Quarterly Environmental Monitoring Report

Project Number: IRRIP/OCB/CW/01
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Quarterly Environmental Monitoring Report
October to December 2025

Kyrgyz Republic:

Issyk-Kul Ring Road Improvement Project (Barskoon - Karakol section, 75.2 km)

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Prepared for:

Ministry of Transport and Communications of the Kyrgyz Republic

Approved by: [Name and signature of Executive Agency staff]

Abbreviations

ADB	-	Asian Development Bank
ACP	-	Asphalt Concrete Plant
CAREC	-	Central Asia Regional Economic Cooperation
CSC	-	Construction Supervision Consultant
EMP	-	Environmental Management Plan
SSEMP	-	Site Specific Environmental Management Plan
PIU	-	Projects Implementation Unit
m	-	Meter
km	-	Kilometer
KR	-	Kyrgyz Republic
MPC	-	Maximum permissible concentration
MAC	-	Maximum Allowable Concentration
MoTC KR	-	Ministry of Transport and Communication of KR
MF KR	-	Ministry of Finance of the Kyrgyz Republic
MoCT KR	-	Ministry of Culture and Tourism of the Kyrgyz Republic
MNRETS KR	-	Ministry of Natural Resources, Environment and Technical Supervision of the Kyrgyz Republic
IKRO MNRETS		Issyk-Kul Regional Office of the Ministry of Natural Resources, Environment and Technical Supervision of the KR
MoE KR		Ministry of Energy of the Kyrgyz Republic
DPSSESD	-	Disease Prevention and State Sanitary and Epidemiological Surveillance Department of the Ministry of Health of the Kyrgyz Republic
TR	-	Terms of Reference
SR	-	Safety Rules
FS	-	Feasibility Study
CBP		Concrete Batching Plant
CSP	-	Crushing and Screening Plant
RME	-	Road Maintenance Enterprise
HCHS	-	Historical and Cultural Heritage Site;
EIA	-	Environmental Impact Assessment
LP	-	Labor Protection
HS	-	Health Safety
OHS	-	Occupational Health and Safety
LLC	-	Limited Liability Company
HCHSPP	-	Historical and Cultural Heritage Site Protection Project
PPE	-	Personal Protective Equipment
RCP		Reinforced concrete products manufacturing facility

Table of Contents

List of Tables:

List of Figures:

1. INTRODUCTION.

1.1 Preamble.

1. This Report presents the Quarterly Environmental Monitoring Review for the Issyk-Kul Ring Road Improvement Project (Barskoon - Karakol section, 75.2 km).

2. This report is the 2nd EMR for the project, covering the three months of project work conducted from October to December 2025.

3. This Report provides a comprehensive overview of the project's performance in preventing adverse environmental impacts. The observations, corrective actions, and mitigation measures presented herein are based on the results of joint regular monitoring conducted by the CSC environmental specialists in coordination with the PIU Environmental Officer. This monitoring arrangement applies to the current reporting stage and may be revised during periods of active construction, if deemed necessary to ensure adequate environmental oversight.

1.2 Headline Information.

4. During the reporting period, the "Issyk-Kul Ring Road Improvement Project" (Barskoon - Karakol section, 75.2 km) was at the stage of mobilization, arrangement of camps and preparation for the deployment of the main construction and installation works. As a **Category "A" project** located within the Issyk-Kul Biosphere Territory, monitoring focused on establishing baseline environmental data and ensuring compliance with the Site-Specific Environmental Management Plan (SSEMP).

5. During the reporting period, work was underway to obtain permits, set up and complete construction camps, and install office and residential facilities for staff. Construction of the production sites, including the installation of an asphalt concrete plant (ACP), Crushing and screening plant (CSP), Concrete batching plant (CBP), as well as supporting infrastructure, continued. The contractor also developed quarries and cleared trees along the road. More detailed information is provided below.

6. Physical Progress and Construction Activities:

- Geodesy: Surveys of natural ground levels and road cross-sections are 100% complete.

- Earthworks: Actual progress reached 0.8% for excavation and 25.08% for embankments.

- Tree Cutting: Removal of trees along both Lots was fully completed in October 2025, with a total of 5,386 trees felled (2,646 on Lot 1 and 2,740 on Lot 2).

- Winter Maintenance: Due to heavy snowfall and low temperatures in December, construction shifted focus to snow clearing and road sanding to maintain traffic flow.

7. Infrastructure and Resource Management: The Contractor (CRBC) has established five camps for personnel and two main production sites (at km 167+360 and km 202+220). These bases ACP, CSP, CBP and precast concrete production areas. Construction of bitumen storage pits is also ongoing. To supply the project with aggregates, the contractor has 18 quarry sites (12 were in operation) and 30 waste dump sites (11 were in use). The Contractor

has obtained all necessary permits for quarry developments and disposal of unsuitable soil. The list of permits obtained is shown in Table 6.

8. The Contractor organized five worker accommodation camps and offices:

- Kichi-Jargylchak village, km 150+610 LHS, 30 m from the road – worker accommodation camp (for 80 people);

- Ak-Terek village, km 152+700 LHS, 10 m from the road – worker accommodation camp, office (for 60 people);

- Darkan village, km 167+360 RHS, 750 m from the road - Camp for workers' accommodation, office (for 30 people);

- Chyrak village, km 199+460 LHS, 220 m from the road – worker accommodation camp, office (for 96 people);

- Chyrak village, km 202+220 RHS, 6 512 m from the road – worker accommodation camp (for 30 people) and a laboratory.

9. Environmental Monitoring and Compliance: In October and November 2025, the Contractor conducted baseline instrumental environmental monitoring of air quality, surface water, noise, and vibration levels.

- Air and Water: Results generally showed a stable environment, though a single instance of oil products exceeding limits by 3.5 times was found in the Juuku River.

- Noise/Vibration: Levels were mostly within sanitary norms, though slight exceedances (1–3 dBA) occurred near the camp boiler room in Ak-Terek.

10. Water samples from the Kichi-Zhargylchak, Dzhuuku, Chon-Kyzyl-Suu, and Chyrak rivers revealed the following:

- petroleum product concentrations exceeding the MPC established for fisheries and other water use (1.5 to 3.7 times);

- petroleum product concentrations are within the MPC limits for cultural and domestic water use.

11. These water bodies are located within the boundaries of populated areas. According to the Surface Water Protection Rules, approved by the Kyrgyz Republic Resolution No. 128 of March 14, 2016, water quality requirements for cultural and domestic water use apply to all sections of water bodies located within the boundaries of populated areas, regardless of their type of use.

12. Monitoring was conducted prior to the commencement of construction work, and the obtained values are background values, and the detected excesses are not related to the implementation of the Project.

13. Exceeding the MPC values for petroleum products may be due to anthropogenic factors associated with nearby rivers and their tributaries:

- Households: use and storage of fuel (gasoline, diesel), motor oils, and other petroleum products for household appliances and vehicles; possible leaks during storage and operation.

- Runoff from roads and courtyards where vehicles are used.

14. Key Issues and Non-Compliances: A total of 18 non-compliances were identified during the reporting period, with 13 remaining open as of December 2025. Critical issues include:

- Archaeology: Mandatory excavations within the 50-meter zone of 14 historical and cultural heritage sites have not yet begun.

- Permits: The Contractor is still missing the Environmental Passport, air emission permits for plants, and officially approved designs for the ACP and CSP.

- Health and Safety: Serious violations were identified in the laboratories (risk of electric shock) and the unsatisfactory condition of road signs on Lot 2.

- Waste Management: Evidence of illegal waste burning and a lack of timely trash removal was discovered at the Lot 2 camp in Chyrak.

15. The project team acknowledges the Bank's requirement regarding compliance with the Ministry of Culture's resolution. We confirm the following status and actions:

• Current Compliance Status: During the reporting period (October - December 2025), it was recorded as a critical non-compliance that mandatory archaeological excavations and surveys within the 50-meter buffer zone of 14 heritage sites had not yet commenced. Since the start of the Project, the Contractor has received repeated reminder letters from the Ministry of Transport and Communications of the Kyrgyz Republic and the Consultant regarding the need to ensure archaeological excavations of the HCHS with the involvement of an archaeologist before the start of construction work (letters from the Ministry of Transport and Communications of the Kyrgyz Republic No. 14-10/7549 dated July 29, 2025 and No. 14-11/9365 dated September 16, 2025; letters from the Consultant KYR003_CRBC_54_SM dated September 12, 2025, KYR003_CRBC_81_SM dated September 30, 2025). Consequently, construction work was prohibited in these affected areas to protect potential findings.

• Appointment of Archaeologist: As part of the mandatory corrective actions, the Contractor is required to engage a qualified archaeological team and obtain an 'Open Sheet' permit from the Ministry of Culture. This team will be responsible for conducting the excavations, monitoring earthworks in sensitive zones, and implementing the 'stop-work protocol' immediately if any artifacts are discovered.

• Timeline: The Contractor has officially submitted a revised schedule, planning to commence the mandatory archaeological surveys and excavations in March 2026. Construction work in the buffer zones will only be permitted after the Engineer receives the excavation reports and written clearance from the Ministry of Culture.

16. The project team confirms that the lack of an Environmental Passport and air emission permits for production plants constitutes a significant non-compliance with both national legislation and the ADB Safeguard Policy Statement.

- The Contractor has been set a strict deadline of 30 March 2026 (Letter from the MoTC KR No. 14-8/5 dated January 28, 2026) to submit the Environmental Passport, obtain air pollutant emission permits for all production sites (ACP, CSP, CBP), and secure official approval for the plant construction designs from the IKRO MNRETS KR.

- In response to the Bank's concern regarding the continuation of works:

o The Consultant has already issued official instructions stating that these permits must be secured before the commencement of operation (commissioning) of the production sites.

o During the reporting period, the activities at these sites were limited to installation and preparatory work.

o Furthermore, as of December 2025, the majority of construction and quarrying activities have already been voluntarily suspended by the Contractor due to adverse winter weather conditions (snowfall and low temperatures), with focus redirected to road maintenance.

- The CSC is strictly monitoring this issue as one of the 13 open non-compliances. If the permits are not secured by the start of the active 2026 construction season, the Engineer will exercise its authority to prevent the operation of any production facility lacking the required legal clearance.

17. All observed non-compliances are listed in Section 3.3. (Issues Tracking); inspection reports, submitted to the contractor by official letters for corrective actions are presented in Appendix 1.

18. During October and November 2025, the Contractor carried out active preparatory and construction works, including the full completion of tree felling operations (5,386 trees felled), significant progress in earthworks (reaching 25.08% for embankments), and the installation of production sites (crushing and concrete batching plants). Additionally, baseline instrumental monitoring of air, water, noise, and vibration was successfully finalized during this period. Subsequently, in December 2025, due to unfavorable weather conditions (snowfalls, low temperatures), part of the construction work was suspended, and the main forces of the Contractor were redirected to maintaining the road section and clearing snow.

19. Preventive control measures must be applied to prevent non-compliance before it occurs. Therefore, the Contractor is strongly advised to pay greater attention to environmental performance on an ongoing basis.

20. To effectively prevent non-compliances, the Contractor must transition from a reactive to a proactive management approach, specifically focusing on the following priority areas:

- Mandatory HCHS Procedures: Commencing delayed archaeological excavations at the 14 identified heritage sites by March 2026 and conducting the baseline crack inspection of residential buildings to mitigate future vibration claims.
- Permitting and Legal Compliance: Finalising the Environmental Passport and obtaining all mandatory air emission permits for production plants (ACP/CSP) by 30 March 2026.
- Life-Safety Hazards: Immediately rectifying dangerous electrical setups in site laboratories to eliminate the fatal risk of electric shock and installing required ventilation.
- Operational Discipline on Lot 2: Ensuring a total ban on waste burning at the Chyrak camp and maintaining the physical demarcation of quarry and dump boundaries.
- Infrastructure Standards: Providing hard surfacing for equipment parking areas to prevent soil contamination and upgrading road signage on Lot 2 to meet standard visibility requirements.

PROJECT DESCRIPTION AND CURRENT ACTIVITIES.

2.1 Project Description.

21. The project is in the Issyk-Kul Biosphere Reserve (BRIK), which covers all administrative borders of Issyk-Kul region. The BRIK, which covers an area of 43.1 square kilometers (4,310 ha), is a specially protected natural area included in the World Biosphere Network within the framework of the UNESCO "Man and the Biosphere" program. The BRIK consists of four zones: the core zone; the buffer zone; the transition zone; and the rehabilitation zone. The Karakol-Barskoon road section runs within 1 km from one of the core zones of the Issyk-Kul State Nature Reserve, Ala-Too core zone, and within 10 km from another core zone, Kokui-Kol core zone (Fig. 3). The lake is a Ramsar wetland with biodiversity of global importance and is part of Issyk-Kul Biosphere Reserve. The facility is of primary importance as a wintering place for migratory aquatic birds (up to 70 thousand individuals registered annually). Notable species of aquatic birds include the endangered white-headed duck (Oxyura leucocephala). The lake is the habitat to 28 species of fish, 7 of which are found nowhere else in the world. There are 14 (fourteen) sites of historical and cultural heritage located in a 50-meter zone from the road. Thus, the project belongs to **the category "A"** for environmental safeguards in accordance with the ADB Safeguard Policy Statement 2009 (SPS). Accordingly, the submission of this environmental monitoring report on a quarterly basis aligns with the project's agreed monitoring schedule for a Category A project.

2.1.1 Project Section Location and Basic Design.

22. The Kyrgyz Republic is a landlocked mountainous country, and regional trade is heavily dependent on road transport, which dominates the Kyrgyz transport system and heavily relies on road transport. The government of the Kyrgyz Republic requested the Asian Development Bank (ADB) to assist in financing the implementation of the Issyk-Kul Ring Road Improvement Project (Barskoon - Karakol section, 75.2 km).

23. Central Asia Regional Economic Cooperation (CAREC) Corridors 1 and 3 provide regional connectivity with neighboring Central Asian countries, including Kazakhstan and the People's Republic of China. The Bishkek-Torugart Road (part of CAREC Corridor 1) and the Bishkek-Osh Road (part of CAREC Corridor 3) also link the north and south of the country. Furthermore, the Almaty-Bishkek Economic Corridor stimulates economic growth and creates jobs through increased private investment, trade, and the agglomeration of economic activity. The development of the Issyk-Kul Lake region, the country's most popular tourist destination, is an integral part of the Almaty-Bishkek Economic Corridor. The Issyk-Kul Ring Road is also of strategic importance for the local population's livelihoods, including women and vulnerable groups, as it expands employment opportunities and facilitates access to markets for agricultural products and livestock. The Issyk-Kul Ring Road Improvement Project will contribute to these initiatives by addressing the internal connectivity issue between the Issyk-Kul Ring Road and CAREC Corridor 1.

24. The Issyk-Kul Ring Road has exceeded its design life, and substantial rehabilitation is needed along much of the corridor. The road is in poor condition, with low capacity and inadequate traffic volumes during the tourist and harvest seasons, posing a safety risk. Roadside public services, such as visitor centers, public restrooms, and street lighting, are often insufficient, which reduces tourist satisfaction. The government is partially reconstructing the ring road at its own expense and with the assistance of other development partners, including the ADB, Arab Coordination Group and the European Bank for Reconstruction and Development. The project aims to reconstruct the remaining section of the road and support the implementation of an action plan jointly developed by the Ministry of Transport and Communications (MoTC KR) and the Ministry of Culture, Information, Sports, and Youth Policy for the development of tourism infrastructure in the Issyk-Kul region by providing services along the project road.

25. The Project aims to improve transport communication and market access in the Kyrgyz Republic. The Project will result in efficient freight and passenger traffic movement along the Issyk-Kul Ring Road, improving the safety of both road users and pedestrians and minimizing the road's environmental impact in terms of noise from passing traffic by reconstructing the asphalt pavement.

26. The Project will improve the following socio-economic indicators of the regions of the Kyrgyz Republic:

- Reduction of transport costs due to improved road conditions.
- Increased local and international traffic.
- Additional income opportunities for residents.
- Creation of new jobs.
- Good condition of vehicles / Reduced operating costs.

27. The Issyk-Kul Ring Road Improvement Project, which envisages the reconstruction of the existing 75.2-km ring road from the village of Barskoon (km 141+600) to the city of Karakol (km 220+000) in the Issyk-Kul region of the Kyrgyz Republic. As a result of the reconstruction, the existing two-lane road will be widened to four lanes. The project also includes replacing four existing bridges and constructing one new bridge, culverts, rest areas, bus stops, and pedestrian paths, as well as the installation of street lighting, traffic islands, and other elements that will improve road safety. The project road map is shown in Figures 1 and 2. The villages located along this section of the road are listed in Table 1 and shown in Figure 3.

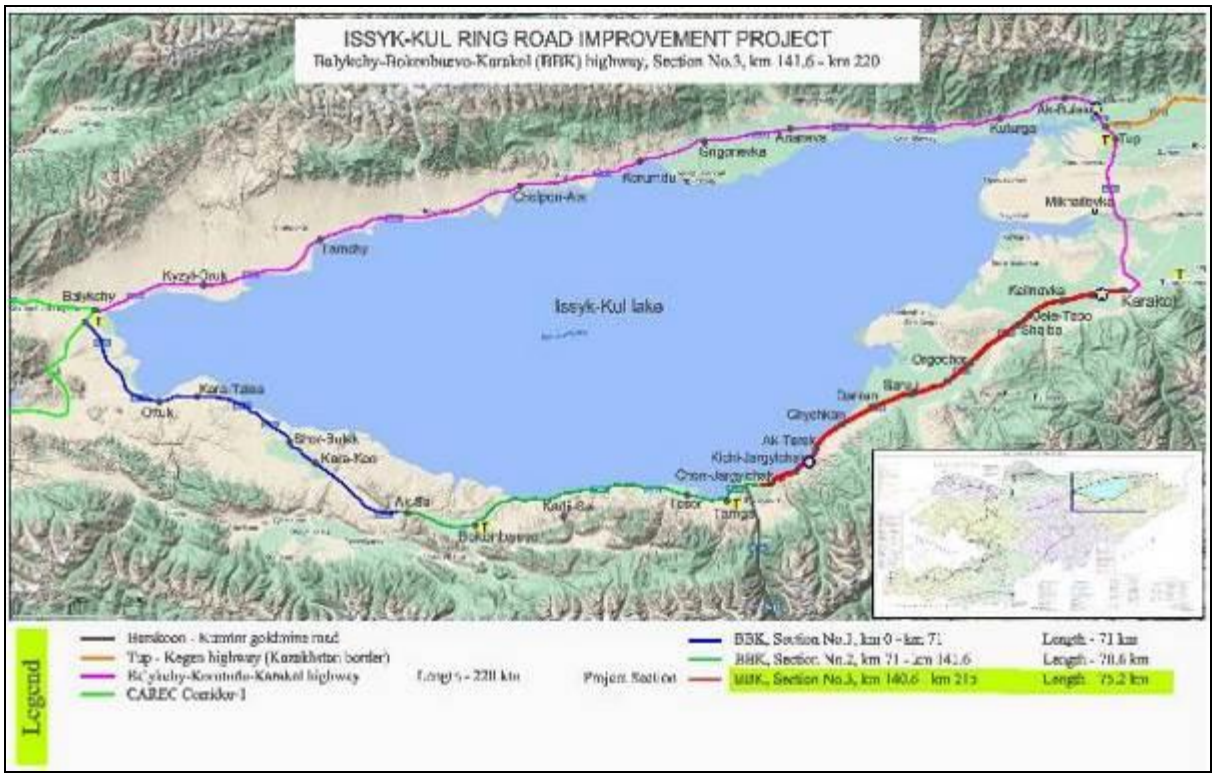

Figure 1: Map of the Issyk-Kul Ring Road (Barskoon - Karakol section, 75.2 km).

Figure 2: Map of the location of the Barskoon - Karakol section, km 141+600 – km 220+000.

28. The project road is located in the Jeti-Oguz and Ak-Suu districts. In the Jeti-Oguz district, the project road (km 141+600 – km 210+000) passes through the settlements/villages of Chon-Zhargylchak, Kichi-Jargylchak, Ak-Terek, Chychkan, Darkhan, Saruu, Kyzyl-Suu, Orgochor, Shalba, Chirak, Dzhele-Tobe, Kytai, Kyzyl-Dyikan, and Kalinovka. In the Ak-Suu district (km 210+000 – km 220+000), it crosses a small part of the city of Karakol (Figure 3). For most of its length, the existing section of the ring road from Barskoon to the city of Karakol crosses agricultural lands planted with vegetables, grain, and forage grasses.

Figure 3: Location of settlements on the Barskoon - Karakol section, km 141+600 – km 220+000.

Table 1: Names of Settlements along the Project Road Section.

№	Settlement	№	Settlement	№	Settlement
1	Barskoon	7	Saruu	13	Kytay
2	Chon-Zhargylchak	8	Zhalgyz-Oruk	14	Baltabay
3	Kichi – Zhargylchak	9	Kyzyl-Suu	15	Konkino
4	Ak-Terek	10	Orgochor	16	Yrdyk
5	Zhenish	11	Tilekmat	17	Karakol
6	Darkhan	12	Zhele - Dobo		

29. In accordance with the "Land Acquisition and Resettlement Plan" and "SDDR" the project site is divided into 3 sections:

- Section 1 - the length of the section is 14.2 km (from km 182+860 to km 197+080) without impact on households. It is necessary to transfer to the contractor the site free from the "Land Acquisition and Resettlement Plan" immediately after the start date of the contract. The following settlements are located on this section of the project road:
  - Kyzyl-Suu (km 178+800 - km 183+800);
  - Orgochor (km 185+000 – km 186+100);
  - Tilekmat (km 185+900 – km 199+000).
- Section 2 - the length of the section is 18.7 km (from km 197+080 to km 215+827). The section will be transferred to the contractor 6 months after the start date of the contract (upon completion of the "Land Acquisition and Resettlement Plan"). The following settlements are located on this section of the project road:
  - Tilekmat (km 185+900 – km 199+000).
  - Zhele- Dobo (km 199+650 – km 201+400);
  - Kytay (km 204+800 – km 205+450);
  - Baltabay (km 206+750 – km 207+700);
  - Konkino (km 208+000 – km 208+650);
  - Yrdyk (km 209+500 – km 210+900);
  - Karakol (km 214+600 – km 215+827.)
- Section 3 - the length of the section is 42.2 km (from km 140+605 to km 182+860). The section will be transferred to the contractor 12 months after the start date of the contract (upon completion of the "Land Acquisition and Resettlement Plan"). The following settlements are located on this section of the project road:
  - Barskoon (km 140+605 – km 142+800);
  - Chon-Zhargylchak and Kichi – Zhargylchak (km 146+400 – km 151+500);
  - Ak-Terek (km 152+900 – km 155+950):
  - Zhenish (km 160+550 – km 162+800);
  - Darkhan (km 167+600 – km 172+100);
  - Saruu (km 172+300 – km 175+600);

- Zhalgyz-Oruk (km 177+800 – km 178+200);
- Kyzyl-Suu (km 178+900 – km 183+800).

