

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

## **THIRD QUARTERLY PROGRESS REPORT**

**July– September 2025**

**Submission: 18<sup>th</sup> October, 2025**

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## List of Abbreviations/ Acronyms

<b>Acronym</b>	<b>Description</b>
ADP	Annual Development Program
AIIB	Asian Infrastructure Investment Bank
ARAP	Abbreviated Resettlement Action Plan
CAP	Corrective Action Plan
CAP-RP	Corrective Action Plan – Resettlement Plan
CERC	Contingent Emergency Response Component
CESMP	Contractor’s Environmental and Social Management Plan
CHA	Critical Habitat Assessment
CHS	Community Health and Safety
COO	Chief Operating Officer
DAAB	Dispute Avoidance and Adjudication Board
DC	Deputy Commissioner
DMA	District Metered Area
DPC	Dhabeji Pumping Complex
E&S	Environmental and Social
EMF	Environmental Management Framework
EPC	Engineering, Procurement and Construction
ESC	Environmental and Social Cell
ESCP	Environmental and Social Commitment Plan
ESF	Environmental and Social Framework
ESHS	Environmental, Social, Health and Safety
ESIA	Environmental and Social Impact Assessment
ESMP	Environmental and Social Management Plan
ESS	Environmental and Social Standard
F/S	Feasibility Study
GIS	Geographic Information System

GoS	Government of Sindh
GRM	Grievance Redress Mechanism
HCV	High Conservation Value
HR	Human Resources
HSE	Health, Safety and Environment
IFC	Issued for Construction
IUCN	International Union for Conservation of Nature
KB Feeder	Kalri Baghar Feeder
KBRT	Karachi Bus Rapid Transit
KETL	KWSC Environmental Testing Laboratory
K-IV	Greater Karachi Bulk Water Supply Project (K-IV)
KLCAP	Kinjhar Lake Conservation Action Plan
KW&SC	Karachi Water and Sewerage Corporation
KWSSIP	Karachi Water & Sewerage Services Improvement Project
LARP	Land Acquisition and Resettlement Plan
LAO	Land Acquisition Officer
LMP	Labor Management Procedures
M&E	Monitoring and Evaluation
MGD	Million Gallons per Day
MoU	Memorandum of Understanding
NRW	Non-Revenue Water
OHS	Occupational Health and Safety
PAP	Project Affected Person
PD	Project Director
PIU	Project Implementation Unit
PPP	Public Private Partnership
QPR	Quarterly Progress Report
RAP	Resettlement Action Plan
RoW	Right of Way

RP	Resettlement Plan
RPF	Resettlement Policy Framework
RU	Resettlement Unit
SEA	Sexual Exploitation and Abuse
SEPA	Sindh Environmental Protection Agency
SEP	Stakeholder Engagement Plan
SH	Sexual Harassment
SMF	Social Management Framework
SOP	Standard Operating Procedure
STDC	Sindh Transmission & Dispatch Company
TMP	Traffic Management Plan
TOR	Terms of Reference
TP-IV	Treatment Plant IV
WB	World Bank
WWF	World Wide Fund for Nature

## Executive Summary

The Third Quarterly Progress Report (July–September 2025) presents the status of implementation of the **Second Karachi Water and Sewerage Services Improvement Project (KWSSIP-II)**, with a focus on compliance with the **Environmental and Social Commitment Plan (ESCP)** and the World Bank’s **Environmental and Social Framework (ESF)**.

During the reporting period, progress was made in strengthening institutional arrangements for environmental and social (E&S) management, including continued operationalization of the PIU E&S team and formal approval of the permanent Environmental and Social Cell (ESC) within KWSC under the Chief Operating Officer. Recruitment processes for key E&S positions were initiated in line with ESCP commitments.

Under Component 2, implementation of the K-IV Augmentation Project progressed, with physical progress of approximately **36.5%** achieved through material procurement, pipe manufacturing, surveys, and trial pits along the 2.7 km common corridor with the KBRT project. Preparation and review of the Contractor’s CESMP continued, reflecting the complexity of the dense urban corridor and the need for enhanced site-specific risk management.

The K-IV Main Project, implemented by WAPDA and declared an Associated Facility, remained under close E&S oversight through the notified K-IV Coordination and E&S Implementation Committee. A Corrective Action Plan (CAP) addressing resettlement and land acquisition gaps for old and new alignments was cleared by the Bank and disclosed in October 2025, with implementation actions scheduled for the next quarter.

For the K-IV Power Component, the ESIA was finalized and submitted to the World Bank in September 2025. However, contractor mobilization and CESMP finalization are pending due to funding shortfalls and the non-issuance of IFC drawings by STDC. Residual ESIA gaps are planned to be addressed through Contractors’ CESMPs at mobilization.

Significant progress was also made on ESS6 compliance, including advancement of the Critical Habitat Assessment (CHA) and activation of the Kinjhar Lake Conservation Action Plan (KLCAP) Committee, which held its first meeting in July 2025. Stakeholder engagement activities continued actively, with 52 consultation events conducted along the 2.7 km corridor, and the project GRM remained operational.

Overall, while no construction-related E&S incidents were reported during the quarter, several ESCP actions remain pending, particularly those linked to contractor mobilization, resettlement implementation, and associated facility compliance.

## 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

#### 1.K-IV Augmentation Works

Lot-1: Water Transmission Main from Reservoir 1 To Y-Junction

Lot-2: Water Transmission Main from Reservoir 2 to Sir Syed University of Engineering & Technology near NIPA.

Lot-3: Water Transmission Main from Hassan Square to Gul Bai.

Lot-4: Water Transmission Main from Reservoir 3 To Banaras

#### 2. Rehabilitation of Existing Water Treatment Plants Pac

Lot-1: Rehabilitation of PIPRI Filter Plant

Lot-2: Rehabilitation of NEK Filter Plant

#### 3.Construction and Improvement of Water Supply and Sewerage Systems in Katchi Abadis

#### 4.Rehabilitation and Extension of Priority Sewer Network

#### 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 progress made during the reporting period (July 2025 to September 2025) on the environmental and social compliance requirements as per the Environmental and Social Commitment Plan (ESCP) of the KWSSIP II

### 2. Agreed Actions of the World Bank E&S Mission - September 2025

Sr. No.	Actions	Deadline	Status	Comments/ Remarks
<b>KWSSIP-2</b>				
1	Submission of revised Second Quarterly Progress Report for the period April–June	October 6, 2025	Submitted	Revised QPR submitted on October 18 <sup>th</sup> , 2025 received comments from the Bank on October 28 <sup>th</sup> , 2025.
2	Submission of Third Quarterly Progress Report for the period July–September	October 15, 2025	Submitted	Revised QPR submitted on October 18 <sup>th</sup> , 2025 received comments from the Bank on October 27 <sup>th</sup> , 2025. Revised QPR will be submitted by January 25 <sup>th</sup> , 2026
3	Hiring of staff for implementation of CAP-RP	October 20, 2025	Pending	Long-list and short-list submitted to the Bank. Finalization of candidates ongoing
4	Approved CAP Addendum disclosed	October 15, 2025	Disclosed	Disclosed on KWSSIP website on October 24 <sup>th</sup> , 2025
5	Operationalize the phone number of Project level GRM	Immediately		Help Desk established at LAO Office, DC Office District Malir . the project level GRM at KWSSIP is operational as well
6	Revised CAP implementation timeline	October 6, 2025	Pending	Expected date of completion is March 30 <sup>th</sup> , 2026
7	PIU in coordination with WAPDA and the Supervision Consultant develop a strategy for preparing the E&S documents	October 30, 2025	Pending	As the MoU between WAPDA and Resettlement Unit (RU) was not signed, Environmental and Social (E&S) activities were temporarily on hold and will now resume after January 15, 2026.

