


Engr. Khalid Aziz
Sr. Resident Engineer SOP-II

Copy to:

KWSSIP, KW&SC

i. Project Director

ii. Project Manager K-IV Augmentation PIU

iii. Contract Manager 2.7 KM PIU

iv. Environmental Specialist / Gender Specialist / Social Specialist

SEURECA-NESPAK (JV)

i. Team Leader

ii. Project Manager SOP-II



SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
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SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  

FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-III/ 00150

Dated: December 10, 2025

Authorized Representative

M/S SMS-CHEC (JV)

House No B-48, Block-T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: Sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Project: COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

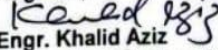
Subject: ESS Non-compliance & Unavailability of Contractor's ESS Staff at Project Site

This is with reference to the Site Visit of World Bank Team of project site dated December 09, 2025 wherein serious concerns were raised by the WB Team on gross non-compliances regarding implementation of ESS requirements. Furthermore, your approved HSE Officer as well as Environmental Expert was not available at site during the said visit. Reportedly, they have resigned from services and the firm has not submitted CVs of the said positions for approval as replacement till to-date.

Subsequently, a progress review meeting on the subject work was held at the Committee Room of the Chairman, KW&SC Office attended by the CEO-KW&SC, Project Director KWSSIP, World Bank Technical as well as ESS Team wherein the serious ESS non-compliances were discussed. Based on the instructions of the World Bank Team, Project Director/ The Employer has directed to immediately stop the work at site till the complete fulfilment of ESS requirements as per provisions of Contract.

In view of above, you are advised to **stop the work at site with immediate effect** while cordoning off all the working area with barricades/ sheets. Immediately fulfill all ESS requirements in accordance with the approved CESMP plan, Bill No. 3 of BOQ (Vol-1, Prime Document), Contract Clause-4.8 (GCC read with PCC) including deployment of complete ESS staff approved by the consultant. The contractor shall inform to The Engineer/ Project Manager in writing after fulfilling all the ESS requirements and resumption of work shall only be allowed when all requirements of contract are fulfilled by the contractor.

Regards,



Engr. Khalid Aziz

Sr. Resident Engineer SOP- II

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager-KIV Augmentation
- iii. Contract Manager – 2.7 KM
- iv. E&S Team- PIU

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

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CONSULTANTS

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FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/ 00154

Dated: December 10, 2025

Authorized Representative

M/S SMS-CHEC (JV)

House No B-48, Block-T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: Sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Project: COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

Subject: Work Stoppage --- Safety Measures at Project Site

Refer to letter No 4981/11/SRE/01/SOP-II/ 00150 dated 10th Dec,2025 regarding the immediate work stoppage instruction issued due to critical ESS non-compliances, you are hereby given the following mandatory and urgent directives for immediate response.

1. Immediate Backfilling

You must immediately backfill all open trenches and excavations across the entire project site. This is essential to mitigate severe public safety risks resulting from the halted work.

2. Site Security

You must ensure the rigorous safety and security of the entire cordoned-off working area:

- Ensure all barricades and barriers are stable, intact, and highly visible.
- Take all measures to prevent unauthorized entry.
- Deploy adequate flagman, visible signage and lighting/reflective markers for nighttime safety, especially around backfilled areas.

Compliance with these backfilling and security instructions is mandatory for public safety and must be completed without delay.

Submit a confirmation of compliance to The Engineer/Project Manager & ESS PIU immediately upon completion.

Regards,


Engr. Khalid Aziz
Sr. Resident Engineer SOP- II

Copy to:

KWSSIP, KW&SC

- Project Director
- Project Manager-KIV Augmentation
- Contract Manager – 2.7 KM
- E&S Team- PIU

SEURECA-NESPAK (JV)

- Team Leader
- Project Manager SOP-II



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SEURECA – NESPAK Joint Venture
CONSULTANTS

O/C
SEURECA  VEOLIA



FOR
K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/ 00156

13/12/25
Dated: December 13, 2025

Authorized Representative

M/S SMS-CHEC (JV)

House No B-48, Block-T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: Sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Project: COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

SUBJECT: Submission Of Updated OHS Plan & Revised Safe Work Methodology

With reference to the meeting with WB and their observations regarding the non-compliances, you are hereby advised to submit an updated OHS Plan demonstrating safe working practices at the site, including the revised Safe Work Methodology on urgent basis, as pursuant to GCC/PCC Sub-Clause 4.8 and Sub-Clause 6.7, without fail.

Regards,

Khalid Aziz

Engr. Khalid Aziz

Sr. Resident Engineer SOP- II

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager-KIV Augmentation
- iii. Contract Manager – 2.7 KM

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II



SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00159

Dated: Dec 15, 2025

Project Director

Karachi Water & Sewerage Service Improvement Project (KWSSIP)

Project Implementation Unit (PIU)

Karachi Water & Sewerage Corporation (KW&SC)

40/G-1, Street-40, Block-6, PECHS, Karachi, Tel: +92-21-99330279

COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

Subject: Resume of Contractor's Environmental & OHS Specialist

Please find enclosed the resume of Contractor's Environmental and OHS specialists duly reviewed and found satisfactory by our ESS team. This is for your kind information and further necessary action.

Regards,


Engr. Khalid Aziz
(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Manager (K-IV Augmentation)
- ii. Contracts Manager (K-IV Augmentation)
- iii. EH&S Team PIU

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

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NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

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SEURECA  VEOLIA



FOR
K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00161 *16/12/25*

Dated: Dec 15, 2025

M/s SMS-CHEC (JV)
House No. B-48, Block T, North Nazimabad, Karachi
Telephone: +92-21-36632151
Email: sherjanmooseakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

Subject: Mandatory documentation regarding temporary and permanent construction waste disposal

This refers to your letter SMS-JV-CHEC/25/81 dated 10th Dec, 2025, we are writing with reference to the mandatory documentation requirements outlined in your Approved Waste Management Plan (CESHSMP page 14) and in accordance with established World Bank guidelines. As per these stipulations, it is essential that all relevant documentation concerning the collection, transportation, and final disposal of construction waste at the designated dumping site be provided to our office.

We do acknowledge the operational constraint raised in your recent communication regarding the restriction on the movement of heavy transportation equipment during daylight hours. While we understand this challenge, it remains a mandatory requirement that you secure and submit the necessary No-Objection Certificates (NOCs) from the relevant authorities. These NOCs are specifically required for the planned temporary dumping site at Aziz Bhatti Park as well as for the final disposal at the Jam Chakro site, as detailed in your approved plan.

Therefore, we request that you urgently arrange and submit these official clearances at the earliest opportunity. In addition to the NOCs, please also provide the following records:

- Calculation of excavated earth volume up to the current date.
- Comprehensive disposal records for the excavated material, detailing the number of trips made to both the temporary and permanent designated disposal areas.

ves

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SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  VEOLIA



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-III/ 00162

Dated: December 18, 2025

Authorized Representative

M/S SMS-CHEC (JV)

House No B-48, Block-T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: Sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Project: **COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.**

SUBJECT : Mandatory Requirements For Re-Opening Site Work

This is to inform you that for the reopening of the work site, full compliance with the measures outlined below is mandatory. All required measures must be fully implemented prior to reopening. On-site verification will be conducted to confirm compliances, and all relevant supporting documents must be submitted as evidence.

Site Safety, Lighting, and Access Control

1. Complete site cordoning using cement barricades with metal sheets installed above, with a minimum height of 7 feet.
2. Provision of barricades along all open trench sections.
3. Provision of adequate night-time safety lighting along the entire work corridor, including open trenches, access points, and bridge sections.
4. Provision of standard ladders for safe access and egress.
5. Provision of additional trench box supported by valid ultrasonic testing report.
6. Provision of entry and rescue equipment.
7. Complete cordoning of the affected bridge section.
8. Equipment for atmospheric testing

Bridge Safety and Restoration

9. Submission of bridge repair procedures for review and onward sharing with the World Bank.

Excavation and Trench Safety

10. Implementation of an appropriate trench protection system.
11. Submission of revised method statements.
12. Submission of a Comprehensive Excavation Plan / Safe Work Method Statement (SWMS) for approval prior to commencement of work, covering:
 - Soil classification
 - Protective system design
 - Identification of utilities
 - Dewatering plan
 - Emergency Preparedness and Response Plan (EPRP)
 - Rescue team contacts and procedures, clearly displayed on site

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SEURECA – NESPAK Joint Venture
CONSULTANTS
FOR
K-IV AUGMENTATION WORKS

SEURECA  

Ref: 4981/11/SRE/01/SOP-II/ 00162

Dated: December 18, 2025

Spoil and surcharge management, ensuring:

- Excavated material and heavy equipment are maintained at least 0.6 m (2 ft) from the excavation edge
- Submit Updates to the ESIA and C-ESMP, including the Material Storage Plan and Waste Management Plan

14. Assessment of impacts from vibratory compaction, crane movement, and vehicle traffic, with clearly demarcated and monitored exclusion zones.

15. For deep excavations extending over multiple days, implementation of:

- Daily wall movement checks
- Settlement markers
- Crack gauges
- Continuous monitoring of shoring systems

Cave-In, Falling Material, and Confined Space Protection

16. Cave-In protection, designed and certified by a Registered Professional Engineer (PE), installed and verified prior to any worker entering excavations exceeding 1.5 m depth, strictly in accordance with the PE's stamped design.

17. Falling materials protection, including:

- Mandatory use of hard hats
- Edge protection measures (toe boards or trench box extensions)

18. Access and egress arrangements, ensuring:

- Safe ladders or ramps are provided
- No worker travels more than 7.62 m (25 ft) laterally to reach a safe exit

19. Atmospheric testing, with the excavation treated as a confined space, including:

- Pre-entry and continuous air monitoring
- Availability of required monitoring equipment

Please note that for Re-commencement of works shall only be permitted upon verification and acceptance of the submitted documentation (approved plans, reports, inspection records, certifications, and photographs) by consultant ESS team as well as PIU ESS team.

Your cooperation in ensuring full compliance and timely submission is appreciated.

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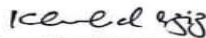
SEURECA – NESPAK Joint Venture
CONSULTANTS
FOR
K-IV AUGMENTATION WORKS

SEURECA  

Ref: 4981/11/SRE/01/SOP-II/ 00162

Dated: December 18, 2025

Regards,



Engr. Khalid Aziz
(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP_KW&SC

- i. Project Director
- ii. Project Manager-KIV Augmentation
- iii. Contract Manager – 2.7 KM

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00165

Dated: Dec 22, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

Subject: Contractor's revised Safe work method statement for Pipe Trench Excavation

This refers to your letter SMS-JV-CHEC/25/87 wherein you submitted revised Safe Work Method statement for pipe trench excavation.

It is hereby noted that you have included certain items in Method Statement which are not relevant to the current submission requirement and hence you are instructed to revise and resubmit the Method Statement only pertaining to the Pipe trench excavation and in line with your previous submissions including the approved side sloping cross section.

This is for your kind information and urgent necessary action.

Regards,


Engr. Khalid Aziz
(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager (K-IV Augmentation)
- iii. Contracts Manager (K-IV Augmentation)
- iv. EH&S Team PIU

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00168

Dated: December 24, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

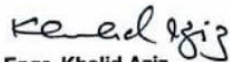
COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.

SUBJECT: SUBMISSION OF ENVIRONMENT, SOCIAL, SAFETY & HEALTH (ESSH) MONTHLY
PROGRESS REPORT – NOVEMBER 2025

With reference to the above subject, we would like to inform you that the Environment, Social, Safety & Health (ESSH) Monthly Progress Report for November 2025 has not yet been received and is required to be submitted on an urgent basis. The report must include all relevant data covering both the Pre-Construction and Construction phases.

Please be reminded that it is the Contractor's primary responsibility to submit the ESSH Monthly Progress Report no later than the 5th of every month.

Your immediate attention and prompt compliance with this requirement are highly appreciated.



Engr. Khalid Aziz
(Sr. Resident Engineer SOP-2)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager PIU
- iii. Contract Manager PIU
- iv. Environmental Specialist/ Gender Specialist/ Social Specialist

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-2

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NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS

SEURECA  **VEOLIA**



FOR

K-IV AUGMENTATION WORKS

Ref: 4981/11/SRE/01/SOP-II/00169

Date: December 24, 2025

M/s SMS-CHEC (JV)

House No. B-48, Block T, North Nazimabad, Karachi

Telephone: +92-21-36632151

Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT – 2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION
MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE**

SUBJECT: QUARTERLY ENVIRONMENTAL MONITORING

With reference to the approved Construction Environmental, Social, Health and Safety Management Plan (CESHSMP) and the contractual environmental compliance requirements outlined under Clause 3.5, Page 45 of the CESHSMP, and BOQ Section 04-B1, Page 110, we hereby inform you that the **1st Quarter Environmental Monitoring** for the above-mentioned project is scheduled to be conducted in accordance with the approved Environmental Monitoring Plan. In this regard, which shall include all required environmental parameters, approved monitoring locations as per CESHSMP, and compliance with the specified monitoring duration and methodology, including 24-hour continuous monitoring where applicable.

The monitoring will be carried out through an approved third-party from SEPA, and the complete quarterly monitoring report will be submitted for review and approval upon completion.

Your kind acknowledgment in this regard will be highly appreciated.

regards


Engr. Khalid Aziz
Sr. Resident Engineer SOP-II

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager PIU
- iii. Contract Manager PIU
- iv. Environmental Specialist / Gender Specialist / Social Specialist

SEURECA–NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SEURECA Office: 30 rue Madeleine Vionnet, 93300 Aubervilliers – France
NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

SEURECA – NESPAK Joint Venture
CONSULTANTS
FOR
K-IV AUGMENTATION WORKS

SEURECA  **VEOLIA** 

Ref: 4981/11/SRE/01/SOP-II/00175

Dated: Dec 28, 2025

M/s SMS-CHEC (JV)
House No. B-48, Block T, North Nazimabad, Karachi
Telephone: +92-21-36632151
Email: sherjanmoosakhailsons@gmail.com, info@smsconstruction.pk

Attention: Mr. Mirza Khan, Authorized Representative

**COMMON CORRIDOR WITH KBRT-2.7 KM FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCE FOR 96" & 72" DIA PIPELINE.**

Subject: **Submission of Revised Method Statement for Pipe Trench Excavation**

This is with reference to your letter SMS-JV-CHEC/25/91 dated December 24, 2025. We would like to offer the following clarifications to ensure a mutual understanding of the project requirements:

1. Please note that the submitted methodology for 1:0.3 sloping was formally approved on November 26, 2025. At the time of this approval, 11 sections of 96" diameter pipes had already been successfully laid at a depth of 18 feet. Therefore, the approval was granted with full consideration of the prevailing site conditions. We would like to emphasize the importance of maintaining strict compliance with this approved methodology moving forward.
2. Regarding your method statement submitted vide your letter SMS-JV-CHEC/25/87, returned with comments via our letter 4981/11/SRE/01/SOP-II/00165 dated December 22, 2025, we would like to reiterate the primary reasons for its non-approval:
 - The inclusion of dewatering claims within the technical method statement is not appropriate, as it is irrelevant to the technical procedures of this specific submission.
 - The use of A-3 sand material for backfilling is not currently part of the scope for pipe trench excavation and has not yet been materialized.
 - Any temporary support systems should only be incorporated if deemed necessary and specifically instructed by the Engineer; therefore, they cannot be included as a standard part of this Method Statement.