30. The project passes inside about total 32 km length of settlement areas.

Features will be provided for settlement areas:

- Lighting (80 km length);
- Signalization (141 set);
- Pedestrian ways (47 km);
- Pedestrian Safety Fences;
- Service ducts (reserve channels);
- New bus stops (104 bus stops).

2.1.2 Work Scope under Contract.

31. Details of the designed project road section:

To restore and lay the project road to Technical Category I from Barskoon (km 141+600) to Karakol (km 220+000) in accordance with the National Standard of Kyrgyzstan with geometric and structural requirements with an estimated speed of 120 km/h outside settlements and 60 km/h in villages.

32. The road was designed in accordance with the geometric design standards of the Kyrgyz Republic and, accordingly, must effectively withstand traffic loads over the projected service life. The road has four lanes, consisting of the carriageway width (the sum of the lane widths) and the shoulder width. The design elements for the project road cross-section are as follows:

- Number of lanes: 4
- Lane width: 3.5 m
- Carriageway width: 14.00 m
- Shoulder width: 2.5 m (of which 0.50 m asphalted)
- Total road width: 22.6 m (in populated areas up to 28.8 m)

33. The project will improve connectivity and safety along the route with a climate-resilient four-lane, HMA, 75.2 km highway.

- Culverts On the main road-175 pcs, (5 275 m).
- Culverts On the ramps-241 pcs (5 062 m).
- Ditches 61 344 m^3.
- Parapet barriers “Sapozhok” (24 998 m).
- Parapet fence "New Jersey" (71 352 m).
- Parking places with rest area- 6 pcs.
- Bus stops - 104 pcs.
- Asphalt (9+6=15 cm) – 204 000 m^3.

34. The project includes nine (9) Underpasses.

- One (1) Underpass is Box Culvert 4.0x2.5 m.
- Eight (8) Underpasses are Box Culvert 3.0x2.5 m.

Total length of underpasses is 249 m.

35. There are a total of five (5) bridges along the project road which consist of precast beams and R/C slab

- Rehabilitation of four (4) existing bridges, and
- Construction of one (1) new bridge.

Total length of the bridges is 107 m.

Additionally, one (1) Aqueduct (64 m).

36. The project provides for the construction and repair of the following engineering structures and communications, as well as the parameters of the scope of work.

- Asphalt pavement 103 963 m^3;
- Binder with 9 cm thickness – 62 225 m^3;
- Wearing layer with 6 cm thickness – 41 738 m^3;
- Base, with 20 cm thickness – 148 771 m^3;
- Lower shoulder with 20 cm thickness – 70 648 m^3;
- Upper shoulder with 15 cm thickness – 61 301 m^3;
- Subbase with 25 cm thickness – 361 612 m^3.

2.2 Project Contracts and Management.

37. Figure 4 shows a scheme of project activities' organizational structure and management. Table 2 lists representatives of the main organizations involved in the project and related to environmental protection. A list of the representatives currently involved in the organization and implementation of the project work has been updated and shown in Tables 3 and 4.

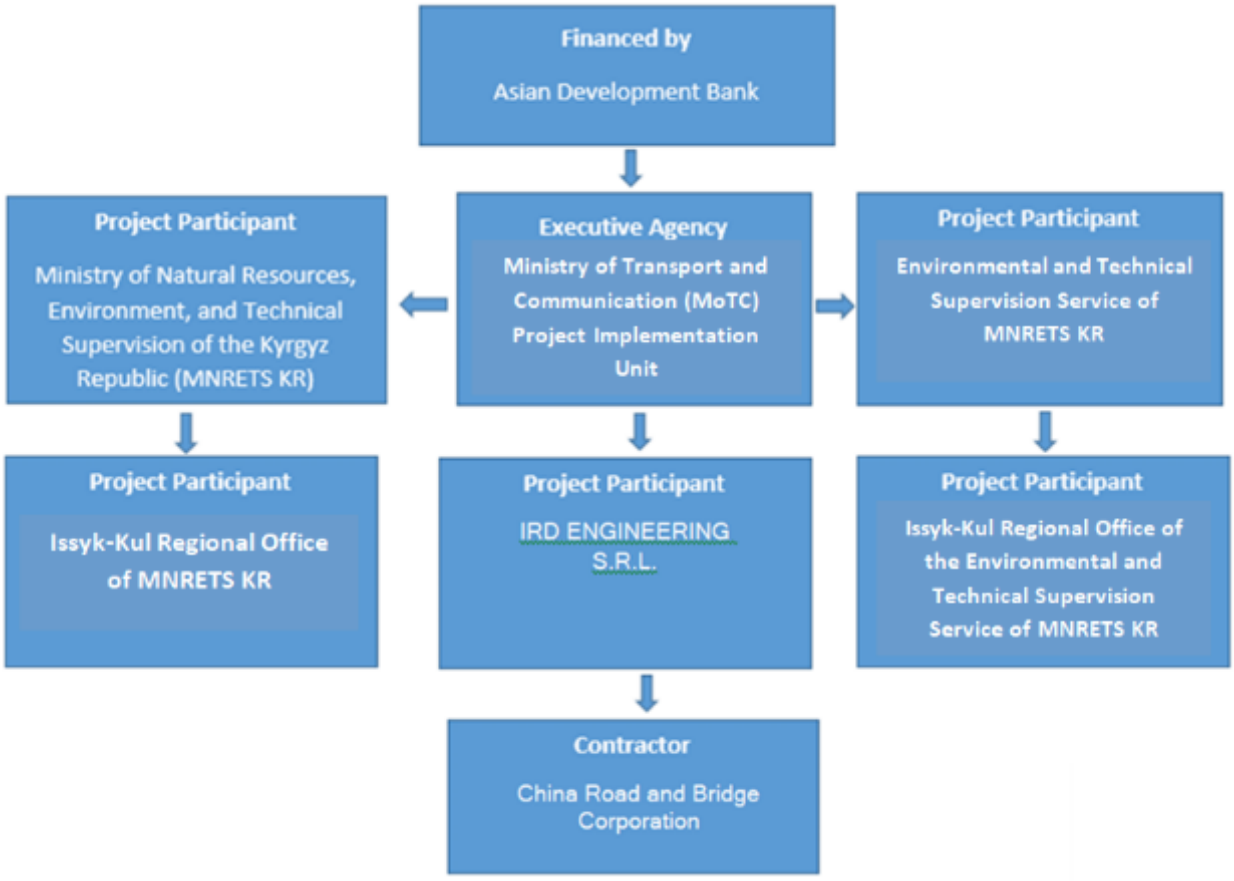

Figure 4: Project Organizational Structure and Management.

Table 2: Main organizations involved in the project.

№	Name of company	Activities in the project	Responsible persons for environmental protection	Contact details
1	ADB	Country Environmental Focal	Mr. Lizandro Racoma	lracoma@adb.org
2	ADB	Environmental Specialist (Consultant)	Sultan Bakirov	sbakirov.consultant@adb.org
3	PIU MOTC KR	Environmental Officer	Asylbek Abdygulov	asylbeka@piuMOTC.kg
4	Consulting Company: IRD ENGINEERING S.R.L.	International Environmental Specialist	Olga Syzonenko	olga.syzonenko82@gmail.com
5	Consulting Company: IRD ENGINEERING S.R.L.	National Environmental Specialist	Nasiba Akhmatova	ahmatovanm@gmail.com
6	Contracting company: China Road and Bridge Corporation	Environmental Specialist, Lot 1	Isake Beisheev	bejseevisake@gmail.com
7	Contracting company: China Road and Bridge Corporation	Environmental Specialist, Lot 2	Daniyar Kaiduev	daniar.kaiduev@mail.ru

Table 3: List of Key Consultant's Employees.

International Employees	
Team Leader/Chief Resident Engineer	Selcuk Mutlu
Structures/Bridges Engineer	Sabir Mehrabov
Pavement/Materials Engineer	Seyfettin Akinci
Environmental Specialist	Olga Syzonenko
Social and Resettlement Specialist	Irakli Kaviladze
Road Safety Audit Specialist	Egidijus Skrodenis
Contract Specialist	Mehman Huseynov
Project Management Software Specialist	Baki Kuran
National Employees	
Deputy Team Leader	Ibragim Oserov
Structures/Bridge Engineer	Sherikbek Turdubaev
Pavement/Materials Engineer	Kerim Kaparov
Environmental Specialist	Nasiba Akhmatova
Social/Resettlement Specialist	Azamat Omorbekov
Road Safety Specialist	Ruslanbek Kasymov
Health and Safety Specialist	Ainagul Isakova
Biodiversity Specialist	Sergei Krivoruchko
Vibration Specialist	Iskender Bulanbekov
Quality Control Engineer	Nurlan Sadykov
Quantity Engineer	Saadalbek Kaparov
Topographic Surveyor	Nurlan Nuraliev
Inspector - Structures	Kylych Adylbek uulu
Inspector - Roads, Drainage, Electrical	Temirlan Nurkalykov
Laboratory Technician	Uraimov Nurbek
Laboratory Technician	Aibek Sagymbaev
Laboratory Technician	Talgarbek Ibraev
Topographic Technician	Nurmamat Baimyrzaev
Topographic Technician	Temirlan Iusupov
Quantity Surveyor	Maksat Satindiev
CAD Operator	Atai Shekeev
Design Engineer	Edil Shabdanov
Office Manager/Accountant	Ulugbek Kadyrbekov
Translator/Secretary	Nursultan Suiunbekov

Table 4: List of Key Contractor's Employees.

№	Position	Personnel	
		Lot 1	***Lot 2***
	International Employees		
1	Project Manager	Sun He	Xie lei
2	Deputy Project Manager	Guo Xiangchun	Chu Chunlin
3	Project Chief Economist	Shang Guofu	Li Tuo
4	Chief Engineer of the Project	Li Shanpu	Hu Yingming
5	Head of the Engineering Department	Li Xin	Sun Haonan
6	Head of the Technology Department	Zhao Hongshuai	Sun Shuai
7	Technician	Wang Jiaxiang	-
8	Measurement team leader	Yu Si	
9	Laboratory Director	Jiao Yunshuai	-
10	Laboratory Engineer	-	Cui Chuanshui
11	Laboratory Engineer	-	Zheng Yunchang
12	Head of Materials Department	Sun Enzhong	Wang Ruiming
13	Procurement Specialist	-	Wang Chun
14	Contract Department Officer	Li Liang	-
15	General Affairs Specialist	-	Yang Jing
16	Working District Director	Han Jianping	-
17	Head of the vehicle fleet	-	Liu Wenguo
18	Head of the vehicle fleet	-	Li Meng
19	Chef	Zhao Yongxian	-
	Local Employees		
20	Translator	Kazybek kyzy Eliza	Zakaria Khakimov
21	Translator	Aizhamal Zamirova	Kamilbek Kenzhevaev
22	Translator	Mederbek Mambetov	Anvar Ismaev
23	Translator	-	Beishen uulu Rysbek
24	Designer	-	Tilek Myktar-al Seravan
25	Environmental protection officer	Isake Beisheev	Daniyar Kaiduev
26	Driver	Muhamed Guzirov	-
27	Cleaner	Asyl Akmatova	-
28	Safety officer	Omurbek Zhamanakov	Mairambek Kurmanaliev
29	Greening staff	Akylbek Ormonov	-

38. Table 5 below shows the details of the contract of the contracting company responsible for the road construction work.

Table 5: Project Administrative & Contractual Details (Project Key Data).

Formal Project Name	Reconstruction of 75.2 km to 4 lanes of the Barskoon - Karakol road Section of the Issyk Kul Ring Road
Project No	IRRIP/OCB/CW/01
Project Summary	Reconstruction of 75.2 km of existing 2-lane road into a 4-lane, climate-resilient highway. Aims: boost connectivity, safety, tourism, and economy. Outputs: road upgrades, safety features, maintenance. Project incorporates ADB safeguards for environmental protection, involuntary resettlement, and indigenous peoples; promotes gender equality through inclusive designs and workforce participation.
Contract Number	OCB No. IRRIP/OCB/CW/01
Contract Scope	Widening to four 3.5 m lanes (total asphalted width 17.6 m, with median and paved shoulders); design speeds of 120 km/h (rural) and 60 km/h (urban); replacement/repair of 5 bridges and 1 bridge deck; construction of 8 pedestrian, cattle underpasses, retaining walls, shoulders, sidewalks, and drainage systems. Climate-Resilient Safety Features: Includes rest areas, vehicle charging stations, 104 bus stops, 47 km walkways, 40 km streetlights; $12.5M for safety (high-visibility signs, audio-tactile markings, barriers, raised crossings, inclusive designs for elderly, women, children, and persons with disabilities); $19.15M adaptation measures (e.g., flood-resistant drainage); $3.05M mitigation (e.g., emissions reduction).
Contract Type	Building works designed by the Employer (FIDIC Red Book 2017)
Employer	Ministry of Transport and Communications of the Kyrgyz Republic (MoTC KR)
Consultant (Engineer)	IRD ENGINEERING S.R.L.
Contractor	CRBC - China Road and Bridge Corporation
Contract Amount	$ 119,639,323.75
Date of Bid & Letter of Accept.	BID: 01 November 2024 – LOA: 10 April 2025
Commencement Date	1 September 2025
Planned Completion Date	1 September 2028
Contract Signing Date	28 April 2025
Time for Completion	1,095 days (36-months)
Defects Liability Period	1,825 days (60-months)
ADB Loan No and Date	4485-KGZ(COL), dated November 04, 2024
ADB Grant No and Date	0965-KGZ(SF), dated November 04, 2024
ADB Loan Effectiveness Date	24 April 2025
ADB Loan Closing Date	31 December 2033

2.2.1 Project Management.

39. Relevant institutions working with the project include:

- Ministry of Finance of the Kyrgyz Republic (MOF KR);
- Ministry of Transport and Communication of the Kyrgyz Republic (MOTC KR);
- Project Implementation Unit (PIU) under MOTC KR;
- Ministry of Energy of the Kyrgyz Republic (MOE KR);
- Ministry of Natural Resources, Environment and Technical Supervision of the Kyrgyz Republic (MNRETS KR);
- Department of Disease Prevention and State Sanitary and Epidemiological Surveillance of the Ministry of Health of the Kyrgyz Republic (DDPSSES KR).

40. MOTC KR is responsible for developing the transport sector and is the project's Execution Agency (EA). It has overall responsibility for planning, design, implementation, and monitoring. PIU works under MOTC KR and performs tasks assigned by MOTC KR.

41. MOF KR is the authorized government body responsible for coordinating with ADB and other donors regarding foreign aid issues.

42. MNRETS KR is the leading environmental state agency responsible for state policy in this area and coordinating the actions of other government agencies in these matters. Its functions include:

- development of environmental policy and its implementation;
- carrying out state ecological expertise;
- issuance of environmental licenses;
- environmental monitoring;
- provision of environmental information services.

43. MOE KR monitors compliance with:

I. industrial safety requirements for construction, expansion, reconstruction, technical re-equipment, operation, conservation, and liquidation of hazardous production facilities;

II. requirements of land legislation;

III. safety requirements for equipment and facilities for storing and dispensing oil products and gases, lifting cranes;

IV. requirements for the rules of safe operation during construction, installation, and adjustment of electrical networks and electrical equipment.

44. DDPSSES KR supervises the sanitary and epidemiological welfare of the population, the safety of goods, products, environmental objects, and conditions, and the prevention of the harmful effects of environmental factors on human health.

2.3 Project Activities during the Current Reporting Period.

2.3.1 Contractor's Permitting Documentation.

45. In accordance with the SSEMP, the Contractor is required to comply with all applicable legislative and regulatory requirements of the Kyrgyz Republic applicable to the project activities.

46. The table below shows the documents that the Contractor received.

47. Permitting documents are issued for the entire Project implementation period, except for the Permit for emissions of pollutants and waste placement, which is issued annually for 1 year.

Table 6: The status of obtaining the contractor's permitting documentation.

No.	Legal obligation	Correspondence *(No/Yes/partially)*	Comments
General (for Lot 1 and Lot 2)			
1	Agreement for environmental monitoring	Yes	Agreement No. 118/CRBC/KG/YSKH75/2025A-007 dated 10/03/2025 and No. CRBC/KG/YSKH75/2025A-006
2	Environmental Passport	No	Permitting document must be obtained before March 30, 2026 (letter from the MoTC KR No. 14-8/5 dated January 28, 2026).
3	Permit for emissions of pollutants into the atmosphere	No	Permitting document must be obtained before March 30, 2026 (letter from the MoTC KR No. 14-8/5 dated January 28, 2026).
4	Permission to withdraw water from surface sources	Yes	Jeti-Oguz district water management department No. 01-11/133 dated September 10, 2025 Aiyl okmotu of Barskoon aiyl aimak No. 03-4/237 dated September 16, 2025
5	Open Sheet permit from the Ministry of Culture and Tourism of the Kyrgyz Republic to conduct archaeological excavations at the affected sites.	No	Open Sheet permit must be obtained before March 30, 2026
Lot 1 (km 140+600 – km 182+860)			
Camp at km 150+610			
6	Permission to use the site from the local authorities	Yes	Resolution of the aiyl okmotu village aimak Zhargylchak No. 93 dated July 14, 2025
7	Conclusion on the selection of a site for the construction of a camp by the Issyk-Kul Regional Office of the Ministry of Natural Resources, Environment and Technical Supervision of the Kyrgyz Republic	Yes	Conclusion of the IKRO MNRETS No. 221–1/2025 dated August 26, 2025
8	Conclusion of the State Environmental Expertise Committee of the IKRO MNRETS KR on the camp construction project	No	Conclusion of the IKRO MNRETS KR must be obtained before March 30, 2026
9	Agreement with a utility company for the removal of solid waste	Yes	Agreement No. CRBC/KG/YSKH75/2025A-013 with MP "Barskoon-Service"

No.	Legal obligation	Correspondence *(No/Yes/partially)*	Comments
10	Agreement with a utility company for the removal of wastewater	Yes	Agreement No. CRBC/KG/YSKH75/2025A-013 with MP "Barskoon-Service"
Production site, asphalt plant, concrete batching plant, reinforced concrete products, construction camp km 167+580			
11	Permission to use the site from the local authorities	Yes	Resolution of the aiyl okmotu village aimak Zhargylchak No. 92 dated July 14, 2025 Resolution No. 64 of June 26, 2025 of the local Kenesh village aimak Zhargylchak 1st convocation
12	Conclusion on the selection of the site for the construction of the production site by the Issyk-Kul Regional Office of the Ministry of Natural Resources, Environment and Technical Supervision of the KR (IKRO MNRETS KR)	Yes	Conclusion of the IKRO MNRETS No. 183–1/2025 dated July 2, 2025
13	Conclusion of the State Environmental Expertise Committee of the IKRO MNRETS KR on the construction project of asphalt concrete plants, concrete batching plants, and reinforced concrete products	No	Conclusion of the IKRO MNRETS KR must be obtained before March 30, 2026
14	Agreement with a utility company for the removal of solid waste	Yes	Agreement No. CRBC/KG/YSKH75/2025A-013 with MP "Barskoon-Service"
15	Agreement with a utility company for the removal of wastewater	Yes	Agreement No. CRBC/KG/YSKH75/2025A-013 with MP "Barskoon-Service"
Quarries			
16	Permissions for the extraction of materials from the Kyrgyz Geological Service (KGS) under the Ministry of Natural Resources, Environment and Technical Supervision (MNRETS) of the Kyrgyz Republi	Yes	Permits No. 05-6/5723 dated 28.07.25 from the KGS MNRETS KR, No. 05-6/5871 dated 01.08.25 from the KGS MNRETS KR, No. 05-6/8369 dated 23.10.25 from the KGS MNRETS KR and No. 05-6/8391 dated 23.10.25 from the KGS MNRETS KR were obtained.
17	Permission to use sites for quarries from local authorities	Yes	Resolution of the aiyl okmotu Barskoonsky Aiyl aimak No. 76 of June 30, 2025 on the allocation of a site for quarry development (km. 138+000, km. 142+580). Resolution No. 64 of June 26, 2025, of the local Kenesh village aimak Zhargylchak 1st convocation, for the development of quarries (km. 148+820, 151+280, 152+400, 152+820, 163+000, 167+580) Resolution of the local Kenesh Kyzyl-Suu Aiyl Aimak No. 68 of June 27, 2025 (quarries km 174+400, 174+680, km 178+800, 174+860)
18	Conclusion on the selection of the sites for quarries by IKRO MNRETS.	Yes	No. 182–1/2025 of July 2, 2025
Construction work			