Sr. No.	Actions	Deadline	Status	Comments/ Remarks
8	Meeting with WAPDA and the Supervision Consultant for development of E&S documents and implementation strategy	October 3, 2025	Completed	Meeting was conducted and detailed session on LMP by the PIU E&S team has also been conducted on October 3 <sup>rd</sup> , 2025
10	Initiate revalidation of Katchi Abadi's E&S Instruments	December 8, 2025	Pending	TORs Social Baseline and Social Assessment for Katchi Abadis (KWSSIP -2) shared with the bank for discussion and finalization on October, 19 <sup>th</sup> , 2025
11	Organize a formal E&S event with contractor management, SEPA, and stakeholders, including possible WB participation (KWSSIP 1&2)	November 13, 2025	To be scheduled	Postponed and will be rescheduled
12	Submit E&S training Manual including training evaluation forms (KWSSIP 1&2)	November 30, 2025	Submitted	Training Manual submitted on 23 <sup>rd</sup> December, 2025
13	Finalize CHA and conduct event for formalizing the recommendations and actions	To be decided	To be scheduled	The event will be finalized once the CHA study is completed. CHA report submitted on Sep 19 <sup>th</sup> 2025; Bank comments received Oct 21 <sup>st</sup> 2025.
14	Prepare a Transportation Plan for the 2.7 km pipe section, include it in the CESMP	Before October 6, 2025	Completed	Submitted to the Bank on October 8 <sup>th</sup> , 2025
15	Conduct E&S due diligence of quarry sites as ESF requirements	Prior to commencement	On going	Decision on borrow material pending: soil testing (from at least 15 ft depth) will start as excavation has now commenced. PIU issued E&S Screening Checklist, SOPs and B-ESMP guideline. Contractor and SC E&S/Technical teams are working on it
16	Conduct pre-bid meetings to explain E&S requirements to bidders.	Before award of contract	To be undertaken prior to next contract award	No contract has been awarded yet after the 2.7 km works contract

Sr. No.	Actions	Deadline	Status	Comments/ Remarks
17	GRM SOPs to include Labor and SEA/SH risk management	Prior to commencement		GRM SOPs covering labour and SEA/SH risks have been shared with the contractor and consultant teams; an orientation session has already been held on the 2.7 km works site
19	Environmental Monitoring (quarterly)	November 2025	On going	Environmental monitoring for the pre-construction phase of the 2.7 km works was already conducted in September 2025, while monitoring for the K-IV Main works is yet to be carried out.
20	Training on WB ESF (monthly)	November 2025 onwards	Pending	Training on WB ESF for KIV Main has yet to be carried out
21	Hiring of Social Mobilizers	November 2025	Pending	The activity has not been started yet at KIV Main
22	Tree Plantation (9,337 trees)	March 2026	Pending	The activity has not been started yet at KIV Main
23	Development of LMP, SEP, and Gender Action Plan	November 30 2025	Pending	The activity has not been started yet at KIV Main
24	Establishment of GRM	November 2025	Pending	The activity has not been started yet at KIV Main
25	Stakeholder Consultations	November 2025 and onwards	Pending	The activity has not been started yet at KIV Main

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

ESCP REF NO.	MATERIAL MEASURES & ACTIONS	TIME FRAME	RESPONSIBLE ENTITY	COMMENTS/ REMARKS
A	<p><b>REGULAR REPORTING</b></p> <p>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&amp;S instruments required under the ESCP, stakeholder engagement activities, and functioning of the project Grievance Redress Mechanism (GRM)</p> <p>A K-IV Coordination and E&amp;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&amp;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&amp;S review including Gap Analysis and Corrective Actions iii. Corrective Action Plan - Resettlement (CAP-RP), iv. E&amp;S assessment implementation of power transmission line</p>	<p>Submit quarterly reports to the Bank throughout Project implementation, commencing after the Effectiveness Date. Submit each report to the Bank no later than 15 days after the end of each reporting period.</p> <p>Ensure the committee is in place prior to project effectiveness.</p> <p>Quarterly reporting with flexible periodicity of reporting based on compliance and status of reported grievances.</p>	<p>Project Director (PD), Environment and Social (E&amp;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)</p>	<p>Committee notified on 7 Jan 2025; first meeting held on 23 Apr 2025;</p> <p>Second QPR of KIV Coordination committee has been submitted to the bank on 14<sup>th</sup> July, 2025.</p>

	of K-IV, and; v. LARP development and implementation for power transmission line of K-IV.			
<b>B.</b>	<p><b>INCIDENTS AND ACCIDENTS</b></p> <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>	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.	PD, E&S Team in the PIU	Incident reporting forms are available on site. However, no incidents occurred during the reporting period
<b>C.</b>	<p><b>CONTRACTORS' MONTHLY REPORTS</b></p> <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>	Submit the monthly reports to the Bank upon request as annexes to the reports to be submitted under action A above.	PD, E&S Team in the PIU	Contract for Common Corridor with Karachi Bus Rapid Transit (KBRT)-2.7 km from Nipa to Hassan Square Transmission Main and Appurtenance for 96" & 72" Dia. Pipeline signed on 3 <sup>rd</sup> June, 2025. No activity started in the reporting period. The Contractor has established a site office (container-based) at site; however, full mobilization of construction activities has not yet commenced. Similarly, the Supervision Consultant has also established a site office

				arrangement. 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 contractor and consultant have already been advised by the PIU to submit monthly reports.
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<b>D.</b>	<p><b>NOTIFICATIONS RELATING TO DAAB COMPLIANCE REVIEW OF CONTRACTOR COMPLIANCE WITH SEA/SH PREVENTION AND RESPONSE OBLIGATIONS</b></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 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</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, emergency/full arbitration order, as applicable).</p>	<p>PD KWSSIP</p>	<p>One member from the Director Works and Services Department, NED University of Engineering &amp; Technology, has been nominated for the 2.7 km works</p>
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<b>1.2.</b>	<p><b>ENVIRONMENTAL AND SOCIAL INSTRUMENTS</b></p> <p>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.</p> <p>2. The following instruments have been prepared consulted and disclosed by the project:</p> <p><b>a. ESIA</b></p> <p>i. (ESIA) for K-IV Augmentation subproject (construction of three water supply conveyance in Karachi), consistent with the relevant ESSs.</p> <p>ii. ESIA for Construction of Malir Basin Wastewater Interceptors and Treatment Plant (TP-IV) subproject, consistent with the relevant ESSs.</p> <p><b>b. ESMPs</b></p> <p>ESMP for Rehabilitation and Reconstruction of Existing Water Treatment Plants.</p> <p>ESMP for Priority Water Network Rehabilitation and Extension including installation of Meters / DMAs and</p>	<p>1. Implement the EMF and SMF as and when any yet unidentified sub-projects and activities are known.</p> <p>2. All ESIA, 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.</p>	<p>1. PD, E&amp;S Team in the PIU</p> <p>2. E&amp;S Team of PIU</p>	<p>All instruments have been prepared and disclosed on KWSSIP website.</p> <p>Additionally, ADB is finalizing the selection of the consultant to conduct the comprehensive feasibility study for Treatment Plant (TP) IV . Separately, ADB has appointed MMP consultants to update the ESIA. But the contract with MMP is currently on hold as MMP cannot initiate the updating work before it coordinates with the Feasibility Study F/S Consultant. It is expected that the F/S consultant will be onboard and start work in the next reporting period.</p>

	<p>Additional Chlorination Facilities (subcomponent 2.3)  ESMP for Priority Sewer Network Rehabilitation and Extension (subcomponent 2.2)  ESMP for Reducing Energy Consumption at KWSC Existing Facilities (subcomponent 2.4)  ESMP for Improvement of Water Supply and Sewerage networks in Low Income Communities (sub-component 2.1)</p> <p>c) Labor Management Procedures (LMP)  d. Stakeholder Engagement Plan (SEP)  <b>e. Resettlement Plans:</b></p> <p>i. Corrective Action Plan for K-IV Mainstream 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))  iii. Abbreviated Resettlement Action Plan for Low Income Communities (sub-component 2.1)  iv. Land Acquisition &amp; Resettlement Plan (LARP) for the ROW of power transmission line for K-IV</p> <p>f. Prepare a standalone sexual exploitation and abuse and sexual harassment (SEA/SH) action plan.</p>			
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	<p>g. Conduct an E&amp;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 &amp; Rehabilitation policy.</p> <p>h. Conduct annual E&amp;S monitoring of Project activities through an independent monitoring agency or consultants in a manner acceptable to the Bank.</p>			
<p><b>1.3.</b></p>	<p><b>MANAGEMENT OF CONTRACTORS</b></p> <p>Incorporate the relevant aspects of the ESCP, including, inter alia, the relevant E&amp;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.</p> <p>2. These requirements include, inter alia: Each contractor/bidder will propose an ESHS specialist as the contractor's key personnel at the site.</p>	<p>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</p>	<p>PD, Procurement Specialist, E&amp;S Team in the PIU</p>	<p>Contract for Common Corridor with KBRT-2.7 km from Nipa to Hassan Square Transmission Main and Appurtenance for 96" &amp; 72" Dia. Pipeline signed on 3<sup>rd</sup> June, 2025. The ESMP was part of the contract and as per the contractual provisions the contractor is required to implement LMP and conduct stakeholders consultations</p> <p>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 update is ongoing.</p>

	<ul style="list-style-type: none"> <li>• 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.</li> <li>• All contractors will be required to submit for approval and subsequently implement a Contractor’s Environment and Social Management Plan (CESMP).</li> <li>• All contractors will be required to comply with the ESHS specifications of their respective contracts.</li> <li>• 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).</li> </ul>			<p>An undertaking has been submitted by the contractor of 2.7 km for Forced Labor Performance Declaration</p>
<b>1.6.</b>	<b>ASSOCIATED FACILITIES</b> 1. The below due diligence documents have been prepared for the Greater Karachi Bulk Water Supply Project (K-IV	1. Prior to the start of works on the K-IV Augmentation subcomponent 2.5(ii), ensure the	PD, E&S Team in the PIU	An Addendum of Corrective Action Plan (CAP) for resettlement and land acquisition covering old and new alignments has been prepared, cleared by the