We remain committed to the progress of the works and kindly request that you revise and resubmit the Method Statement in accordance with the comments provided. We look forward to receiving your updated submission for our review and approval.

kas.

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NESPAK Office: NESPAK House, 1-C, Block N, Model Town Extension, Lahore 54700

 CamScanner

SEURECA – NESPAK Joint Venture
CONSULTANTS
FOR
K-IV AUGMENTATION WORKS

SEURECA  **VEOLIA** 

Ref: 4981/11/SRE/01/SOP-II/00175

Dated: Dec 28, 2025

We look forward to your prompt cooperation in this regard.

Regards,

Engr. Khalid Aziz
(Sr. Resident Engineer SOP-II)

Copy to:

KWSSIP, KW&SC

- i. Project Director
- ii. Project Manager (K-IV Augmentation)
- iii. Contracts Manager (K-IV Augmentation)
- iv. ES&H Team PIU

SEURECA-NESPAK (JV)

- i. Team Leader
- ii. Project Manager SOP-II

SITE INSTRUCTION NOTES OCTOBER 2025

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AUGMENTATION WORKS

**COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

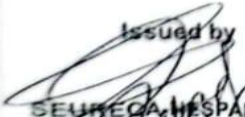
SITE INSTRUCTION NOTE

Ref: _____

Date: 18-10-25

During site visit the following safety compliance issues
were observed.

- ① Lack of PPE → Labor was found working without the PPE, which is a serious safety violation.
- ② Absence of safety signs → No safety signs were present on site
- ③ Assembly Point The Assembly point not located on site.
- ④ Barricade of Cross Pit. The Cross pit on site is not properly barricaded, posing a fall risk to workers and visitors.
- ⑤ Septic Tank not properly covered. Creating both safety and hygiene hazard.
- ⑥ Contractor has no Eng. Eng.

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Nespak.

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18/10/25



COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE

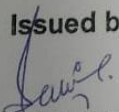
SITE INSTRUCTION NOTE

Ref: _____

Date: 11-10-25

During site visit it is observed that before starting
construction work following items are required to be
at construction site (1) GEM Box (2) GEM Banner at site
(3) ^{Washroom with} Availability of water (4) GEM forms (5) Project visibility
board (6) traffic Safety sign (7) Complete PPE's
(8) Traffic Cones (9) Flag man (10) Hard berigades
(11) Scaff folding 20 feet Pipe (12) Phamphlet (Project info,
traffic diversion & GEM) (13) (Fire extinguisher ~~ABC~~ ABC)

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SITE INSTRUCTION NOTES NOVEMBER 2025

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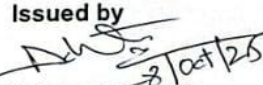
**COMMON CORRIDOR WITH KBRT 2.7km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: 01 NOV 25

Date: 8 November 2025

- During site visit of PIU^{Team} On 5 Nov 2025 It was observed
that ① there is no proper septic tank as per
standard. kindly do the needful. ② Proper record
of handling of ~~the~~ solid waste as per CESHSMP ③
Contract letters of all workers of Contractor Staff at
Camp site ④ CRM Standees ^{and Complaint box} at pipe stacking site ⑤
● traffic signages (safety) ⑥ Environmental Specialist
is also not hired.

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**COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: 03 NOV 25

Date: 9-11-25

During the site visit at Ky augmentation site
the ESS team discussed the following safety instructions
with the PM. of SMS.

1- All labor must wear PPEs.

2. The excavated area should be properly barricade
using scaffolding pipes to prevent the incident.

3. Emergency number should be place prominently
at excavated site.

4 Green net should be installed around the
the excavated area.

5- Flaggerum should be deployed one on each site

6 - ^{Issued by} two fire extinguisher should be available at site. ^{Received by}

7 Additional sign should be display on site.

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09/11/25


09/11/25

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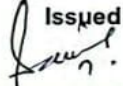
COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE

SITE INSTRUCTION NOTE

Ref: 02 NOV25

Date: 9-11-2025

- It was observed today during site visit following ESS Compliance are required. ① Safety & traffic warning signs are partially displayed ② No reflection paint applied on hard barricades ③ No security personal. ④ Incomplete PPE's ⑤ Machine operator's licence & third party competency cards not available ⑥ Earth moving machinery lacks valid third party certification ⑦ No drinking water cooler available at site. ⑧ No rest shelter for workers ⑨ No washroom facility ⑩ No wastebins provided ⑪ ERM sign board & complaint box not displayed.

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TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE

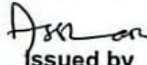
SITE INSTRUCTION NOTE

Ref: 04 NOV 25

Date: 11-11-25.

Yesterday visit couple of Environmental risks were observed

- ① Dust (water sprinkling required immediately to minimize airborne dust.
- ② Flora protection (Gently wash the leaves; heavily dusted plants to restore their health.
- ③ Equipment properly maintain that is emitting black smoke.
- ④ Emission policy (NO Engine idling when Equipment is not in use
- ⑤ NO tree damage during excavation or any other activity.
- ⑥ Installed Signboards (Safety & Closure Information) on both sides of the road & working area as well
- ⑦ NO night activity carried out with making arrangements of Inclusion of Plan CESMP.


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**COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: 06NOV25

Date: 12-11-25

During today's visit (12-NOV-25), Several Serious Safety Non-compliances were observed.

① workers were found sitting under stacked pipes.

② Sewerage and water connections were damaged.

during excavation ③ An electric light pole has fallen into the excavation pit. Immediate removal is required, as this is a live line (as discussed with the site HSE personnel).

④ Hard barricades are required ⑤ Penetrating must be carried out before commencing any work. Immediate corrective action

is required from the Contractor at the to address the Safety Issues.

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**COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: OSNOV25

Date: 12-11-25

- During field visit it was observed that ^① workers are sitting under stacked pipes ^② water & sewerage connection are damaged ^③ electric light pole has fallen ^④ Hand barricades required around excavation / trench area ^⑤ Flag men should be deputed both sides as pedestrian walks are ongoing ^⑥ Safety & traffic signages ^⑦ CRM box availability or visibility required ^⑧ water sprinkling ^⑨ trees inventory record ^⑩ Daily basis noise monitoring on app. ^⑪ Dewatering must be carried out

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**COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: 07 NOV 25

Date: 13-11-25

During today's site visit the SC & ESS team
observed several serious non-compliances.

- ① No proper entrance or exit has been provided at
excavated/trench area
- ② No hard barricades installed
around the excavated/trench area
- ③ Excavated material
(soil) has been improperly stored on-site, and trees
and plants are buried under excavated soil
- ④ community
CRM box not available at site.

Your immediate and prompt action is required to
address these Non-Compliances.

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TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

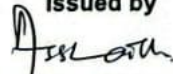
SITE INSTRUCTION NOTE

Ref: 08 NOV 25

Date: 14-11-25

During today's visit the SC, ESS team observed several
Serious non-compliances at the active construction site

- ① NO proper entrance or exit has been provided at the excavated/trench area
- ② NO hard barricades are installed around excavated/trench area
- ③ workers were present at site without PPE's
- ④ Inappropriate fire extinguishers found at site
- ⑤ Equipment (Dewatering pump) has not been inspected
- ⑥ Unused cables were found near excavated area
- ⑦ oil spill patches were observed on the ground near earth moving machinery (excavated and crane)
- ⑧ Excavated material (soil) has been improper stored and trees/plants are buried under soil
- ⑨ complaints register not available at site.

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**COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: 09 NOV 25

Date: 17-11-25

During today's visit 17/11/25, the SC ESS team observed several serious non-compliance
at the active construction site. the following issues required your urgent attention

- ① General public was observed trespassing within the active construction site.
- ② The excavator operator did not possess a valid license or third party operator card.
- ③ The dumper driver did not have valid driving license or CNIC on site.
- ④ No proper entrance or exit has been provided for excavated / trench egress zone.
- ⑤ Hard barricaded were not installed around the excavated trench.
- ⑥ Workers were found with PPE's at site
- ⑦ Inappropriate fire extinguishers were found at site.
- ⑧ Material were not properly stacked
- ⑨ Material were placed inside 96" dia pipe, which is unsafe and non-compliance.
- ⑩ Excavated soil was improperly stored, and nearby trees/plants were buried under the soil material.
- ⑪ Pipe were stacked on the nullah posing a risk of damaging the drain.
- ⑫ A community complaints box were not available at site which is required for CRM.
- ⑬ PAs data collection has not yet been completed. Your immediate and prompt action is required to rectify these non-compliance and ensure site safety and Environment compliance

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**COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: 10NOV25.

Date: 19-11-25.

During today's visit 19th 11th 25 the SC,

ESS team observed Non-compliance regarding

① Excavated material stored near Under University

backside gate and Under Nipa flagpole on

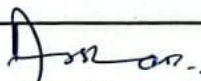
Temporary basis as discussed with HSE team

member of Contractor side. ② waste storage

at Aziz Bhatti park without any documentation

③ watering on trees & water sprinkling to minimized

or control dust particles.



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COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72" Ø PIPELINE

SITE INSTRUCTION NOTE

Ref: 10 NOV 25

Date: 19-11-25

- To days observations
- (1) NO proper access or egress has been provided for workers at site the excavated/trench area.
 - (2) NO hard barrier cables are installed around the trench to prevent fall
 - (3) workers were found without PPE's
 - (4) Inappropriate / Insufficient fire extinguisher were observed at site
 - (5) The Generator is placed too much close to trench creating additional hazards.
 - (6) A worker was found working inside the excavation without showing bracing, trench box, or proper shoring/benching exposing them to the risk of cave-in
 - (7) A worker was seen sitting on a pipe inside the excavation within the operating range of the excavator, and without mandatory PPE's.
 - (8) Excavated material (soil) has been improperly stored, and nearby trees/plants have been buried under the spoil material.
 - (9) Community Complaint box (CRM) box is not available at the active site.
 - (10) Green visibility boards/signages, are missing on the

both sides of the activity area. Your immediate corrective action is required

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**COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: 12-Nov-25

Date: 20-11-25

During the site visit, the following instructions were given.

1. To welding Supervisor. Mr Khalid Sb. was advised not to carry out any work without proper shoring due to the risk of land sliding.
2. Discussion with PM SMS. was instructed to back fill the trench with gravel and to avoid unnecessary movement of loader at site.
3. To the dewatering supervisor. was instructed to ensure that dewatering is performed properly.
4. The safety officer SMS. was advised to remain vigilant at site and to issue by restrict unnecessary movement of person in the work area.

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**COMMON CORRIDOR WITH KBRT 2.7Km FROM NIPA TO HASSAN SQUARE
TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: 11/NOV/25

Date: 20-NOV-25

During today's visit 20-NOV-25 the SC and ESS team observed several serious observations. ① Excavated material (soil and asphalt) are not properly stored under Nipa bridge and some of this material has started spilling on to the road additionally no documentation for this material was available. ② A worker was found working inside the excavation without mandatory PPE's and without shoring, bracing, trench boxes, or proper sloping exposing them to high risk of a cave-in. ③ Multiple workers were present on site without PPE's. ④ No hard barricades have been installed around the excavation/trench to prevent falls or unauthorized access. ⑤ Inadequate and insufficient fire extinguishers were observed at the site, specially near the welding area. ⑥ The generator is placed dangerously close to the excavation/trench, creating additional safety hazard. ⑦ Excavated material (soil) has been improperly stored at the end street of FULAST and around nearby trees/plants which have been partially covered or damaged by soil material. ⑧ The community complaint box (CRM) box not available at the active site. ⑨ CRM visibility

board signs are missing on both sides of the activity area. Immediate corrective actions are required.

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SITE INSTRUCTION NOTES DECEMBER 2025

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TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: ~~XXXXXXXXXX~~

Date: 01-12-25

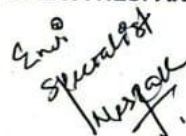
- During site visit the following instructions were given
- ① Proper Septic tank construction as per required standards.
 - ② SEPA Certified waste company must be hired for hazardous waste handling and disposal.
 - ③ Water sprinkling to control dust particles site & camp site.
 - ④ Noise level monitoring construction site & sensitive receptors along the 2.7km to measure the noise levels.
 - ⑤ Proper scaffolding installation required as this observation already instructed.
 - ⑥ Waste management practices must be adopted.

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Env.
Specialist
NESPAK


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TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: _____

Date: 03-12-25

Today's visit observations :- (01) Four flagman minimum required at every closure site. (02) Safety & CRM Signages were missing and housekeeping. Cleaning required (03) Poor housekeeping at site (04) Campsite poor housekeeping no fire Extinguisher available at site and campsite. living Standard should be improve (05) Lack of helper (manpower) to ensure ESS compliance (06) NO trench Safety (07) Reflecting on all hard barricades required (08) CRM boxes at construction site not available (09) waste disposal Inventory record & disposal location & approvals. (10) Lack of PPE's. Pictures are also attached

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TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE

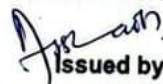
SITE INSTRUCTION NOTE

Ref: _____

Date: 03-12-25.

- Mandatory documentations and Improvements records
- (1) Drinking water reports record
 - (2) Water sprinkling to control dust particles
 - (3) Vehicles maintenance record required
 - (4) What are first aid protocols
 - (5) Medical Emergency plan
 - (6) Fire & rescue Emergency
 - (7) Excavated material Uncovered must be covered
 - (8) Poor housekeeping
 - Construction site & campsite.
 - (9) Trees protection near excavation area.

Take immediate and action required to rectify these Non-compliances and Ensure Site Safety & Environment.


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TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72"Ø PIPELINE**

SITE INSTRUCTION NOTE

Ref: _____

Date: 6-12-25

- During site visit following observation observed.
- 1- Submersible pump used for dewatering with worker in close proximity electrical hazard.
 - 2 worker operating without required PPEs. Physical injury.
 3. Trench not properly barricaded fall hazard.
 - 4 Electrical wire laid on ground in the working area tripping hazard.
 - 5 electrical wire is not properly secured. electrical tap used.
 6. worker perform work without Gloves.
 - 7 SMS labor and excavator damage the plant near utilities.