No.	Legal obligation	Correspondence *(No/Yes/partially)*	Comments
19	Permission from the IKRO MNRETS for the placement of unsuitable soil in the environment	Yes	IKRO MNRETS No. 001535 dated July 22, 2025. Valid until 22/07/2026
20	Allocation of land for dumping unsuitable soil from aiyl okmotu	Yes	Letters to Aiyil okmotu on the allocation of areas for dumps of unsuitable soil Aiyl okmotu of Zhargylchak aiyl aimak No. 03-5/962 dated June 27, 2025. Aiyl okmotu of Kyzyl-Suu aiyl aimak No. 03-5/370 dated 06.27.2025 Aiyl okmotu of Barskoon aiyl aimak No. 7 dated 06.30.2025
21	Conclusion on the selection of the sites for the placement of spoil areas by the IKRO MNRETS	Yes	Conclusions of the IKRO MNRETS have been received.
22	Permission to cut down trees	Yes	Tree inspection Act compiled by the commission on June 25, 2025 (the commission included representatives of the contractor, consultant and representative of the IKRO MNRETS) 2,832 trees cut down. In fact, 2,646 trees were cut down. 186 trees were saved. The act confirming the felling of 2,646 trees was drawn up on September 10, 2025.
23	Waste management log	Yes	
24	Dust suppression log	Yes	
Lot 2 (km 182+860 – km 220)			
Camp, office in the village of Chyrak km 199+460			
25	Allocation of a site by local authorities	Yes	Resolution of the aiyl okmotu Jeti-Oguz Aiyl aimak No. 130 of April 29, 2025
26	Conclusion of the State Environmental Expertise Committee of the IKRO MNRETS KR on the camp construction project	No	Conclusion of the IKRO MNRETS KR must be obtained before March 30, 2026
27	Agreement with a utility company for the removal of solid waste	Yes	Agreement with MP Yntymak-service No. 10 dated August 14, 2025.
28	Agreement with a utility company for the removal of wastewater	Yes	Agreement with Individual Entrepreneur (IE) "Alexander Sergeevich Bushuev" No. 15 dated September 2, 2025.
Production site, asphalt plant, concrete batching plant, reinforced concrete products, construction camp km 202+220			
29	Permission to use the site from the local authorities	Yes	Resolution of the aiyl okmotu Jeti-Oguz Aiyl aimak No. 202 of July 21, 2025 Resolution No. 40 of July 11, 2025 of the local Kenesh aiyl aimak Jeti -Oguz XXIX convocation of the 5th session
30	Conclusion on the selection of the site for the construction of the production site by the Issyk-Kul Regional Office of the Ministry of Natural Resources, Environment and Technical Supervision of the KR (IKRO MNRETS KR)	Yes	Conclusion of the IKRO MNRETS No. 206 -1/2025 dated July 25, 2025
31	Conclusion of the State Environmental Expertise Committee of the IKRO MNRETS KR on the construction project of asphalt concrete plants, concrete batching plants, and reinforced concrete products	No	Conclusion of the IKRO MNRETS KR must be obtained before March 30, 2026
32	Agreement with a utility company for the removal	Yes	Agreement with MP Yntymak-service

No.	Legal obligation	Correspondence *(No/Yes/partially)*	Comments
	of solid waste		No. 10 dated August 14, 2025.
33	Agreement with a utility company for the removal of wastewater	Yes	Agreement with Individual Entrepreneur (IE) "Alexander Sergeevich Bushuev" No. 15 dated September 2, 2025.
Quarries			
34	Permissions for the extraction of materials from the Kyrgyz Geological Service (KGS) under the Ministry of Natural Resources, Environment and Technical Supervision (MNRETS) of the Kyrgyz Republi	Yes	Permits No. 05-6/5871 dated 01.08.25 from the KGS MNRETS KR, No. 05-6/8391 dated 23.10.25 from the KGS MNRETS KR and No. 05-6/9010 dated 17.11.25 from the KGS MNRETS KR were obtained.
35	Permission from local authorities for the use of sites for quarries	Yes	Resolutions of the relevant local authorities provide for the allocation of sites for quarry development. These sites are indicated only as outlines with defined areas. The contractor suggests quarries in relation to the project road (PR). Currently, there is no precise identification of which outlines belong to which quarry, making it difficult to compare them and determine the availability of permits.
36	Conclusion on the selection of the sites for quarries by the IKRO MNRETS	Yes	The conclusion of the IKRO MNRETS No. 189–1/2025 dated July 14, 2025
Construction work			
37	Permission from the IKRO MNRETS for the placement of unsuitable soil in the environment	Yes	IKRO MNRETS No. 001542 dated 18.08.2025. Valid until 08/18/2026
38	Allocation of land for dumping unsuitable soil from aiyl okmotu	Yes	Resolution of the aiyl okmotu Jeti-Oguz Aiyl aimak July 21, 2025 Resolution of July 11, 2025 of the local Kenesh aiyl aimak Jeti -Oguz XXIX convocation of the 5th session
39	Conclusion on the selection of the spoil areas for the placement of waste soil dumps by the IKRO MNRETS	Yes	IKRO MNRETS has approved plans for the placement of waste dumps
40	Permission to cut down trees	Yes	Tree inspection Akt compiled by the commission on July 6, June 7, June 14 2025 (the commission included representatives of the contractor, consultant and representative of the IKRO MNRETS) 2,740 trees cut down. The act confirming the felling of 2,740 trees was drawn up on September 10, 2025.
31	Waste management log	Yes	
42	Dust suppression log	Yes	

48. The process of obtaining permits is currently ongoing.

2.3.2 Road Construction Works.

49. During the reporting period, work was underway to obtain permits, set up and complete construction camps, and install office and residential facilities for staff. Construction of the production facility, including the installation of an asphalt concrete plant (ACP), Crushing and

screening plant (CSP), Concrete batching plant (CBP), as well as supporting infrastructure, continued. The contractor also developed quarries and cleared trees along the road, winter maintenance of the road in December. More detailed information is provided below.

50. During the reporting period, the following work has been carried out throughout the project area:

Surveying:

- Surveying of natural ground levels — fully completed.
- Surveying of road cross-sections — fully completed.
- According to internal data, work on monitoring natural soil levels and road cross-sections continues as part of the overall construction control.

Camps and Production Sites:

Kichi-Jargylchak Camp (km 150+610 LHS):

- Modular residential blocks constructed.
- A septic system has been installed and is operational.
- Solid waste collection and temporary storage in containers has been organized; a specialized organization provides removal under a contractual agreement.
- The adjacent area has been backfilled with inert material.

Ak-Terek Camp (km 152+700 LHS):

- The camp and office are located on the Road Maintenance Enterprise (RME) premises.
- Modular residential and office blocks for the Contractor and Consultant staff have been constructed.
- Sanitary facilities are equipped with a septic tank drainage system.
- The adjacent area has been backfilled with inert material.
- Construction and development work continued during the reporting period.

Darkan village camp (km 167+360 RHS):

- The following facilities have been constructed and are operational: office and residential blocks, restrooms, showers, temporary waste storage areas, and a laboratory.
- A septic system has been installed.

Chyrak Camp (km 199+460 LHS):

- Modular office and residential blocks, restrooms, and showers have been constructed.
- Temporary waste storage areas have been established; however, during the reporting period, violations of solid waste storage requirements were identified, including a lack of protective covering and signs of late removal.
- The adjacent area has been backfilled with inert material.

Chyrak Camp (km 202+220 RHS):

- Modular office and residential blocks, restrooms, showers, and a laboratory were built.
- A septic system was installed.
- Landscaping work continued.

Production sites (km 167+360 and 202+200):

- Administrative and residential blocks have been installed and are operational.

- Concrete batching plant (CBP), crushing and screening plants (CSP), and Reinforced concrete products manufacturing facility (RCP) have been installed.
- Bitumen pits have been constructed.
- Asphalt concrete plants (ACPs) are in the pre-construction phase; they were not in operation during the reporting period.

Construction and Production Works

Quarry Development:

- During the reporting period, quarry development was ongoing (or suspended due to weather conditions) at the following sites:
  - Lot 1: km 142+580, km 152+820, km 163+000, km 167+580, and km 174+400;
  - Lot 2: km 191+384, km 193+760, and km 199+660.
- Work was carried out within sites with permits.

Earthworks:

- Excavation of soil and construction of embankments.
- Formation and storage of unusable soil in approved spoil areas (waste dumps).
- Work is recorded at km 141+000 – 142+000, km 153+160 – 153+500, and km 154+000 – 156+000.

Site Clearance (Tree Removal):

- Lot 1: 2,646 trees were actually cut down, compared to the permitted 2,832 (186 trees were preserved).
- Lot 2: 2,740 trees were cut down in full, in accordance with the permit.

Environmental and Support Measures:

- The main permits for quarries, waste dumps, and land use were obtained (with the exception of certain project approvals and permits for atmospheric emissions).
- Dust suppression was achieved by water spraying access and service roads (under favourable weather conditions).
- Environmental monitoring was conducted:
  - Instrumental measurements of noise and vibration levels (see Appendix 4);
  - Laboratory testing of atmospheric air and surface water quality (see Appendices 5 and 6).
- In the vicinity of residential areas and HCHS areas, road compaction will be performed using earth rollers and pneumatic rollers. Earth roller compaction will be performed without vibratory compaction.

51. The Contractor’s work program is presented in Appendix 2.

52. Statistics of the main construction works planned and completed at the site from 01.10.2025 to 31.12.2025 are presented in Table 7.

Table 7: Planned & actual main work item quantities.

Work Item	Unit	Total Quantity	Planned %	Actual %	Var. %	Status
Cut Excavation	m^3	482 503		0.8		Ongoing
Embankment	m^3	1 755 266		25.08		Ongoing

Subgrade Layer (Working layer)	m^3	603 761				
Preparation of existing subgrade	m^2	2 055 600				
Subbase Layer (Main Road, shoulders, and ramps)	m^3	607 968				
Upper Shoulder with milled asphalt material	m^3	54 463				
Base Layer	m^3	312 461				
Binder Layer	m^3	122 718				
Wearing (SMA) Layer	m^3	81 812				
Binder Layer on ramps	m^3	6 640				
Pipe Culverts (Main Road)	pcs	87		5		Ongoing
Box Culverts (Main Road)	pcs	88		2		Ongoing
Pipe Culverts (Ramps)	pcs	69				
Box Culverts (Ramps)	pcs	172				
Underpass	pcs	9				
Bridges (Reconstruction)	pcs	4				
Bridges (Rehabilitation)	pcs	1				
Aqueduct	pcs	1				
New – Jersey type parapets	no	22 075				
Sapozhok type parapets	no	9 259				
Bus stops	no	104				
Lighting	km	80.38				
Traffic Lights	set	141				
Implementation of safety measure	%	100				

53. Photo materials of the work are presented in Appendix 3. Below are photos of the work being carried out.

Figure 5: Excavation work on the section from km 141+000 to km 142+000.

Figure 6: Earthworks for the construction of an embankment on the section at km 155+500.

Figure 7: Solid waste removal. Ak-Terek Camp at km 152+700 LHS.

Figure 8: Quarry development km 167+360, RHS.

Figure 9: Quarry development km 191+384, RHS.

Figure 10: Winter maintenance of the road at km 204+000

54. Below are the most significant challenges encountered by the Contractor during the period from 01.10.2025 to 31.12.2025.

55. Delays in environmental and permitting support:

- Lack of an Environmental Passport for the Contractor.
- Lack of permits for pollutant emissions into the atmosphere for production sites (ACP, CBP, CSP).
- The ACP, CBP, CSP construction projects were not approved by the IKRO MNRETS KR.
- The Contractor's environmental reporting was incomplete and did not fully reflect the implementation of the SSEMP, corrective measures, and identified nonconformities.

56. Failure to comply with the requirements for the Historical and Cultural Heritage Sites (HCHS) and preliminary surveys, which resulted in a ban on work near the HCHS:

- Mandatory archaeological surveys and excavations within 50 meters of the project road were not conducted.
- Archaeological reports were missing for areas designated for quarries, production facilities, and auxiliary facilities.
- Open Sheet permit from the Ministry of Culture was not obtained before work commenced on the affected areas, despite repeated instructions from the Engineer.

57. Permits must be obtained by March 30, 2026, before construction resumes after the winter season.

58. Weather-Related Restrictions. In December 2025, adverse weather conditions (heavy snowfalls, low temperatures) resulted in:

- suspension of quarry development;
- limitations on excavation work;
- shifting the focus of work to clearing the road of snow and maintaining passability.

59. Dust suppression is carried out to mitigate impact and risks in the areas where construction works are being carried out and on the roads near the settlements along the project site.

60. The following watering machines were used daily from 7:30 to 19:00 for dust suppression: Lot 1 - four Dong Feng units (two units - 12-ton and two units - 10-ton); Lot 2 - three water tankers were used, including two DE LONG brand with a 15-ton capacity and one KAMAZ water tanker with a 10-ton capacity.

61. Water used for dust suppression is taken from the river Kichi-Jargylchak (km 149+680), the river Ak-Terek (km 152+760), the river Dzhuku (Darkhan village, km 170+220), the river Dzhuku (Saruu village, km 172+200), the river Chon Kyzyl-Suu (km 181+980). The contractor implements sufficient dust suppression measures at the site.

Figure 11: Dust suppression of construction sites at km 155+000 – km 156+000, LHS.

Figure 12: Dust suppression of construction sites at km 195+000, LHS.

2.3.3 Quarries.

62. On the project road (Barskoon – Karakol section, km 141+600 – km 220), 19 plots have been allocated for quarries since the beginning of the project: 11 plots on Lot 1 and 8 plots on Lot 2.

63. For 19 quarries, the Contractor received permitting documents from local authorities (Permission from local authorities for the use of the allocated land plot) and the Ministry of Natural Resources, Environment and Technical Supervision of the KR of the Kyrgyz Republic (permission - selection of the site by ecologists, Temporary permit for quarry development). For 18 quarries (11 quarries of Lot 1 and 7 quarries of Lot 2), the Contractor received Permissions for the extraction of materials from the Kyrgyz Geological Service (KGS) under the Ministry of Natural Resources, Environment and Technical Supervision (MNRETS) of the Kyrgyz Republic. For one quarry (km 194+500), the Contractor received a refusal from the KGS MNRETS KR; therefore, this quarry is not considered further for use within the framework of the Project.

64. As of December 2025, the Contractor has 18 sites for quarries for obtaining inert materials: 11 sites on Lot 1 and 7 sites on Lot 2.

65. The main characteristics of the quarries are presented in Table 8.

Table 8: Characteristics of the quarries.

№	Place - position, km	L = left side of the road; R = right side	Distance from the road, m	S, ga	V, thousand m^3	Conclusion IKRO MNRETS KR	Permission KGS MNRETS KR	Development Yes/No
Lot 1								
1	142+580	R	401	1.98	180	№ 182–1/2025 dated 02.07.25	№05-6/5723 dated 28.07.25	Yes
2	142+580	R	1 269	14.95	200	№ 182–1/2025 dated 02.07.25	№05-6/5871 dated 01.08.25	Yes
3	148+820	R	1 745	14.29	600	№ 182–1/2025 dated 02.07.25	№05-6/5871 dated 01.08.25	No
4	151+280	R	1 279	36.33	190	№ 182–1/2025 dated 02.07.25	№05-6/8369 dated 23.10.25	No
5	152+440	R		7.439	2 975	№ 182–1/2025 dated 02.07.25	№05-6/8369 dated 23.10.25	No
6	152+820	R		50.68	10 136	№ 182–1/2025 dated 02.07.25	№05-6/5871 dated 01.08.25	Yes
7	163+000	R		24.54		№ 182–1/2025 dated 02.07.25	№05-6/5723 dated 28.07.25	Yes
8	167+580	R	756	67.49	1 200	№ 182–1/2025 dated 02.07.25	№05-6/5723 dated 28.07.25	Yes
9	174+400	R	3 764	34.83	400	№ 182–1/2025 dated 02.07.25	№05-6/5723 dated 28.07.25	Yes
10	174+680		2 824	1.164	46,8	№ 182–1/2025 dated 02.07.25	№05-6/8391 dated 23.10.25	Yes
11	178+800	R		20.57		№ 182–1/2025 dated 02.07.25	№05-6/5723 dated 28.07.25	No
Lot 2								
12	191+384	R		11.57	700		№05-6/9010 dated 17.11.25	Yes
13	191+500	R	482	15.323	450	№ 189–1/2025 dated 14.07.25	№05-6/5871 dated 01.08.25	No
14	193+760	R	1 861	17.13	770		№05-6/9010 dated 17.11.25	Yes
15	199+660	R	1 631	6.6	100	№ 189–1/2025 dated 14.07.25	№05-6/5871 dated 01.08.25	Yes
16	194+500	Refusal to issue a Permission KGS MNRETS KR						
17	202+220	R	6 512	131.77	3 500		№05-6/8391 dated 23.10.25	Yes
18	208+940	R	955	7.575	300		№05-6/9010 dated 17.11.25	No
19	209+360	L	200	10.02			№05-6/8391 dated 23.10.25	Yes

66. The quarries' areas are in suitable condition. During the reporting period, 12 quarries were operated:

- seven quarries on Lot 1: km 142+580 (401 m from the road), km 142+580 (1269 m from the road), km 152+820, km 163+000, km 167+580, km 174+400 and km 174+680.

- five quarries on Lot 2: km 191+384, km 193+760, km 199+660, km 202+220 and km 209+360.

67. The Contractor uses the above-mentioned quarries in accordance with the obtained permits for the extraction of materials from the Kyrgyz Geological Service (KGS) under the Ministry of Natural Resources, Environment and Technical Supervision (MNRETS) of the Kyrgyz Republic.

2.3.4 Storage Areas (Spoil Areas or areas for waste dumps).

68. On the project road (Barskoon – Karakol section, km 141+600 – km 220), since the beginning of the project, 30 plots have been allocated for spoil areas: 9 plots on Lot 1 and 8 areas on Lot 2.

69. The Contractor has obtained permits from local authorities for all spoil areas (Local Authority Permit for the Allocation of Sites for the Disposal of Unsuitable Soil).

70. The Contractor has also obtained Permit from the IKRO MNRETS KR for the Disposal of Unsuitable Soil in the Environment and Approval of Sites for the Disposal of Unsuitable Soil Dumps from the IKRO MNRETS KR for all waste dumps.

71. The main characteristics of the spoil areas (waste dumps) are presented in Table 9.

Table 9: Characteristics of the spoil areas (waste dumps)

№	Place - position, km	L = left side of the road; R = right side	Distance from the road, m	S, ga	V, thousand m^3	Conclusion IKRO MNRETS KR	Development Yes/No
Lot 1							
1	142+850	R	69	0.4	12 000	№ 001535 dated 22.07.2025	Yes
2	152+450	L	212	1.29	38 700	№ 001535 dated 22.07.2025	Yes
3	165+000	R	166	2.775	41 600	№ 001535 dated 22.07.2025	Yes
4	167+780	R	599	0.79	39 500	№ 001535 dated 22.07.2025	Yes
5	171+340	R	1 988	0.43	17 200	№ 001535 dated 22.07.2025	No
6	172+300	R	272	1.16	58 000	№ 001535 dated 22.07.2025	Yes
7	177+280	R	2 515	0.67	26 800	№ 001535 dated 22.07.2025	No
8	178+420	R	2 692	1.81	72 400	№ 001535 dated 22.07.2025	No
9	179+670	L	949	1.42	42 600	№ 001535 dated 22.07.2025	No
10	180+400	L	1 124	0.27	8 100	№ 001535 dated 22.07.2025	No
Lot 2							
11	185+822	R	1 980	2.19	65 700	№ 001542 dated 18.08.2025	Yes
12	186+100	L	2 460	2.29	68 700	№ 001542 dated 18.08.2025	Yes
13	193+115	R	1 220	0.7	21 000	№ 001542 dated 18.08.2025	Yes
14	194+220	R	1 200	0.9	27 000	№ 001542 dated 18.08.2025	No
15	196+900	L	830	0.144	4 320	№ 001542 dated 18.08.2025	No
16	199+119	L	roadside	1.03	30 900	№ 001542 dated 18.08.2025	No
17	199+500	L	850	5.8	174 000	№ 001542 dated 18.08.2025	Yes
18	199+700	L	roadside	0.34	10 200	№ 001542 dated 18.08.2025	No
19	199+760	R	955	1.2	36 000	№ 001542 dated 18.08.2025	No
20	199+984	L	roadside	0.59	17 700	№ 001542 dated 18.08.2025	No
21	201+350	L	roadside	1.93	57 900	№ 001542 dated 18.08.2025	Yes
22	202+920	L	roadside	1.46	43 800	№ 001542 dated 18.08.2025	Yes
23	206+210	L	roadside	2.84	85 200	№ 001542 dated 18.08.2025	No
24	207+318	L	roadside	0.37	11 100	№ 001542 dated 18.08.2025	No

№	Place - position, km	L = left side of the road; R = right side	Distance from the road, m	S, ga	V, thousand m^3	Conclusion IKRO MNRETS KR	Development Yes/No
25	207+780	L	roadside	0.81	24 300	№ 001542 dated 18.08.2025	No
26	208+230	L	1 200	0.11	3 300	№ 001542 dated 18.08.2025	No
27	208+780	L	roadside	0.84	25 200	№ 001542 dated 18.08.2025	No
28	209+180	R	400	0.49	14 700	№ 001542 dated 18.08.2025	No
29	209+500	R	roadside	0.47	14 100	№ 001542 dated 18.08.2025	No
30	209+800	L	1 000	1.82	54 600	№ 001542 dated 18.08.2025	No

72. During the reporting period of the project, the Contractor used 11 waste dumps, namely:

- five waste dumps on Lot 1: km 142+850, km 152+450, km 165+000, 167+780, and km 172+300;
- six waste dumps on Lot 2: km 185+822, km 186+100, km 193+115, km 199+500, km 201+350, and km 202+920.

73. The Contractor has concluded/received all necessary permits for the disposal of unsuitable material (areas for waste dumps). In the future, these land Sections will be suitable for commercial use

2.3.5 Production Sites Territory.

74. It is planned to organize production sites with the placement of an on sections km 167+360 RHS (Lot 1) and km 202+220 RHS (Lot 2).

75. The Contractor has received permits for the use of sites for production facilities from local authorities, namely:

- for Production site Lot 1, km 167+360 RHS:
  - - Resolution of the aiyl okmotu of the aiyl aimak of Zhargylchak No. 92 dated July 14, 2025
  - - Resolution No. 64 dated June 26, 2025, of the local Kenesh of the aiyl aimak of Zhargylchak of the 1st convocation.
- for Production site Lot 2, km 202+220 RHS:
  - - Resolution of the aiyl okmotu of the Jeti-Oguz aiyl aimak No. 202 of July 21, 2025
  - - Resolution No. 40 of the local Kenesh of the aiyl aimak of the Jeti-Oguz XXIX convocation, V-th session of July 11, 2025.

76. The Contractor received approvals for Production site sites from the Issyk-Kul Regional Office of the Ministry of Natural Resources, Environment and Technical Supervision of the KR (IKRO MNRETS KR), namely:

- for Production site Lot 1, km 167+360 RHS:
  - - Conclusion of the IKRO MNRETS KR No. 183-1/2025 dated July 2, 2025.
- for Production site Lot 2, km 202+220 RHS:
  - - Conclusion of the IKRO MNRETS KR No. 206-1/2025 dated July 25, 2025.