	<p>phase 1/K-IV main) an associated facility:</p> <ol style="list-style-type: none"> <li>2. E&amp;S review including Gap Analysis and Corrective Actions for the 110 km water conveyance system.</li> <li>3. Corrective Action Plan - Resettlement (CAP-RP) for water conveyance system.</li> <li>4. The below E&amp;S documents will be prepared for K-IV phase 1/K-IV main power transmission line:             <ol style="list-style-type: none"> <li>a. ESIA in line with WB ESF requirements and the local legislation.</li> <li>b. Land Acquisition &amp; Resettlement Plan in line with the provincial R&amp;R policy and ESS 5 of the ESF policy.</li> </ol> </li> </ol>	<p>implementation of the Corrective Actions for K-IV main as provided in the E&amp;S Review Report.</p> <ol style="list-style-type: none"> <li>2. Prior to commencement of works on K-IV Augmentation subcomponent 2.5(ii), implement the CAP-RP for K-IV main project.</li> <li>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.</li> <li>4. Implementation of LARP before commencement of physical work on the power</li> </ol>	<p>E&amp;S Implementation Committee</p>	<p>Bank, and disclosed (Oct 2025), with implementation actions ongoing. Key E&amp;S gap actions (staffing, monitoring, plans, GRM, consultations) are scheduled from Nov 2025 onward. 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.</p>
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		transmission lines.		
<b>ESS 2: LABOR AND WORKING CONDITIONS</b>				
2.1.	<b>LABOR MANAGEMENT PROCEDURES</b> 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 workers, and applicable requirements for contractors, subcontractors, and supervising firms.	Adopt the LMP prior to engaging Project workers, and thereafter implement the LMP throughout Project implementation.	PD, 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 <sup>rd</sup> June, 2025. N  No construction activities have started., Health and safety measures have been initiated; the workers’ Code of Conduct has been signed by the existing contractor and consultant staff; a worker GRM register has been established; In line with ESS2, only <b>contracted professional and supervisory staff</b> are currently mobilized, including personnel from the Supervision Consultant and the Contractor’s Project Manager and site supervisors. No construction labor or workforce has been mobilized at this stage.
2.2.	<b>GRIEVANCE MECHANISM FOR PROJECT WORKERS</b> 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	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 <sup>rd</sup> June, 2025. 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.	<b>OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES</b>			

	Prepare, adopt, and implement occupational, health and safety (OHS) measures specified in LMP, ESAs and ESMPs 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 25 <sup>th</sup> October, 2025, including the Health and Safety Plan. The SSOHS plan has been submitted by the contractor and approved by the bank on <b>15 December 2025</b> .
2.4.	<b>OCCUPATIONAL HEALTH AND SAFETY AWARENESS</b> 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.	Prior to commencement of work and throughout project implementation	Contractors, E&S Team of PIU	No construction activity started in the reporting period. However, OHS requirements as outlined in the Health and Safety Plan of the ESIA KIV Augmentation and documentation has been communicated to the consultant and contractor's Team by the PIU E&S consultants in a session held at the site on 19 <sup>th</sup> September, 2025
<b>ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</b>				
3.1.	<b>WASTE MANAGEMENT PLAN</b> 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 <b>7 January 2026</b> .

3.2.	<p><b>RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</b></p> <p>1. Incorporate resource efficiency and pollution prevention and management measures in the ESIA's and ESMPs prepared under action 1.2 above.</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>3. 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).</p>	<p>1. Same timeframe as for the adoption and implementation of the ESIA's and ESMPs</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>3. KLCAP Committee constituted and CHA conducted prior to start of K-IV</p>	<p>PD, Procurement Specialist,</p> <p>E&amp;S Team in the PIU, contractors E&amp;S Implementation Committee</p> <p>KLAP Committee</p>	<p>Environmental monitoring for the pre-construction phase of the 2.7 km works was conducted in <b>September 2025</b>. However, the monitoring reports and results have not yet been received by the PIU, and the detailed analysis will be included in the <b>next Quarterly Progress Report (QPR)</b>.</p> <p>Keenjhar Lake Conservation Action Plan (KLCAP) committee has been constituted on 18<sup>th</sup> June, 2025. First Meeting of the Committee is was conducted on 29<sup>th</sup> July, 2025. Draft CHA Report submitted to the Bank on 19<sup>th</sup> September 2025</p>
<b>ESS 4: COMMUNITY HEALTH AND SAFETY</b>				
4.1.	<p><b>TRAFFIC AND ROAD SAFETY</b></p> <p>Incorporate measures to manage traffic and road safety risks as required in the ESIA's and ESMPs prepared under action 1.2 above.</p>	<p>Same timeframe as for the adoption and implementation of the ESIA's and ESMPs.</p>	<p>PD, E&amp;S Team in the PIU</p>	<p>Consultations for KBRT 2.7 km subproject have been conducted in the reporting period with the community. No activity started in the reporting period. The Traffic Management Plan has been developed by the contractor and will be part of the CESMP. (detailed presentation has been given to the Bank on 15<sup>th</sup></p>

				October, 2025). Total 52 Consultations were conducted in the reporting period that includes both institutes and community consultations
4.2.	<b>COMMUNITY HEALTH AND SAFETY</b> 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.	PD, 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 <sup>rd</sup> June, 2025.  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 a GRM banner has been placed at the site.
4.3.	<b>SEA AND SH RISKS</b> 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	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 <sup>rd</sup> June, 2025.
4.4.	<b>SECURITY MANAGEMENT</b> 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,	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	An overall security management plan needs to be prepared for the project; however, no progress was made on it during the reporting period.

	and by applicable law, in relation to hiring, rules of conduct, training, equipping, and monitoring of such personnel.			
<b>ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT</b>				
5.1.	<p><b>RESETTLEMENT PLANS</b></p> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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</li> </ol>	<ol style="list-style-type: none"> <li>1. Adopt and implement the merged RP, ARAP, CAP, LARP for each subcomponent, ensuring that before the mobilization of contractor at the construction site, for that subcomponent, full compensation has been made.</li> <li>2. Regular monitoring of resettlement activities throughout the Project implementation</li> </ol>	<p>PD, E&amp;S Team in the PIU E&amp;S Implementation Committee</p>	<ol style="list-style-type: none"> <li>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 are currently underway to confirm any affected persons, and the Resettlement Action Plan (RAP) will be applied if any impacts are confirmed. The final report, including the RAP (if applicable) and the CESMP for the 2.7 km section, will be shared with the World Bank by 20 October 2025.</li> <li>2. No progress reported, as the project has not yet entered the implementation phase.</li> <li>3. The CAP Implementation is scheduled in next quarter.</li> <li>4. Due to current funding shortfalls, STDC has not yet issued IFC drawings for the Transmission Line and Grid Station packages. Once financing is restored, IFCs will be issued, enabling contractor mobilization and preparation and approval of the</li> </ol>

	<p>Augmentation subproject (construction of three water supply conveyance in Karachi), consistent with the ESS5.</p> <p>4. Develop and implement the Land Acquisition &amp; 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.</p> <p>5. CAP – RP as well as the CAP completion audit report for K-IV Mainstream</p> <p>6. Develop and implement the LARP for ROW of power transmission line of K-IV Mainstream</p> <p>7. Conduct regular monitoring of resettlement activities through an independent monitoring agency or consultants in a manner acceptable to the Bank</p>			<p>CESMPs and RP prior to commencement of construction works.</p>
<b>ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES</b>				
<b>6.1.</b>	<b>BIODIVERSITY RISKS AND IMPACTS</b>	Prior to commencement of activities for	PD, E&S Team in the PIU	First meeting of KLCAP Committee was held on 29 <sup>th</sup> July 2025. Meeting details are explained in section 6.4.