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Annexure F: Environmental Monitoring Lab Reports

Drinking Water Lab Results


Ducom
 Analysis, Measure, Calibrate

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 ducompakistan.com.pk


Drinking Water Analysis Report

Sample Information:			
Lab Report No	DLR-674-C	Analytical Type	Drinking Water Analysis Report
Sample Nature	Environmental Test	Company Name	Sherjan Mosakhail & Sons – JV-China Harbour Engineering Co.
Sample Type	Grab	Project Location	K4 Augmentation Work Package "Common Corridor With KBRT2.7KM From NIPA To Hassan Square"
Sample Location	Camp Office 24.9154796N 67.0935612E		
Sampling Date	20-Sep-25	Reporting Date	26-Sep-25

Test Report					
Parameter	Method	Unit	SEQS Limit	Result	Remarks
pH @ 25OC	APHA 4500 H+B	-	6.5-8.5	6.5	Within Limit
Odor	Organoleptic	-	Acceptable	Acceptable	Acceptable
Color	Pt-Co Method	TCU	≤15	5	Within Limit
Taste	Organoleptic	-	Acceptable	Acceptable	Acceptable
Total Hardness as CaCO3	ASTM D-1126	mg/l	500	110	Within Limit
Total Dissolved Solids	APHA 2540 C	mg/l	1000	364	Within Limit
Turbidity	Nephelometric	NTU	≤5	BDL	Within Limit
Chloride	ASTM-D512	mg/l	≤250	149	Within Limit
Chlorine, Residual	HACH-8021	mg/l	0.2 - 0.5	0.31	Within Limit
Fluoride	HACH-8029	mg/l	≤1.5	BDL	Within Limit
Nitrate	HACH-8039	mg/l	≤0.5	0.21	Within Limit
Nitrite	HACH-8507	mg/l	≤3	0.05	Within Limit
Alkalinity	ASTM-D1067	mg/l	NoGL	145	NoGL
Aluminium	Lovibond-40	mg/l	≤0.2	ND	Within Limit
Antimony	ASTM D-3697	mg/l	≤0.005	ND	Within Limit
Arsenic	Palintest-Kit	mg/l	≤0.05	ND	Within Limit
Barium	ASTM D-4382	mg/l	0.7	ND	Within Limit
Boron	Lovibond-85	mg/l	0.3	0.02	Within Limit
Cadmium	Lovibond-87	mg/l	0.01	ND	Within Limit
Chromium	HACH-8024	mg/l	≤0.05	0.01	Within Limit
Copper	Lovibond-349	mg/l	2	ND	Within Limit
Cyanide	Lovibond-156	mg/l	≤0.05	ND	Within Limit
Lead	Lovibond-232	mg/l	≤0.05	ND	Within Limit
Manganese	Lovibond-242	mg/l	≤0.5	ND	Within Limit
Mercury	Kit-Method	mg/l	≤0.001	ND	Within Limit
Nickel	Lovibond-255	mg/l	≤0.02	ND	Within Limit
Selenium	APHA 3500 Se	mg/l	0.01	BDL	Within Limit
Zinc	Lovibond-400	mg/l	5	0.04	Within Limit
Phenols	HACH-8047	mg/l	≤0.002	ND	Within Limit
Total Coliform	APHA 9222 B	cfu	0 CFU/100ml	ND	Within Limit
Faecal Coliform	APHA 9222 D	cfu	0 CFU/100ml	ND	Within Limit
E-Coli	APHA 9222 D	cfu	0 CFU/100ml	ND	Within Limit

NOTE:
The results are based on South 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. Company is not responsible for any query if sample is given by Client. Report is just valid for given sample. NoGL= No Guidelines



Report Responsibility		
Analysed, Chemist	Reviewed, Sr. Chemist	Approved Lab. Head
MWE	NM	SEA



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Drinking Water Analysis Report

Sample Information:

Lab Report No	DLR-674-A	Analytical Type	Drinking Water Analysis Report
Sample Nature	Environmental Test	Company Name	Sherjan Mosakhall & Sons – JV-China Harbour Engineering Co.
Sample Type	Grab	Project Location	K4 Augmentation Work Package "Common Corridor With KBRT2.7KM From NIPA To Hassan Square"
Sample Location	Hunza Ro Water 24.9123632N 67.0881142E		
Sampling Date	20-Sep-25	Reporting Date	26-Sep-25

Test Report

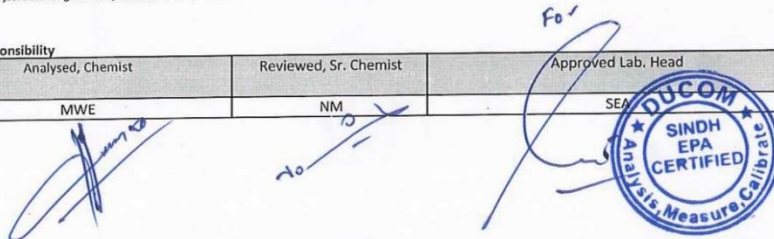
Parameter	Method	Unit	SEQS Limit	Result	Remarks
pH @ 25OC	APHA 4500 H+B	-	6.5-8.5	6.5	Within Limit
Odor	Organoleptic	-	Acceptable	Acceptable	Acceptable
Color	Pt-Co Method	TCU	≤15	4	Within Limit
Taste	Organoleptic	-	Acceptable	Acceptable	Acceptable
Total Hardness as CaCO3	ASTM D-1126	mg/l	500	121	Within Limit
Total Dissolved Solids	APHA 2540 C	mg/l	1000	342	Within Limit
Turbidity	Nephelometric	NTU	<5	BDL	Within Limit
Chloride	ASTM-D512	mg/l	<250	135	Within Limit
Chlorine, Residual	HACH-8021	mg/l	0.2 - 0.5	0.21	Within Limit
Fluoride	HACH-8029	mg/l	≤1.5	BDL	Within Limit
Nitrate	HACH-8039	mg/l	≤0.5	0.19	Within Limit
Nitrite	HACH-8507	mg/l	≤3	0.05	Within Limit
Alkalinity	ASTM-D1067	mg/l	NoGL	145	NoGL
Aluminium	Lovibond-40	mg/l	≤0.2	ND	Within Limit
Antimony	ASTM D-3697	mg/l	≤0.005	ND	Within Limit
Arsenic	Pallintest-Kit	mg/l	≤0.05	ND	Within Limit
Barium	ASTM D-4382	mg/l	0.7	ND	Within Limit
Boron	Lovibond-85	mg/l	0.3	0.03	Within Limit
Cadmium	Lovibond-87	mg/l	0.01	ND	Within Limit
Chromium	HACH-8024	mg/l	≤0.05	0.01	Within Limit
Copper	Lovibond-149	mg/l	2	ND	Within Limit
Cyanide	Lovibond-156	mg/l	≤0.05	ND	Within Limit
Lead	Lovibond-232	mg/l	≤0.05	ND	Within Limit
Manganese	Lovibond-242	mg/l	≤0.5	ND	Within Limit
Mercury	Kit-Method	mg/l	≤0.001	ND	Within Limit
Nickel	Lovibond-255	mg/l	≤0.02	ND	Within Limit
Selenium	APHA 3500 Se	mg/l	0.01	BDL	Within Limit
Zinc	Lovibond-400	mg/l	5	0.04	Within Limit
Phenols	HACH-8047	mg/l	<0.002	ND	Within Limit
Total Coliform	APHA 9222 B	cfu	0 CFU/100ml	ND	Within Limit
Feacal Coliform	APHA 9222 D	cfu	0 CFU/100ml	ND	Within Limit
E-Coli	APHA 9222 D	cfu	0 CFU/100ml	ND	Within Limit

NOTE:

The results are based on Sindh 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. Company is not responsible for any query if sample is given by Client. Report is just valid for given sample. NoGL= No Guidelines

Report Responsibility

Analysed, Chemist	Reviewed, Sr. Chemist	Approved Lab. Head
MWE	NM	SEA



Handwritten signatures and stamps are present over the Report Responsibility table. A circular blue stamp reads "DUCOM SINDH EPA CERTIFIED Analysis, Measure, Calibrate".

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Ambient Air lab Results



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Analysis Report

Sample Information:

Lab Report No	DLR-672-B	Analytical Type	Ambient Air Quality
Sample Commodity	Environmental Test	Company Name	Sherjan Mosakhail & Sons – JV-China Harbour Engineering Co.
Sample Type	Outdoor 24 hours	Project Location	K4 Augmentation Work Package "Common Corridor With KBRT2.7KM From NIPA To Hassan Square"
Sample Location	Hassan Square Bridge 24.90126N 67.07307E		
Sampling Date	21-Sep-25	Reporting Date	24-Sep-25

Air Quality Test

Sr.#	Date	Time	CO mg/m ³	SO ² ug/m ³	NO ug/m ³	NO ² ug/m ³	SPM ₁₀ ug/m ³	PM ₁₀ ug/m ³	PM _{2.5} ug/m ³
1	21-09-2025	12:00 PM	0.2	0.2	8.1	12.2	122	71	39
2	21-09-2025	1:00 PM	0.1	0.1	9.2	16.2	129	79	41
3	21-09-2025	2:00 PM	0.2	0.3	8.6	14.3	134	81	48
4	21-09-2025	3:00 PM	0.3	0.2	6.8	16.5	126	79	39
5	21-09-2025	4:00 PM	0.1	0.4	9.8	11.2	119	69	46
6	21-09-2025	5:00 PM	0.1	0.1	9.2	10.1	129	72	42
7	21-09-2025	6:00 PM	0.3	0.1	7.4	16.1	136	59	47
8	21-09-2025	7:00 PM	0.2	0.2	7.2	18.6	119	71	51
9	21-09-2025	8:00 PM	0.1	0.1	5.3	11.2	131	65	58
10	21-09-2025	9:00 PM	0.2	0.4	8.3	15.3	134	51	52
11	21-09-2025	10:00 PM	ND	0.3	6.7	11.2	129	53	49
12	21-09-2025	11:00 PM	ND	0.1	5.2	14.6	147	51	41
13	21-09-2025	12:00 AM	ND	0.1	8.1	15.2	136	58	46
14	22-09-2025	1:00 AM	ND	ND	8.6	15.6	129	61	49
15	22-09-2025	2:00 AM	ND	ND	6.9	19.6	145	68	53
16	22-09-2025	3:00 AM	ND	ND	6.3	14.6	122	73	57
17	22-09-2025	4:00 AM	ND	ND	7.2	12.5	156	61	61
18	22-09-2025	5:00 AM	ND	ND	5.3	11.2	146	59	58
19	22-09-2025	6:00 AM	0.1	ND	5.1	15.3	198	51	49
20	22-09-2025	7:00 AM	0.1	ND	6.2	16.9	154	59	51
21	22-09-2025	8:00 AM	0.2	0.1	6.3	14.6	201	121	49
22	22-09-2025	9:00 AM	0.1	0.1	1.5	16.5	145	97	55
23	22-09-2025	10:00 AM	0.2	0.2	5.6	16.9	214	101	51
24	22-09-2025	11:00 AM	0.1	0.2	9.6	19.5	151	121	59
MIN			0.1	0.1	1.5	10.1	119	51	39
MAX			0.3	0.4	9.8	19.6	214	121	61
Average			0.1	0.1	7.0	14.8	143.8	72.1	49.6
SEQS Limit			5	120	40	80	500	150	75

Note:

SEQS- Sindh Environmental Quality Standards, ND- Not Detected. This instrument 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 measurements results based on the time monitoring.

Report Responsibility

Analysed, Chemist	Reviewed, Sr. Chemist	Approved Lab. Head
MWE	NM	SEA



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Analysis Report

Sample Information:

Lab Report No	DLR-672-B	Analytical Type	Ambient Air Quality
Sample Commodity	Environmental Test	Company Name	Sherjan Mosakhail & Sons – JV-China Harbour Engineering Co.
Sample Type	Outdoor 24 hours	Project Location	K4 Augmentation Work Package "Common Corridor With KBRT2.7KM From NIPA To Hassan Square"
Sample Location	Hassan Square Bridge 24.90126N 67.07307E		
Sampling Date	21-Sep-25	Reporting Date	24-Sep-25

Air Quality Test

Sr.#	Date	Time	CO mg/m ³	SO ₂ ug/m ³	NO ug/m ³	NO ₂ ug/m ³	SPM ug/m ³	PM ₁₀ ug/m ³	PM _{2.5} ug/m ³
1	21-09-2025	12:00 PM	0.2	0.2	8.1	12.2	122	71	39
2	21-09-2025	1:00 PM	0.1	0.1	9.2	16.2	129	79	41
3	21-09-2025	2:00 PM	0.2	0.3	8.6	14.3	134	81	48
4	21-09-2025	3:00 PM	0.3	0.2	6.8	16.5	126	79	39
5	21-09-2025	4:00 PM	0.1	0.4	9.8	11.2	119	69	46
6	21-09-2025	5:00 PM	0.1	0.1	9.2	10.1	129	72	42
7	21-09-2025	6:00 PM	0.3	0.1	7.4	16.1	136	59	47
8	21-09-2025	7:00 PM	0.2	0.2	7.2	18.6	119	71	51
9	21-09-2025	8:00 PM	0.1	0.1	5.3	11.2	131	65	58
10	21-09-2025	9:00 PM	0.2	0.4	8.3	15.3	134	51	52
11	21-09-2025	10:00 PM	ND	0.3	6.7	11.2	129	53	49
12	21-09-2025	11:00 PM	ND	0.1	5.2	14.6	147	51	41
13	21-09-2025	12:00 AM	ND	0.1	8.1	15.2	136	58	46
14	22-09-2025	1:00 AM	ND	ND	8.6	15.6	129	61	49
15	22-09-2025	2:00 AM	ND	ND	6.9	19.6	145	68	53
16	22-09-2025	3:00 AM	ND	ND	6.3	14.6	122	73	57
17	22-09-2025	4:00 AM	ND	ND	7.2	12.5	156	61	61
18	22-09-2025	5:00 AM	ND	ND	5.3	11.2	146	59	58
19	22-09-2025	6:00 AM	0.1	ND	5.1	15.3	198	51	49
20	22-09-2025	7:00 AM	0.1	ND	6.2	16.9	154	59	51
21	22-09-2025	8:00 AM	0.2	0.1	6.3	14.6	201	121	49
22	22-09-2025	9:00 AM	0.1	0.1	1.5	16.5	145	97	55
23	22-09-2025	10:00 AM	0.2	0.2	5.6	16.9	214	101	51
24	22-09-2025	11:00 AM	0.1	0.2	9.6	19.5	151	121	59
MIN			0.1	0.1	1.5	10.1	119	51	39
MAX			0.3	0.4	9.8	19.6	214	121	61
Average			0.1	0.1	7.0	14.8	143.8	72.1	49.6
SEQS Limit			5	120	40	80	500	150	75

Note:
 SEQS- Sindh Environmental Quality Standards, ND- Not Detected. This instrument 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 measurements results based on the time monitoring.