77. The following buildings and structures are located on the first production site (km 167+360, RHS): the asphalt concrete plant (ACP), the crushing and screening plant (CSP), the concrete batching plant (CBP), and the RCP area, the storage area for bulk materials - crushed stone and sand, the bitumen storage pit, the hangar for fuels and lubricants storage, the transformer substation, the checkpoint, the platform for garbage containers, outdoor toilets, laboratory and dormitory for workers.

Figure 13: Production site, km 167+360 RHS

Figure 14: Production site, km 167+360 RHS. RCP section.

78. During the reporting period, construction of a bitumen pit continued at the first production site (km 167+360, RHS). Also in November, construction work was underway to establish a reinforced concrete product (RCP) production facility. During the December inspection, the CSP was not operating at this site.

Figure 15: Production site, km 167+360 RHS, construction of a bitumen storage pit.

79. The project capacity of the bitumen storage pit is 8000 tons; the actual capacity is 7000 tons.

Figure 16: Production site, km 167+360 RHS, construction work on the construction of a reinforced concrete product (RCP) production facility.

80. The following buildings and structures are located on the first production site (km 202+220, RHS): the asphalt concrete plant (ACP), the crushing and screening plant (CSP), the concrete batching plant (CBP), and the RCP area, the storage area for bulk materials - crushed stone and sand, the bitumen storage pit, the hangar for fuels and lubricants storage, the transformer substation, the checkpoint, the platform for garbage containers, outdoor toilets, laboratory and dormitory for workers.

Figure 17: Production site 202+220 RHS, CSP

Figure 18: Production site, km 202+220 RHS, concrete production, for the construction of a bitumen storage pit.

81. During the reporting period, construction of a bitumen storage pit continued at the second production site (km 202+220 RHS). Work was also underway on the site's worker camp. Concrete production for the bitumen storage pit was recorded in November. The crushing and screening plant (CSP) was in operation in November. During the December inspection, the CSP and CBP were not operating at this site.

Figure 19: Production site, km 202+220 RHS, construction of a bitumen storage pit.

82. The bitumen storage pit is under construction; in accordance with industrial safety requirements, barriers will be installed upon completion of construction. To control access to the bitumen storage facility during the construction phase, the contractor will be instructed to install temporary fencing to improve the safety of the contractor's workforce.

Figure 20: Chyrak Camp, km 202+220 RHS. The camp's area is being backfilled with inert material.

83. Construction of production sites is not complete and will continue into the next quarter.

84. General activities at production sites:

- Environmental monitoring: Scheduled instrumental measurements of noise and vibration levels, air quality, and surface water were conducted at the production sites of both sites.

- Waste management: A process for sorting municipal solid waste into two categories: plastic and other waste, was implemented at all sites.

- Documentation: It is noted that the Contractor still lacks approved designs for the ACP, CSP and CBP construction, as well as a permit for pollutant emissions into the atmosphere and an Environmental Passport.

- Historical and Cultural Heritage Site: There is no Open Sheet permit from the Ministry of Culture and Tourism of the Kyrgyz Republic regarding HCHS.

85. Both the Production sites (km 167+360 and km 202+220) are located in accordance with the requirements of the SSEMP, namely at a distance of at least 500 m from nearby residential buildings and, to avoid possible contamination, at a distance of at least 50 m from water sources.

2.3.6 Camps.

86. The Contractor organized five worker accommodation camps and offices:

- Kichi-Jargylchak village, km 150+610 LHS, 30 m from the road – worker accommodation camp (for 80 people);
- Ak-Terek village, km 152+700 LHS, 10 m from the road – worker accommodation camp, office (for 60 people);
- Darkan village, km 167+360 RHS, 750 m from the road - Camp for workers' accommodation, office (for 30 people);
- Chyrak village, km 199+460 LHS, 220 m from the road – worker accommodation camp, office (for 96 people);
- Chyrak village, km 202+220 RHS, 6 512 m from the road – worker accommodation camp (for 30 people) and a laboratory.

87. The Contractor has received Permits for the use of the sites from local authorities, namely:

- for the Kichi-Jargylchak Camp, km 150+610 LHS (Lot 1):
  - Resolution of the aiyl okmotu of the aiyl aimak of Zhargylchak No. 93 dated July 14, 2025
- for the Darkan Camp, km 167+360 RHS (Lot 1):
  - Resolution of the aiyl okmotu of the aiyl aimak of Zhargylchak No. 92 dated July 14, 2025
  - Resolution No. 64 dated June 26, 2025 of the local Kenesh of the aiyl aimak of Zhargylchak of the 1st convocation.
- for the Chyrak Camp, km 199+460 RHS (Lot 2):
  - Resolution of the aiyl okmotu of the Jeti-Oguz aiyl aimak No. 130 dated April 29, 2025.
- for the Chyrak Camp, km 202+220 RHS (Lot 2):
  - Resolution of the aiyl okmotu of the Jeti-Oguz aiyl aimak No. 202 dated July 21, 2025.

- Resolution No. 40 of July 11, 2025 of the local Kenesh of the aiyl aimak of Jeti-Oguz of the XXIX convocation of the V-th session.

88. The Contractor has received approvals for the sites from the Issyk-Kul Regional Office of the Ministry of Natural Resources, Environment and Technical Supervision of the KR (IKRO MNRETS KR), namely:

- for the Kichi-Jargylchak Camp, km 150+610 LHS (Lot 1):
  - Conclusion of the IKRO MNRETS KR No. 221–1/2025 dated August 26, 2025
- for the Darkan Camp, km 167+360 RHS (Lot 1):
  - Conclusion of the IKRO MNRETS KR No. 183–1/2025 dated July 2, 2025
- for the Chyrak Camp, km 199+460 LHS (Lot 2):
  - Conclusion in the process of being received;
- for the Chyrak Camp, km 202+220 RHS (Lot 2):
  - Conclusion of the IKRO MNRETS KR No. 206-1/2025 dated July 25, 2025;

89. **The Kichi-Jargylchak Camp, km 150+610 LHS (Lot 1):** the camp is temporary and constructed of modular prefabricated structures. Construction is complete. The camp site includes a dormitory for the Contractor's workers, a parking Section for cars, a security room, a transformer, temporary garbage bins, a septic tank, a toilet, and showers.

Figure 21: Aerial view of the Kichi-Jargylchak Camp area, km 150+610 LHS (Lot 1).

Figure 22: Dormitory for the Contractor's workers of the Kichi-Jargylchak camp, km 150+610 LHS (Lot 1).

90. **The Ak-Terek Camp, km 152+700 LHS (Lot 1):** the camp and office in the village of Ak-Terek are located on the territory of the Road Maintenance Department (RMD), which has all the necessary permits.

91. Existing buildings of the RMD were used to house the office. Residential quarters were constructed from modular prefabricated structures for the staff. Each room is equipped with a shower and a toilet with a drainage system into a septic tank. The camp also has a dormitory, a laboratory, a contractor's office, an equipment maintenance workshop, a parking Section for cars and trucks, a vehicle repair hangar, a security room, a transformer, temporary trash bins, a septic tank, a toilet, and showers.

Figure 23: Aerial view of the Ak-Terek Camp area, km 152+700 LHS (Lot 1).

Figure 24: Campground and Conference Hall in the village of Ak-Terek, km 152+700 LHS (Lot 1).

Figure 25: Cooking and eating area of the Ak-Terek Camp, km 152+700 LHS (Lot 1).

92. **The Darkan Camp, km 167+360 RHS (Lot 1):** the camp territory includes: a laboratory, a dormitory for the Contractor's workers, a kitchen, a canteen, a parking Section for cars, a security room, a transformer, temporary garbage bins, a septic tank, a toilet, and showers.

Figure 26: Aerial view of the Darkan camp area, km 167+360 RHS (Lot 1).

Figure 27: The Darkan Camp`s laboratory, km 167+360 RHS (Lot 1)

93. **The Chyrak Camp, km 199+460 LHS (Lot 2)**: the camp territory includes: offices, a kitchen, a canteen, a dormitory for the Contractor's workers (each living room is equipped with a shower and a toilet with a water drainage system into a septic tank), a laboratory, a dormitory for the Contractor's workers, the Contractor's office, a workshop for equipment

maintenance, a parking Section for cars and trucks; a hangar for vehicle repairs, a security room, a transformer, temporary garbage bins, a septic tank, a toilet and showers.

Figure 28: Aerial view of the Chyrak Camp area, km 199+460 LHS (Lot 2).

Figure 29: Aerial view of the Chyrak Camp office premises, km 199+460 LHS (Lot 2).

Figure 30: Dormitory for the Contractor's workers of the Chyrak camp, km 199+460 LHS (Lot 2).

Figure 31: Cooking and eating block of the Chyrak Camp, km 199+460 LHS (Lot 2).

94. **The Chyrak Camp, km 202+220 RHS (Lot 2):** the camp territory includes: a laboratory, a dormitory for the Contractor's workers, a kitchen, a canteen, a parking Section for cars, a security room, a transformer, temporary garbage bins, a septic tank, a toilet and showers.

Figure 32: The Chyrak Camp area, km 202+220 RHS (Lot 2).

Figure 33: The cooking and eating area, as well as laundry of the Chyrak Camp, km 202+220 RHS (Lot 2).

95. The sanitary condition of the territory of all four camps during the reporting month was assessed as satisfactory.

96. Drinking water for all camps is supplied in 18-liter bottles from nearby towns.

97. In all camps, wastewater is collected in permanent septic tanks. As the septic tank fills, wastewater is transported to wastewater treatment plants for further treatment and disposal under the following agreements:

- Lot 1: Agreement No. CRBC/KG/YSKH75/2025A-013 with the municipal enterprise MP "Barskoon-Service."
- Lot 2: Agreement No. 15 dated September 2, 2015, with individual entrepreneur IE "Aleksandr Sergeevich Bushaev."

98. Garbage bins that meet sanitary requirements are located for the collection of solid municipal waste.

99. Solid waste from the Lot 1 camps is transported to the Barskoon landfill under Agreement No. CRBC/KG/YSKH75/2025A-013 with MP "Barskoon-Service".

100. Solid waste from the Lot 2 camps is transported to the Yntymak landfill under Agreement No. 10 dated August 14, 2025, with the municipal enterprise ME “Yntymak Service”.

101. The municipal solid waste (MSW) segregation program has been implemented across all project camps and production sites during the reporting period.

- Waste is being separated into two primary categories: plastic and other waste.
- Implementation Status:
    - At Lot 1: The system is fully operational and assessed as satisfactory. In the Kichi-Jargylchak and Ak-Terek camps, waste is collected in appropriately labelled containers protected from precipitation and removed weekly.
    - At Lot 2: While the segregation process was formally launched, inspections identified a non-compliance at the Chyrak camp (km 199+460), where waste was not always properly separated or stored.
- Corrective Actions: The Consultant has issued formal instructions to the Contractor to strictly enforce segregation protocols on Lot 2 and to improve the labelling and covering of temporary storage areas.
- Evidence: Photographic evidence of the installed segregation bins (green and black containers with plastic/other waste labels) is included in the report (Figures 40 - 41 and Photos in Appendix 3).

2.4 Description of Any Changes to Project Design.

102. There were no design changes in the project within the reporting period.

2.5 Description of Any Changes to Agreed Construction Methods.

103. No changes were made in the agreed construction methods within the reporting period.

3 ENVIRONMENTAL SAFEGUARD ACTIVITIES.

3.1 General Description of Environmental Safeguard Activities

104. The Contractor has appointed full time environmental protection specialists at each site: Isake Beisheev at Lot 1, and Daniyar Kaiduev at Lot 2, who are responsible for implementing environmental protection measures and monitoring compliance with requirements.

105. The Contractor developed the SSEMP, which was approved by the PIU of the Ministry of Transport and Communications on July 21, 2025 (Letter No. 14-9/67 dated July 21, 2025). The SSEMP covers both Lots, the placement of camps, quarries, spoil areas, and production sites.

106. At the current stage, the SSEMP generally reflects the scope of environmental safeguards and monitoring requirements for the Project. However, the document is considered a living management tool and will require periodic review and updating during the construction phase to ensure that it remains fully aligned with site-specific conditions, regulatory requirements, and ADB SPS.

107. During the current quarter, the Contractor processed permitting documentation, including permits for quarry development and waste disposal, and equipping production sites in compliance with sanitary and environmental standards. Additionally, the construction and operation of camps, equipped with infrastructure for accommodation, food, equipment storage, and waste management, were ensured.

108. Quarries: Inert material extraction sites have been approved by authorized bodies. Site surveys have been conducted, and work boundaries, access roads, and storage areas have been defined. On Lot 1, the quarry boundaries are clearly marked, but on Lot 2, the boundaries of most quarries are not marked in accordance with the license coordinates.

109. Waste dumps (or spoil areas) for storing unsuitable soil:

- The Contractor received 30 specially designated areas (dumps) for the disposal of soil generated during road strip clearing and embankment construction. Documentation was prepared for temporary and permanent dumps, specifying the reclamation methods upon completion of the work.
- The plans for the placement of waste dumps have been agreed with the IKRO MNRETS KR. However, a non-compliance was noted on Lot 2: the boundaries of most of the waste dumps were not clearly marked on the ground.

110. Camps and production sites: The Contractor constructed camps, residential modules, offices, and bases in compliance with sanitary, environmental, and fire safety regulations. The locations were designed with consideration of distances to water bodies, residential areas, pastures, and agricultural land. The infrastructure includes fuel storage areas, equipment, kitchen facilities, sanitary facilities, and waste management systems.

111. Water Use and Water Protection Measures: For technical water supply, permits have been issued for water intake from rivers located along the construction route. Measures are in place to prevent turbidity and bank erosion at water intake points.

112. Waste Management:

113. Municipal Solid Waste (MSW):

- Sorting: During the reporting period, separate waste collection into two categories was implemented at all sites and camps: plastic and other waste;

- Lot 1: The organization is considered satisfactory. At the Kichi-Jargylchak (km 150+610) and Ak-Terek (km 152+700) camps, waste is collected in containers protected from precipitation and is removed weekly on Tuesdays by the Barskoon-Service municipal enterprise;
- Non-compliances at Lot 2, Chyrak camp: The following environmental non-compliances were identified at the camp at km 199+460:
    - burning: Traces of soot and remnants of unburned waste were found;
    - improper storage: Waste was stored outdoors without protection from rain and snow.
    - untimely removal: Garbage was not removed by a specialized organization for 1.5 months.

114. Wastewater:

- In all camps, wastewater is collected in watertight septic tanks.
- As it fills, it is transported to municipal wastewater treatment plants by specialized organizations in accordance with signed contracts.

115. Monitoring and Compliance Control: Specialists conduct regular inspections of construction sites, camps, production sites, quarries, and spoil areas. This includes:

- instrumental environmental monitoring (noise, vibration);
- maintaining environmental supervision logs;
- documenting measures to prevent and eliminate violations;
- interaction with the Engineer and government agencies.

116. During the reporting period, monthly monitoring[1] of the project area was conducted by the Consultant's national environmental specialist. Visual monitoring was conducted at the road site, quarry, spoil areas, sampling points for measurements, as well as the contractor's production sites and camps.

117. In order to prevent the recurrence of non-compliances, based on the results of environmental monitoring, the CSC prepared an official letter outlining the mitigation measures required for implementation (Appendix 1).

118. During the reporting period, no complaints regarding environmental and social aspects were received from residents of populated areas and road users.

119. During the reporting period, tree felling work was carried out on Lot 2. Tree felling was completed in October 2025.

3.2 Biodiversity

120. The mobilization schedule for the dedicated Biodiversity Specialist has been formally coordinated and agreed with the MoTC PIU.

[1] The reference to 'monthly monitoring' in the report refers to the comprehensive systematic audits conducted to consolidate findings for the quarterly reporting cycle, while the actual field supervision is performed on a continuous weekly basis as mandated by the SSEMP.

121. During the reporting period (October – December 2025), the project was primarily in its early stages. Biodiversity-related activities were limited to the felling of 5,386 trees, which was completed in October 2025 under the strict supervision of the Consultant's core environmental team to ensure compliance with the Tree Felling Permit and SSEMP requirements. No cases of wildlife mortality or other biodiversity incidents were recorded during this period. Consequently, the mobilization of a dedicated Biodiversity Specialist was deferred to align with the start of active construction and the critical spring planting season to ensure efficient resource allocation.

122. Responsible Specialist: A qualified Biodiversity Specialist, Sergei Krivoruchko, has been appointed as part of the Consultant's (CSC) team.

123. Timeline: The specialist is scheduled to be mobilized in March - April 2026, coinciding with the resumption of active earthworks.

124. Scope of the Biodiversity Report: Sergei Krivoruchko will produce a comprehensive Biodiversity Monitoring Report, which will include:

- Oversight and progress of the compensatory planting and vegetation restoration program for the 5,386 trees removed.
- Monitoring of Contractor compliance with the Site-Specific Biodiversity Management Plan (BMP).
- Field surveys to verify the absence of impact on endangered species (e.g., migratory birds in the Ramsar site zones) as the construction intensity increases.
- Assessment of restoration efforts at quarries and spoil areas.

125. To enable construction works, the Contractor obtained an official Permit from the IKRO MNRETS KR for the removal of 5,572 trees along the project road. The site verification, individual counting, and tree marking were conducted during a joint commission visit to the Project site from July 1, 2025, to July 3, 2025.

126. The commission consisted of:

- Asylbek Abdygulov – PIU MOTC KR Environmental Officer;
- Olga Syzonenko – International Environmental Specialist, IRD Engineering S.R.L.;
- Nasiba Akhmatova – National Environmental Specialist, IRD Engineering S.R.L.;
- Nurlan Nuraliev - Topographic Surveyor, IRD Engineering S.R.L.;
- Liu Kejian - Representative of the China Road and Bridge Corporation;
- Isake Beisheev – Environmental Specialist, Lot 1, China Road and Bridge Corporation;
- Daniyar Kaiduev – Environmental Specialist, Lot 2, China Road and Bridge Corporation;
- Kambarbek uulu Adilet, Omukeev Azamat - Authorized Representatives of the IKRO MNRETS KR.

127. Key findings and results of the inspection:

- Marking and Inventory: Each tree subject to removal was individually inspected and marked with paint.
- Biodiversity Verification: The commission conducted a visual survey of the tree crowns and verified the absence of nests of rare or endangered bird species (Red List species).
- Optimization of Removal: Based on the final marking and subsequent felling, the project managed to save 186 trees on Lot 1 that were originally marked for removal (2,646 trees felled out of 2,832 permitted).
- Compliance: All clearance activities were confirmed to be in strict accordance with the Biodiversity Management Plan (BMP) and the conditions of the environmental permit.

128. During the project's implementation, 5,386 trees were felled along the project road (2,646 trees were cut down in Lot 1 (186 trees less than planned); 2,740 trees were cut down in Lot 2.).

129. By the end of the reporting period, felling on Lots 1 and 2 was fully completed. All activities are being carried out in strict accordance with the Biodiversity Management Plan (BMP) requirements, including limitation of vehicle movement, avoidance of encroachment into riparian zones, and maintenance of the Wildlife Observation and Mortality Register.

130. No cases of wildlife mortality or other biodiversity-related incidents were recorded during the reporting period. The Contractor further plans to implement vegetation restoration and compensatory planting measures in line with the conditions of the Permit and the Biodiversity Management Plan, namely:

- Compensatory Planting Ratio: In accordance with the Permit issued by the IKRO MNRETS KR and Section 5.1.3 of the SSEMP, the Contractor is mandatory required to replace each felled tree at a ratio of 1:2. Since 5,386 trees were actually removed during the reporting period, the Contractor must ensure the planting of at least 10,772 new saplings.

- Species Selection and Maintenance: Requirements include selecting tree species resilient to local climatic conditions to ensure high survival rates. The Contractor is also responsible for developing a long-term care plan, which includes irrigation and protection against diseases during the defect liability period.

- Operational Restrictions (BMP): The Biodiversity Management Plan mandates strict adherence to the following:

- Limitation of all vehicle movement strictly within established construction corridors to prevent soil and vegetation damage.
- Total avoidance of encroachment into riparian zones (buffer zones near water bodies).
- Continuous maintenance of the Wildlife Observation and Mortality Register to track any potential impact on local fauna.

- Coordination: All restoration activities and site selection for planting must be coordinated with the local forestry departments and the Consultant's Biodiversity Specialist

3.3 Historical and Cultural Heritage Sites.

131. The project site is part of the Silk Road (Sections of Southern Issyk-Kul). Fourteen (14) historical and cultural heritage sites are in a 50-meter area from the road: (i) Five (5) burial grounds of the Early Iron Age and/or the Middle Ages, including 15 burial mounds; (ii) Seven (7) Modern Muslim cemeteries and sculptural monuments; and (iii) Two (2) ethnographic Muslim cemeteries (See the table below).

Table 10: Historical and cultural heritage sites located within 50 m from the road.

LOCATION		Distance from road	Description	Comments
Station points	UTM Coordinates			
142+920	42°10.822'N; 77°37.807'E	46 m south	Flat mound of stone and earth	
143+245	42°11.004'N; 77°37.874'E	7 m south	A human femur and a fragment of a ceramic vessel	
144+520	42°11.509'N; 77°38.251'E	20 m south	Flat mound of stone and earth	
148+840	42°12.137'N; 77°40.667'E	35 m south	Modern Muslim Cemetery	Archaeological excavations are not required
153+020 - 153+120	42°13.576'N; 77°42.825'E	13 m south	Modern Muslim Cemetery	Archaeological excavations are not required
157+600	42° 5.547'N; 77°44.685'E	20 m south	A flat mound of stone and earth. One-room adobe building.	
162+660 - 162+780	42°16.926'N; 77°47.882'E	24 m south	Modern Muslim Cemetery	Archaeological excavations are not required
165+290 - 165+330	42°17.583'N; 77°49.530'E	16 m north	Seven (7) mounds	
166+840 - 166+940	42°17.967'N; 77°50.551'E	30-73 m north	Ethnographic Muslim cemetery and burial mounds	
172+600 - 178+680	42°19.215'N; 77°54.393'E	18 m north	Modern Muslim Cemetery	Archaeological excavations are not required
175+620 - 176+150	42°19.567'N; 77°56.711'E	16 m north	Modern Muslim Cemetery	Archaeological excavations are not required
183+130 - 183+190	42°21.198'N; 78°1.400'E	9-24 m north	Ethnographic Muslim Cemetery	
185+810	42°22.074'N; 78°2.934'E	10-46 m south	Sart-Ake and Tilekmat-Ake Memorial Monument	
201+420 - 201+540	42°27.249'N; 78°11.908'E	10-12 m south	Modern Muslim Cemetery	Archaeological excavations are not required

132. During the reporting period, the Contractor did not commence the mandatory archaeological investigations required under the Contract, the regulations of the Ministry of Culture of the Kyrgyz Republic, and the written Instructions issued by the Engineer on 12.09.2025 № KYR003_CRBC_54_SM.