	Adopt and implement mitigation measures to safeguard biodiversity and habitat included in ESIA's and ESMPs mentioned under action 1.2.	subcomponent 2.5(ii) implement the action plan of the Ecological Assessment for Kinjhar lake throughout the project implementation		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.
<b>ESS 8: CULTURAL HERITAGE</b>				
<b>8.1</b>	<b>CHANCE FINDS</b> 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
<b>ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE</b>				
<b>10.1.</b>	<b>STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION</b> 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.	Adopt the SEP before Project effectiveness and thereafter implement the SEP throughout Project implementation.	PD, E&S Team in the PIU	July, 2025 throughout Project implementation. Details of consultations conducted during the reporting period are annexed as Annexure A
<b>10.2</b>	<b>PROJECT GRIEVANCE MECHANISM</b> Maintain and enhance the established Grievance Redress Mechanism (GRM) to ensure accessibility, transparency, and	Establish the grievance mechanism prior to the commencement of Project activities, and thereafter maintain and operate the	PD, E&S Team in the PIU	The GRM is currently operational for KWSSIP 1 and same will be utilized for KWSSIP 2

	<p>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>mechanism throughout Project implementation.</p>		
<b>CS1</b>	<p><b>CAPACITY BUILDING</b></p> <p>The following training will be provided to contractors and project communities:</p> <ul style="list-style-type: none"> <li>• Stakeholder Mapping and Engagement</li> <li>• Specific Aspects of Environmental and Social Assessment</li> <li>• Emergency Preparedness and Response</li> <li>• General Environmental and Socio-Economic Awareness</li> <li>• Environmental and Social Sensitivity of the Project Influence Area</li> </ul>	<ol style="list-style-type: none"> <li>1. Initiate the training prior to commencement of construction works and thereafter throughout Project implementation.</li> <li>2. During first six months of the Project Effectiveness.</li> </ol>	<p>PD, E&amp;S Team in the PIU</p>	<p>The Training Plan will be developed by PIU and shared with the Bank by 30<sup>th</sup> November, 2025.</p>

	<ul style="list-style-type: none"> <li>• Community and Occupational Health and Safety Aspects and Key Risks Including Covid-19 Response.</li> <li>• Risks Hazards Assessments</li> <li>• Kobo Toolbox</li> <li>• Implementation Requirements of OHS Management Plans</li> <li>• World Bank ESF Requirements</li> <li>• Borrower's National/Provincial Regulatory Requirements</li> <li>• Implementation of ESIA and ESMP</li> <li>• Grievance Mechanism</li> <li>• Environmental and Social Monitoring and Supervision</li> <li>• Gender Sensitivity</li> <li>• Mitigation Against SEA and SH</li> <li>• Case Management of SEA/SH Complaints for GRM Staff</li> <li>• Labor Management</li> <li>• Waste Management and Disposal.</li> <li>• Management of Used Transformer Oil and Hazardous Substances</li> <li>• Security Risk Management</li> </ul> <p>2. Prepare training material on E&amp;S aspects relevant to KWSC activities including the Project activities.</p>			
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<b>CS2</b>	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 programs based on the capacity assessment.	To be completed within one year of project effectiveness	KWSC	The Institutional Assessment and Roadmap for the Establishment of the Environmental & Social (E&S) Cell was conducted (December 2024) to address long-standing gaps in KWSC's capacity to manage environmental, social, and health & safety aspects of its operations, and will serve as the guideline document for establishing the policies, procedures, and operating standards of the KWSC E&S Cell.

#### **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. Evaluation is underway by the PIU. It is expected that the specialists will be onboard by Jan, 2026, The position of Senior Gender Specialist is now for KWSC and title of the position is now Director Equity & Reforms and TORs are under preparation during the reporting period.

## 5. Environmental and Social Cell at Karachi Water & Corporation

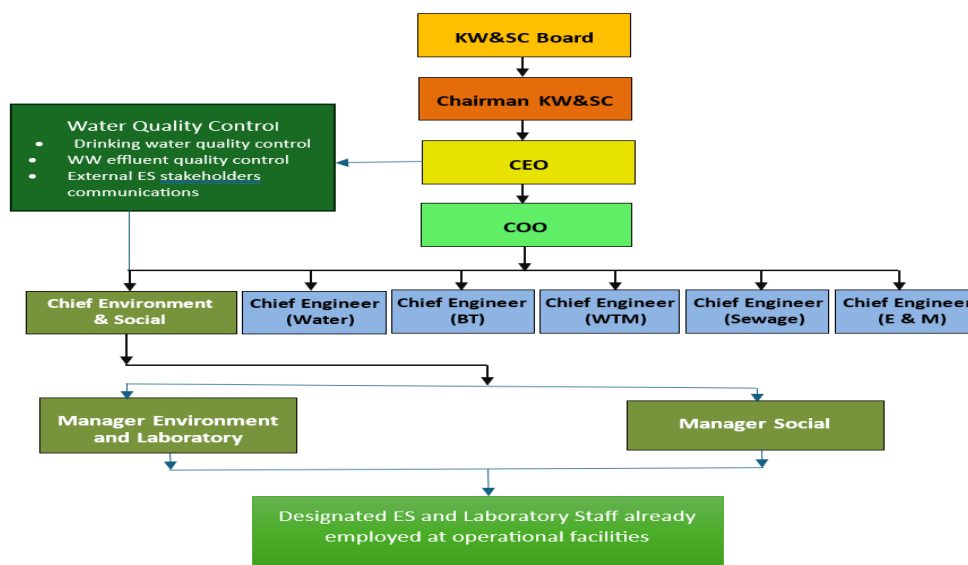
The Karachi Water and Sewerage Corporation (KW&SC) delivers the city’s water supply, sewerage, and wastewater treatment services, which carry significant environmental, social, and occupational health and safety (OHS) risks. Past assessments identified ad-hoc decision-making, inconsistent environmental and social (E&S) practices, and weak compliance mechanisms, resulting in higher costs, reputational risk, and community grievances. While a project-specific E&S unit exists under KWSSIP, a permanent E&S Cell is required to mainstream E&S management across all KW&SC operations.

The establishment of the E&S Cell follows a structured assessment process, beginning with the Third Draft Institutional Assessment and Road Map (December 2024), which highlighted critical gaps in E&S management. Historically, KW&SC faced challenges including non-compliance with E&S legal requirements, absence of Environmental Impact Assessments for major projects, limited operational-level monitoring, and ad-hoc stakeholder engagement. To address these gaps, and in line with the Environmental and Social Commitment Plan (ESCP) under the Second Karachi Water and Sewerage Services Improvement Project, KW&SC issued a formal notification on 11th September 2025 to establish a dedicated E&S Cell. This Cell is tasked with strengthening institutional capacity, ensuring compliance with the KW&SC Act 2023 and SEPA 2014, and providing systematic oversight of environmental, social, and OHS matters across all operations.

The core functions of the E&S Cell will include developing strategic E&S policies and conducting audits, preparing project-specific Environmental and Social Management Plans (ESMPs) and due diligence, monitoring water and wastewater quality, overseeing OHS and Community Health and Safety (CHS), maintaining records and tracking compliance, providing staff training, coordinating with regulators and development partners, and upgrading the water laboratory into the KWSC Environmental Testing Laboratory (KETL).

**5.1. Organizational Structure.** E&S Cell under the **COO** for authority and visibility.

**5.2. Proposed staffing:** Head (Chief E&S), Manager Environment, Manager Social, E&S Specialists (existing), and Lab/Field Technicians.



### 5.3. Roadmap

- **Phase 1 (Setup):** Approve ToRs/budget, formal notification, recruit core staff.
- **Phase 2 (Systems):** Procedures/tools, integrated monitoring (lab/OHS/GRM), capacity building.
- **Phase 3 (Operationalize):** Pilot ESMPs, mainstream with departments, institute reporting/audits.
- **Phase 4 (Improve):** External review, refine, and scale to all facilities/projects.

During the reporting quarter, progress includes the formal approval of the E&S Cell's structure under the Chief Operating Officer, designation of key positions including Chief Environment & Social (CES) and supporting managers for Environment and Social Compliance, and initiation of recruitment for these positions.

The advertisement for all the three positions including Chief Environmental and Social, Manager Environment, Manager Social have been advertised on 18<sup>th</sup> September, 2025.

## 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.

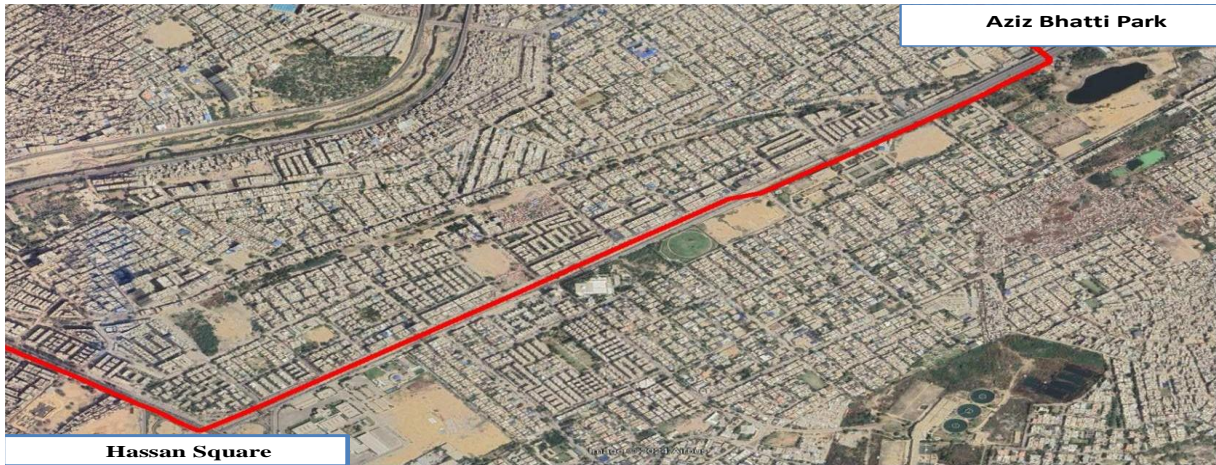
The progress of KIV Augmentation Project by the PIU KWSSIP during the reporting period is as follows:

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

To augment the supply of K-IV water to the city, KWSSIP is implementing the K-IV Augmentation Plan. The proposed system to convey water from the R-2 reservoir to the city passes along a road section starting from NIPA and terminating at Hasan Square. This section currently hosts the BRT Redline project, and to facilitate its construction, it has been planned to lay 2.75 km of the K-IV Augmentation pipeline along this route. The pipeline will have diameters of 96" and 72", with 0.95 km of 96" diameter pipe starting from Sir Syed University, which then reduces to 72" diameter near Federal Urdu University. The remaining 1.8 km of 72" diameter M.S. pipeline runs up to Hasan Square, after which it changes direction towards Liaquatabad.