Report Responsibility

Analysed, Chemist	Reviewed, Sr. Chemist	Approved Lab. Head
MWE	NM	SEA

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Analysis Report

Sample Information

Lab Report No	DLR-672-A	Analytical Type	Ambient Air Quality
Sample Commodity	Environmental Test	Company Name	Sherjan Mosakhail & Sons – IV-China Harbour Engineering Co.
Sample Type	Outdoor 24 hours	Project Location	K4 Augmentation Work Package "Common Corridor With KBRTZ.7KM From NIPA To Hassan Square"
Sample Location	Al Mustafa Hospital 24.90820N 67.08330E		
Sampling Date	20-Sep-25	Reporting Date	24-Sep-25

Air Quality Test

Sr.#	Date	Time	CO mg/m ³	SO ² ug/m ³	NO ug/m ³	NO ² ug/m ³	SPM ug/m ³	PM ₁₀ ug/m ³	PM _{2.5} ug/m ³
1	20-09-2025	12:00 PM	0.3	ND	9.6	11.1	115	75	14
2	20-09-2025	1:00 PM	0.1	ND	9.1	31.2	118	84	16
3	20-09-2025	2:00 PM	0.6	ND	10.2	30.3	121	82	17
4	20-09-2025	3:00 PM	0.2	ND	10.1	36.5	121	86	15
5	20-09-2025	4:00 PM	ND	0.1	11.2	31.2	125	88	19
6	20-09-2025	5:00 PM	0.4	0.2	12.2	13.1	119	80	18
7	20-09-2025	6:00 PM	0.2	0.2	12.6	56.1	118	91	16
8	20-09-2025	7:00 PM	0.6	ND	12.5	18.6	116	78	18
9	20-09-2025	8:00 PM	0.4	ND	10.2	21.2	118	79	21
10	20-09-2025	9:00 PM	ND	ND	10.5	15.3	116	81	25
11	20-09-2025	10:00 PM	0.2	ND	10.6	25.2	124	82	26
12	20-09-2025	11:00 PM	0.3	0.2	14.5	44.6	158	94	20
13	21-09-2025	12:00 AM	0.7	0.1	16.3	15.2	142	91	30
14	21-09-2025	1:00 AM	0.4	ND	15.3	15.6	156	79	40
15	21-09-2025	2:00 AM	1.0	ND	14.2	19.6	240	81	41
16	21-09-2025	3:00 AM	0.4	ND	16.2	54.6	245	99	61
17	21-09-2025	4:00 AM	0.6	0.2	12.3	42.5	239	76	19
18	21-09-2025	5:00 AM	ND	0.2	16.4	41.2	222	83	28
19	21-09-2025	6:00 AM	ND	0.1	15.1	15.3	215	79	45
20	21-09-2025	7:00 AM	ND	ND	16.4	26.9	219	94	40
21	21-09-2025	8:00 AM	0.1	ND	16.3	24.6	221	101	42
22	21-09-2025	9:00 AM	ND	ND	11.5	46.5	232	109	51
23	21-09-2025	10:00 AM	ND	ND	15.6	26.9	242	103	31
24	21-09-2025	11:00 AM	0.2	0.1	19.6	19.5	119	110	41
MIN			0.1	0.1	9.1	11.1	115	75	14
MAX			0.7	0.2	19.6	56.1	245	110	61
Average			0	0	13	28	165	87	28
SEQS Limit			5	120	40	80	500	150	75

SEQS- Sindh Environmental Quality Standards. ND- Not Detected. This instrument 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 measurements results based on the time monitoring

Report Responsibility

Analysed, Chemist	Reviewed, Sr. Chemist	Approved Lab
MWE	NM D	SS



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Analysis Report
Sample Information:

Lab Report No	DLR-672-C	Analytical Type	Ambient Air Quality
Sample Commodity	Environmental Test	Company Name	Sherjan Mosakhail & Sons – JV-China Harbour Engineering Co.
Sample Type	Outdoor 24 hours	Project Location	K4 Augmentation Work Package "Common Corridor With KBRT2.7KM From NIPA To Hassan Square"
Sample Location	Near Sir Syed University 24.91577N 67.09301E		
Sampling Date	20-Sep-25	Reporting Date	24-Sep-25

Air Quality Test

Sr.#	Date	Time	CO mg/m ³	SO ₂ ug/m ³	NO _x ug/m ³	SPM ug/m ³	PM ₁₀ ug/m ³	PM _{2.5} ug/m ³
1	22-09-2025	12:00 PM	0.4	0.3	14.5	119.0	144.2	72.1
2	22-09-2025	1:00 PM	0.2	0.1	14.7	123.0	143.8	71.9
3	22-09-2025	2:00 PM	0.8	0.3	14.9	126.0	143.0	71.5
4	22-09-2025	3:00 PM	0.1	0.5	15.4	128.0	144.4	72.2
5	22-09-2025	4:00 PM	0.2	0.2	15.8	119.0	145.4	72.7
6	22-09-2025	5:00 PM	0.3	0.3	16.1	124.0	144.2	72.1
7	22-09-2025	6:00 PM	0.2	0.1	16.5	120.0	143.2	71.6
8	22-09-2025	7:00 PM	ND	0.2	16.9	121.0	142.6	71.3
9	22-09-2025	8:00 PM	0.2	0.4	17.1	132.0	141.0	70.5
10	22-09-2025	9:00 PM	0.2	0.1	16.6	125.0	140.2	70.1
11	22-09-2025	10:00 PM	0.1	ND	16.2	123.0	138.6	69.3
12	22-09-2025	11:00 PM	ND	0.1	15.8	134.0	137.2	68.6
13	23-09-2025	12:00 AM	0.1	0.1	15.5	129.0	136.2	68.1
14	23-09-2025	1:00 AM	ND	ND	15.1	133.0	134.6	67.3
15	23-09-2025	2:00 AM	ND	ND	14.6	139.0	132.8	66.4
16	23-09-2025	3:00 AM	ND	0.1	14.2	112.0	131.8	65.9
17	23-09-2025	4:00 AM	0.1	ND	13.9	145.0	130.4	65.2
18	23-09-2025	5:00 AM	ND	0.1	14.5	141.0	134.8	67.4
19	23-09-2025	6:00 AM	0.2	ND	14.9	151.0	135.4	67.7
20	23-09-2025	7:00 AM	0.1	0.2	15.4	146.0	137.0	68.5
21	23-09-2025	8:00 AM	0.3	0.1	15.8	156.0	138.6	69.3
22	23-09-2025	9:00 AM	0.5	0.3	16.3	141.0	141.0	70.5
23	23-09-2025	10:00 AM	0.7	0.1	16.7	158.0	141.6	70.8
24	23-09-2025	11:00 AM	0.9	0.1	17.1	157.0	142.6	71.3
MIN			0.1	0.1	13.9	112	130	66
MAX			0.9	0.5	17.1	158	145	72
Average			0.3	0.2	15.6	133.4	139.2	69.7
SEQS Limit			5	120	80	500	150	75

Note:
 SEQS- Sixth Environmental Quality Standards. ND- Not Detected. This instrument 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 evidences/judicial knowledge.
 The measurements results based on the time monitoring.

Report Responsibility

Analysed, Chemist	Reviewed, Sr. Chemist	Approved Lab. Head
MWE	NM	SEA



Noise Monitoring lab Results



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Noise Monitoring

Sample Information:

Lab Report No	DLR-673	Analytical Type	Noise Monitoring Report
Sample Commodity	Environmental Test	Company Name	Sherjan Mosakhail & Sons – JV-China Harbour Engineering Co.
Sample Type	Environment	Project Location	K4 Augmentation Work Package "Common Corridor With KBRT2.7KM From NIPA To Hassan Square"
Sampling Date	20-Sep-25	Reporting Date	24-Sep-25

Test Result

Sr.#	Date	Sample Location	Parameters	Unit	Method	Result	SEQ's Limit	Remarks
1	20-09-2025	Al Mustafa Hospital 24.90820N 67.08330E	Noise	dB(A)	ASTME-1122	73.9	80	With In Limit
2	20-09-2025	Hassan Square Bridge 24.90126N 67.07307E	Noise	dB(A)	ASTME-1122	74.6	80	With In Limit
3	20-09-2025	Near Sir Syed University 24.91577N 67.09301E	Noise	dB(A)	ASTME-1122	78.2	80	With In Limit

Note

SEQs means Sindh Environmental Quality Standards 2016
 The equipment's used was duly calibrated.

Report Responsibility

Analysed, Chemist	Reviewed, Sr. Chemist	Approved Lab. Head
MWE	NM	SEA



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Noise Monitoring Comparison ESIA Vs Baseline



Ambient Air Monitoring Compression

SR #	parameters	Applicable Stringent Standard		SEQ's	Location 03	Location 01	Location 02	Location 03	Remarks
					ESIA	Baseline			
1	SO2	20 hr.	20 ug/m ³	120 ug/m ³	19	0.2	0	0.1	
2	CO	8 hr.	5 ug/m ³	5 ug/m ³	0.5	0.3	0	0.1	
3	NO2	24 hr.	80 ug/m ³	80 ug/m ³	21.7	15.6	28	14.8	
4	TSP	24 hr.	500 ug/m ³	500 ug/m ³	253.6	133.4	165	143.8	
5	PM10	24 hr.	50 ug/m ³	150 ug/m ³	109	139.2	87	72.1	
6	PM2.5	24 hr.	25 ug/m ³	75 ug/m ³	52.4	69.7	28	49.6	

Noise Monitoring Comparison

SR#	Sampling Point	Applicable Stringent Standard		EIA Results	Baseline Results
		Day Time 07:00 To 22:00	Night Time 22:00 To 07:00	Day 07:00 To 22:00	Day 07:00 To 22:00
		dB(A)	dB(A)	dB(A)	dB(A)
1.	Location Number 01	65	55	-	78.2
2.	Location Number 02	65	55	-	73.9
3.	Location Number 03	65	55	69	74.6

Location Number 01: Near Sir Syed University.

Location Number 02: Al-Mustafa Hospital.

Location Number 03: Hassan Square Bridge.










Drinking water lab reports Comparison ESIA Vs Baseline










Drinking Water Quality Comparison								
Sr #	Parameter	Units	Applicable Stringent Standards*	Comparison				Remarks
				Baitul Mukaram	Hassan Square Bridge	Hunza RO Water	CAMP Office	
				ESIA	BASELINE			
1	Temperature (During Sample Collection)	O _c	NS	-				
2	Color	Pt-Co	≤15TCU	06	5	4	5	
3	pH	pH	6.5-8.5	7.74	6.8	6.5	6.5	
4	Turbidity	NTU	<5	<5	BDL	BDL	BDL	
5	Total Hardness	mg/L	<500.00	510	108	121	110	
6	Total Dissolved Solid (TDS)	mg/L	<1000.00	1228	358	342	364	
7	Total Suspended	mg/L	NS	-				
8	Ammonia	mg/L	NS	-				
9	Fluoride F ⁻	mg/L	<1.50	0.64	BDL	BDL	BDL	
10	Sulfate (SO ⁻²)	mg/L	NS	-				
11	Chloride (Cl ⁻)	mg/L	<250.00	351	143	135	149	
12	Nitrate (NO ₃) ⁻	mg/L	<50.00	0.19	0.25	0.19	0.21	
13	Odor	-	Objectionable	Acceptable	Acceptable	Acceptable	Acceptable	
14	Taste	-	Objectionable	Acceptable	Acceptable	Acceptable	Acceptable	
15	Sodium	mg/L	NS	-				
16	Iodine	ppm	NS	-				
17	Arsenic (As)	mg/L	0.01	BDL	ND	ND	ND	
18	Iron (Fe ³⁺)	mg/L	NS	-				
19	Zinc (Zn ²⁺)	mg/L	3.0	0.031	0.05	0.04	0.04	
20	Conductivity	μS/cm	NS	-				
21	Bicarbonate	mg/L	NS	-				
22	Nitrite	mg/L	<3	0.70	0.07	0.05	0.05	
23	Magnesium	mg/L	NS	-				
24	Calcium	mg/L	NS	-				
25	Phosphate	mg/L	NS	-				
26	Potassium	mg/L	NS	-				









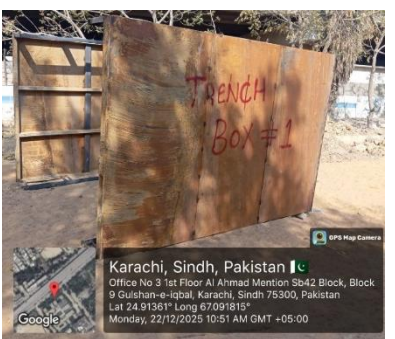
36	Total Chromium	mg/L	<0.05	BDL	0.02	0.01	0.01	
37	Copper	mg/L	2	0.29	ND	ND	ND	
38	Lead	mg/L	0.01	DL	ND	ND	ND	
39	Cyanide (CN)	mg/L	<0.05	BDL	ND	ND	ND	
40	Manganese	mg/L	<0.5	<0.01	ND	ND	ND	

Annexure G: Some Glimpse of E&S Compliance on the site

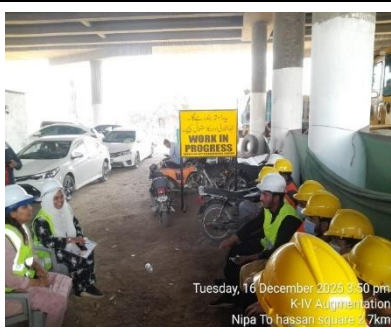
		
<p>Color Bins Available at Site</p>	<p>Color Bins Available at Site</p>	<p>SSWMB Collecting the waste from Campsite</p>
		
<p>Drinking water facility</p>	<p>Septic Tank Campsite</p>	<p>KWSSIP Waste Water Bouser</p>
		
<p>Water Sprinkling</p>	<p>Water Sprinkling</p>	<p>Environmental Training/Tree Inventory Preparation</p>

 <p>11 Nov 2025 09:53:42 24°16N 67°03'45</p>		
<p>Tree Marking</p>	<p>Training</p>	
	 <p>Nov 3, 2025 9:42:26 AM 24°54'50.18292"N 67°52'8.10862"E Main University Road Gulshan-e-Iqbal Karachi City Sindh Altitude: 256.4msm Speed: 0.6km/h</p>	 <p>Oct 23, 2025 11:30:03 AM 24°54'57.81384"N 67°53'4.1394"E</p>
<p>Safety Induction</p>		<p>First Aid Box Inspection</p>
 <p>25 Nov 2025 11:08:45</p>		 <p>Oct 28, 2025 12:51:37 PM 24°54'57.2076"N 67°5'32.40312"E S1-16 Main University Road Gulshan-e-Iqbal Karachi City Sindh Altitude: 5.0msm</p>
<p>First Aid Box Inspection</p>	<p>Fire Blanket Inspection</p>	<p>Fire Horn Inspection</p>