133. According to the written Instructions issued by the Engineer on 12.09.2025 № KYR003_CRBC_54_SM, prior to starting any construction works within the 50-meter buffer zone of identified cultural heritage sites, the Contractor is required to:

- engage a qualified archaeological team;
- obtain an Open Sheet permit from the Ministry of Culture for excavation works;
- prepare and agree an excavation schedule;
- ensure archaeological supervision and follow the “stop-work protocol” in case of any findings.

134. As of the date of this Report, none of the above actions have been implemented by the Contractor. The Contractor plans to begin mandatory archaeological surveys in March 2026.

3.4 Site Audits.

135. This section summarizes the formal site audits and environmental inspections conducted during the reporting period by the environmental safeguard personnel of the Project Implementation Unit (PIU), the Construction Supervision Consultant (CSC), the Contractor, and the Asian Development Bank (ADB). Details of these activities are presented in Table 11 below.

Table 11: Site Inspections (October–December 2025).

No.	Date	Inspector(s)	Purpose of Visit / Inspection	Summary of Key Findings and Non-Compliance
1	09 Oct 2025	N. Akhmatova; I. Beisheev	Attendance during water sampling and instrumental air quality measurements (Lot 1)	Water sampling and instrumental air quality measurements were conducted in accordance with the approved monitoring programme of SSEMP. Sampling procedures were properly followed; no deviations or non-compliances were identified during the inspection.
2	10 Oct 2025	N. Akhmatova; I. Beisheev; D. Kaiduev	Attendance during water sampling and instrumental air quality measurements (Lot 2)	Water sampling and instrumental air quality measurements were carried out correctly and in the presence of the Consultant’s representatives. No remarks regarding the methodology or organisation of the works were recorded.
3	13 Oct 2025	N. Akhmatova; I. Beisheev	Visual inspection of production sites and quarries on Lot 1 with regard to environmental compliance (jointly with the Contractor’s Environmental Specialist)	Sanitary conditions of production sites and workers’ camps were satisfactory. Solid waste collection and storage practices complied with environmental requirements of SSEMP, and waste was removed in a timely manner.
4	14 Oct 2025	N. Akhmatova; D. Kaiduev	Visual inspection of production sites and quarries on Lot 2 with regard to environmental compliance (jointly with the Contractor’s Environmental Specialist)	The absence of hard surfacing at the equipment parking area at the camp located at km 199+460 (RHS) was observed.
5	15 Oct 2025	N. Akhmatova; I. Beisheev;	Visual inspection of waste dumps (spoil areas)s on Lots 1	On Lot 2, the boundaries of certain waste dumps (spoil areas)s were not

No.	Date	Inspector(s)	Purpose of Visit / Inspection	Summary of Key Findings and Non-Compliance
		D. Kaiduev	and 2	demarcated.
6	16 Oct 2025	-	ADB Mission	An ADB Mission visited the project sites. Issues related to project implementation progress, including compliance with environmental and social requirements, were discussed.
7	2-4 Nov 2025	A. Isakova; O. Zhamanakov; M. Kurmanaliev	Visual inspection of occupational health and safety compliance	Camp Laboratories in the village of Chyrak, km 202+220 RHS (Lot 2): Concrete testing is conducted in a bathtub with open household kettles without a thermostat (risk of electric shock); there is no supply and exhaust ventilation, and personnel lack personal protective equipment (earmuffs). Road Safety (Lot 2): Warning signs are installed too low (<1.5 m) and covered in mud; puddles accumulate on detours, creating a risk of black ice. Documentation and Personnel: Cooks do not have health certificates; occupational health and safety specialists do not have access certificates and approved instructions.
8	17 Nov 2025	N. Akhmatova; I. Beisheev	Visual monitoring of environmental compliance at production sites on Lot 1 (jointly with the Contractor's Environmental Specialist)	Sanitary conditions of production sites and workers' camps were satisfactory. Solid waste collection and storage complied with environmental requirements, and waste was removed on a regular basis.
9	18 Nov 2025	N. Akhmatova; D. Kaiduev	Visual monitoring of environmental compliance at production sites on Lot 2 (jointly with the Contractor's Environmental Specialist)	Solid waste storage practices did not fully comply with environmental requirements. Waste removal was irregular, and instances of waste burning were observed at the workers' camp located at km 199+460 (LHS). Dust suppression measures were not applied during crushing operations.
10	19 Nov 2025	N. Akhmatova; I. Beisheev	Visual monitoring of environmental compliance at quarries and waste dumps (spoil areas)s on Lot 1 (jointly with the Contractor's Environmental Specialist)	Environmental requirements during quarry operations were complied with: no visible dust emissions were observed, and quarry and waste dumps (spoil areas) boundaries were demarcated.
11	20 Nov 2025	N. Akhmatova; D. Kaiduev	Visual monitoring of environmental compliance at quarries and waste dumps (spoil areas)s on Lot 2 (jointly with the Contractor's Environmental Specialist)	The following non-compliances were observed: boundaries of waste dumps (spoil areas)s were not demarcated, and quarry boundaries were only partially marked.
12	25 Nov 2025	N. Akhmatova; I. Beisheev	Visual monitoring of environmental compliance at construction sites (jointly with	Construction activities were carried out in compliance with the SSEMP requirements; during earthworks no

No.	Date	Inspector(s)	Purpose of Visit / Inspection	Summary of Key Findings and Non-Compliance
			the Contractor's Environmental Specialist)	visible dust emissions were observed and water spraying was applied.
13	26 Nov 2025	N. Akhmatova; I. Beisheev	Attendance during noise and vibration measurements at construction sites, production sites and quarries on Lot 1	Noise and vibration measurements were conducted in accordance with the approved monitoring programme; no remarks regarding the measurement procedure were recorded.
14	27 Nov 2025	N. Akhmatova; D. Kaiduev	Attendance during noise and vibration measurements at construction sites, production sites and quarries on Lot 2	Noise and vibration measurements were conducted in the presence of the Consultant, in compliance with the approved methodologies and the monitoring programme requirements under the SSEMP.
15	09 Dec 2025	N. Akhmatova; D. Kaiduev	Visual monitoring of the Contractor's camp (km 199+460, LHS) and production sites on Lot 2	Sanitary conditions of the camp territory were satisfactory. Waste containers were installed in accordance with sanitary requirements. However, temporary waste storage practices did not fully comply with environmental and sanitary requirements: waste was stored in the open without protective covering, scattered beyond the paved waste storage area, and signs of waste burning were observed (as reflected in the December Environmental Monitoring Report).
16	10 Dec 2025	N. Akhmatova; I. Beisheev	Visual monitoring of the Contractor's camps (km 150+160, LHS; km 152+700, RHS) and production sites on Lot 1	Wastewater was collected in septic tanks with subsequent removal to Wastewater treatment plants. Solid waste collection and storage complied with sanitary requirements, using containers protected from precipitation. Solid waste and wastewater were removed on a weekly basis (every Tuesday) by Barskoon-Service Municipal Enterprise, in accordance with the concluded agreement.

136. During the reporting period, the Consultant's environmental specialist was deployed partially due to the small volume of construction work. Once construction begins in 2026, the specialist will be deployed full-time.

137. Findings observed during the Consultant's audit were communicated to the contractor for corrective actions Appendix (1).

138. The status of non-compliance and corrective actions is also shown in Table 11 and Figure 32.

139. Table 12 summarizes the findings observed during the formal audits conducted by the Consultant and Contractor's environmental specialists and the status at the end of December 2025.

3.5 Issues Tracking (Based on Non-Compliance Notices).

140. 18 findings were identified, 13 of which remain open/ongoing. The Table 12, below provides a summary overview of Non-compliances and Corrective Actions.

Table 12: Overview of findings observed during October - December 2025.

№	Non-compliance identified	SSEMP Number and date of notification	Best Practice Guidelines Applicable	Particular issues and location	Contractor's actions (specify)	Results of Inspection	Status for October - December 2025
1	Environmental and Social Management System	SSEMP Section 6; IRD Ref.: 16 Sep 2025 / KYR003_CRBC_59_SM	ISO 14001; ADB Safeguard Policy Statement	Comprehensive baseline instrumental environmental monitoring was not conducted prior to construction	Conduct comprehensive baseline instrumental environmental monitoring and submit results to the Engineer for review and approval prior to construction	09–10 Oct 2025; 26–27 Nov 2025	**Completed.** Air quality and surface water monitoring conducted in Oct 2025; noise and vibration monitoring conducted in Nov 2025
2	Environmental and Social Management System	SSEMP Clause 92; Appendix 1; IRD Ref.: 06 Oct 2025 / KYR003_CRBC_85_SM	ISO 14001; ADB SPS; KR Traffic Rules; Road Law; KR Law on Waste No.181	SSEMP lacks a Traffic Safety Plan; Waste Management Plan does not explicitly prohibit waste burning	Prepare and approve a Traffic Safety Plan with the Main Directorate for Road Traffic Safety of the Ministry of Internal Affairs of the Kyrgyz Republic (MDRTS MIA KR) and prepare the Construction Vibration Management Plan; update Waste Management Plan to prohibit any waste burning	25 Nov 2025	**Partially completed.** Traffic Safety Plan prepared and approved; remaining requirements to be completed next quarter
3	HCHS	SSEMP Section 5; IRD Ref.: 12 Sep 2025 / KYR003_CRBC_54_SM	ADB SPS; KR Law on Cultural Heritage	Archaeological excavations not conducted; reports not submitted; no written clearance from Ministry of Culture	Conduct archaeological works within 50 m corridor; inspect quarries and production sites; submit reports; obtain written clearance	09–10 Oct 2025; 26–27 Nov 2025	**Open.** To be monitored during future inspections
4	Vibration	SSEMP Appendix 9; IRD Ref.: 06 Oct 2025 / KYR003_CRBC_85_SM	ADB SPS	Baseline inspection of first-line residential houses for cracks not conducted	Establish commission and conduct baseline inspection	09–10 Oct 2025; 26–27 Nov 2025	**Open.** To be monitored

№	Non-compliance identified	SSEMP Number and date of notification	Best Practice Guidelines Applicable	Particular issues and location	Contractor's actions (specify)	Results of Inspection	Status for October - December 2025
5	Permitting	SSEMP Section 5; IRD Ref.: 06 Oct 2025 / KYR003_CRBC_85_SM	ADB SPS; KR Subsoil Law No.49	No permits for quarries and spoil disposal sites on Lot 2	Expedite permitting process	CRBC Ref: 08 Dec 2025/ CRBCKG/B-K/Engineer/2025/105	**Completed.** Permits obtained for spoil sites and quarries
6	Permitting	SSEMP Section 5; IRD Ref.: 09 Dec 2025 / KYR003_CRBC_140_SM	ADB SPS; KR Air Protection Law; Technical Regulations	No Environmental Passport; no air emission permit; no approval for asphalt and crushing plant designs	Submit Environmental Passport; obtain air emission permits; approve plant designs	Deadline: 01 Feb 2026	**Open.** To be monitored
7	Occupational Health and Safety	SSEMP Appendix 3; IRD Ref.: 06 Oct 2025 / KYR003_CRBC_85_SM	ISO 45001; ADB SPS	Not all camps had medical rooms and first-aid kits	Equip all camps accordingly	CRBC Ref: 08 Dec 2025/ CRBCKG/B-K/Engineer/2025/105	**Completed.** All camps equipped
8	Occupational Health and Safety	SSEMP Appendix 3 IRD Ref.:18 Nov 2025 KYR003_CRBC_125_SM	ISO 45001; ADB SPS	At the Chyrak camp, km 202+220 RHS (Lot 2), fire extinguishers are stored in the back of the building, not near the doors.	Improve sanitary conditions, relocate fuel, organise smoking areas, improve fire safety	02–04 Nov 2025	**Open.** To be monitored
9	Occupational Health and Safety	SSEMP Appendix 3 IRD Ref.:18 Nov 2025 KYR003_CRBC_125_SM	ISO 45001 "Occupational Health and Safety Management System"; ADB SPS. Sanitary Regulations "Sanitary and Epidemiological Requirements for Laboratories"	The laboratory at the Chyrak village camp, km 202+220 RHS (Lot 2), is not equipped with supply and exhaust ventilation. Concrete block testing takes place in a large open concrete vat with three open household water heaters, which are directly connected to an electrical source. There is no thermostat, so water temperature must be measured manually. Laboratory staff lack personal protective equipment. The laboratory's stone	Concrete strength testing baths must be brought into compliance with SNiP (Construction Norms and Regulations). An automatic thermostat must be installed to ensure compliance with testing regulations and protocol. Laboratory staff, including the consultant, must be provided with personal protective equipment and ear protection. Supply and exhaust ventilation must be installed, especially for subsequent technological processes.	03 Nov 2025	**Open.** To be monitored

№	Non-compliance identified	SSEMP Number and date of notification	Best Practice Guidelines Applicable	Particular issues and location	Contractor's actions (specify)	Results of Inspection	Status for October - December 2025
				crusher is located outside the laboratory due to its high noise level, and the staff do not have ear protection.			
10	Occupational Health and Safety	SSEMP Appendix 3 IRD Ref.:18 Nov 2025 KYR003_CRBC_125_SM	KR Labour Code; Law on Labour Protection	OHS specialists lack certification; inadequate training procedures	Provide training and certification; develop job-specific instructions	02–03 Nov 2025	**Open.** To be monitored
11	Occupational Health and Safety	SSEMP Appendix 3 IRD Ref.:18 Nov 2025 KYR003_CRBC_125_SM	KR Ministry of Health Order No.9	Cooks do not have valid medical certificates	Undergo medical examinations	03 Nov 2025	**Open.** To be monitored
12	Traffic Safety	SSEMP Clause 92 IRD Ref.:18 Nov 2025 KYR003_CRBC_125_SM	KR Traffic Rules; Road Law; Construction Standards	1. Lot 2 – Warning road signs are located below 1.5 meters and are covered in mud, resulting in inadequate illumination. There are insufficient cones and illuminated strips in areas where drainage and detours are being constructed – Lot 2. 2. Detours in Lot 2 are below the existing road surface, causing puddles to form, which could lead to icy conditions and potentially cause accidents.	Recommendations were given to raise the signs, bury the cones to prevent them from falling, install illuminated strips in areas where drainage and detours are being constructed, and raise the detours to the level of the existing road surface.	03 Nov 2025	**Open.** To be monitored
13	Waste management	Appendix 1 of the SSEMP; IRD Ref.: October 6, 2025 /KYR003_CRBC_85_SM	ADB Safeguard Policy Statement; Law of the Kyrgyz Republic of August 15, 2023 No. 181 "On Production and Consumption Waste"	1. Signs of burning of household waste behind the Camp (km 199+460, LHS), which is contrary to national legislation; 2. No waste removal contract has been provided for Lot 1, Waste Log is maintained.	1. Prevent the burning of any waste on the Project site. Ensure proper waste storage until it is transferred to organizations with which a waste removal contract has been concluded; 2. Provide a waste removal	18 Nov & 09 Dec 2025	**Open.** Partial improvements made; burning incidents persist

№	Non-compliance identified	SSEMP Number and date of notification	Best Practice Guidelines Applicable	Particular issues and location	Contractor's actions (specify)	Results of Inspection	Status for October - December 2025
				3. Temporary waste storage facilities do not comply with SSEMP requirements. Waste is not separated.	contract for Lot 1 and complete the Waste Log in a timely manner. 3. Ensure separate waste collection. Establish temporary waste storage facilities in accordance with the requirements of Appendix 1 of the SSEMP.		
14	Road site	Appendix 6 of the SSEMP; Appendix 10 of the SSEMP; IRD Ref.: October 6, 2025 /KYR003_CRBC_85_SM	ADB Safeguard Policy Statement.	1. Dust suppression is carried out continuously, but the Engineer is not provided with a weekly roadway moistening schedule. 2. Stagnant water in the road right-of-way (km 144+050, LHS, km 153+200 RHS); 3. Mixing topsoil with other soil, km 203-km 204 LHS.	1. In accordance with Appendix 6, “Dust Management Plan” of the SSEMP, the Contractor shall prepare a Roadway Moistening Schedule and submit it to the Engineer weekly, every Monday. 2. Ensure timely drainage of water from the construction site. 3. Avoid irrational use of natural resources, namely mixing topsoil with unsuitable soil and/or building materials.	09–10 Oct 2025; 26–27 Nov 2025	**Completed**
15	Quarries and Spoil Areas	Section 5 of the SSEMP; IRD Ref.: October 6, 2025 /KYR003_CRBC_85_SM	ADB Safeguard Policy Statement. Law of the Kyrgyz Republic "On Subsoil" No. 49 of May 19, 2018	1. Quarry km 199+660 (Lot 2) does not have clearly defined boundaries. 2. Eight spoil areas of Lot 2 (km 185+822, km 186+100, km 199+119, km 199+700, km 199+760, km 202+920, km 201+350, km 199+984) do not have clearly defined boundaries.	It is necessary to clearly mark the boundaries of all quarries and spoil areas in accordance with the permitting documents.	15 Oct; 20 Nov 2025	**Open.** Partial demarcation completed
16	Production Sites	Section 5 of the SSEMP; IRD Ref.: October 6, 2025 /KYR003_CRBC_85_SM	ADB Safeguard Policy Statement.	On the slope adjacent to Lot 1 of the Production Site, at km 167+580 of the RHS, erosion furrows, soil subsidence, and surface layer cementation are	Organize a drainage ditch to divert runoff along the base of the slope near Lot 1 Production Plant, km 167+580 RHS, and install a barrier of stone	15 Oct; 20 Nov 2025	**Open.** Design under review by MoES

№	Non-compliance identified	SSEMP Number and date of notification	Best Practice Guidelines Applicable	Particular issues and location	Contractor's actions (specify)	Results of Inspection	Status for October - December 2025
				observed. The hill may become unstable during heavy precipitation events, posing a threat to the production facility.	materials along the weakest areas of the hill.		
17	Camps	Appendices 3 and 4 SSEMP IRD Ref.: October 6, 2025 /KYR003_CRBC_85_SM	ADB Safeguard Policy Statement.	1. Parking Sections for construction equipment and vehicles in Lot 1 Camp (km 150+610, LHS) and Lot 2 Camp (km 199+460, LHS) do not have a hard surface, which can lead to soil contamination with fuels and lubricants, and in rainy weather contributes to the removal of dirt onto the public road. 2. In the parking Section of Camp Lot 2, km 199+460 LHS, small spots of fuel and lubricants are observed on the dirt surface.	1. Provide a solid foundation for parking for equipment and vehicles in the Camp, km 199+460, LHS. 2. Ensure the availability of absorbent materials for spill management and designate a responsible person for managing fuel and lubricant spills at each camp and production facility. Familiarize the responsible person with Appendix 4 of the SSEMP "Spill Control and Containment Plan."	14 Oct 2025	**Open.** To be monitored
18	Biodiversity	Appendix 12 of the SSEMP; IRD Ref.: October 6, 2025 /KYR003_CRBC_85_SM	ADB Safeguard Policy Statement.	1. At km 202+200 LHS, damage to 4 trees was detected, and, in addition, the trunks of the first row of trees were covered with soil to a height of 30 cm or more. 2. The Log of observations and cases of fauna mortality is not maintained.	1. Inspect damaged trees at km 202+200 LHS, cut off damaged branches and move piles of soil away from the trees. 2. Timely completion of the Log of observations and cases of fauna mortality.	CRBC Ref: 08 Dec 2025/ CRBCKG/B-K/Engineer/2025/105 20 Nov 2025	**Completed**

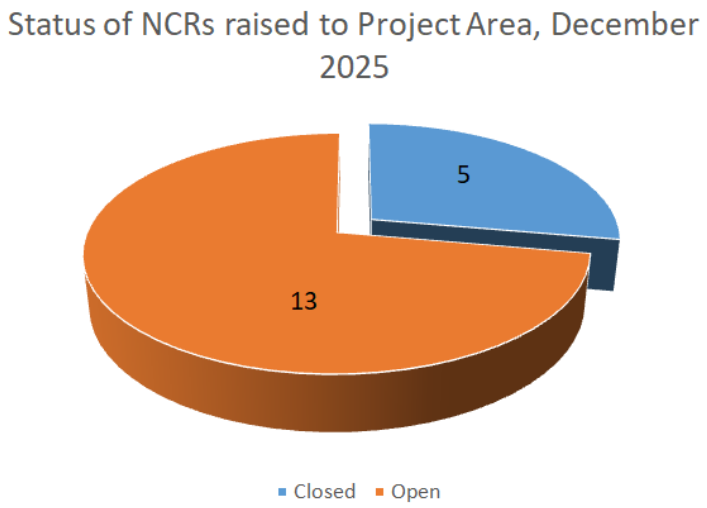

Figure 34: Status of Non-compliances.

Table 13: Summary of Issues Tracking Activity for the Current Period.

Total Number of Issues for Project	18
Open/ongoing issues in this Reporting Period	13
Closed Issues in this Reporting Period	5
Percentage of Closed Issues	28%

Overview and Description of the Problems Observed during the Current Period.

141. During the reporting period, the Contractor continued establishing the environmental and social management system across the Project. As the works are still at an early stage, several procedures are not yet fully implemented and require further refinement.

142. The key areas that would benefit from additional attention are:

143. **Finalisation of preliminary approvals and procedures:** Archaeological investigations have been initiated but still require formal documentation and confirmation from the competent authorities. Obtain the missing permitting documents, namely the Environmental Passport and the Permit for Emissions of Pollutants into the Atmosphere.

144. **Completion of thematic management plans:** In particular, the Construction Vibration Management Plan remains under development.

145. **Strengthening control measures at production bases and temporary sites:** Additional improvements are needed in terms of boundary marking, surfacing of parking/storage areas and ensuring proper drainage and water management.

146. **Progressive implementation of waste management and pollution prevention practices:** burning waste must be fully excluded, and designated spill response personnel are to be confirmed.

147. **Increased attention to occupational safety issues, namely**:

- ensuring electrical safety and equipping laboratories with supply and exhaust ventilation at the Chyrak camp;
- road safety and signaling: Road signs must be brought into compliance with standards, the number of cones and reflective tape must be increased, and the level of bypass roads

must be raised to prevent water accumulation and icing.