#### **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**

**Progress this Quarter**

**Physical Progress = 36.50%**

S. No.	Activities
1	Technical Submittal for Construction Material
2	Order L/C for HR Coil
3	Manufacturing of Coil
4	Shipment of Coil
5	Custom Clearance
6	Manufacturing of Pipe (96" )
7	Pipe Alignment Marking
8	Site Survey
9	Trial Pit execution for identification of existing utilities

**Steps for Next Quarter**

S. No.	Activities
1	Manufacturing of Pipe (72" dia)
2	Internal Epoxy lining & External coating
3	Excavation
4	Sand Bedding
5	Pipe Laying & Jointing
6	Backfilling

7	Thrust Boring
8	Construction of RCC Chambers for valves
9	Installation of Valves & Fittings
10	Hydro Testing of Complete Pipe Network

The construction contract for the K-IV Augmentation Project was awarded in early 2025. The Contractor, **M/s Sherjan Moosa Khel and China Harbour Company**, was onboarded on **6 March 2025**, while the Supervision Consultant, **M/s Sureca JV NESPAK**, was onboarded on **12 May 2025**. Initial site mobilization activities commenced following the onboarding of both the Contractor and the Supervision Consultant.

The preparation of the Contractor’s Environmental and Social Management Plan (C-ESMP) proved challenging due to the complexity of the project corridor. The alignment traverses a dense urban environment with multiple live utilities, significant traffic management constraints, and limited working space. These conditions required enhanced, activity-specific risk assessments and the development of detailed mitigation and control measures, particularly for utility protection, community health and safety, and continuity of traffic and local access.

The submission of the C-ESMP was delayed due to the complex nature of the project and the Contractor’s evolving understanding of the contractual requirement to submit and obtain approval of a fully site-specific C-ESMP prior to the initiation of construction works.

A formal coordination meeting on the preparation of the C-ESMP was held on **19 September 2025** between the PIU, the Supervision Consultant, and the Contractor. During this meeting, the PIU provided detailed guidance on: (i) environmental and social compliance requirements; (ii) mandatory E&S staffing arrangements for both the Contractor and the Supervision Consultant; (iii) the contractual condition that construction activities shall not commence without submission and approval of the C-ESMP; and (iv) the incorporation of site-specific risks and mitigation measures into the C-ESMP.

During the reporting period, the PIU also held several informal working sessions with the Supervision Consultant’s Health and Safety Specialist and Social Development Specialist to further refine the C-ESMP and ensure alignment with site conditions and project-specific risks.

A meeting on the CESMP was held on 19 September 2025 between the PIU team, the Supervision Consultant, and the contractor. The PIU provided detailed guidance on: (i) E&S compliance requirements, including

- i. E&S staffing for both contractor and consultant;
- ii. the contractual requirement not to commence works without submission and approval of the CESMP; and
- iii. the site-specific information that must be incorporated into the CESMP.

During the reporting period, the PIU also conducted several informal working sessions with the Supervision Consultant’s Health and Safety Specialist and Social Development Specialist to improve the CESMP’s quality and site specific requirements.

## **Staffing status**

- The Consultant's Health and Safety Specialist and Social Development Specialist were approved by the PIU and were on board in August 2025. The Environmental Specialist proposed by the Supervision Consultant was not approved by the PIU.. The Supervision Consultant was requested to arrange a new Environmental Specialist with relevant experience.
- For the Contractor, the HSE Specialist/Engineer, Social Development Specialist, and Medical Officer were on board in September 2025. As per the contractual requirements, Environmental Specialist has to be hired by the contractor.

## **Steps Next Quarter: October 2025 – December 2025**

- 1.1 CESMP review & approvals
- 1.2 Verify E&S staffing/resources/PPE
- 1.3 Inductions, toolbox talks, weekly briefings
- 1.4 Stakeholder engagement oversight
- 1.5 Right-of-way clearance verification
- 1.6 RP entitlements verification prior to works
- 1.7 Environmental monitoring oversight
- 1.8 Ecological measures tracking

### **Construction – Contractor Execution**

- 2.1 CESMP implementation
- 2.2 Site safety controls (barricades, signage, lighting, housekeeping)
- 2.3 PPE & OHS procedures (Trench protection, lifting, hot works, confined space)
- 2.4 Traffic management operations
- 2.5 Nuisance controls (dust/noise/vibration)
- 2.6 Hazardous materials & spill management
- 2.7 Water/effluent management
- 2.8 Waste management & manifests
- 2.9 Community health & safety controls

### **Addendum to RP KIV Augmentation for 2.7 Km Works Contract**

The Resettlement Action Plan (RAP) prepared in August 2022 was revalidated for the 2.7 km section of Route-2, where project implementation is commencing, to reflect current and site-specific impacts. The validation confirmed that none of the PAPs identified in the original RAP fall within this section; however, temporary livelihood impacts on roadside vendors and small businesses were identified due to construction in the common corridor. Accordingly, a re-census and PAPs validation will be conducted in line with RAP Entitlement Matrix, RPF and ESS5, based on the finalized construction plan, to identify affected PAPs and align resettlement measures with actual impacts. An addendum will be prepared and submitted to the Bank by November 2025.

### **Labor, OHS & Community Health & Safety**

- 4.1 Worker registry & contracts compliance
- 4.2 Working conditions & non-discrimination

4.3 Medical fitness & first-aid arrangements

4.4 Emergency drills & readiness

**SEA/SH Risk Management**

5.1 Code of Conduct enforcement

5.2 SEA/SH training (staff & subcontractors)

5.3 Confidential reporting & referrals

5.4 Case management & notifications

**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 will be 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. The Committee was notified on 7<sup>th</sup> January, 2025.

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

The K-IV Main Project involves significant resettlement and livelihood impacts. To address the identified gaps in resettlement and land acquisition and ensure compliance with the World Bank’s Environmental and Social Standard 5 (ESS5), the PIU KWSSIP engaged a consulting firm (NESPAK JV EMC) to prepare a Corrective Action Plan (CAP) covering both the old and new alignments.

**Old Alignment:** Open gravity canal with 1,000 ft RoW.

**New Alignment:** Pressurized pipeline system with 300 ft RoW, affecting 116 households.

The Second Addendum to the CAP–RP, removing references to the 22 acres in Thatta, was submitted to the Bank on **29 September 2025** for review and clearance. The final addendum after clearance from the bank has been disclosed on the KWSSIP website on 24<sup>th</sup> Oct, 2025 and can be accessed using the link <https://www.kwssip.gos.pk/ess2/>

**Steps for Next Quarter**

**7.3. E&S Gap Actions.**

No progress was reported during the reporting period from July to September 2025.

Based on the Environmental and Social Review Gap Analysis, the following actions are required to be undertaken by KIV Main (WAPDA) to ensure full compliance.

<b>Sr. No.</b>	<b>Action</b>	<b>Timeline</b>
1	Hiring of E&S Staff at Supervision Consultant Level	15 Oct 2025
2	Environmental Monitoring (quarterly)(Air Quality, Water and Noise) as per the ESIA	Nov 2025 onwards on quarterly basis

<b>Sr. No.</b>	<b>Action</b>	<b>Timeline</b>
3	Training on WB ESF (monthly)	Nov 2025 onwards
4	Hiring of Social Mobilizers	Nov 2025
5	Tree Plantation (9,337 trees)	Mar 2026, Tree plantation Plan will be shared by SC of KIV Main by Nov 15 <sup>th</sup> , 2025
6	Development of LMP, SEP, and Gender Action Plan	30 <sup>th</sup> Nov 2025
7	Establishment of GRM	Nov 2025
8	Stakeholder Consultations	Nov 2025 and onwards