 <p>Oct 28, 2025 12:51:07 PM 24° 54' 55.91916" N 67° 5' 33.5418" E ST-16 Main University Road Gulshan-e-Iqbal Karachi City Sindh Altitude:-9.3msnm</p>	 <p>21/12/2025 12:57 pm GMT+5 Lat: 24.91466 Long: 67.09282</p>	 <p>Oct 29, 2025 12:40:45 PM 24° 54' 50.8518" N 67° 5' 28.91292" E</p>
<p>Fire Extinguisher Inspection</p>	<p>Fire Extinguisher Inspection</p>	<p>Complaint Box at Campsite</p>
 <p>Karachi, Sindh, Pakistan Office No. 3, 1st Floor, Al Ahmad Mehtar, SB42 Block, Block 8 Gulshan-e-Iqbal, Karachi, Sindh-75350, Pakistan Lat 24.913808° Long 67.092052° Sunday, 09/11/2025 12:46 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan Stg 1a, Block 10 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.913894° Long 67.092235° Sunday, 09/11/2025 11:32 AM GMT +05:00</p>	
<p>Complaint Box at Campsite</p>	<p>Safety Signages</p>	<p>Safety Signages</p>
 <p>21 Dec 2025 6:29:01 am</p>	 <p>28/12/2025 06:19 am GMT+5 Lat: 24.910404 Long: 67.08691</p>	 <p>Karachi, Sindh, Pakistan Sb 16, Block 13 C Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.909588° Long 67.085782° Monday, 29/12/2025 01:45 PM GMT +05:00</p>
<p>Tool Box Talks</p>	<p>Tool Box Talks</p>	<p>Tool Box Talks</p>

 <p>Thursday, 25 December 2025 14:54:18 #SMS</p>	 <p>Karachi, Sindh, Pakistan 📍 W37rv+5q Urdu Science Road Flyover Bridge, Gulshan-e-Iqbal Flyover, Block 9 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.91479° Long 67.09398° Tuesday, 23/12/2025 04:55 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan 📍 W37rv+5q Urdu Science Road Flyover Bridge, Gulshan-e-Iqbal Flyover, Block 9 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.914907° Long 67.093984° Tuesday, 23/12/2025 03:48 PM GMT +05:00</p>
<p>Personal Protective Equipment's</p>	<p>Personal Protective Equipment's</p>	<p>Emergency Equipment</p>
 <p>Karachi, Sindh, Pakistan 📍 W37rv+5q Urdu Science Road Flyover Bridge, Gulshan-e-Iqbal Flyover, Block 9 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.91479° Long 67.09398° Tuesday, 23/12/2025 04:55 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan 📍 W37rv+5q Urdu Science Road Flyover Bridge, Gulshan-e-Iqbal Flyover, Block 9 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.91479° Long 67.09398° Tuesday, 23/12/2025 04:59 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan 📍 W37rv+5q Urdu Science Road Flyover Bridge, Gulshan-e-Iqbal Flyover, Block 9 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.914907° Long 67.093984° Tuesday, 23/12/2025 03:53 PM GMT +05:00</p>
<p>Emergency Equipment</p>	<p>Emergency Equipment</p>	<p>Emergency Equipment</p>
 <p>29 Dec 2025 1:33:54 pm 24.80860745N 67.09580752E Gulshan-e-Iqbal Karachi City Sindh</p>	 <p>Karachi, Sindh, Pakistan 📍 Main University Rd, Block 10 Gulshan-e-Iqbal, Karachi, Sindh 75500, Pakistan Lat 24.914645° Long 67.093194°</p>	 <p>Karachi, Sindh, Pakistan 📍 Office No 3 1st Floor Al Ahmad Mention Sb42 Block, Block 9 Gulshan-e-Iqbal, Karachi, Sindh 75300, Pakistan Lat 24.91561° Long 67.091915° Monday, 22/12/2025 10:51 AM GMT +05:00</p>

<p>Installation of Safety Signages and Deployment of Flagman</p>	<p>Vehicle Inspection</p>	<p>Trench Box / Canopy</p>
		
<p>Site Visit with Contractor Team</p>	<p>Site Visit with Contractor Team</p>	<p>World Bank Visit</p>
		
<p>GRM & Code Of Conduct Compliance Training</p>		



GRM & Code Of Conduct Compliance Training




Implementation of GAP




Distribution of Flyers



Distribution of Flyers

 <p>5 Nov 2025 10:56:06 Gulshan-e-Iqbal Karachi Sindh</p>	 <p>5 Nov 2025 11:11:04 Gulshan-e-Iqbal Karachi City Sindh</p>	 <p>5 Nov 2025 11:11:35 Gulshan-e-Iqbal Karachi City Sindh</p>
<p>Cut Off Date Banner PAP's – Near Hassan Square</p>	<p>Cut Off Date Banner PAP's – Near Mangal Bazar</p>	<p>Cut Off Date Banner PAP's - Near Al Mustafa Hospital</p>

Stakeholder Consultations

 <p>Karachi, Sindh, Pakistan W33yHfK, Block 13 A Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.903898° Long 67.076439° 03/10/2025 01:02 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan B 4f, Block 13 A Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.903807° Long 67.07662° Monday, 27/10/2025 12:43 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan 1, Block 13d-1 Block 13 D Gulshan-e-Iqbal, Karachi, Sindh 75300, Pakistan Lat 24.913437° Long 67.081708° Wednesday, 22/10/2025 02:23 PM GMT +05:00</p>
<p>Operation Manager – Askari Bank</p>	<p>Branch Manager – Meezan Bank</p>	<p>Chairman & Counselor UC # 3</p>
 <p>Karachi, Sindh, Pakistan Hina Center, Block 13 A Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.904098° Long 67.077045° Tuesday, 26/10/2025 04:19 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan Plot B 15, Block 13 A Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.90455° Long 67.07723° Tuesday, 28/10/2025 04:58 PM GMT +05:00</p>	 <p>1 Oct 2025 12:03:22 pm 24.90342368837446N 67.07520036958158E Nipa To Hassan Square 2.7Km</p>
<p>Manager- Glaxy Money Exchange</p>	<p>Manager & Receptionist Usmania Restaurant</p>	<p>Union- Al Ahram Apartment</p>
 <p>Karachi, Sindh, Pakistan Office 308, 3rd Floor Master Square Building, Block 13 A Gulshan-e-Iqbal, Karachi, Sindh 74700, Pakistan Lat 24.904802° Long 67.077873° Friday, 07/11/2025 12:51 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan Shope#80, Saleem Plaza, Block-16 Main University Rd, K.d.a Bus Stop Block 16 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.926898° Long 67.081549° Tuesday, 04/11/2025 12:45 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan Park View Apartments, University Rd, Block 13a, Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.904578° Long 67.077893° Friday, 07/11/2025 12:47 PM GMT +05:00</p>

<p>Manager- Dominos Pizza</p>  <p>Karachi, Sindh, Pakistan E-6, 5th Floor, Oasf Center, Block 13A, Block 13 A, Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat: 24.904914° Long: 67.078272° Thursday, 20/11/2025 12:18 PM GMT +05:00</p>	<p>Manager- UIC #8</p>  <p>Karachi, Sindh, Pakistan Suite No. 405, 4th Floor, Crown Square, Block 13-3, Gulshan-e-Iqbal, Main University Rd, Block 13 A, Gulshan-e-Iqbal, Karachi, Sindh 75300, Pakistan Lat: 24.904599° Long: 67.07765° Friday, 07/11/2025 12:44 PM GMT +05:00</p>	<p>Worker- Quetta Shandar Hotel</p>  <p>Karachi, Sindh, Pakistan W39x+637, University Rd, Staff Colony Block 11 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat: 24.917839° Long: 67.09767° Friday, 07/11/2025 12:28 PM GMT +05:00</p>
<p>Manager- Asr e Sheeren</p>  <p>5 Dec 2025 15:21:47 Main University Road Gulshan-e-Iqbal Karachi City Sindh</p>	<p>Manager- Kababjees Fried Chicken</p>  <p>5 Dec 2025 15:03:43 Main University Road Gulshan-e-Iqbal Karachi City Sindh</p>	<p>Nipa Pumping Station- Supervisor</p>  <p>30 Dec 2025 13:34:40</p>
<p>FUUAST- Campus Officer</p>  <p>1 Dec 2025 12:43:24 Block 13-A, Main University Road Gulshan-e-Iqbal Karachi City Sindh</p>	<p>FUUAST – Head of Environmental Department</p>  <p>1 Dec 2025 14:12:50 Gulshan-e-Iqbal Karachi City Sindh</p>	<p>The Cancer Foundation Hospital – Administrator</p>  <p>8 Nov 2025 12:42:09 24°54'18" N 67°4'38" E Nipa to hassan square 2.7km</p>
<p>Large Consultations Phase – 1</p>		<p>Formation of Community GRC</p>

Identification of PAP's

 <p>Karachi, Sindh, Pakistan 🇵🇰 W27+99, Gulshan-e-Iqbal, Opp. Alqam Hospital of Technology Block 13 G Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.833869° Long 67.020781° 03/10/2025 11:55 AM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan 🇵🇰 W39+2d, Block 9 Block 8 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.910233° Long 67.056817° 03/10/2025 12:04 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan 🇵🇰 W39+2d, Block 9 Block 8 Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.910181° Long 67.056804° 03/10/2025 12:06 PM GMT +05:00</p>
<p>Puncture Making Shed</p>	<p>Pan Cabin</p>	<p>LPG Cabin</p>
 <p>Karachi, Sindh, Pakistan 🇵🇰 S7 Gulshan 13 B Block 13 B Gulshan-e-Iqbal, Karachi, Sindh 75800, Pakistan Lat 24.906869° Long 67.031075° Wednesday, 15/10/2025 04:18 PM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan 🇵🇰 Trade Center, Near Bovan Sagi, Block 13 A Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.903211° Long 67.075835° Wednesday, 22/10/2025 11:41 AM GMT +05:00</p>	 <p>Karachi, Sindh, Pakistan 🇵🇰 Sb 36, Gulshan 13 B Block 13 B Gulshan-e-Iqbal, Karachi, Sindh, Pakistan Lat 24.9068° Long 67.030908° Wednesday, 15/10/2025 04:02 PM GMT +05:00</p>
<p>Coconut Seller</p>	<p>Pan Cabin</p>	<p>Book Stall</p>

Annexure H: GRM & Code of Conduct Session



SEURECA @ VEOLIA



ATTENDANCE SHEET

Topic: <i>GRM & Code of Conduct Session</i>						Date: <i>28-11-25</i>
Sr#	Name	Designation	Company	Email	Contact Number	Signature
1	<i>Fayyaz</i>	<i>FAB</i>	<i>SMS</i>	<i>-</i>	<i>-</i>	<i>[Signature]</i>
2	<i>Nisar Ali</i>	<i>Fitter</i>	<i>u</i>	<i>-</i>	<i>-</i>	<i>[Signature]</i>
3	<i>Imran Ali</i>	<i>Helper</i>	<i>u</i>	<i>-</i>	<i>-</i>	<i>Imran Ali</i>
4	<i>Ishfaq Ali</i>	<i>Helper</i>	<i>u</i>	<i>-</i>	<i>-</i>	<i>[Signature]</i>
5	<i>Imdad Ali</i>	<i>Helper</i>	<i>u</i>	<i>-</i>	<i>-</i>	<i>[Signature]</i>
6	<i>Ayaz Ali</i>	<i>Helper</i>	<i>u</i>	<i>-</i>	<i>-</i>	<i>[Signature]</i>
7	<i>Mulyca</i>	<i>Social Specialist</i>	<i>SMS</i>	<i>-</i>	<i>-</i>	<i>[Signature]</i>
8	<i>Samad Khan</i>	<i>Supervisor</i>	<i>u</i>	<i>-</i>	<i>-</i>	<i>Samad Khan</i>
9	<i>Fahad</i>	<i>HSE</i>	<i>u</i>	<i>-</i>	<i>-</i>	<i>Fahad</i>
10	<i>Saine Ali</i>	<i>SSS</i>	<i>NESPAK</i>	<i>-</i>	<i>-</i>	<i>Saine</i>
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SEURECA VEOLIA


ATTENDANCE SHEET

Topic: GRC Formation						Date: 8-11-25
Sr#	Name	Designation	Company	Email	Contact Number	Signature
1	Dr. Sonia	Social Worker		UC 2.	03312607803	
2	Asma Tahir	Town Councillor		UC 3	0346-265343	UC 3
3	Sadia Adnan	UC Councillor		UC 4	03623110011	UC 4
4	M. Kamran	AEE (KWSSIP)	KWSSIP		0300-2193116	
5	Jafar Raza	Site Engineer	NESPAK	Jnaqvi89@gmail.com	0333-3174776	
6	Fahad Memon	HSE	SMS		0333-2703771	
7	KABEER	03452105503 councillor			03452105503	
8	FARHAN M B ARMI	Councillor			03003333250	
9	Muljethan	SAAS	SMS	muljethan@sms.com	0343-254060	
10	Rias Azhar	Chairman UC-2	UC-2	chairman@uc2.com	03028274361	
11	Sainiq Ali	S.S.S.	NESPAK	-	0331-3146225	
12	Syed Khizer Begi	UC-8 Chairman			0353-2223962	
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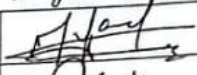
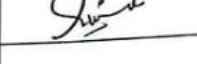


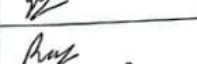
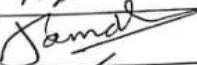
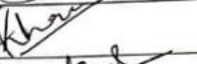
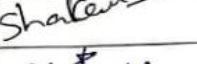
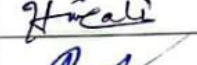
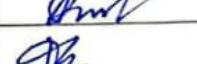

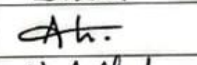


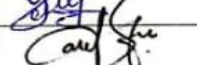
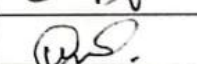
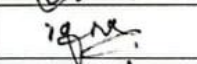
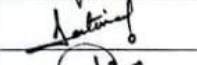

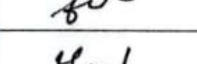
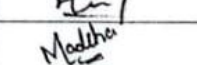
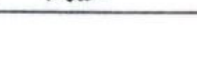



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6- General Remarks & Suggestion of the Participants:
7- General Observations:
List of Participants

S. No	Name	Occupation	Signature/ Thumb	M/F
01.	Urooj Naz	2025F-BCE-029		F
02.	Syeda Shamayel Fatima	2025F-BSE-128		F
03.	Hanna Adil	2025F-BSE-139		F
04.	Aqsa Jytikkal	2025F-BSE-106		F
05.	Saja Basit	2025F-BSE-121		F
06.	Tuba Ali	2025F-BSE-146		F
07.	Qurat-ul-ain Imran Ahmed	2025F-BSE-125		F
08.	Muzaina Mehmood	2025F-BSE-134		F
09.	Aniqa Sajjad	2025F-BSE-313		F
10.	Ghaniya Talha	2025F-BSE-129		F
11.	Rubab Anmool	2025F-BSE-127		F
12.	Alizeh Ahmed	2025F-BSET-004		F
13.	Rakshan Zia	2025F-BSET-007		F
14.	Ansharah Khan	2025F-BSET-025		F
15.	Sadia Khan	2024F-BDS-054		F
16.	Zainab Maleen	2024F-BDS-001		F
17.	Maria Saleem	2025F-BSE-107		F
18.	Behar Fatima	2025F-BSE-312		F