- personnel qualifications and certification: The contractor must ensure that occupational safety and health specialists obtain work permit certificates.
- medical monitoring and hygiene: All specialists must undergo medical examinations, and cooks must be required to obtain health certificates.
- provision of protective equipment: laboratory personnel must be provided with special PPE (including earmuffs to protect against the noise of rock crushers).
- fire safety and training: Official smoking areas must be established and practical first aid training must be conducted.

148. The Corrective Action Plan (CAP) addressing these issues, including specific timelines and responsibilities, is presented in Table 14 below. It should be noted that information on all identified nonconformities and the necessary mitigation measures was formally communicated to the Contractor through official letters from the Consultant to ensure prompt corrective action. Specifically, the inspection results were communicated by an official letter from the Engineer No. KYR003_CRBC_125_SM dated November 18, 2025.

Table 14. Corrective Action plan.

№	Action	Requirement SSEMP/National legislation	Resources, Responsibility	Timetable	Comments
Environmental and Social Issues					
1	Provide archaeological excavations of the OHCH in accordance with the archaeological report of the Ministry of Culture, Information, Sports, and Youth Policy No. 09/6/2829 dated April 28, 2023. The Contractor is obligated to: - engage a qualified local archaeologist to conduct excavations of historical and cultural heritage sites within 50 meters of the road; - conduct archaeological inspection of all areas planned for quarries, production bases, asphalt plants, crushing plants, and other auxiliary facilities; - provide reports on the results of archaeological excavations in the Project area; - obtain Open Sheet Permit from the Ministry of Culture, Information, Sports, and Youth Policy before commencement of construction on the affected sites.	ADB SPS; Law on the Protection and Use of Historical and Cultural Heritage. Conclusion of the Ministry of Culture, Information, Sports, and Youth Policy No. 09/6/2829 dated April 28, 2023.	CR&BC	Before 30/03/2026	Provide Open Sheet Permit before starting construction on the affected areas from the Ministry of Culture, Information, Sports, and Youth Policy to the Engineer.
2	Create a commission of representatives of local government bodies, the Contractor, and the Consultant, and conduct a primary inspection for cracks in residential buildings on the first line from the road.	Appendix 9 SSEMP	CR&BC Environmental Protection Officer - Isake Beisheev; Assistant to Environmental Protection Officer - Daniyar Kaiduev	Before 30/03/2026	Provide a Letter of Establishment of the Commission.
3	Develop an Environmental Passport and have it approved by IKRO MNRETS KR. Grant the Environmental Protection and Control Department of the Ministry of Energy and Natural Resources of the Kyrgyz Republic a permit for pollutant emissions into the atmosphere; Approve the construction projects for ACP, CSP, CBP with the IKRO MNRETS KR.	ADB SPS; Law of the Kyrgyz Republic "On Atmospheric Air Protection" No. 51 of June 12, 1999; Law of the Kyrgyz Republic "General Technical Regulations for Ensuring Environmental Safety" No. 151 of May 8, 2009;	CR&BC Environmental Protection Officer - Isake Beisheev; Assistant to Environmental Protection Officer - Daniyar Kaiduev	Before 30/03/2026	Submit Environmental Passport; obtain air emission permits; approve plant designs

№	Action	Requirement SSEMP/National legislation	Resources, Responsibility	Timetable	Comments
		Government Resolution No. 12 of January 17, 2020.			
4	It is necessary to clearly mark the boundaries of all quarries and spoil areas in accordance with the permitting documents.	ADB SPS	CR&BC Environmental Protection Officer - Isake Beisheev; Assistant to Environmental Protection Officer - Daniyar Kaiduev	Before 30/03/2026	Provide photo-evidence in the Contractor's monthly report.
5	Supplement the SSEMP with Traffic Safety Plan with the Main Directorate for Road Traffic Safety of the Ministry of Internal Affairs of the Kyrgyz Republic (MDRTS MIA KR) and the Construction Vibration Management Plan. Add a clause to Appendix 1 "Waste Management Plan" of the SSEMP to prevent the burning of any waste on the Project site.	ADB SPS Law of the Kyrgyz Republic "On Atmospheric Air Protection" No. 51 of June 12, 1999;	CR&BC Environmental Protection Officer - Isake Beisheev; Assistant to Environmental Protection Officer - Daniyar Kaiduev	Before 30/03/2026	Submit the updated SSEMP to the Engineer for approval.
6	Prevent the burning of any waste on the Project site. Ensure proper waste storage until it is transferred to organizations with which a waste removal contract has been concluded. Ensure separate waste collection. Establish temporary waste storage facilities in accordance with the requirements of Appendix 1 of the SSEMP.	ADB SPS; Law of the Kyrgyz Republic "On Atmospheric Air Protection" No. 51 of June 12, 1999; Law of the Kyrgyz Republic of August 15, 2023 No. 181 "On Production and Consumption Waste"; Appendix 6 SSEMP	CR&BC Environmental Protection Officer - Isake Beisheev; Assistant to Environmental Protection Officer - Daniyar Kaiduev	Constantly Before 30/03/2026	Provide photo-evidence in the Contractor's monthly report.
7	Organize a drainage ditch to divert runoff along the base of the slope near Lot 1 Production Plant, km 167+580 RHS, and install a barrier of stone materials along the weakest areas of the hill.	ADB SPS	CR&BC	Before 30/03/2026	Provide photo-evidence in the Contractor's monthly report.
8	Provide a solid foundation for parking for equipment and vehicles in the Camps. Ensure the availability of absorbent materials for spill management and designate a responsible person for managing fuel and	Appendices 3 and 4 SSEMP; Appendix 4 SSEMP	CR&BC Environmental Protection Officer - Isake Beisheev; Assistant to Environmental Protection Officer - Daniyar	Before 30/03/2026	Provide photo-evidence in the Contractor's monthly report.

№	Action	Requirement SSEMP/National legislation	Resources, Responsibility	Timetable	Comments
	lubricant spills at each camp and production facility. Familiarize the responsible person with Appendix 4 of the SSEMP "Spill Control and Containment Plan."		Kaiduev		
Occupational Health and Safety Issues					
9	Concrete strength testing baths at the Chyrak camp laboratory (km 202+220 RHS, Lot 2) must be brought into compliance with SNiP (Construction Norms and Regulations). An automatic thermostat must be installed to ensure compliance with testing regulations and protocol. Laboratory staff, including the consultant, must be provided with personal protective equipment and ear protection. Supply and exhaust ventilation must be installed, especially for subsequent technological processes.	ISO 45001 "Occupational Health and Safety Management System"; ADB SPS. Sanitary Regulations "Sanitary and Epidemiological Requirements for Laboratories"	CR&BC Top Management and Safety Officer Lot 2 Mairambek Kurmanaliev	Before 30/03/2026	Provide photo-evidence in the Contractor's monthly report.
10	Contractor safety officers must regularly check the correct location of fire extinguishing cylinders. It is recommended to strengthen compliance with sanitary standards and living regulations. Store fuel oil at a safe distance from residential premises. Establish a designated smoking area.	ISO 45001 "Occupational Health and Safety Management System"; ADB SPS.	CR&BC Safety Officer Lot 1 Omurbek Zhamanakov and Safety Officer Lot 2 Mairambek Kurmanaliev	Constantly	Provide photo-evidence in the Contractor's monthly report.
11	Contractor safety officers are advised to complete short-term occupational safety courses in the near future. The issue of combining road safety responsibilities with their primary position must also be addressed, and additional pay must be provided. Contractor safety officers must be provided with technical assistance to complete training, develop job-specific instructions, and comply with regulatory requirements.	Labour Code of the Kyrgyz Republic; Law of the Kyrgyz Republic of August 1, 2003, No. 167 "On Occupational Safety"; Government Resolution of the Kyrgyz Republic "Regulations on the Occupational Safety Service and on the Organization of Occupational Safety Work" of December 15, 1995, No. 533	CR&BC Top Management and Safety Officer Lot 1 Omurbek Zhamanakov and Safety Officer Lot 2 Mairambek Kurmanaliev	Before 30/03/2026	Provide information in the Contractor's monthly report.

№	Action	Requirement SSEMP/National legislation	Resources, Responsibility	Timetable	Comments
12	Cooks must obtain health certificates	KR Ministry of Health Order No.9	CR&BC Safety Officer Lot 1 Omurbek Zhamanakov and Safety Officer Lot 2 Mairambek Kurmanaliev	Before 30/03/2026	Provide information in the Contractor's monthly report.
Traffic Road Safety Issues					
13	Warning road signs on Lot 2 are located below 1.5 meters and are covered in mud, resulting in inadequate illumination. There are insufficient cones and illuminated strips at the drainage and detour construction sites in Lot 2. The detour sites on Lot 2 are below the existing road surface, which could lead to accidents. The signs need to be raised, the cones need to be buried to prevent them from falling, illuminated strips need to be installed at the drainage and detour construction sites, and the detour sites need to be raised to the existing road surface.	Traffic Regulations of the Kyrgyz Republic, Law of the Kyrgyz Republic "On Highways" No. 104 of May 22, 2023, Construction Regulations of the Kyrgyz Republic "SP KR 32-107:2024 "Highways"	CR&BC Safety Officer Lot 2 Mairambek Kurmanaliev	Before 30/03/2026	Provide photo-evidence in the Contractor's monthly report.

3.6 Trends.

149. Analysis of monitoring results, on-site inspections, and reporting documentation for the period October - December 2025 reveals several trends in the implementation of the Project's environmental, social, and occupational health and safety requirements.

150. Transition from initial issues to partial stabilization of processes: in October 2025, a significant portion of the identified issues were characteristic of the initial stage of project implementation, including the absence of certain permits and delays in conducting baseline instrumental monitoring. By December 2025, a gradual stabilization of management processes was observed, including:

- completion of baseline air and water quality monitoring;
- obtaining all permits for quarries and waste dumps;
- equipping camps with medical offices and first aid kits;
- beginning to adjust individual plans and procedures.

151. However, some issues remained unresolved, indicating the need for further strengthening of systemic control.

152. Concentration of issues on Lot 2: Throughout the reporting period, the highest number of recurring nonconformities was recorded on Lot 2, while the situation on Lot 1 was generally characterized as more stable and manageable.

153. Key issues on Lot 2 included:

- waste management (including repeated instances of solid waste incineration);
- lack of or partial delineation of quarries and waste dump boundaries;
- unsatisfactory condition of individual elements of the camp infrastructure.

154. This trend indicates uneven levels of internal control and environmental discipline between the Lots.

155. Recurrence of operational nonconformities: Despite the issuance of instructions by the Engineer and the presence of corrective measures, recurring individual nonconformities were recorded in October - December 2025. This indicates that the problems are not so much technical as organizational, and require increased internal oversight by the Contractor, particularly at the camp and production base levels.

156. Improvement in monitoring, but a lag in preventive measures: During the reporting period, a positive trend was observed in instrumental environmental monitoring - measurements were carried out in accordance with approved programs and in the presence of the CSC.

157. At the same time, preventive measures (preliminary surveys of residential buildings, archaeological excavations) lag behind the actual progress of work, which increases risks in subsequent stages of project implementation.

158. Increased attention to occupational health and safety issues: In November 2025, training sessions and introductory briefings were conducted, reflecting a positive trend in staff awareness.

159. However, systemic issues remain:

- insufficient qualifications and certification of occupational health and safety specialists;
- lack of approved job descriptions;
- dependence of foreign worker briefings on informal translation tools.

160. Overall, the period October - December 2025 is characterized by a transition from initial difficulties to the gradual establishment of a management system, while a number of operational and organizational problems persist, primarily in Lot 2.

3.7 Unanticipated Environmental Impacts or Risks.

161. The risks were identified and covered in the SSEMP document.

162. The SSEMP remains the main environmental management document for the Project. However, in line with the Corrective Action Plan, it requires targeted updates and supplementation to ensure full coverage of environmental safeguards, including traffic safety, vibration management, and strengthened waste management provisions. The document is therefore treated as a living management tool and will be updated and resubmitted for approval once the required additions are incorporated.

163. There were no unanticipated environmental impacts or risks during the reporting period.

3.8 Summary of Appeals and Grievances

164. A Grievance Redress Group (GRG) within the framework of the Grievance Redress Mechanism (GRM) at the project site is established before the commencement of construction work. The GRG includes representatives of local government bodies, Contractor, Consultant, and PIU.

165. No appeals or grievances regarding environmental protection issues were registered during the reporting period.

166. A Grievance Redress Group (GRG), comprising representatives from local government bodies, the PIU, the Consultant, and the Contractor, has been established and is functional. Although no grievances were registered during the current reporting period, proactive measures are required.

167. To enhance the visibility and functionality of the Grievance Redress Mechanism (GRM), the following actions will be anticipated:

- The Contractor has been instructed to install GRM information boards at all 5 construction camps and site offices. These boards will clearly display:
    - Multiple submission channels (phone, email, physical address);
    - Contact details of focal points;
    - Required response timelines;
    - An explicit non-retaliation note to protect complainants.
- Lockable GRM boxes will be placed in all construction camps and active work zones by April 2026. These boxes will be checked weekly by the EHS team, and all entries (if any) will be recorded in the project's centralized GRM log.

- In the next quarter, the Consultant will oversee a mandatory training session for all Contractors` personnel. The training will focus on GRM procedures and the fundamental right of workers to submit grievances without fear of reprisal. Evidence of this training (attendance sheets, photos) will be included in the next Quarterly Report.

168. The functionality of the GRM infrastructure (boards and boxes) will be integrated into the Engineer's weekly visual inspection checklists to ensure ongoing compliance.

4 RESULTS OF ENVIRONMENTAL MONITORING.

169. Baseline instrumental environmental monitoring is a prerequisite for establishing reference values of key environmental parameters (air quality, water quality, noise and vibration levels) before the start of construction. In accordance with:

- Requirements of Appendix 1, ADB Safeguard Policy Statement (2009);
- National environmental regulations and the requirements of Section D (Table 125) of the EIA;
- SSEMP Section 6 “Instrumental Environmental Monitoring Plan”;
- Requirements of clause 701.3 of the Technical Specifications.

170. The objectives of Baseline Instrumental Environmental Monitoring are to describe existing concentrations of pollutants before the start of construction work for subsequent control.

4.1 Overview of Instrumental Environmental Monitoring Conducted During the Current Period.

171. The sampling locations for conducting instrumental studies were selected in accordance with the EIA to ensure complete spatial coverage of all potentially sensitive receptors along the road section from km 141.6 to km 220, and taking into account the environmental and economic feasibility of measuring quality indicators.

172. Based on the results of the EIA, CRBC`s Environmental protection officers developed an Instrumental Environmental Monitoring Plan as part of the SSEMP.

173. The commercial laboratory of ProfiLab LLC carried out environmental instrumental environmental monitoring of noise and vibration levels.

174. Baseline instrumental environmental monitoring of surface water and air quality were conducted by the Department of Environmental Monitoring's laboratory under the MNRETS KR.

175. The sampling and analysis dates are indicated in the table below.

Table 15: Sampling and analysis dates

№	Monitoring	Sampling dates	Analysis dates
1	**Surface water quality**	09.10.2025 - 10.10.2025	13.10.2025 – 20.10.2025
2	**Air quality**	09.10.2025 - 10.10.2025	13.10.2025 – 17.10.2025
3	**Noise and vibration**	26.11.2025 - 27.11.2025	01.12.2025

176. In sections 4.1.1 to 4.1.3, the report presents the outcomes of instrumental environmental monitoring measurements implemented during the reporting period. Copies of laboratory protocols are attached to Appendices 4 - 6.

177. Below are photographs of the conducted baseline instrumental environmental monitoring of surface water and air quality.

Figure 35: Baseline instrumental environmental monitoring of surface water quality.

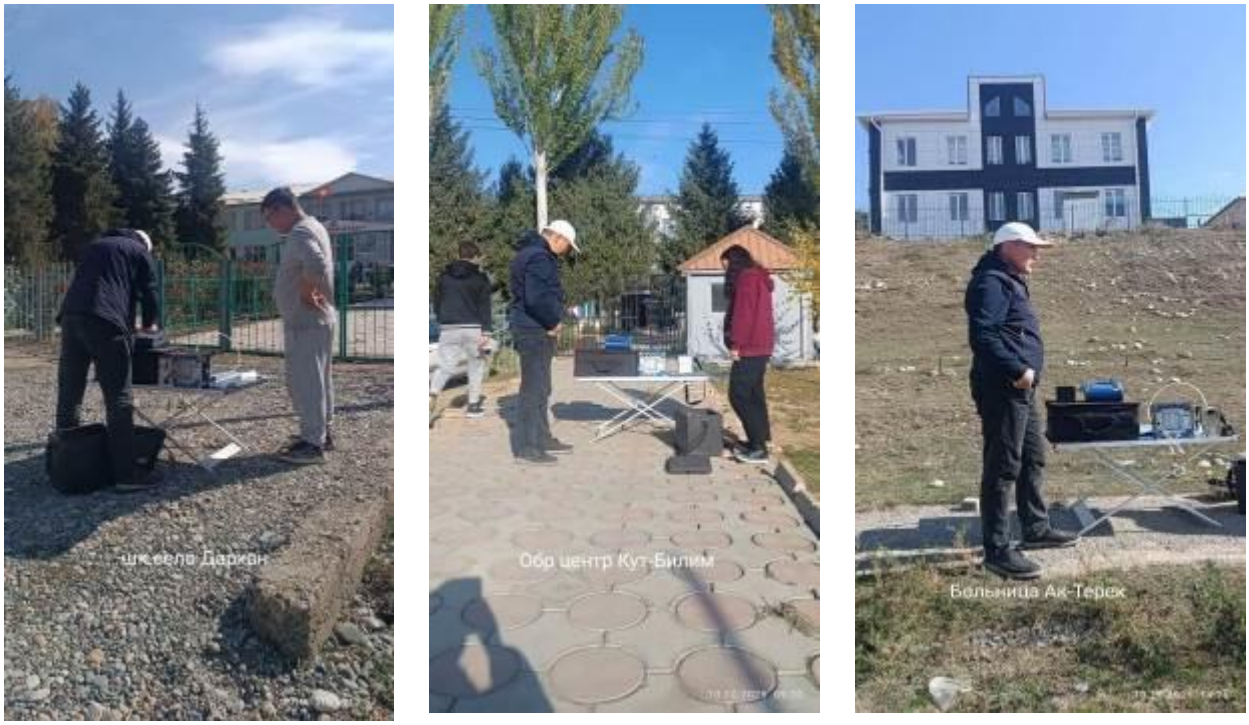

Figure 36: Baseline instrumental environmental monitoring of air quality

Figure 37: Noise and vibration measurements during quarry development at km 142+580, Lot 1

Figure 38: Noise and vibration measurements at the production site, CSP, Lot 2, km 202+220

Figure 39: Noise and vibration measurements at the road site at km 160+120, Lot 1

178. **Conclusion of Instrumental Monitoring:** The baseline instrumental monitoring conducted in October and November 2025 establishes a comprehensive environmental reference point before the start of main construction works. The overall analysis shows that the environmental situation in the project area is stable and manageable, although specific localized exceedances were identified:

- **Air Quality and Vibration:** Monitoring results confirm full compliance with national sanitary norms; no exceedances were recorded at any of the 16 sensitive receptors.
- **Surface Water Quality:** Most indicators remain within established limits. However, a single significant exceedance was identified in the **Juuku River (Sample No. 746)**, where petroleum products exceeded the fishery category MPC by **3.5 times**. As this is a baseline measurement, this value serves as a critical reference for the Contractor to ensure strict prevention of any additional oil-related contamination during future works.
- **Noise Levels:** While background noise is within norms, slight exceedances of **1 - 3 dBA** above the maximum permissible level were recorded near the **camp boiler room in Ak-Terek** during equipment operation.

179. These isolated baseline exceedances highlight specific areas (Juuku River and Ak-Terek site) that require enhanced preventive oversight. The Contractor has been instructed to use these baseline figures as a benchmark for strictly controlling future impacts once construction activities intensify.

4.1.1 Noise and Vibration Impact Monitoring.

180. The specialists of the ProfiLab LLC laboratory implemented the noise and vibration instrumental tests.

181. Vibration and noise levels were measured at 23 locations (quarry development and production sites), as shown in the table below.

Table 16: Locations of noise and vibration measurement points.

№	Checkpoint number in the protocols	Recipient name	Location
Lot 1			
1	Checkpoint №1	Quarry №1	Barskoon village, km 142+580, RHS (401 m from the road)
2	Checkpoint №2	Quarry №2	Barskoon village, km 142+580, RHS (1,269 m from the road)
3	Checkpoint №4	Quarry №4	Kichi-Jargylchak village, km 151+280, RHS (1,279 m from the road)
4	Checkpoint №5	Quarry №5	Kichi-Jargylchak village, km 152+440, RHS
5	Checkpoint №6	Quarry №6	Kichi-Jargylchak village, km 152+820, RHS
6	Checkpoint №7	Quarry №7	Zhenish village, km 163+000, RHS
7	Checkpoint №8	Quarry №8, Production site (CSP)	Darkan village, km 167+580, RHS (756 m from the road)
8	Checkpoint №9	Quarry №10	Saruu village, km 174+680, RHS (2,824 m from the road)
9	Checkpoint №10	Quarry №9	Saruu village, km 174+680, RHS (3,764 m from the road)
10	Checkpoint №11	Quarry №11	Kyzyl-Suu village, km 178+800, RHS
11	Checkpoint №12	The Ak-Terek Camp (boiler house)	Ak-Terek village, km 152+700, LHS
12	Checkpoint №13	The Ak-Terek Camp (Contractor's office)	Ak-Terek village, km 152+700, LHS
13	Checkpoint №14	The Ak-Terek Camp (Consultant's office)	Ak-Terek village, km 152+700, LHS
14	Checkpoint №15	Road site	km 160+120 (3 m from the road)
Lot 2			
15	Checkpoint №1	Quarry №12	Tilekmat village, km 191+384, RHS
16	Checkpoint №2	Quarry №14	Tilekmat village, km 193+760, RHS (1,861 m from the road)
17	Checkpoint №3	Quarry №15	Zhele-Dobo village, km 199+660, RHS (1,631 m from the road)
18	Checkpoint №4	Quarry №17	Chyrak village, km 202+220, RHS (6,512 m from the road)
19	Checkpoint №5	Production site	Chyrak village, km 202+220, RHS (6,512 m from the road)
20	Checkpoint №6	Quarry №18	Yrdyk village, km 208+940, RHS (955 m from the road)
21	Checkpoint №7	Quarry №19	Yrdyk village, km 209+360, LHS (200 m from the road)

182. Noise and vibration measurements were carried out with the Ecophysics 110A digital vibrometer calibrated according to the standard. Three measurements were taken at each point, with an interval of approximately 2 hours between measurements.