#### 7.4. CAP Action Plan (revised CAP Status as of 30<sup>th</sup> September 2025)

<b>Sr. #</b>	<b>Action</b>	<b>Finish Date</b>
1	Second CAP-Addendum (Re-disclosure)	October 6, 2025
2	Hiring of CAP Implementation Firm	October 17, 2025
3	Hiring of KWSSIP-2 RU E&S Specialist	October 20, 2025
4	Hiring of Independent Monitoring Firm	October 20, 2025
5	Notices to PAPs regarding their claims (through LAO)	November 15, 2025
6	Notices to PAPs to receive Livelihood Allowance	November 15, 2025
7	Current GRM Updated and Capacity Building: Training sessions for PIU/RU E&S team, CAP Implementation Firm and IMC	November 15, 2025
8	Capacity Building of CAP Implementation and IMC Firm on the overall Corrective Action Plan, Outreach Strategy to reach PAPs, CAP and IMC firms understanding on community consultation approach, GRM process and validation of PAPs	November 15, 2025
9	Community Consultation Sessions with PAPs of Land Acquiring Claims and Livelihood allowance regarding their stratification of process and received the amount without any hurdle for error. Pre and Post Validations for Compensation Process will be conducted to make assessment Compensation process for CAP closure	December 15, 2025

<b>Sr. #</b>	<b>Action</b>	<b>Finish Date</b>
10	Notification of GRC (site level)	November 5, 2025
11	Payment of Compensation and Allowance to PAPs	December 15, 2025
12	Disclosure of CAP-RP Implementation	December 30, 2025
13	CAP Completion	December 30, 2025

### **7.5. ESIA and LARP for KIV Power Component**

The K-IV Power Component comprises four contract packages:

1. Transmission Line (27 km)
2. Grid Station
3. 11 kV Network (3 km)
4. Residential Colony

A meeting of PIU Environmental Specialist was conducted with the STDC on the Project Progress and to guide on the E&S compliance requirements on 17<sup>th</sup> July 2025.

The ESIA was submitted to the WB on 31<sup>st</sup> Jan, 2025 and comments were received on 05 February, 2025. However, the comments were/were not incorporated and the document was/was not resubmitted for WB review and approval. On 3 September 2025, the World Bank team and PIU E&S specialists (KWSSIP-II) met with STDC and agreed that any residual gaps identified in the ESIA would be incorporated into the Contractors' CESMPs at the time of mobilization. The final ESIA was submitted to the World Bank on 4 September 2025. The PIU received the Bank's review comments on 24 September 2025.. STDC has limited E&S capacity, with only one HSE Specialist overseeing the project's environmental and social aspects, but they have demonstrated cooperation with the PIU E&S team throughout the ESIA review process and have agreed to incorporate any remaining ESIA gaps into the Contractors' CESMPs during project mobilization.

The project is currently affected by funding shortfalls. Consequently, STDC has not issued IFC(Issued for Construction) drawings/instructions to the selected EPC Contractors for both the Transmission Line and Grid Station packages. Once financing is restored, STDC will issue IFCs immediately so that contractor mobilization and CESMP preparation and finalization can proceed.

It has been further communicated to STDC by PIU E&S specialists that the CESMPs and RP has to be submitted and approved before the start of the construction works.

### **7.6. Critical Habitat Assessment – Kinjhar Lake Conservation Action Plan**

In response to increased water abstraction from Keenjhar Lake—which will rise to 910 MGD with the addition of 260 MGD from the K-IV Main Project—a Critical Habitat Assessment (CHA) is being

undertaken as part of the broader Kinjhar Lake Conservation Action Plan (KLCAP). The CHA study builds upon the Ecological Assessment for Downstream Indus Impacts and the K-IV Environmental Impact Assessment (EIA), and aligns with the World Bank’s ESS-6 on biodiversity conservation.

The CHA aims to:

- Identify and assess habitats of high conservation value.
- Evaluate impacts of increased abstraction on sensitive ecosystems.
- Recommend measures for mitigation, habitat restoration, and long-term biodiversity management.

**Progress this Quarter**

- Submission of Draft CHA Report to the WB on 19<sup>th</sup> September 2025
- Presentation to the WB during the E&S mission on 23<sup>rd</sup> September, 2025 of the CHA Study.
- Finalization of the Report

**7.7. Kinjhar Lake Conservation Action Plan (KLCAP) Committee**

The first meeting of the Kinjhar Lake Conservation Action Plan (KLCAP) Committee was held on 29 July 2025 at PIU–KWSSIP, chaired by the Chief Engineer, Kotri Barrage (Irrigation Dept., GoS), with participation from KWSC, Irrigation, Forest & Wildlife Departments, WWF, IUCN, and the University of Karachi. The session introduced participating institutions and clarified the Committee’s objectives. The Environmental Specialist (PIU–KWSSIP) presented the Ecological Assessment Study and the proposed KLCAP, while the Irrigation Department briefed the forum on the Karli Baghar Feeder Upper (KB Feeder) works and the status of Kinjhar Lake. The PIU Environmental Specialist also informed members about the Critical Habitat Assessment (CHA) Study, noting that findings will be shared at the next meeting and members’ feedback will be incorporated. Members expressed interest and willingness to support coordinated conservation actions. The responsibilities of the various stakeholders were explained using the KLCAP as the guiding framework, ensuring clarity on roles and expected contributions.

<b>KLCAP Action</b>	<b>Implementation Responsibility</b>	<b>Timings</b>	<b>Status</b>	<b>Remarks</b>
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 <sup>th</sup> 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 completion date is 28 <sup>th</sup> 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.
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	TORs are to be developed and the procurement process initiated.
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.



## 8. Implementation of Stakeholders' Engagement Plan

Stakeholder consultations were conducted with institutions, businesses, and community representatives located within the project corridor and its influence area to inform them about the proposed project and obtain their feedback. The consultations were carried out between July and September to understand stakeholder concerns, identify potential impacts, and incorporate local inputs into project planning and implementation. A summary of the consultation activities is presented in the table below and details are attached as Annexure A.

S. No.	Stakeholder / Receptor Type	Project Area / Location	No. of Consultation Events	No. of Participants	Venue of Consultation	Consultation Period
1	Institutions within the project area	2.7 km project road corridor	9	10	SSUET, Sindh Infectious Diseases & Research Centre, FUUAST (Department of Environmental Science), Al-Mustafa Medical Centre, Ashfaq Memorial Hospital, FUUAST, The Cancer Foundation Hospital, SSUET, FUUAST	Jul-Sep
2	Businesses within the project area	2.7 km project road corridor	32	32	Masha Allah Create, Shalamar Nursery, Shaheen Nursery, Karachi Hockey Association, Masha Allah Create, Shaheen Nursery, Shalamar Nursery, Meezan Bank, Habib Bank Pvt Limited, Jofa Tower, Bank Islami, KFC, Al-Ghafoor Booking Office, National Bank of Pakistan, MCB Bank, Sindh Bank, Jauhar Electronics, Air Travel World, U-Bank, Vape & Beyond, Al-Khair Overseas Employment, Aga Khan Lab, Zamanat Vat Hospital, Quetta Fish Restaurant, Darbar Restaurant, The Co2 Soda Shop, Quetta sajji House, Mehran Sajji, Zellbury, Cambridge, Saya, INDURE	Jul-Sep

<b>S. No.</b>	<b>Stakeholder / Receptor Type</b>	<b>Project Area / Location</b>	<b>No. of Consultation Events</b>	<b>No. of Participants</b>	<b>Venue of Consultation</b>	<b>Consultation Period</b>
3	Community/ Building Unions	Project influence area	4	4	Farah Apartment, Farah Apartment, Zahid Apartment, Bank Islami Building	Jul-Sep

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

**Period:** 18 August – 03 October 2025

**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.

Consultations were conducted with universities, hospitals/clinics, banks, businesses, residential building unions, nurseries/contractors, and civic bodies along or near the 2.7 km alignment. Stakeholders were briefed on closures, alternate routes/gates, safety controls, and the project GRM. Institutions generally acknowledged the plan and requested timely notices and focal contacts; medical facilities clarified emergency capability; universities coordinated gate access and scheduling.

During the reporting period, **52 consultations** were conducted, engaging **54 participants** in total. Consultations covered universities, hospitals/clinics, banks, businesses, residential building unions, nurseries/contractors, and civic bodies located along or near the **2.7 km project alignment**. Stakeholders were briefed on planned closures, alternate routes and gates, safety controls, and the project Grievance Redress Mechanism (GRM). Overall, institutions acknowledged the proposed arrangements and emphasized the need for timely prior notices and designated focal persons; medical facilities clarified emergency access requirements, while universities coordinated gate access and activity scheduling.

Overall, stakeholders' primary concern related to the project completion timeline, particularly in the context of the ongoing KBRT project. They noted fatigue due to prolonged disruptions caused by KBRT-related activities and emphasized that they did not wish to experience additional inconvenience or disturbance as a result of the current project, highlighting the importance of timely completion and clear scheduling.

In response, it was clarified that the construction schedule has been designed to minimize disturbance to the community. Construction activities will be carried out in manageable sections rather than simultaneously along the entire corridor. Additionally, a Traffic Management Plan (TMP) has been developed and shared with the community to facilitate the use of alternative routes during construction.

Notwithstanding these concerns, stakeholders appreciated the project, acknowledging Karachi's significant water-related challenges and recognizing that the project would contribute positively toward addressing these issues.