19)	Sadat Gulzab Ahmed	2025F-BCE-140	Sadat	F
20)	Anusha Khan	2025F-BRIM-040	Anusha	F
21)	Zoha Naseem	2025F-BRIM-008	Zoha	F
22)	Ayesha Rizwan	2025F-BRIM-010	Ayesha	F
23)	Aisha M. Ayoub	2025F-BRIM-025	Aisha	F
24)	Ayesha Ahmed	2025F-BRIM-004	A	F
25)	Rameen	2025F-BSE-145	Rameen	F
26)	Sumayya	2025F-BSE-112	Sumayya	F
27)	Nida Shykh	2024F-BCS-184	Nida	F
28)	Huda Fatima	2024F-BCS-319	Huda Fatima	F
29)	Rahman Ali	2025F-BCE-008	Rahman	M
30)	M. Mubbashir Ahmed	2025F-BBA-032	M. Mubbashir	M
31)	Hasan Faisal	2025F-BEA-059	Hasan	F
32)	Samara Butt	2025F-BCE-133	Samara	F
33)	Khadija Usmani	2025F-BCE-003	Khadija	F
34)	Syeda Ushma	2023F-BCS-376	Syeda Ushma	F
35)	Wania Parvaiz	2023F-BCS-361	Wania	F
36)	Taqwa Abdul Saboor	2023F-BCS-022	Taqwa	F
37)	Maira Munawar	2023F-BCS-367	Maira	F
38)	Dua Amir	2023F-BCS-234	Dua	F
39)	Iara Gul	2023F-BCS-360	Iara Gul	F
40)	Zonera Abbasi	2023F-BCS-179	Zonera	F
41)	Sohaira Abbasi	2023F-BCS-334	Sohaira	F
42)	Alsa Junaid	2022F-BIT-054	Alsa	M
43)	Yusra Farman	2022F-BIT-042	Yusra	F
44)	Izma Sabir	2022F-BIT-032	Izma	F

S.No	Name	Occupation	Signature	
45	Fasili Hyder	Student	Fasli	M
46	Misha Hasan	Student	Misha	F
47	Wania Shamsheer	Student	Wania	F
48	Warisha Shahid	Student	Warisha	F
49	Dania BATOOL Mirzo	Student	Dania	F
50	Syed Muhammad Kazim	Student	Kazim	M
51	Mahruck Nadeem	Student	Mahruck	F
52	Draj Nadeem	Student	Draj	F
53	Sidra bibi	Student	Sidra	F
54	Hiba Siddiqui	Student	Hiba	F
55	Amma Ahmed	Student	Amma	F
56	Suhaima Khan	Student	Suhaima	F
57	Zunaira Rehman	Student	Zunaira	F
58	Noor-ul-Huda	Student	Noor-ul-Huda	F
59	Faiyaz Naz	Student	Faiyaz	F
60	S. Maazooma Zehra Zeidi	Student	S. Maazooma	F
61	S. Umme Farwa Rizvi	Student	S. Umme Farwa	F
62	S. Fida-e-Zehra Rizvi	Student	S. Fida-e-Zehra	F
63	M. Hamza Mirza	Student	M. Hamza	M
64	Faizan Shaikh	Student	Faizan	M
65	Hooriya Jawed (083)	Student	Hooriya	F
66	Yasmin Iqbal (015)	Student	Yasmin	F
67	Neha Aleeq	Student	Neha	F
68	Mazia Ansari	Student	Mazia	F
69	Latifa Alam	Student	Latifa	F
70	Asfia Sheikh	Student	Asfia	F
71	Rahima Imran	Student	Rahima	F

Sno	Name	Occupation	Signature	
71	Muhammad Ammar	Student/Practitioner		M
72	Asim Malik	Student		M
73	Anwar Afzal			M
74	M. Atif Idrees	Student		M
75	Safwan Imtiaz	Student		M
76	Shehriyar Khan	Student		M
77	Kamal Rao	Student		M
78	Jamal Kudos	Student		M
79	Nasoor Khan	Student		M
80	Shakeel Mithani	Student		M
81	Hussain Ali	Student		M
82	Syed Abdullah Tashid	Student		M
83	Yameen	Student		M
84	Barzam	Student		M
85	M. Azcom	Student		M
86	Abdullah	Student		M
87	Hammad	Student		M
88	Yousuf	Student		M
89	Aimal	Student		F
90	Ushra	Student		F
91	Syeda Sajna	Student		F
92	Fatima Iqbal	Student		F
93	Ayesha Toon	Student		F
94	Syeda Fatima	Student		F
95	Hafsa	Student		F
96	Madha	Student		F



SEURECA & VEOLIA


ATTENDANCE SHEET

Topic:						Date:	
Sr#	Name	Designation	Company	Email	Contact Number	Signature	M/F
98	Rubina						
98	Syeda Nur Fatima	Student	SSUET	syedacliaqat111@gmail.com		<i>Nur</i>	F
99	Syeda Erum	student	SSUET	itsofficiallyerum@gmail.com		<i>Erum</i>	F
100	Bushra Khan	student	SSUET	Bushra		<i>Bushra Khan</i>	F
101	Muhammad Shayan	student	SSUET	m.muhammad.shayan@gmail.com		<i>Shayan</i>	M
102	Afsan Baloch	Student	SSUET	balochhafsa925@gmail.com		<i>Hafsa</i>	M
103	Saman Zehra	Student	SSUET	Samanzehrakazmie@gmail.com		<i>Saman</i>	F
104	Irzan Rasool	Student	SSUET	Irzanrasool211@gmail.com		<i>Irzan</i>	M
105	Abdul Wasay	student	SSUET	wasayabdul1505@gmail.com		<i>Wasay</i>	M
106	S.M Hamza	Student		S.M Hamza11028@gmail.com	0332-76218518	<i>Hamza</i>	M
107	Owais	Student	SSUET	owais00001234@gmail.com		<i>Owais</i>	M
108	Zain	Student	SSUET	zain404@gmail.com		<i>Zain</i>	M
109	Fahad	HSE	SMS	-		<i>Fahad</i>	M
110	Mulyca	Social Sp.	SMS	-	0343-2546862	<i>Mulyca</i>	F
111	Saima Ali	BSS	NEPAK	-	0331-3146225	<i>Saima</i>	F
112	Akhtar Khan	OHS	"	-		<i>Akhtar</i>	M
113	A. Samad	Env. Sp.	"	-		<i>A. Samad</i>	M
114	Osama Ahmed	Staff	SSUET	-	0333-2392210	<i>Osama</i>	M
115	S.M. Perwaiz	Staff	"	-	-	<i>Perwaiz</i>	M
116	Miss Shabbir Ali	Staff	"	-	-	<i>Shabbir</i>	M
117	Ayesha	"	"	-	-	<i>Ayesha</i>	F
118	Zareen	"	"	-	-	<i>Zareen</i>	F
119	Khadija	"	"	-	-	<i>Khadija</i>	F
120	Nighat	"	"	-	-	<i>Nighat</i>	F
121	Sultana	"	"	-	-	<i>Sultana</i>	F
122	Sameera	"	"	-	-	<i>Sameera</i>	F



SEURECA VEOLIA


ATTENDANCE SHEET

Topic: <i>GRM Awareness for Labors</i>					Date: <i>16-12-2025</i>	
Sr#	Name	Designation	Company	Email	Contact Number	Signature
1	<i>M. Junaid</i>	<i>Civil eng helper</i>	<i>SMS</i>		<i>0323593945</i>	<i>[Signature]</i>
2	<i>Ijaz ulhaq</i>	<i>operator operator</i>	<i>// //</i>		<i>0351109692</i>	<i>[Signature]</i>
3	<i>Adil Khan</i>	<i>operator helper</i>	<i>// //</i>		<i>03437921760</i>	<i>[Signature]</i>
4	<i>Abdulaziz</i>	<i>operator operator</i>	<i>// //</i>		<i>03209668529</i>	<i>[Signature]</i>
5	<i>Ihsanullah</i>	<i>operator operator</i>	<i>// //</i>		<i>030490371</i>	<i>[Signature]</i>
6	<i>Sayeed Khan</i>	<i>Security</i>	<i>// //</i>		<i>03057319751</i>	<i>[Signature]</i>
7	<i>M. Khan</i>	<i>// //</i>	<i>// //</i>		<i>03069609205</i>	<i>[Signature]</i>
8	<i>gulam mustafa</i>	<i>Labors</i>	<i>// //</i>		<i>03472940250</i>	<i>[Signature]</i>
9	<i>Manzoor</i>	<i>Security</i>	<i>// //</i>		<i>03308724106</i>	<i>[Signature]</i>
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Large Community Consultation Phase – 1


























6- General Remarks & Suggestion of the Participants:

7- General Observations:

List of Participants

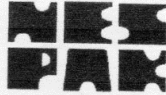
S. No	Name	M/ F	Occupation	Signature/ Thumb
1	SHAZIA	F	housewife	
2	Mauvan Muzaffar	F	House wife.	
3	Urooj Raheel	F	House wife	
4	Sadia Farhan	F	Home Maker	
5	Ayesha Jabeen	F	Home Maker	
6	Mahwash Ishaq	F	Home Maker	
7	Afshon Anjum	F	His wife	
8	Shagufta Moudood	F	His wife	Shagufta Moudood
9	Mrs. Munee	F	house wife	
10	Rabiyah Hamid	F	House wife	
11	Farida Farooq	F	House-wife	
12	Rabia Farooq	F	House wife	
13	Uzma Nawaz	F	House wife	
14	MRS. HAJRA ARSHAD	F	House wife	
15	Zahida Raheel	F	Govt. Rtd	
16	Gazala Younus	F	Housewife	
17	Romana Tabassum	F	House wife	
18	Hareem Junaid	F	House maker	
19	Shehneela	F	Home maker	
20	FARAWANASHAH	F	H. W	
21	Abida AM Jorid	F	H.W	
22	Farhana Waseem	F	House wife	
23	Shahida Nadeem	F	House wife	

24	Sadek Shafiq	F	Dir. Libraries	
25	Farzana Iqbal	F	K.P.O	
26	Asma Tahir	F	Town councillor	
27	Saima Ajeaz	F	Town councillor	
28	Humera Aman	F	UC Councillor	
29	Farah Bela Asim	F	Library.	
30	Farzan AbdulKhaj	F		
31	Sadia Latif	F	H.W	
32	Zahid Sheshel	F	H.W	
33	Nasqis	F	H.W	
34	سید علی	F	H.W	
			MALE CONSULTATION	
1	Sartaj	M	SMS	
2	Sameer	M	SMS	
3	ASAD	M	RESIDENT	
4	Muhammed Arif	M		
5	Dr. Sonia Akhnd	F		
6	KABEER AHMED H	M	Gulshiqbal.	
7	Riaz Azhar	M	UC chairman	
8	Humayun Butt	M	G. Cancellor	
9	MUHAMMAD IMRAN	M	ENG. Sociolun	
10	Aslam Soomro	M	Resident	
11	JUNAID AHMED	M	G. Cancellor	
12	M. Faizal	M	City Councilor	
13	Saina Ali	F	NESPAK	
14	Malyca Khan	F	SMS	

Annexure I: HSE Checklists

Table E-001: No-text of specified style in document -4; Waste Disposal Record Form

Project Information: Common corridor with PERT 2 (M/PH/PA) Work Scope					
Project Name: [Enter Project Name] Karaman 1st phase of 16" dia pipe					
Location: [Enter Project Location] NIPA camp site official					
Date: [Enter Current Date] 1 st week of November 2025					
Waste Categories:					
1. General Waste:					
Item Description	Quantity (in units)	Disposal Method	Responsible Party	Comments	
Food/paper/plastic	4 kg	Move to waste disposal site via BMC vehicle	Contractor	-	
2. Construction Debris:					
Item Description	Quantity (in cubic yards)	Disposal Method	Responsible Party	Comments	
/ /	/ /	/ /	/ /	/ /	
3. Hazardous Waste:					
Item Description	Quantity (in gallons/lbs)	Disposal Method	Responsible Party	Comments	
/ /	/ /	/ /	/ /	/ /	
Waste Disposal Record:					
Date	Item Description	Quantity (in units/cubic yards/gallons/lbs.)	Disposal Method	Disposal Site	Document/Receipt Reference
Waste Reduction and Recycling Efforts:					
Recycling Initiatives:					
Reusables:					
Responsible Parties:					
Project Manager: /102 Social Specialist:					
Site Supervisor: /102 HSE-Engineer: /102					



WASTE DISPOSAL LOG

Project Information: K-IV Augmentation (section 2.7KM from Nipa to Hassan Square)

Project Name: Transmission main & Appurtenance for 96" and 72" pipeline.

Location: Nipa Site Camp Office -

Date: 20th December, 2025

Waste Categories:

General Waste:

Item Description	Quantity (in units)	Disposal Method	Responsible Party	Comments
Domestic waste	6 Kg	Handover to SSWMB	Contractor.	

2. Construction Debris:

Item Description	Quantity (in cubic yards)	Disposal Method	Responsible Party	Comments
/	/	/	/	/

3. Hazardous Waste:

Item Description	Quantity (in gallons/kg/ltrs)	Disposal Method	Responsible Party	Comments
/	/	/	/	/

Waste Disposal Record:

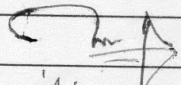
Date	Item Description	Quantity (in units/cubic yards/gallons/lbs.)	Disposal Method	Disposal Site	Document/Receipt Reference

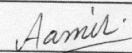
Waste Reduction and Recycling Efforts:

Recycling Initiatives: — No —

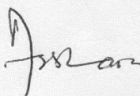
Reusables: — No —

Responsible Parties:

Project Manager (Name & signature): Muhammad Riaz 

Site Supervisor (Name & signature): Amir Khoso 

The Consultant shall verify that all required Checklists are correctly completed, approved, and valid prior to commencement of the work.



Environmental Training



SEURECA VEOLIA



TRAINING ATTENDANCE (INTERNAL AND THIRD PARTY)

Training Topic: <i>Awareness on Cleanliness on Environment</i> Date: <i>29/Nov/25</i>					
Sr	Emp	Name	Designation	Department	Signature
1.		M. Adnan	Welding helper	03222524882	<i>Adnan</i>
2.		Ali Hassan	Helper	03248083770	<i>Ali Hassan</i>
3.		Kashif	Helper	-	<i>Kashif</i>
4.		Shahzaib	Welder	03203776521	<i>Shahzaib</i>
5.		Saddam	foreman	-	<i>Saddam</i>
6.		Fahad	HSE-Engineer	0333-2703711	<i>Fahad</i>
7.		Zain Rizvi			
8.					
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22.					
23.					
Trainer Name & Signature: <i>Syed Zain-ul-abideen Raza Rizvi</i>					
HSE Engineer & Signature: <i>Fahad Memon</i>					



SEURECA VEOLIA


TRAINING ATTENDANCE (INTERNAL AND THIRD PARTY)

 Training Topic: Tren Protection. Date: 4/Dec/25

Sr	Emp	Name	Designation	Department	Signature
1.	SMS	Habib	Site Sup		Habib
2.	SMS	IShtaq	welder		IShtaq
3.	SMS	Gr. Mustafa	Labour		Gr. Mustafa
4.	SMS	Ahsan Ali	Labour		Ahsan Ali
5.	SMS	Ali	Driver		Ali
6.	SMS	Fahad Memn	HSE Enss		Fahad
7.	SMS	Waseem Ali	Site Enss		Waseem
8.	SMS	Mulyca	Social Specialist		Mulyca
9.					
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19.					
20.					
21.					
22.					
23.					