183. Noise measurements were conducted in accordance with GOST 20444-2014 "Noise. Traffic flows. Methods for determining noise characteristics" and GOST 32847-2014 "Public roads. Requirements for conducting environmental surveys" and GOST ISO 9612-2016 "Acoustics. Noise measurements to assess its impact on humans. Method of measurements in the workplace."

184. Vibration measurements were carried out in accordance with GOST 31319-2006 “Vibration. Measurement of general vibration and assessment of its impact on humans. Requirements for conducting measurements at workplaces”/ GOST 12.1.012-2004.

185. Instrumental noise measurements revealed that, at the time of measurement, noise levels generated by the operation of the Contractor's vehicles, special-purpose machinery, and other equipment, as well as background noise, ranged from 41 to 83 dBA. It is worth noting that at the Contractor's Camp in the village of Ak-Terek, the overall noise level in the boiler room and the Consultant's office exceeded the sanitary norm by 1 to 3 dBA. In other cases, noise levels did not exceed the sanitary norm (Resolution of the Kyrgyz Republic No. 201 of April 11, 2016, Appendix 14 "Noise in Workplaces, in Residential and Public Buildings, and on Residential Development Territories").

186. The results of instrumental vibration measurements showed that at the time of the measurements, the vibration levels at the measured points arising from the operation of vehicles, special equipment and other equipment of the Contractor, as well as the background vibration level, ranged from 68 dB to 105 dB, which also does not exceed sanitary standards (Sanitary Standards 2.2.4/2.1.8.566-96 “Industrial vibration in premises, residential and public buildings” / GOST ISO 8041-2006).

187. Detailed results of noise and vibration impact monitoring are given in Appendix 4 and Tables 16 and 17.

Table 17: Results of noise level monitoring.

Indicator	Unit	Monitoring data																				Comments
		Lot 1														Lot 2						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Equivalent noise leve (background), Leq	dBA	41	55	48	44	49	45	54	48	43	41	-	-	-	61	45	44	46	46	-	50	42	No exceedances of maximum permitted levels were recorded.
Equivalent noise level when the equipment is running, Leq	dBA	71	-	-	-	-	-	73	-	-	-	83	46	51	71	68	-	68	-	72	-	-	Exceeding the maximum permissible level 1 – 3 dBA
Maximum permissible noise level (MPL)	dBA	80	80	80	80	80	80	80	80	80	80	80	50	50	80	80	80	80	80	80	80	80	Resolution of the KR No. 201 of April 11, 2016

Table 18: Results of vibration level monitoring.

Indicator	Unit	Monitoring data																				Comments
		Lot 1														Loy 2						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Equivalent vibration level (background), Leq	dB	87	94	92	92	91	89	87	89	87	85	-	-	-	89	82	80	78	93	-	86	82	No exceedances of maximum permitted levels were recorded
Equivalent vibration level when the equipment is running, Leq	dB	99	-	-	-	-	-	92	-	-	-	85	68	81	105	90	-	95	-	91	-	-	No exceedances of maximum permitted levels were recorded
Maximum permissible vibration level (MPL)	dB	112	112	112	112	112	112	112	112	112	112	100	83	83	112	112	112	112	112	112	112	112	SS 2.2.4/2.1.8.566-96

4.1.2 Surface Water Quality Monitoring.

188. Surface water sampling and quality testing were conducted by specialists from the Department of Environmental Monitoring's chemical analysis laboratory under the MNRETS KR. During the reporting period, measurements were taken of water transparency, biochemical oxygen demand (BOD5), petroleum product content, and suspended solids (SS).

189. Samples were collected at 17 locations (see Table below).

Table 19: Locations of sampling points from surface water bodies.

№	Place	Description places	UTM coordinates	
743	River Chyrak	40 m below by the current		
744	River Chong-Kyzyl-Suu	60 m up by the current from the bridge, left shore	42.35018	78.0266
745	River Chong-Kyzyl-Suu	40 m below by the current from the bridge, under the concrete fence (at the end of the vegetable garden, first Houses from the road)	42.352199	78.019894
746	River Juuku, Saruu village	60 m up by the current from the bridge, left shore	42.31746	77.90234
747	River Juuku, Saruu village	40 m below by the current from the bridge, under concrete fencing channel (water after the bridge entirely goes into the irrigation channel)	42.31950	77.9022
748	Issyk-Kul Lake	The district confluences the Juuku River in Issyk-Kul Lake	42.362268	77.866073
749	River Juuku, Darkhan village	60 m up by the current from the bridge, left shore (in the garden near the house)	42.31101	77.88013
750	River Juuku, Darkhan village	40 m below by the current from the bridge, across the yard near the house	42.31123	77.87931
751	Issyk-Kul Lake	Zone kernels biosphere reserve around Darkhan village	42.302401	77807944
752	Issyk-Kul Lake	The district confluences the rivers Ak-Terek and Issyk-Kul Lake	42.225823	77.709615
753	River Ak-Terek	40 m below by the current from the bridge, under the concrete fencing on the right bank	42.224069	77.71153
754	River Ak-Terek	50 m up by the current from the bridge, right shore concrete fencing	42.22310	77.71325
755	River Kichi-Jargylchak	50 m up by the current from the bridge, left shore	42.20787	77.68498
756	River Kichi-Jargylchak	45 m down by the current from the bridge	42.20817	77.68435
757	Issyk-Kul Lake	District confluences rivers Kichi-Jargylchak to the Issyk-Kul Lake	42.208512	77.683884
758	Issyk-Kul Lake	The closest to the road zone on Issyk-Kul Lake	42.189691	77.644888
759	Issyk-Kul Lake	Support the quality of water in Issyk-Kul Lake	42.37125	77.61691

190. Laboratory tests were carried out under the “Rules for the Protection of Surface Waters of the Kyrgyz Republic” of the Government of the Kyrgyz Republic dated March 14, 2016, No. 128, and the hygienic standards “Maximum allowable concentration limits (MAC) for chemicals in the water of water bodies for household-drinking and domestic-utility needs of the public", dated April 11, 2016, No. 201.

191. Chemical testing results for the collected water samples revealed a 3.5-fold excess of the MPC (maximum permissible concentration) for petroleum products at point No. 746, compared to the fishery category. No excess was detected for the cultural and household category. Other indicators were within established limits.

192. The results of monitoring surface water quality are presented in Appendix 5 and the Table below.

Table 20: Results of monitoring the quality of surface waters

Indicator	Unit	Test results																	MPC	
		743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	fishery	household
Petroleum products	mg/l	0.179	0.185	0.175	0.177	0.077	0.127	0.039	0.038	0.028	0.018	0.033	0.048	0.032	0.038	0.076	0.068	0.053	0.05	0.3
BOD5	mg O/l	1.2	1.0	1.10	1.20	1.00	1.30	0.90	1.60	1.20	1.20	1.20	1.10	1.40	1.10	1.00	1.70	2.00	3.0	4.0
SS	mg/l	2.40	2.80	2.00	2.40	2.00	2.40	3.60	2.40	3.20	2.40	2.00	2.80	2.00	3.20	2.40	3.20	2.40	An increase in background of 0.25/0.75 is allowed.	
Transparency	sm	47.0	45.0	49.0	46.0	48.0	47.0	47.0	48.0	47.0	47.0	47.0	45.0	44.0	47.0	43.0	46.0	48.0	-	

4.1.3 Air Quality Monitoring.

193. Air sampling and quality testing were conducted by specialists from the Department of Environmental Monitoring's chemical analysis laboratory under the MNRETS KR.

194. Instrumental air quality studies include analysis for the presence of the following pollutants:

- nitrogen dioxide (NO_x);
- sulfur dioxide (SO_2);
- carbon monoxide (CO);
- particulate matter (PM_{10}, $PM_{2.5}$).

195. Samples were collected at 16 locations along the road in the vicinity of populated areas, as presented in the table below.

Table 21: Locations of air quality sampling points

No.	Sensitive recipients impact	Address	Distance to roads (m)
759	Bosogo Guests House	Karakol, 218A. Toktogul st.	20
760	Residential house	Konkino, 2 Allapaev Abalbek st.	11
761	Residential house	Baltabay, 6 Abdyldaev Osmon st	49
762	Residential house	Kytai, 1 Tekebaev st.	20
763	Residential house	Jele-Dobo, 1 Cossack Usekov st.	19
764	Tilekmat Mosque	Tilekmat, 46 Salyk Torgoev st.	20
765	Sanjyra Museum	Orgochor, 1 Togolok-Moldo st.	18
766	Kut Bilim Isyk-Kul educational and training Complex »	Kyzyl-Suu, 72/1 Manas st.	37
767	S. Abdrakmanov educational school	Kyzyl-Suu, 158 Manas st.	62
768	V. Lenin educational school	Kyzyl-Suu, 155 Manas st.	33
769	S. Sydykov educational school	Saruu, 63A Jeenbaev Aji st.	31
770	Kudaibergen Saaliev educational school	Darkhan, 45 Konokkazy. Daniyarov st.	57
771	Jengish Mosque, children's garden	Jengish, 46 Kenenbay st.	25
772	Hospital	Ak-Terek, 40 Baytik Kydyraliev st.	33
773	Sports school	Kichi-Jargylchak	25
774	Chong-Jargylchak Mosque	Chong-Jargylchak 1 Jashtyk st.	48

196. Laboratory tests were conducted in accordance with air pollution control guidelines.

197. According to the results of chemical tests, no exceedance of MAC (maximum permissible concentrations) was observed in the processed atmospheric air samples for any pollutant.

198. The MAC corresponds to the established hygienic standard approved by the Resolution of the Government of the Kyrgyz Republic No. 201 of April 11, 2016, Appendix 17 “MAC of pollutants in the atmospheric air of populated areas”.

199. The monitoring results are presented in Appendix 6 and in the Table below.

Table 22: Results of air quality monitoring

Pollutants	Unit	Test results																MAC
		759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	mg/m^3
Sulfur dioxide	мг/м^3	0.282	0.041	0.045	0.039	0.043	0.118	0.047	0.051	0.057	0.078	0.079	0.106	0.074	0.114	0.078	0.126	0.5
Nitrogen dioxide	мг/м^3	0.056	0.071	0.060	0.069	0.055	0.050	0.102	0.062	0.053	0.089	0.069	0.078	0.065	0.052	0.080	0.050	0.085
Carbon monoxide	мг/м^3	0.5	0.7	0.5	0.5	0.6	0.5	0.6	0.6	0.3	1.0	0.7	0.4	0.8	0.3	0.2	0.5	5.0
Particulate matter	мг/м^3	0.160	0.160	0.160	0.160	0.160	0.213	0.160	0.160	0.160	0.160	0.160	0.213	0.160	0.213	0.160	0.213	0.5

4.2 Trends.

200. The instrumental monitoring conducted during the current reporting period serves as the official Environmental Baseline for the project. Since main construction activities were limited or suspended due to winter conditions, these results represent the pre-project and early-mobilization environmental state.

201. Starting from the next reporting period (Q1 2026), all subsequent instrumental monitoring results will be statistically compared against these baseline values to identify emerging trends. This will allow the project team to distinguish between pre-existing environmental conditions and impacts directly caused by construction activities.

202. Treatment of Identified Exceedances as Baseline Risks: The project team does not dismiss the localized exceedances identified during this period but treats them as critical baseline risks that require proactive management:.

203. **Noise and vibration:** measured noise and vibration levels at the monitoring locations comply with applicable sanitary standards. Recorded values are primarily attributable to background sources (existing road traffic and local economic activities) and to the operation of construction machinery.

204. Minor exceedances of noise levels by 1–3 dBA were observed in certain premises within the Ak-Terek camp (boiler room and Consultant's office). These exceedances are spatially limited and do not indicate a persistent negative trend.

205. According to the protocols presented in Appendix 4 and the summary in Table 16, the following standards from the Resolution of the Kyrgyz Republic No. 201 (April 11, 2016, Appendix 14) were applied:

- Consultant's Office (Checkpoint No. 14): A minor exceedance of 1 dBA was identified against a 50 dBA maximum permitted levels (MPL). This more stringent limit was applied in accordance with Table 2 of the Resolution of the Kyrgyz Republic No. 201, which governs workplaces for 'creative activity, management work with high requirements, scientific activity, design and engineering, and data processing'.
- Boiler Room (Checkpoint No. 12): An exceedance of 3 dBA was recorded against an 80 dBA MPL in accordance with Table 2 of the Resolution of the Kyrgyz Republic No. 201. This standard relates to 'all other types of work at permanent workplaces in production premises and on the territory of enterprises'.

206. These exceedances are spatially limited to technical and administrative interiors of the camp and do not indicate a trend or impact on the surrounding community,. Monitoring at nearby sensitive community receptors confirmed that noise levels remain fully compliant with community sanitary norms.

207. No exceedances of the permissible **vibration** limits were recorded, suggesting that cumulative vibration impacts on sensitive receptors were absent during the reporting period.

208. **Surface water quality:** at all monitoring points, surface water quality parameters (BOD_5, suspended solids, and transparency) meet regulatory standards for cultural, household, and fishery water use.

209. A one-time excess of the MAC for petroleum products in the fishery category was noted at one point (the Dzhuuku River, the village of Saruu) by 3.5 times, which, given the absence of excesses in the cultural and household category and other indicators, is not considered a

stable negative trend. Overall, the data indicate that the natural hydrochemical background of surface water bodies within the project area remains unchanged.

210. The results presented in Table 20 represent **baseline instrumental monitoring** conducted in October 2025, prior to the commencement of main construction and installation works.

211. A preliminary investigation was conducted. Since main construction was not yet active at the time of sampling, potential external sources include local economic activities in the village of Saruu. However, to ensure no project-related impact, the Consultant has conducted a targeted audit of the Contractor's mobilization activities.

212. Immediate Corrective Actions:

- The Contractor has been officially instructed (as per **Issue No. 17** in the Issues Tracking table) to designate specialized spill response personnel at all camps and production sites.
- The Contractor must ensure the immediate availability of absorbent materials for spill management in accordance with the **'Spill Control and Containment Plan'** (Appendix 4 of the SSEMP).

213. Exceeding the maximum permissible concentrations of petroleum products may be due to anthropogenic factors associated with nearby rivers:

- Households: use and storage of fuel (gasoline, diesel), motor oils, and other petroleum products for household appliances and vehicles; possible leaks during storage and operation.
- Runoff from roads and courtyards where vehicles are used.

214. In the next reporting quarter, visual monitoring of all river sections covering an area of 500 meters and further upstream will be conducted.

215. According to the Surface Water Protection Rules, approved by the Kyrgyz Republic Government Resolution No. 128 dated March 14, 2016, water quality requirements for cultural and domestic water use apply to all sections of water bodies located within populated areas, regardless of their intended use. Concentrations of petroleum products in water bodies within the Project implementation area are within the maximum permissible concentrations for domestic and drinking water use, as well as for cultural and household water use.

216. To verify if the result was isolated and to monitor any changes as construction activity increases, **follow-up water sampling** is scheduled for the next monitoring cycle in **March 2026**, coinciding with the resumption of active works after the winter suspension.

217. **Air quality:** ambient air monitoring results demonstrate that concentrations of nitrogen dioxide, sulfur dioxide, carbon monoxide, and particulate matter at all monitoring locations remain below the established maximum permissible concentrations. No spatial or temporal increases in pollutant concentrations were detected near sensitive receptors, indicating no adverse air quality trends during the reporting period.

218. **Overall assessment:** the monitoring results confirm that, at the baseline stage, the project-related environmental impacts are limited and manageable. The identified deviations are localised and non-systemic and do not indicate the development of unfavourable environmental trends. The collected data provide a reliable baseline for ongoing monitoring

and the timely identification of potential changes in environmental conditions during subsequent stages of project implementation.

219. Future Monitoring and Statistical Analysis: In the subsequent Quarterly Environmental Monitoring Reports, a comparative trend analysis table will be introduced. This table will track the evolution of key parameters (air, water, noise, vibration) at all sensitive receptors, providing a clear representation of environmental performance relative to this established baseline and standard concentrations/levels.

4.3 Material Resources Utilisation.

220. China Road and Bridge Corporation uses water for dust suppression from previously agreed-upon and approved water sources (Kichi-Jargylchak River, km 149+680; Ak-Terek River, km 152+760; Dzhuku River, Darkhan Village, km 170+220; Dzhuku River, Saruu Village, km 172+200; Chon Kyzyl-Suu River, km 181+980).

221. Approval for water intake was received from the State Institution under the Water Resources Service under the Ministry of Water Resources, Agriculture and Processing Industry of the Kyrgyz Republic, the Issyk-Kul Main Water Management Directorate, dated September 10, 2025, No. 01_11/133.

222. While the SSEMP does not set specific monitoring indicators for the use of electricity, water, and other materials, the Contractor will maintain resource utilization logs. The CSC will review these logs as part of routine supervision to ensure efficient resource management and compliance with general environmental requirements.

4.4 Waste Management.

223. The Contractor has developed a Waste Management Plan under the SSEMP, which describes the waste management activities for the project.

224. During the reporting period, waste management was carried out in accordance with the requirements of the Site-Specific Environmental Management Plan (SSEMP) and the national legislation of the Kyrgyz Republic. The Contractor has established a system for the segregation, temporary storage, and removal of waste generated during construction activities, as well as during the operation of construction camps and production facilities.

4.4.1 Municipal solid waste (MSW).

225. Waste containers are installed at construction camps and production sites for the collection of municipal solid waste.

Figure 40: The Kichi-Jargylchak Camp, km 150+610 LHS, solid waste collection

Figure 41: The Ak-Terek Camp, km 152+700 LHS, solid waste collection

Figure 42: The Chyrak camp, km 199+460, LHS

226. On Lot 1, the removal of municipal solid waste is carried out under Contract No. CRBC/KG/YSKH75/2025A-013 with the municipal enterprise “Barskoon-Service” (see Appendix 7).

227. On Lot 2, MSW removal is carried out under the Contract with the municipal enterprise “Yntymak-Service” No. 10 dated 14 August 2025 (The agreement was presented in the previous quarterly report).

228. In most camps, MSW collection and removal requirements are generally complied with. However, during the reporting period, non-compliance was identified at the Chyrak camp (km 199+460 LHS), including improper temporary storage, delayed waste removal, and open burning of solid waste. Open burning is strictly prohibited under the national environmental legislation (Law No. 181 "On Production and Consumption Waste").

229. The Contractor was instructed to immediately cease all waste burning and implement the following corrective actions:

– supplement the SSEMP with a clear ban on waste burning;

- provide covered and clearly labelled waste containers;

– establish a designated temporary waste storage area in accordance with the SSEMP Waste Management Plan;

– improve housekeeping practices within the camp;

– increase the frequency of waste removal to prevent accumulation.

230. The Contractor’s Environmental Protection Officer Daniyar Kaiduev is responsible for implementation of these measures. Immediate cessation of burning was required upon notification, while the remaining measures are to be completed no later than 30/03/2026. Compliance will be verified during follow-up inspections.

Figure 43: The Chyrak camp, km 199+460, LHS. The storage conditions for solid waste do not meet environmental and sanitary requirements

4.4.2 Domestic wastewater.

231. Wastewater from sanitary facilities at construction camps is collected in septic tanks and subsequently removed by specialized service providers.

232. On Lot 1, wastewater removal is carried out under Contract No. CRBC/KG/YSKH75/2025A-013 with the municipal enterprise “Barskoon-Service” (see Appendix 7).

233. On Lot 2, wastewater is removed under the Contract with the individual entrepreneur “Alexander Sergeyevich Bushuev” No. 15 dated 2 September 2025 (see Appendix 8).

234. No cases of unauthorized discharge of wastewater were identified during the reporting period.

4.4.3 Construction waste and soil.

235. Construction waste and unsuitable soil are stored and placed exclusively in the agreed and permitted thirty spoil areas (waste dumps). Unsuitable soil is transported to locations approved by the IKRO MNRETS KR. Disposal locations are also approved by local authorities. No cases of waste disposal outside approved sites were recorded during the reporting period.

236. Among the violations of the Waste Management Plan under SSEMP, one can highlight the lack of clear marking of the boundaries of the waste dumps.

4.4.4 Documentation and control.

237. The Contractor maintains waste accounting logs, and compliance with waste management requirements is monitored through regular inspections conducted by the Contractor’s and the Consultant’s environmental specialists. Overall, the waste management system is operational; however, further attention is required to ensure proper organization of temporary storage areas and the regularity of waste removal across all project sites.

238. Overall, the Project's waste management approach can be characterised as "in its infancy." The contractor is recommended to supplement the Waste Management Plan (WMP) with a requirement prohibiting waste burning.

4.5 Health and Safety.

4.5.1 Community Health and Safety.

239. One of the main goals of the project is to enhance safety for both road users and pedestrians in populated areas. The project road passes through villages for approximately 32 km, where special safety measures are included:

- Lighting: Installation of street lighting along 75.2 km.
- Pedestrian infrastructure: Construction of 47 km of sidewalks, installation of barriers, and 104 new bus stops.
- Safe crossings: Nine underpasses for people and livestock are planned, as well as the installation of safety islands and traffic signals (141 sets).
- Inclusion: $12.5 million has been allocated for safety measures, including the implementation of inclusive projects that take into account the needs of the elderly, women, children, and persons with disabilities.

240. The Contractor hired full-time:

- Lot 1 Safety officer - Omurbek Zhamanakov, and

- Lot 2 Safety officer - Mairambek Kurmanaliev.

241. During the reporting period, the Contractor implemented measures to minimise anthropogenic impacts on residents:

- Dust suppression: To reduce health risks near populated areas, watering machines were in operation daily from 7:30 AM to 7:00 PM.
- Noise and vibration control: Monitoring showed that vibration and noise levels in all populated areas do not exceed sanitary standards.
- Traffic safety: The Contractor developed and coordinated a Traffic Safety Plan with the Main Directorate for Road Traffic Safety of the Ministry of Internal Affairs of the Kyrgyz Republic (MDRTS MIA KR).