S/No	Date	Organization	Name	Designation	Discussion
1	18-Aug-2025	Sir Syed University of Engineering & Technology	Mr. Engr. Muhammad Din Mr. Engr Osama Ahmed	Director Maintenance & Service Consultant Maintenance & Service	Discussed with university management About the project due to which the road will closed for the time period. We Informed them that since the road will be closed, they will need to use the alternate gate to ensure there is no disruption or inconvenience. The management agreed on it.
2	18-Aug-2025	Masha Allah Create	Mr Jahangeer Khan	Contractor	Discussed with the contractor about the project and road closure due to work we have provided a detailed briefing about our project.
3	18-Aug-2025	Shalamar Nursery	Mr Yousaf	Contractor	Discussed with the contractor about the project and road closure due to work we provided a detailed briefing about our project.
4	18-Aug-2025	Shaheen Nursery	Mr. Ghulam Fareed	Contractor	Discussed with the contractor about the project and road closure due to work we provided a detailed briefing about our project.
5	29-Aug-2025	Sindh Infectious Diseases & Research Centre	Mr. Dr Abdul Wahid Rajput	Medical Superintendent	Discussed about the Project and road closure also Discussed the possibility of availing Emergency medical Treatment, But They informed is that the hospital only deals with infectious diseases and does not have an emergency or trauma centre.
6	29-Aug-2025	Federal Urdu University Department of Environmental Science	Mr. Muhammad Shumail	Geologist	Discussed with university management About the project due to which the road will closed for the time period. we provided a detailed briefing about our project.

S/No	Date	Organization	Name	Designation	Discussion
7	30-Aug-2025	Al-Mustafa Medical Centre	Mr. Moin Ahmed	Manager Operations & Resource Generation	Discussed with Mr Moin Ahmed About the project and availability of medical treatment in case of potential injuries. And asked them to share any focal person contact detail for any emergency contact, they asked us to provide letter for concern department.
8	01-Sep-2025	Karachi Hockey Association	Mr. Mohsin Ali Khan	Senior Vice President	Discussed With Senior Vice President KHA about the Project we provided a detailed briefing about our project Road Closure Due to Work, they said provide official letter for the record They provided positive feedback, recognizing the project's contribution to addressing water issues and underscoring the importance of timely completion.
9	01-Sep-2025	Ashfaq Memorial Hospital	Mr. Muhammad Zahoor	Administrator	Discussed with Administrator About the project we provided a detailed briefing about our project and availability of medical treatment in case of injuries.
10	04-Sep-2025	Federal Urdu University of Science & Technology	Mr Maroof Ahmed	Assistant registrar	Discussion with the Assistant Registrar of Federal Urdu University, where we provided a detailed briefing about our project. He advised us to meet with the Registrar for further discussion. As the Registrar is currently engaged in meetings, they have been given an appointment of meeting with Registrar on next Monday.(8 September 2025).
11	11-Sep-2025	Masha Allah Create	Mr Jahangeer Khan	Contractor	We had a 2nd meeting with the contractor from MA Create, during which we provided a detailed briefing about the

S/No	Date	Organization	Name	Designation	Discussion
					project. We informed them that during the execution of the K-IV works, the road will be temporarily closed for some time. We advised them to use alternate routes during this period to ensure that their business operations are not affected. We requested them to inform us immediately in case of any complaints or issues, so that appropriate action can be taken promptly. They expressed satisfaction with the information provided.
12	11-Sep-2025	Shaheen Nursery	Mr. Ghulam Fareed	Contractor	We held a meeting with the contractor from Shaheen Nursery, during which we provided a comprehensive briefing about the project. We informed them that, during the execution of the K-IV, the road will be temporarily closed for a certain period, we advised them to use alternate routes during this time to avoid any disruption to their business operations. We also assured them that we will make every effort to complete the work as quickly as possible to minimize inconvenience.
13	11-Sep-2025	Shalamar Nursery	Mr Yousaf	Contractor	We had a meeting with the contractor from Shalamar nursery and briefed them about the K-IV project. They were informed that the road will be temporarily closed during the

S/No	Date	Organization	Name	Designation	Discussion
					course of the work and were advised to use alternate routes to avoid any disruption. The contractor confirmed that they will use the alternate gate located at the backside of their premises. We assured them that all efforts will be made to complete the work as soon as possible, and requested them to inform us in case of any complaints.
14	11-Sep-2025	Meezan Bank	Mr Syed Yawar Abbas	Operations Manager	We had a meeting with the Operations Manager of Meezan 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. We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
15	11-Sep-2025	Habib Bank Pvt Limited	Ms. Yesrab Sagher	Branch Manager	We had a meeting with the Branch Manager of HBL, 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. We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
16	11-Sep-2025	Jofa Tower	Mr. Syed Usman	Project Manager	We had a meeting with the Project Manager of jofa Tower, during which we provided a briefing on the K-IV project. We informed

S/No	Date	Organization	Name	Designation	Discussion
					<p>them about the temporary road closure and requested that any complaints be communicated to us directly.</p> <p>The Project Manager was very cooperative and assured us that the entire building will be informed about the closure and advised to use alternate routes during the construction period</p>
17	12-Sep-2025	Cancer Foundation Hospital	Mr. Muhammad Atif Siddiqui	Administrator	<p>We Had a meeting with Administrator Cancer Foundation Hospital, they were informed that the road will be temporarily closed during the course of the work and were advised to use alternate routes to avoid any disruption.</p>
18	12-Sep-2025	Bank Islami	Mr. Amir Mian	Branch Manager	<p>We had a meeting with the Branch Manager Bank Islami, 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>
19	12-Sep-2025	KFC	Mr. Kashif	Manager	<p>We had a meeting with the Manager KFC , 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>

S/No	Date	Organization	Name	Designation	Discussion
					We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
20	15-Sep-2025	Al-Ghafoor Booking Office	Mr. Mudassir	Costumer Representative	We had a meeting with the CSR Of Al-Ghafoor Booking Office, during which we provided a briefing on the K-IV project. We informed them about the temporary road closure and requested that any complaints be communicated to us directly
21	15-Sep-2025	National Bank of Pakistan	Mr. Muhammad Shahid	Branch Manager	We had a meeting with the Branch Manager of National Bank Of Pakistan, 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. We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
22	15-Sep-2025	MCB Bank	Mr. Damman Ali Shahani	Branch Manager	We had a meeting with the Branch Manager of MCB 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.
23	15-Sep-2025	Sindh Bank	Mr. A-Razaq	Branch Manager	We had a meeting with the Branch Manager of Sindh 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

S/No	Date	Organization	Name	Designation	Discussion
					period to ensure there is no disruption to their operations. we also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
24	15-Sep-2025	Jauhar Electronics	Mr. Ali	CSR	We had a meeting with the CSR Jauhar Electronics, 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.
25	15-Sep-2025	Air Travel World	Mr. Usama	Manager	We had a meeting with the Manager Air Travel world, 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.
26	15-Sep-2025	U-Bank	Mr. Farooq Sheikh	Branch Manager	We had a meeting with the Branch Manager of U- 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. We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
27	15-Sep-2025	Vape & Beyond	Mr. Faizan	Counter Staff	We had a meeting with the vape shop owners and provided them with complete details about the project. We also informed them

S/No	Date	Organization	Name	Designation	Discussion
					about the GRM complaint box, as well as the road closure and alternate routes.
28	15-Sep-2025	Farah Apartment	Mr. Naeem	Building 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.
29	15-Sep-2025	Al-Khair Overseas Employment	Mr. Khalid Jamal	Proprietor	We had a meeting discussion with Proprietor men power agency and provided them with complete details regarding our project, including the road closure and alternate routes
30	15-Sep-2025	Zahid Apartment	Mr. Amaan	Building 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.
31	15-Sep-2025	Bank Islami Building	Mr. Ayub Zaman	CCTV Administrator	We had a meeting with the CCTV Admin Bank Islami, 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. We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
32	15-Sep-2025	Aga Khan Lab	Mr. Abdul Rauf	Administrator	We had a meeting with the Administrator Aga Khan Lab, during which we informed them

S/No	Date	Organization	Name	Designation	Discussion
					<p>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>
33	15-Sep-2025	Zamanat Vat Hospital	Dr. Khawar	Doctor	We had a meeting with the Zamanat vat Hospital, 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.
34	19-Sep-2025	Sir Syed University Of Engineering & Technology	Mr. Amir Hussain Mr. Engr. Syed Tariq Aziz	Registrar Director Planning & Development	Today, we had a meeting with the Registrar, where we provided a detailed briefing about the project and shared the work plan, as the road closure will affect the university's entrance.
35	29-Sep-2025	Khan Quetta Fish Restaurant	Mr. Jameel Khan	Manager	We Had a Discussion with the manager khan quetta fish restaurant in which we have briefly informed about the project and the temporary road closure due to excavation and construction activity. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
36	29-Sep-2025	Darbar Restaurant	Mr. Nasir	Manager	We Had a Discussion with the manager Darbar restaurant in which we have briefly informed about the project and the temporary