 Trainer Name & Signature: Syed Zain-ul-abideen Raza Rizvi
 HSE Engineer & Signature: Zain
Asslam



K-IV AUGMENTATION WORKS COMMON CORRIDOR WITH KBRT-2.7KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72" Ø PIPELINE

TRAINING ATTENDANCE (INTERNAL AND THIRD PARTY)

Training Topic: *Site House Keeping for Envir. protection* **Date:** *16-12-25*

S. No	Name	Designation	Department	Signature
1.	<i>M-Junaid</i>	<i>Civil Helper</i>	<i>SMS</i>	<i>E. Haq</i>
2.	<i>Ijaz ulhaque</i>	<i>Excavator operator</i>	<i>"</i>	<i>عجاز</i>
3.	<i>Abdul Razzaque</i>	<i>"</i>	<i>"</i>	<i>عبدالرزاق</i>
4.	<i>Adil Khan</i>	<i>Excavator, Helper</i>	<i>"</i>	<i>ادیل خان</i>
5.	<i>Imranullah</i>	<i>Excavator Driver</i>	<i>"</i>	<i>ایمران</i>
6.	<i>Saeed Ichar</i>	<i>Security</i>	<i>"</i>	<i>سعید</i>
7.	<i>M. Khan</i>	<i>"</i>	<i>"</i>	<i>محمد خان</i>
8.	<i>Gulam Mustafa</i>	<i>Labour</i>	<i>"</i>	<i>گل محمد</i>
9.	<i>Manzoor</i>	<i>Security</i>	<i>"</i>	<i>منظور</i>
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Trainer Name & Signature: *Aamir Khoso* *Aamir*

The Consultant shall verify that all required permits are correctly completed, approved, and valid prior to commencement of the work.

Aamir

HSE Induction Training



K-IV AUGMENTATION WORKS COMMON CORRIDOR WITH KBRT-2.7KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72" Ø PIPELINE

TRAINING ATTENDANCE (INTERNAL AND THIRD PARTY)

Training Topic: *Site House Keeping for Envir. protection* Date: *16-12-25*

S. No	Name	Designation	Department	Signature
1.	<i>M-Junaid</i>	<i>Civil Helper</i>	<i>SMS</i>	<i>E. H. [Signature]</i>
2.	<i>Ijaz ulhaque</i>	<i>Excavator operator</i>	<i>"</i>	<i>[Signature]</i>
3.	<i>Abdul razaque</i>	<i>"</i>	<i>"</i>	<i>[Signature]</i>
4.	<i>Adil Khan</i>	<i>Excavator, Helper</i>	<i>"</i>	<i>[Signature]</i>
5.	<i>Insanullah</i>	<i>Excavator Driver</i>	<i>"</i>	<i>[Signature]</i>
6.	<i>Saeed Khan</i>	<i>Security</i>	<i>"</i>	<i>[Signature]</i>
7.	<i>M. Khan</i>	<i>"</i>	<i>"</i>	<i>[Signature]</i>
8.	<i>Gulam Mustafa</i>	<i>Labour</i>	<i>"</i>	<i>[Signature]</i>
9.	<i>Manzoos</i>	<i>Security</i>	<i>"</i>	<i>[Signature]</i>
10.				
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21.				
22.				

Trainer Name & Signature: *Aamir Khoso* *Aamir*

The Consultant shall verify that all required permits are correctly completed, approved, and valid prior to commencement of the work.

[Handwritten Signature]




SEURECA VEOLIA



HSE INDUCTION ASSESSMENT

Employee Name ملازم کا نام	MAJID ALI
CNIC # شناختی کارڈ #	US208-17616227
Signature دستخط	<i>[Signature]</i>
Date and Time تاریخ اور وقت	09-12-2025 (9:30 AM)

- | | Yes ہاں | No نہیں |
|---|-------------------------------------|-------------------------------------|
|  <p>1. Assembly point is place for employees gathering in case of emergency.
اسمبلی پوائنٹ ایمرجنسی کی صورت میں ملازمین کے جمع ہونے کی جگہ ہے۔</p> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Assembly point is for sleeping place.
اسمبلی پوائنٹ سونے کی جگہ ہے۔ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Smoking is permitted at only assembly point.
صرف اسمبلی پوائنٹ پر سگریٹ نوشی کی اجازت ہے۔ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Don't leave assembly point until you receive further instructions.
جب تک آپ کو مزید ہدایت موصول نہ ہو اسبلی پوائنٹ کو مت چھوڑیں۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Block any access, egress or emergency exit points.
کسی بھی راستے، باہر نکلنے یا ہنگامی اخراج کے مقامات کو بند کریں۔ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Become familiar with the access and egress points of your work area.
اپنے کام کے علاقے کے راستے اور ایگزس پوائنٹس سے واقف ہوں۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Good housekeeping is maintained to avoid slips, trips and falls.
پہلن، دوروں اور گرنے سے بچنے کے لئے اچھی صفائی برقرار رکھی جاتی ہے۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. Working or entering any confined space without appropriate training and authorisation is allowed.
مندانہ تربیت اور اجازت کے بغیر کسی محدود جگہ پر کام کرنے یا داخل ہونے کی اجازت ہے۔ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9. Permit system is followed before starting any job and for entry in confined space.
کوئی بھی کام شروع کرنے سے پہلے اور محدود جگہ میں داخلے کے لئے پرمٹ سسٹم کی پیروی کی جاتی ہے۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Before repairing any electrical appliance, remember to unplug it.
کسی بھی برقی آلات کی مرمت کرنے سے پہلے اسے ان پلگ کرنا یاد رکھیں۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 11. Don't touch electrical appliances with wet hands.
گلیے ہاتھوں سے بجلی کے آلات کو مت چھوڑا۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 12. Put fingers and metallic objects in electrical outlet.
ننگیوں اور دھاتی اشیاء کو بجلی کے آؤٹ لیٹ میں رکھیں۔ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 13. Put ladders on weak or uneven surfaces.
کمزور یا نامیوار سطحوں پر سلاخی لگائیں۔ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14. Overreach or overextend on ladders.
سلاخیوں پر حد سے زیادہ پہنچنا یا زیادہ کرنا۔ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15. Provide safe means for workers to access where they work.
کارکنوں کو جگہ وہ کام کرنے ہیں وہیں تک رسائی کے لئے محفوظ ذرائع فراہم کریں۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 16. Don't use unstable scaffold while erection and dismantling.
کیڑا گرنے اور ختم کرنے کے دوران غیر مستحکم سجاوڑوں کا استعمال نہ کریں۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 17. Harness latch with hook to be used while working at height and latching to be done above shoulder height.
اونچائی پر کام کرتے وقت ہک کے ساتھ پرنس لچ استعمال کی جائے اور کنڈھے کی اونچائی سے اوپر لچکاؤنگ کی جائے۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 18. While working ensure to wear mandatory and task specific PPEs.
کام کرتے وقت لازمی اور ٹاسک مخصوص ذاتی حفاظتی سروسزسٹم پہننا یقینی بنائیں۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 19. Nearby area of hot job to be free from any flammable /combustible item.
گرم کام کا قریبی علاقہ کسی بھی آتش گیر / آتش گہر شے سے پاک ہو۔ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 20. Fire Extinguisher should not be available at hot job.
آگ بجھانے والا سائل گرم کام پر دستیاب نہیں ہونا چاہئے۔ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Assessor Name	Mulyee Khan
Signature	<i>[Signature]</i>
Status	Pass <input checked="" type="checkbox"/> Recommended to resit <input type="checkbox"/>

Tool Box Training (TBT)

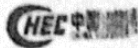


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TOOLBOX TALK (TBT)

Company Name: Sherjan Mosakhail & Sons (SMS) JV China Harbor		Location: <i>work site</i>	
Safety Supervisor Name: <i>Fahad Memon</i>		Site Supervisor Name: <i>Sameed Iqbal</i>	
Total Number of Employees: <i>8</i>		Date: <i>29 / Nov / 2025</i>	
Topics:			
<input type="checkbox"/> Lifting & Handling Loads	<input type="checkbox"/> Confined Spaces	<input type="checkbox"/> Demolition	
<input type="checkbox"/> Electrical Safety	<input type="checkbox"/> Excessive Noise & Vibration	<input type="checkbox"/> Slipping & Tripping	
<input type="checkbox"/> Portable Tools	<input type="checkbox"/> Sharp Objects	<input type="checkbox"/> Work at Height	
<input type="checkbox"/> Mechanical Hazards	<input checked="" type="checkbox"/> Scaffolding or Ladder	<input type="checkbox"/> Manual Handling	
<input type="checkbox"/> Deep Excavation	<input type="checkbox"/> Biological Hazards	<input type="checkbox"/> PPEs Important	
<input type="checkbox"/> Underground Utility Cables	<input type="checkbox"/> Collision with moving objects	<input type="checkbox"/> Fire Prevention	
<input type="checkbox"/> Dust / Fumes / Gases	<input type="checkbox"/> Chemicals Hazards	<input type="checkbox"/> Struck by Falling Object	
<input type="checkbox"/> Stress	<input type="checkbox"/> Environmental Conditions	<input type="checkbox"/> Cave-in or Collapse	
SR	Employees Attended TBT Session		
	Name	Designation	Signature
1	<i>Khaista wadi</i>	<i>helper</i>	<i>[Signature]</i>
2	<i>Qurban Ali</i>	<i>helper</i>	<i>[Signature]</i>
3	<i>A Nisat Ali</i>	<i>filler</i>	<i>[Signature]</i>
4	<i>Imran Ali</i>	<i>Helper</i>	<i>[Signature]</i>
5	<i>Ishtaque</i>	<i>Helper</i>	<i>[Signature]</i>
6	<i>Sameed Iqbal</i>	<i>site supervisor</i>	<i>[Signature]</i>
7	<i>Khan Nawaz</i>	<i>operator</i>	<i>[Signature]</i>
8	<i>Fahad Memon</i>	<i>HSE Engineer</i>	<i>[Signature]</i>
9			
10			
11			
12			
13			
14			
15			
Safety Supervisor Signature: <i>[Signature]</i>		Site Supervisor/ CM/ Engineer Signature: <i>[Signature]</i>	



WATER & SEWERAGE SERVICES IMPROVEMENT PROJECT


INCIDENT INVESTIGATION (IIR) FORM

In front of

Company Name: Sherjan Mosalimul & Sons (SWS)	Location: <i>Under Uni, and New National Bank</i>
JV China Harbor	
Safety Supervisor Name: <i>Zulfiqar Ali</i>	Site Supervisor Name: <i>Sanaid Khan</i>
Total Number of Employees: <i>(12)</i>	Date: <i>29 // 12 // 2015</i>

Topics: *Subj. Topics: → Trial Pit for identification of U-T.*

<input type="checkbox"/> Lifting & Handling Loads	<input type="checkbox"/> Confined Spaces	<input type="checkbox"/> Demolition
<input type="checkbox"/> Electrical Safety	<input type="checkbox"/> Excessive Noise & Vibration	<input type="checkbox"/> Slipping & Tripping
<input type="checkbox"/> Portable Tools	<input type="checkbox"/> Sharp Objects	<input type="checkbox"/> Work at Height
<input type="checkbox"/> Mechanical Hazards	<input type="checkbox"/> Scaffolding or Ladder	<input type="checkbox"/> Manual Handling
<input type="checkbox"/> Deep Excavation	<input type="checkbox"/> Biological Hazards	<input type="checkbox"/> PPE Important
<input checked="" type="checkbox"/> Underground Utility Cables	<input type="checkbox"/> Collision with moving objects	<input type="checkbox"/> Fire Prevention
<input type="checkbox"/> Dust / Fumes / Gases	<input type="checkbox"/> Chemicals Hazards	<input type="checkbox"/> Struck by falling Object
<input type="checkbox"/> Stress	<input type="checkbox"/> Environmental Conditions	<input type="checkbox"/> Cave in or Collapse

SR	Employees Attended IIR Session		
	Name	Designation	Signature
1	<i>M-Riaz</i>	<i>P.M</i>	<i>[Signature]</i>
2	<i>Aamir Khoso</i>	<i>Environmental spec</i>	<i>[Signature]</i>
3	<i>Majid Ali</i>	<i>HSE officer</i>	<i>[Signature]</i>
4	<i>Zulfiqar Ali</i>	<i>OHS</i>	<i>[Signature]</i>
5	<i>Sabaq</i>	<i>medical officer</i>	<i>[Signature]</i>
6	<i>Nadeem</i>	<i>Driver</i>	<i>[Signature]</i>
7	<i>Sanaid Khan</i>	<i>Site Sup</i>	<i>[Signature]</i>
8	<i>Sanaid Khan</i>	<i>sr-helper</i>	<i>[Signature]</i>
9	<i>Noor Khan</i>	<i>Helper</i>	<i>[Signature]</i>
10	<i>Zainullah</i>	<i>Labour</i>	<i>[Signature]</i>
11	<i>Khan Awaraz</i>	<i>Exc operator</i>	<i>[Signature]</i>
12	<i>Ijaz Khan</i>	<i>Exc operator</i>	<i>[Signature]</i>
13			
14			
15			

OHS

Safety Supervisor Signature: *[Signature]* Site Supervisor/ CM/ Engineer Signature: *[Signature]*

Fire Extinguisher Inspection Checklist

Contractor's Environmental, Social, Health and Safety Management Plan (CESHSMP)

ANNEXURE 18 - MONTHLY FIRE EXTINGUISHER INSPECTION CHECKLIST

Sherjan Mosakhail & Sons (SMS) JV China Harbor (Contractor)	Location	Inspector By	Date																									
	on-site/camp site	Fahad Memon	Nov-2025																									
Criteria	Extinguisher type					Extinguisher Number										Comments												
	DCP	CO2	Foam	Water	Other	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20		
1. Extinguisher is visible, unobstructed, and in its designated location.		✓				✓																						Only for F.E available on site and camp site
2. Locking pin is intact and the tamper seal is unbroken.		✓				✓																						
3. No obvious physical damage, corrosion, leakage, or clogged nozzle.		✓				✓																						
4. Hose is not damaged		✓				✓																						
5. Handle and body are not damaged		✓				✓																						
6. Pressure gauge or indicator is in the green range (lift the extinguisher to ensure it is still full).		✓				✓																						CO2 F.E
7. Extinguisher is of proper type and size as per area hazards, in compliance with NFPA 10		✓				✓																						
8. Travel distance to nearest fire extinguisher is in compliance with NFPA 10.		✓				✓																						
9. Installation height of handheld fire extinguisher is in compliance with NFPA 10		✓				✓																						