S/No	Date	Organization	Name	Designation	Discussion
					road closure due to excavation and construction activity. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
37	29-Sep-2025	The Co2 Soda Shop	Mr. Uzaib Ahmed	Manager	We Had a Discussion with the manager The Soda Shop in which we have briefly informed about the project and the temporary road closure due to excavation and construction activity. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
38	29-Sep-2025	Quetta sajji House	Mr. Sajid	Manager	We had a Discussion with the manager Queta Saji House in which we have briefly informed about the project and the temporary road closure due to excavation and construction activity. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
39	29-Sep-2025	Mehran Sajji	Mr. Azeem	Manager	We had a Discussion with the manager MEHRAN SAJJI in which we have briefly informed about the project and the temporary road closure due to excavation and construction activity. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
40	29-Sep-2025	Zellbury	Mr. Muhammad Azeem	Manager	We had a Discussion with the manager ZELLBURY in which we have briefly

S/No	Date	Organization	Name	Designation	Discussion
					informed about the project and the temporary road closure due to excavation and construction activity. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
41	29-Sep-2025	Cambridge	Mr. Zain	Manager	We had a Discussion with the manager CAMBRIDGE in which we have briefly informed about the project and the temporary road closure due to excavation and construction activity. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
42	29-Sep-2025	Saya	Mr. Afnan	Manager	We had a Discussion with the manager SAYA in which we have briefly informed about the project and the temporary road closure due to excavation and construction activity. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
43	29-Sep-2025	NDURE	Mr. Shahzaib	Manager	We Had a Discussion with the manager INDURE in which we have briefly informed about the project and the temporary road closure due to excavation and construction activity. They were advised to use alternate routes during this period to ensure there is no disruption to their operations.
44	30-Sep-2025	Federal Urdu University Of Science & Technology	Dr. Sadia Khalil	Registrar	We had a discussion with The Registrar About the project due to which the road will closed for the time period. We Informed them

S/No	Date	Organization	Name	Designation	Discussion
					that since the road will be closed, they will need to use the alternate gate to ensure there is no disruption or inconvenience.
45	01-Oct-2025	Hassan Square Apartment #1	Mr. Asghar	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.
46	01-Oct-2025	Hassan Square Apartment #2	Mr. Salman	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.
47	01-Oct-2025	Al-Ahram Plaza	Mr. Abrar Jan	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.
48	01-Oct-2025	Al-Azam Apartment	Mr. Mehmood	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.
49	01-Oct-2025	Saleem Avenue	Mr. Tariq	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

S/No	Date	Organization	Name	Designation	Discussion
					that they will inform all the residents of their building accordingly.
50	03-Oct-2025	JS Bank	Mr. Muhammad Azam Khan	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. We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
51	03-Oct-2025	Bank Makramah Limited	Mr. Syed Muhammad Iqbal	Manager Operations	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. We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.
52	03-Oct-2025	Askari Bank	Mr. Muhammad Aneeqe Malick	Branch Manager	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.

<b>S/No</b>	<b>Date</b>	<b>Organization</b>	<b>Name</b>	<b>Designation</b>	<b>Discussion</b>
					We also requested them to inform us in case of any complaints or issues so that necessary action can be taken promptly.



**Masha Allah Create Contractor**  
**Date: 18-Aug-2025**



**Sir Syed University Management**

**Date: 18-Aug-2025**



**Shaheen Nursery Contractor**

**Date 18-Aug-2025**



**Shalamar Nursery Contractor**

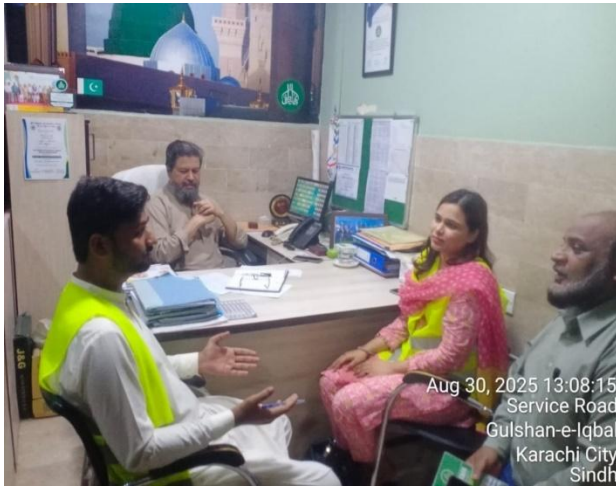
**Date 18-Aug-2025**



**MS Sindh Infectious Diseases & Research Centre**  
Date: 29-Aug-2025



**Department of Environmental Science FUUSAT**  
Date: 29-Aug-2025



**Manager Operation Al-Mustafa Hospital**  
Date: 30-Aug-2025



**Senior Vice President Karachi Hockey Association**  
Date: 01-Sep-2025



**Administrator Ashfaq Memorial Hospital**  
Date: 01-Sep-2025



**Assistant Registrar FUUSAT**  
Date: 04-Sep-2025



**Masha Allah Create Contractor**  
Date: 11-Sep-2025



**Shaheen Nursery Contractor**  
Date: 11-Sep-2025



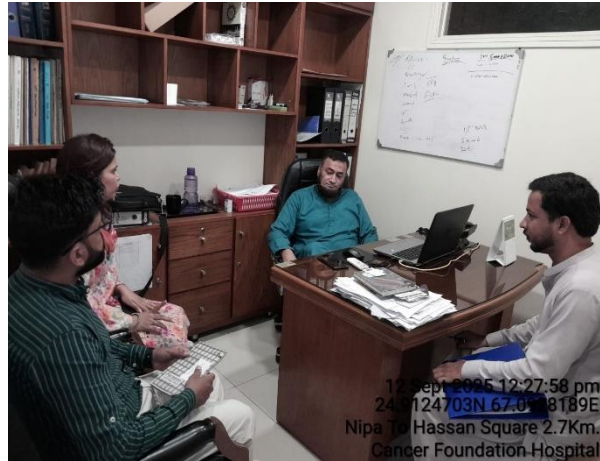
**Operations Manager Meezan Bank**  
Date: 11-Sep-2025



**Shalamar Nursery Contractor**  
Date: 11-Sep-2025



**Project Manager Jofa Tower**  
**Date: 11-Sep-2025**



**Administrator Cancer Foundation Hospital**  
**Date: 12-Sep-2025**



**Project Branch Manager Bank Islami**  
**Date: 11-Sep-2025**



**Manager KFC**  
**Date: 12-Sep-2025**



**Manager Al-Ghafoor Booking**  
Date: 15-Sep-2025



**Manager Air Travel World**  
Date: 15-Sep-2025



**Branch Manager MCB Bank**  
Date: 15-Sep-2025



**Branch Manager National Bank of Pakistan**  
Date: 15-Sep-2025



**Branch Manager Sindh Bank**



**Branch Manager U- Bank**

Date: 15-Sep-2025



Vape & Beyond - Shopkeeper  
Date: 15-Sep-2025

Date: 15-Sep-2025



Jauhar Electronics- Shopkeeper  
Date: 15-Sep-2025



Registrar SSUET



Quetta khan Sajji House – Worker

Date: 19 September 2025



Manager Darbar Restaurant  
Date: 29 September 2025

Date: 29 September 2025



Manager The co2 Soda shop  
Date: 29 September 2025



Manager Quetta Sajji Hotel  
Date: 29 September 2025



Manager Zelburry  
Date: 29 September 2025



Manager CAMBRIDGE



Manager SAYA

**Date: 29 September 2025**



**Manager INDURE**

**Date: 29 September 2025**

**Date: 29 September 2025**



**Registrar FUUSAT**

**Date: 30 September 2025**



**Union Manager Al-Ahram Plaza**

**Date: 01 October 2025**



**Union Manager Al-Azam apartment**

**Date: 01 October 2025**



**Union Manager Hassan Square apartment#1**  
Date: 01 October 2025



**Union Manager Hassan Square Apartment#2**  
Date: 01 October 2025



**Union Manager Saleem Avenue**  
Date: 01 October 2025



**Branch Manager JS Bank**  
Date: 03 October 2025



**Branch Manager Askari Bank**  
Date: 03 October 2025



**Branch Manager Bank Makramah Limited**  
Date: 03 October 2025



## Annexure B. Photolog



Consultation with STDC KIV Power Component on E&S requirements



Meeting on site of 2.7 km of E&S team of PIU with the contractor and consultant on CESMP

Site visit of PIU E&S Team of KB Feeder at 2.4 RD with the Bank Environmental Specialist and XEN & CRE of KB Feeder Rehabilitation Project on 12<sup>th</sup> September, 2025





Site Visit of the Bank E&S Team, PIU E&S Team on the KB Feeder Rehabilitation Project on 25<sup>th</sup> September, 2025