Contractor's Environmental, Social, Health and Safety Management Plan (CESHSMP)

10. Operating instructions on the nameplate are legible and facing outward.	✓			✓✓				
11. Last professional service date on the tag mentioned. (A licensed fire extinguisher maintenance contractor must have inspected the extinguisher within the past 12 months.)	✓			✓✓				
Comments: Fire extinguisher is available on site and Camp site								
Inspector Signature: <i>[Signature]</i>								

K-IV AUGMENTATION WORKS COMMON CORRIDOR WITH KBRT -2.7 KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCE FOR 96 "AND 72 "PIPELINE



OHS INSPECTION CHECKLIST

MONTHLY FIRE EXTINGUISHER INSPECTION CHECKLIST

Criteria	Extinguisher type					Extinguisher Number										Comments		
	DCP	CO2	Foam	Water	Other	1	2	3	4	5	6	7	8	9	10		11	12
Sherjan Mosakhail & Sons (SMS) JV China Harbor (Contractor)	Location					Inspector By										Date		
	ON site / Camp site					Zulfiqar Ali										DECEMBER 2026		
1. Extinguisher is visible, unobstructed, and in its designated location.		✓				✓	✓											ONLY FOR C3E Available ON site AND CAMP SITE.
2. Locking pin is intact and the tamper seal is unbroken.		✓				✓	✓											
3. No obvious physical damage, corrosion, leakage, or clogged nozzle.		✓				✓	✓											
4. Hose is not damaged		✓				✓	✓											
5. Handle and body are not damaged		✓				✓	✓											
6. Pressure gauge or indicator is in the green range (lift the extinguisher to ensure it is still full).		✓				✓	✓											CO2 has no gauge is check through weight and it's OK.
7. Extinguisher is of proper type and size as per area hazards, in compliance with NFPA 10		✓				✓	✓											
8. Travel distance to nearest fire extinguisher is in compliance with NFPA 10.		✓				✓	✓											

K-IV AUGMENTATION WORKS COMMON CORRIDOR WITH KBRT -2.7 KM FROM NIPA TO HASSAN
 SQUARE TRANSMISSION MAIN AND APPURTENANCE FOR 96 "AND 72 "PIPELINE



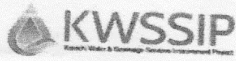
9. Installation height of handheld fire extinguisher is in compliance with NFPA 10	✓				✓	✓														
	✓				✓	✓														
10. Operating instructions on the nameplate are legible and facing outward.	✓				✓	✓														
11. Last professional service date on the tag mentioned. (A licensed fire extinguisher maintenance contractor must have inspected the extinguisher within the past 12 months.)	✓				✓	✓														

Comments: *All fire extinguishes are up to the standards and OK.*

Inspector Signature: *[Signature]*
21/12/2025

The Consultant shall verify that all required permits are correctly completed, approved, and valid prior to commencement of the work.

HSE Training



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K-IV AUGMENTATION WORKS COMMON CORRIDOR WITH KBRT-2.7KM FROM NIPA TO HASSAN SQUARE TRANSMISSION MAIN AND APPURTENANCES FOR 96" & 72" Ø PIPELINE

TRAINING ATTENDANCE (INTERNAL AND THIRD PARTY)

Training Topic: Use of Ladders Safety				Date: 19-12-25
S. No	Name	Designation	Department	Signature
1.	Sauad Khan	site sup	SMS	Sauad Khan
2.	Majid Chams	HSE Assesst	//	Majid Chams
3.	Khan Awaz	Dumper Driver	//	Khan Awaz
4.	Gull Khan	Driver	=	Gull Khan
5.	Sameer	Labour	=	Sameer
6.	M. Arief	Welder	=	M. Arief
7.	Zulfikar	Grinder main	=	Zulfikar
8.	Saeed	Labour	=	Saeed
9.	Aadil Khan	Helper	=	Aadil Khan
10.	Zainullah	Labour	=	Zainullah
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
Trainer Name & Signature: Zulfikar Khan				
HSE Engineer & Signature: Zulfikar Khan				

General HSE Inspection Checklist

GENERAL HSE INSPECTION CHECKLISTS

Company Name: SMS JV China Harbor	
Site ID/RD/Chain age: Near Sir Syed University	
Site Location: NIPA Camp Site & work site	
Inspector Name: Fahad Memon	
Date: 4th week of Nov-2025	
Please address all the areas which are applicable during inspection.	
Indicate in the following manner: ✓ Acceptable ✗ Not Acceptable N/A Not Applicable	
Health and Safety Systems	
1.1 HSE poster board updated	✓ <i>In process of completion</i>
1.2 Work environment safe	✓
1.3 Work organization and supervision	✓
1.4 Competent workforce	✓
1.5 Surrounding and landscape safe	✓
1.6 Toolbox talk conducted	✓
1.7 Emergency and Rescue arrangements available	✓
2. Housekeeping	
2.1 Work areas free from rubbish & obstructions	✓
2.2 Surfaces safe and suitable	✓
2.3 Free from slip/trip hazards	✓
2.4 Stock/material stored safely	✓
2.5 Unobstructed and defined walkways	✓
3. Electrical	
3.1 No broken plugs, sockets, switches	✓
3.2 No frayed or defective leads	✓
3.3 Power tools in good condition	✓
3.4 No work near exposed live electrical equipment	✓
3.5 Tools and leads inspected and tagged	✓
3.6 No strained leads	✓
3.7 No cable-trip hazards	✓
3.8 Switches/circuits identified	✓
3.9 Lock-out procedures/danger tags in place	✓
3.10 Earth leakage systems used	✓
3.11 Start/stop switches clearly identified	✓
3.12 Switchboards secured	✓
3.13 Appropriate firefighting equipment	✓ <i>CO2 fire Ex used</i>
4. Mobile Plant and Equipment	
4.1 Plant and equipment in good condition	✓
4.2 Pre use inspections done	✓
4.3 Fault reporting/rectification system used	✓
4.4 Operators trained and licensed	✓
4.5 Warning and instructions displayed	✓
4.6 Satisfactory operating practices	✓
4.7 Fire extinguisher	✓ <i>CO2 fire Ex used</i>
5. Machinery and Workbenches	
5.1 Adequate workspace	✓
5.2 Clean and tidy	✓
5.3 Free from excess oil and grease	✓



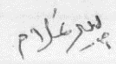
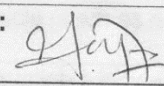
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5.4	Adequately guarded	✓
5.5	Warnings or instructions displayed	✓
5.6	Emergency stops appropriately placed and clearly identifiable	✓
5.7	Tools in proper place	✓
6. Hazardous Substances		
6.1	Stored appropriately	}
6.2	Protective clothing/equipment available/used	
6.3	Personal hygiene	
6.4	Waste disposal procedures	
6.5	Material safety data sheets available	
6.6	Appropriate emergency/first aid equipment	
7. Stairs, steps, and landings		
7.1	No worn or broken steps	}
7.2	Clear of obstructions	
7.3	Non-slip treatments/treads in good condition	
7.4	Clear of debris and spills	
7.5	Used correctly	
8. Ladders		
8.1	Ladders in good condition and damage free	✓
8.2	Ladders not used to support planks for working platforms	
8.3	Correct angle to structure	
8.4	Extended meter above top landing	
8.5	Straight or extension ladders securely fixed at top	
8.6	Metal ladders not used near live exposed electrical equipment	
9. Personal Protection		
9.1	Employees provided with PPE	✓
9.2	PPE being worn by employees	✓
9.3	Stored appropriately	✓
10. Manual Handling		
10.1	Mechanical aids provided and used	}
10.2	Safe work procedures in place	
10.3	Manual handling controls implemented	
11. Workplace Ergonomics		
11.1	Use of excessive force and repetitive movements minimized	✓
11.2	Appropriate training provided	✓
12. Material Storage		
12.1	Stacks stable	✓
12.2	Heights correct	✓
12.3	Sufficient space for moving stock	✓
12.4	Heavier items stored low	✓
12.5	No danger of falling objects	✓
12.6	No sharp edges	✓
13. Public Protection		
13.1	Appropriate barricades, fencing, hoarding, gantry secure and in place	✓
13.2	Signage in place	✓
13.3	Suitable lighting for public access	✓
13.4	Dust and noise controls in place	✓

Vehicle Monthly Inspection Checklist

VEHICLE MONTHLY INSPECTION CHECKLIST			
Company <i>SMS SV elenna.</i> Name: Current Mileage: Inspection Date: <i>25-12-2025</i> Inspection by: <i>Zuffiqar Ali</i>	Vehicle ID: <i>TKM-266</i> Vehicle Model and <i>2007</i> Make: In use of: <i>shifting excavated sand</i> Assigned on: <i>and Barrow material</i> <i>Work site</i>		
Check Description	OK	Not	NA
1. Is Battery Tightly Fixed	✓		
2. Battery is well protected from any metal forcing its terminals.	✓		
3. All loose wires are clamped in property.	✓		
4. Lube oil not leaking from ENGINE.	✓		
5. Lube oil not leaking from GEAR BOX.	✓		
6. All instrument gauges / indications are in working order	✓		
Fuel	✓		
Oil pressure	✓		
Water temperature & Air conditioning	✓		
Battery charger	✓		
Speedo meter	✓		
Horn	✓		
Indicators	✓		
Head lights, Dim, Full	✓		
Brake lights	✓		
Wipers	✓		
Radio system	-	-	✓
7. Is hand brake operative?	✓		
8. Are foot brakes in perfect shape?	✓		
9. Rear view mirror is tightly fixed and in good condition.	✓		
10. Both side mirrors are in good condition.	✓		
11. Steering wheel free to move- free play not more than 2".	✓		
12. Air Bags are installed	✓		
13. Safety signs installed inside vehicle (such as no cellphone use, no smoking, no over speeding)	✓		
14. Emergency contact details are available inside vehicle and driver is aware of it	✓		
15. The vehicle runs straight when the steering wheel is not held by hand.	✓		

	OK	NOT	N/A
16. Vehicle runs without wobble up to 80 / 100 Km/ hr.	✓		
17. Fan belt is in good condition	✓		
18. Radiator cap is in good condition.	✓		
19. Hose pipes are in good condition. (free from cracks / swelling and corrosion.	✓		
20. All 05 tires are in good condition free from cuts and bulges and center not worn out.	✓		
21. Tires older than 5 years or millage above 40,000 Kilometers replaced regardless of tread wear and physical condition	✓		
22. Silencer is in good condition.	✓		
23. Door Locks are in working order.	✓		
24. Wind screen and other glasses are intact.	✓		
25. Safety belts (front, rare) installed, operational and in good condition.	✓		
26. All windows roll up properly.	✓		
27. Toolkit is complete. (reflective triangles / Warning Cones, Wheel Spanner, Jack + Crank Jumper cables). Snow chain is optional as per requirement	✓		
28. First aid box is complete.	-	✓	
29. Fire extinguisher (DCP) is in working order	-	✓	
30. Anti-theft switch & Crook lock is in working order	✓		
31. Vehicle fit to ply on roads	✓		
32. Recent repairs record placed inside vehicle	-	"	✓
33. IVMS (In Vehicle Monitoring System) installed & working properly to monitor Driving Behaviors	✓		
34. Is there a scratch (s) / dent (s) on the body / fender of the vehicle	✓		
35. Wind screen and other glasses are intact and mark / scratch free	✓		
36. Other?			
37. Remarks:			
Comments: Vehicle inspected in coordination with driver and seems in working condition			
Inspector (Driver) Signature: 			
Inspector (Supervisor) Signature: 			
The Consultant shall verify that all required permits are correctly completed, approved, and valid prior to commencement of the work.			

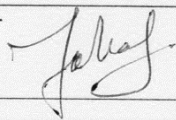
DAILY EXCAVATION INSPECTION CHECKLIST

Company SMS JV China Harbor Name: Site ID: Near Sir Syed University Site Location: Main road opp: Sir Syed Uni Inspection by: ASE Engineer - Fahad Memon	Equipment ID: 145-37154/158-6789 Equipment Model: Ex 200 / Ex 270 Inspection Date: 04-Dec-2025
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Check	OK	No	NA
1. Valid job order available for excavation?	✓		
2. Underground utilities identified in coordination with other companies as well as cable/pipe detector?	✓		
3. Overhead utilities identified and controls applied?			✓
4. Nearby structures considered?			✓
5. Soil type identified and protection measures in place accordingly for collapse			✓
6. Trial pits used?	✓		
7. Hard barricade installed in traffic movement area?	✓		
8. Valid work order available to enter excavation deeper than 1.2m?	✓		
9. Hazardous atmosphere testing been completed for deep excavations?			
10. Results of hazardous monitoring? O2 -----% LEL -----% Other----			✓
11. Spoil piles are located proper distance from trench?	✓		
12. No tension cracks observed in trench walls			✓
13. Are slopes cut to correct angle for soil type?			✓
14. No water seepage noted in walls or bottom			✓
15. No evidence of shrinkage cracks in wall or weak soil			✓
16. No evidence of sloughing or caving?			✓
17. Shoring installed in accordance with design?			✓
18. Excavation does not undermine existing structure		✓	
19. Safe access provided every 25' for escape?	✓		
20. Barricades in place to keep traffic away? (6 ft.)	✓		
21. Trees, boulders, or other hazards in area are controlled?	✓		
22. Heavy equipment/traffic working close to an open excavation controlled?	✓		
23. Arrangements in place for dewatering?	✓		
24. Required PPE and first aid box available on site	✓		

Comments:

Satisfactory arrangements are done around excavated area and considering safety precautions.

Signature:


First Aid Box Inspection Checklist



SEURECA VEOLIA



FIRST AID BOX ITEMS CHECK LIST

Company: Sherjan Mosakhail & Sons (SMS) JV China Harbor Date: Dec / 2025
 Site: KIV-2.7 common corridor Inspector name: Jostaj ali
 Location: NEAR SIR SYED UNIVERSITY Box Number: 01

Contents of First Aid Box	Quantity Required	Quantity Available			
		week 1	Week 2	Week 3	Week 4
Content list	1	1	1	1	1
List of emergency numbers	1	1	1	1	1
Medium dressing	4	4	4	4	4
Large dressing	2	2	2	2	2
Triangular bandage	4	4	4	4	4
Safety pins	24	24	24	24	24
Eye pads	4	4	4	4	4
Plaster	100	100	100	100	100
Wipes	40	40	40	40	40
Adhesive tape	1	1	1	1	1
Nitrile gloves(pair)	12	12	12	12	12
Finger dressing	4	4	4	4	4
Resuscitation face shield	2	2	2	2	2
Foil blanket	3	3	3	3	3
Eye wash (250ml)	1	1	1	1	1
Burn dressing	2	2	2	2	2
Safety shears	1	1	1	1	1
Confirming bandage	2	2	2	2	2
Splints	4	4	4	4	4
Distilled water for cleaning wounds	1	1	1	1	1
Pyodine	1	1	1	1	1
Cotton	1	1	1	1	1
Other legally permissible item					
Other legally permissible item					

Inspector Signature: 