242. There were no road traffic accidents during the reporting period.

243. The Consultant's road safety specialist, Ruslanbek Kasymov, regularly visits of the project road and construction sites to ensure safety measures were followed. Urgent actions were closed immediately, and actions requiring longer fulfilling were formally communicated to the Contractor.

244. The contractor carries out maintenance work on the road section from km 141.6 to km 220.

Figure 44: Suppressing dust in embankment construction areas to prevent poor visibility on the main road

Figure 45: Clearing the road of snow and sprinkling it with inert material along the entire road section

245. Identified Non-Conformities and Risks: Inspections in November 2025 revealed serious deficiencies on Lot 2 that directly impact resident safety:

- Poor Warning Sign Visibility: Warning signs were installed at a height of less than 1.5 m and covered in mud, making them ineffective at night.
- Dangerous Detours: Detours were lower than the main road surface, leading to puddles and creating a risk of ice and accidents.
- Deficiency in Signalling Equipment: A shortage of cones and reflective tape was noted at sites of drainage construction.

246. The Contractor was informed of the inspection results and the Corrective Action Plan by the Engineer's official letter dated November 18, 2025, No. KYR003_CRBC_125_SM.

247. A Grievance Redress Group (GRG) has been established at the project site, comprising representatives of local authorities and the Consultant. No complaints or appeals from local residents regarding safety or environmental issues were registered during the reporting period (October - December 2025).

4.5.2 Worker Safety and Health.

248. During the reporting period, occupational health and safety (OH&S) measures were implemented in accordance with the project's OH&S Plan and national regulatory requirements. From November 2 to 5, 2025, an OH&S specialist was dispatched to assess the actual state of working conditions, worker accommodation, and the functioning of the OH&S management system at the Lots 1 and 2 construction sites.

249. An incident registration system has been implemented and is maintained regularly. The project maintains safety performance records in accordance with international standards (LTI, FAI, LTIFR, and TRIFR). All data is recorded in dedicated work logs and incidental reports.

250. During the reporting period, there were no accidents, incidents that led to problems with employee health and safety, or incidents related to downtime.

251. As part of measures to safeguard workers' health, medical offices have been established at the Ak-Terek Camp (km 152+700) and the Chyrak Camp (km 199+460). Medical services at these camps are provided by medical personnel on a part-time basis, ensuring first aid, initial health assessments, and basic medical consultations for workers.

Figure 46: Medical offices in camps

252. All other worker camps and project production facilities are equipped with first-aid boxes stocked in accordance with applicable requirements. These first-aid kits are placed in accessible locations and intended to provide immediate assistance in case of minor injuries or sudden deterioration in health before referral to medical facilities or the arrival of medical staff.

253. The Contractor conducts initial safety briefings and mandatory training (see section 4.5.3).

254. The HSE engineer daily checks critical safety equipment (fire extinguishers, sandboxes, other fire-fighting equipment, first aid kits, etc.).

Figure 47: Equipped fire safety boards.

255. During the reporting period, the Contractor and Consultant focused on employee health and safety issues. To assess the actual working and living conditions of personnel, as well as the level of compliance with health and safety requirements, site visits were conducted in early November 2025 to the construction sites of Lots 1 and 2, including production facilities, quarries, laboratories, and worker accommodation camps.

256. The following are the non-conformities identified during the inspection.

257. **Medical Support and Prevention:** The Inspection revealed an insufficient level of medical oversight:

- no confirmation on the completion of preliminary and periodic medical examinations by the majority of employees.
- kitchen staff lack health certificates;
- no information on life and health insurance for employees.
- no first aid kits in the laboratory facilities.

258. These deficiencies are considered systemic and require centralized resolution by the Contractor and subcontractors.

259. **Safety at Production Facilities:** The most dangerous violations were recorded in the laboratory located in the Chyrak village camp, km 202+220, Lot 2:

- The laboratory lacks supply and exhaust ventilation (see Figure 47).
- Electrical Safety: In the laboratory, concrete testing is conducted in a bath with three open household boilers connected directly to the network without a thermostat, creating a risk of fatal electric shock (see Figure 47).
- Personal Protective Equipment (PPE): The availability of PPE for workers is uneven. In some cases, PPE is either absent or inappropriate for the types of work performed

(laboratories, high-noise areas, work with electrical equipment). Laboratory personnel are not provided with earmuffs to protect against the noise of rock crushers or other necessary PPE.

- First Aid: The laboratories lack first aid kits, which is unacceptable given the risk of thermal/chemical burns and poisoning. No practical first aid training was conducted during the reporting period.

Figure 48: Laboratory of the Chyrak camp, km 202+220, Lot 2

260. **Fire Safety and Pollution Risks:**

- Equipment: Fire shields and fire extinguishers are available in all camps, but at the Chyrak camp, km 202+220, fire extinguisher cylinders are located at the back of the premises rather than near the doors.

- Fuel Spills: Oil spills onto the ground were recorded in equipment parking areas due to the lack of a hard surface.

261. **Conclusions and Next Steps:** Inspections revealed that the occupational health and safety management system is in its infancy. The main risks to worker health and safety are not related to the production processes per se, but to organisational and everyday aspects, including living conditions, the sanitary conditions of the camps, insufficient personal protective equipment (PPE), and the limited training of subcontractor occupational health and safety specialists.

262. At the same time, no serious safety violations were identified at the production facilities (quarries, construction and demolition plants, and asphalt concrete plants) during the visit, indicating potential for further improvement of the occupational safety and health system, provided that management oversight is strengthened.

263. Overall, no lost-time accidents were recorded during the reporting period. However, the identified nonconformities indicate the need for:

- Strengthening oversight of the occupational safety and health system;

- Providing laboratories with ventilation and automatic thermostats;

- A systematic approach to medical examinations and insurance;
- Continuing the qualifications of occupational safety specialists;
- Expanding training programs and practical training, including first aid skills.

264. Based on the results of the inspections, the Contractor and subcontractors were issued recommendations (IRD Ref. November 18, 2025, No. KYR003_CRBC_125_SM) aimed at gradually improving working and living conditions and industrial safety.

265. Implementation of the recommended corrective measures will significantly reduce risks to workers' health and safety in subsequent construction stages.

4.6 Training.

266. The Contractor’s occupational health and safety (OHS) training program consists of the following components:

- Initial orientation to familiarize all workers and staff with OHS is conducted within the first week of their assignment.
- Short daily thematic briefings (toolbox talks);
- Periodic OHS training sessions are held at least once every six months (see Figure 52).
- Monthly regular meetings to discuss OHS matters.
- Regular inspections to test, maintain, and inspect safety equipment, such as fire shields, fire extinguishers, barriers, work platforms, winches, ladders, lighting, road signs, personal protective equipment (PPE), and other safety devices.

267. The introductory orientations are conducted for each new employee, and records of their completion are documented in the "Register of Introduction Briefings on Occupational Safety."

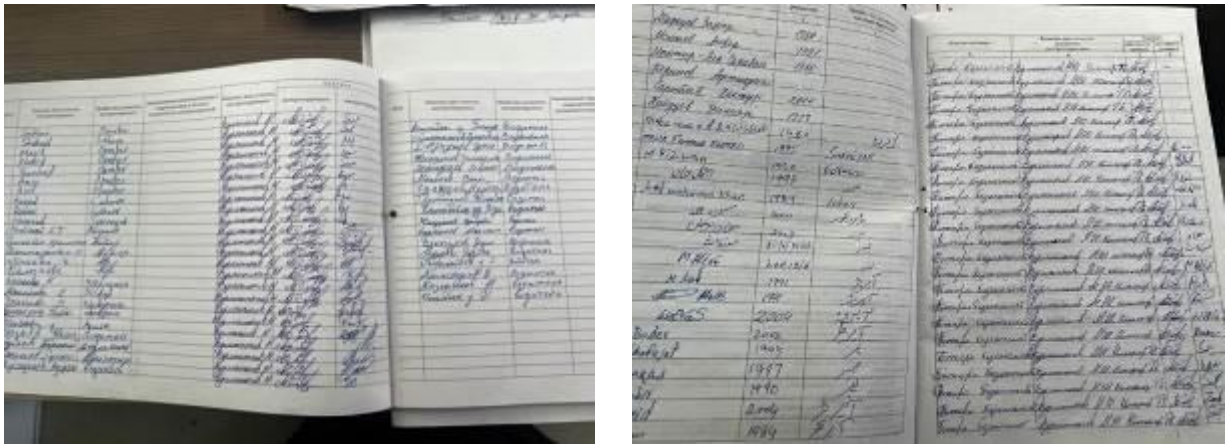

Figure 49: Register of Introduction Briefings on Occupational Safety

268. During the reporting period, employee training on occupational health, safety, and road safety was conducted as part of scheduled inspections and the Contractor's ongoing activities. The training aimed to raise staff awareness of key risks associated with road construction, equipment operation, camp living conditions, and vehicle movement within the project area.

269. From November 2 to 5, 2025, during an inspection visit to the construction sites of Lots 1 and 2, Ainagul Isakova, the Consultant's health and safety specialist, conducted training sessions at the Ak-Terek Camp (km 152+760, Lot 1) and the Chyrak Camp (km 199+460, Lot

2). Employees of the Contractor and subcontractors, including personnel from production bases and auxiliary facilities, participated in the training sessions.

270. The training program included the following topics:

- General site instructions on fire safety measures;
- Occupational health and safety at road construction production facilities;
- The concept and basic principles of occupational health and safety.

271. The sessions covered the key requirements of current legislation and design documents, typical risks associated with road construction work, safety rules at production sites and in camps, and personnel actions in the event of emergencies and abnormal situations. Particular attention was paid to injury prevention, fire safety compliance, and employees' personal responsibility for complying with occupational health and safety requirements.

272. The training sessions helped update staff knowledge, identify the need for targeted training, and determine priority areas for strengthening the site's occupational health and safety system. It is planned to continue training activities as construction work progresses and the number of personnel increases.

273. Below are photographs from the training sessions.

Figure 50 Training, Lot 1, Camp/Office, km 152+700 LHS.

Figure 51: Training, Lot 2, Camp/Office, km 199+460 LHS.

274. As part of the safety improvement measures implemented during the reporting period, the Contractor's occupational health and safety specialists conducted a targeted training session for drivers on road safety issues on November 24, 2025. The training aimed to raise drivers' awareness of the importance of strictly adhering to road safety regulations when operating construction equipment and motor vehicles in the project area.

275. Below are photos of the OHS training sessions conducted by the Contractor's OHS specialists.

Figure 52: Conducting daily thematic briefings (toolbox talks).

276. During the training, special attention was paid to the risks associated with driving in conditions of limited visibility, including darkness, morning and evening hours, and adverse weather conditions, including fog. Participants were briefed on speed limits, the use of warning lights, vehicle maintenance, and keeping a safe distance, as well as on drivers' responsibilities for preventing accidents at construction sites and adjacent roads.

277. The training sessions helped update staff knowledge, increase awareness of occupational health and safety issues, and identify the need for further targeted training. It is planned to continue training and briefings as construction progresses and the number of personnel on site increases.

278. To ensure a proactive approach to risk management, the project's future training programs will be expanded to include high-risk topics specifically relevant to site conditions, such as traffic management and road safety, emergency response, fire safety, lifting operations, working at height, electrical safety, and hazardous materials handling. Furthermore, specialized modules will be introduced on practical First Aid (addressing the absence of such training in the current period) and the Grievance Redress Mechanism (GRM), to ensure that all personnel and stakeholders are fully aware of the formal procedures for submitting and resolving appeals. It is planned to continue these specialized training activities and briefings as construction progresses and the number of personnel on site increases.

5 SSEMP FUNCTIONING.

5.1 The SSEMP Review.

279. The SSEMP was reviewed and approved in July 2025. The document outlines the measures proposed under the Project to prevent, minimize, or mitigate adverse environmental impacts arising from the Project.

280. The SSEMP is the Contractor's (China Road & Bridge Corporation - CRBC) primary working document for environmental management and monitoring during the construction phase. The plan was developed based on the Environmental Impact Assessment (EIA), the ADB Safeguards Policy Statement, and the laws and regulations of the Kyrgyz Republic.

5.1.1 Structure and scope.

281. The SSEMP has a clearly defined structure, including:

- Introduction (site information, purpose, and structure of the Plan);
- Compliance obligations (recognition of laws, compliance with requirements);
- Organization and personnel;
- Communication and reporting;
- Environmental monitoring: Environmental Management and Monitoring Plan.

282. The SSEMP is supplemented by 13 separate plans (sub-plans), which detail the necessary mitigation measures aimed at minimizing negative impacts. These include: Waste Management Plan, Occupational Health and Safety Plan, Biodiversity Management Plan, Asbestos-Containing Materials (ACM) Management Plan, Construction Vibration Management Plan, and others.

5.1.2 Organization and Responsibility.

283. The Contractor (CRBC) has undertaken to perform the Works in accordance with Kyrgyz legislation and the SSEMP. Key personnel have been appointed.

284. Supervision: The Contractor’s Environmental protection officers (Isake Beisheev and Daniyar Kaiduev) and the Contractor’s Safety officers (Omurbek Zhamanakov and Mairambek Kurmanaliev) are supervised internally by the Contractor’s Project Managers (Sun He and Xie Lei). External oversight and compliance monitoring are provided by the CSC’s National Environmental Specialist (Nasiba Akhmatova) and International Environmental Specialist (Olga Syzonenko).

285. Verification of Audits and Field Diaries: The CSC verifies the accuracy of the Contractor’s weekly audits and daily field diary entries through the following mechanisms:

- Continuous Presence: The CSC’s National Environmental Specialist will be permanently based on the construction site, allowing for daily verification of activities and record-keeping.
- Joint Inspections: As documented in Table 11, the CSC and the PIU conduct regular joint site audits with the Contractor’s specialists to verify findings recorded in the diaries.

- Documentary Review: During routine supervision, the CSC formally reviews the Contractor's environmental and OHS supervision logs and monitoring registers to ensure consistency between reported data and actual site conditions.

286. Formal Feedback: Any discrepancies or non-compliances identified during these reviews are officially communicated to the Contractor via the Engineer's Instruction letters, requiring documented evidence of corrective actions.

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5.1.3 Environmental Management Plan.

287. The Environmental Management Plan (Table 5.1 of the SSEMP) describes mitigation measures for various types of work and potential impacts, indicating locations, timing, and responsible persons.

288. **Air Quality and Noise:** Air and noise monitoring is provided in highly sensitive areas. Measures include wetting the road surface every two hours, speed restrictions, suspension of work during strong winds, and a ban on construction activities near sensitive areas (hospitals, schools, mosques) from 10:00 PM to 6:00 AM.

289. **Water Resources:** The discharge of materials, wastewater, and chemicals onto the soil is prohibited. Watertight concrete septic tanks are provided in camps and production sites. Work near watercourses should be carried out during low-flow periods to minimize impacts (siltation).

290. **Erosion and Reclamation:** To prevent erosion, slope reinforcement with gabions, storm drain lining, and immediate protection of long-term topsoil piles with fast-growing vegetation are provided.

291. **Cultural Heritage:** Work will be carried out strictly in accordance with the "Project for the Protection Zones of Historical and Cultural Heritage Sites." If artifacts are discovered, work must be stopped immediately, and the archaeologist and relevant authorities must be informed.

292. **Tree Felling:** Trees felled must be replaced by new trees at a ratio of 1 to 2.

5.1.4 Environmental Monitoring Plan (EMP).

293. Instrumental monitoring (water quality, air quality, noise, and vibration) will be conducted by an accredited laboratory.

294. **Water Monitoring:** Samples will be taken at 17 points on rivers (50 m upstream and 40 m downstream from the bridges) and in Lake Issyk-Kul to determine suspended solids and total petroleum hydrocarbons.

295. **Noise/Vibration/Air Monitoring:** Measurements will be taken at 22 points, including areas near residential buildings, mosques, schools and hospitals, which are sensitive recipients, and at 23 points near production facilities.

296. **Frequency:** Baseline monitoring (before the commencement of construction work). During construction, measurements will be taken quarterly in the work zones, as well as unscheduled at the request of the population or authorities.

297. **Environmental monitoring:** Conducted by the Engineer's environmental specialist every week (visual inspection) and by the Engineer's international environmental specialist quarterly, using an Environmental Checklist.

5.1.5 Sub-plans of the SSEMP.

298. The SSEMP for the Issyk-Kul Ring Road Improvement Project is supplemented by 13 sub-plans, which aim to mitigate specific environmental and social impacts in more detail.

5.2 Strengthening of the SSEMP in the reporting period.

299. The contractor implemented the following measures to develop an environmental and social management system:

300. Organizational structure: In July 2025, the main document, the SSEMP, which establishes procedures for minimizing negative environmental impacts, was approved by the PIU of the Ministry of Transport and Communications. Qualified personnel were hired for its implementation, and the daily presence of environmental and safety officers at the sites was ensured.

301. Training and education: Based on field visits, two specialized training sessions were conducted for employees and subcontractors. Daily thematic briefings (toolbox talks) were also organized.

302. Supplementation of the SSEMP sub-plans: The contractor developed and coordinated with the Main Directorate for Road Traffic Safety of the Ministry of Internal Affairs of the Kyrgyz Republic a Road Safety Plan, which became an important supplement to the SSEMP.

303. Instrumental monitoring: A baseline measurement system was launched. In October-November 2025, air, water, noise, and vibration studies were conducted to establish baseline environmental values.

304. Medical Support and Prevention: As of December 2025, a positive trend was observed: all camps had first-aid kits, and two had medical offices.

305. Visual Awareness and Information: Emergency response posters are posted in the camps, indicating locations where first aid can be obtained and providing unified emergency service numbers (fire, police, ambulance).

306. Identified Illegibility Issues with the SSEMP:

307. During the reporting period, 18 nonconformities were recorded, of which 13 remained open as of December 2025 (see Table 12).

6 GOOD PRACTICE AND OPPORTUNITY FOR IMPROVEMENT.

6.1 Good practice.

308. To ensure the ongoing effectiveness of environmental safeguards, the SSEMP is maintained as a living document and shall be formally updated at least once a year. In addition to the annual review, the following clear triggers will mandate an immediate revision of the SSEMP and its relevant sub-plans:

• Design Changes: Any modifications to the project design that impact the construction footprint or environmental risks.

• Method Changes: Any changes to the agreed construction methods or technologies (e.g., changes in excavation techniques or material processing).

• Incidents: Occurrence of any major environmental or health and safety incident requiring a change in mitigation strategy.

• Repeated Non-compliance: Instances of recurring violations (e.g., persistent waste burning or failure to mark quarry boundaries) that indicate the current management measures are insufficient.

• New Requirements: Introduction of new environmental sub-plans, such as the recently added Traffic Safety Plan or the ongoing development of the Vibration Management Plan.

309. .The main directions for improving the environmental management system of the Project are outlined below.

310. Clear structure and division of responsibilities:

- Appointment of dedicated personnel (environmental and social specialists) at project sites;

- Regular monitoring and reporting on environmental and social aspects.

311. Staff training and public awareness:

- Regular training sessions for staff on environmental protection, occupational safety, and traffic rules;

- Public awareness campaigns about project impacts and available grievance mechanisms for the local population.

312. Preventive control measures:

- Development and implementation of SSEMP sub-plans;

- Conducting environmental inspections and corrective actions in case of identified non-conformities.

313. Stakeholder engagement:

- Public consultations with local communities, ensuring open communication and addressing social concerns;

- Collaboration with government bodies, such as local forestry departments, for monitoring compensatory planting efforts.

6.2 Opportunities for Improvement.

314. The Contractor is responsible for ensuring compliance with environmental standards, occupational health, and workplace safety, and it is in their interest to continually improve their environmental and social system. Key areas for improvement are listed below.

315. Strengthening monitoring and reporting:

- Digital Tools: The Contractor shall implement digital tools to automate the monitoring of environmental and social indicators, with data accessibility provided to the CSC and PIU for real-time tracking.
- Registers: The Contractor is responsible for maintaining and regularly updating online registers for grievances, incidents, and inspection results. The CSC shall verify these registers on a monthly basis to ensure accuracy, while the PIU performs overall oversight of the registration process.
- Checklists and CAPs: The CSC (International Environmental Specialist) will conduct quarterly inspections using environmental checklists and prepare Corrective Action Plans (CAPs) based on the findings. The Contractor is responsible for the timely implementation of these CAPs, while the PIU provides overall supervision of the corrective process.

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316. Optimizing the training program:

- Expanding the content of training sessions to address identified deficiencies;
- Engaging external specialists to conduct training events.

317. Enhancing community engagement:

- Regular surveys and consultations with local communities to identify and resolve potential issues;
- Expanding programs to support local initiatives, such as access to clean water or road improvements.

318. Improving the effectiveness of compensatory measures:

- Selecting suitable tree species resilient to future climatic conditions (changes in ombroregime and continentality) to ensure high survival rates and long-term ecosystem stability;
- Developing long-term care plans for compensatory trees considering climatic and local characteristics, involving specialized experts;
- Involvement of specialists for diagnostics and prevention of tree diseases on an ongoing basis during the defect liability period.

319. These measures will help strengthen the system’s resilience and efficiency, minimize environmental impact, and improve social engagement with the local population.

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7 SUMMARY AND RECOMMENDATIONS

7.1 Summary

320. This Conclusions section presents a summary of the key achievements, challenges, and current status of environmental and social management of the Project during the reporting period (October - December 2025), based on the results of monitoring and inspections.

321. During the reporting period (October–December 2025), the "Issyk-Kul Ring Road Improvement Project (Barskoon–Karakol Section)" was in the organisational development and preparation phase for the main construction and installation works. The Contractor's primary efforts were focused on establishing construction camps and production sites, obtaining permits, developing quarries, and performing initial construction and excavation work. Environmental support for the project was provided as part of the gradual development of an environmental, health, and safety management system.

7.1.1 Institutional Development and Compliance with ADB Policy

322. The Project, categorized as Category A due to its location within the Issyk-Kul Biosphere Reserve, its proximity to the Ala-Too core zone, and the presence of 14 historical and cultural heritage sites (HCHS) within 50 meters of the road, is in the early stages of mobilization and preparatory work.

323. During the reporting period, the Contractor established a basic organisational structure for environmental, occupational health, and safety management and ensured the presence of specialised specialists on both lots. A Site-Specific Environmental Management Plan (SSEMP) was developed and approved, in compliance with ADB's SPS and national legislation.

324. At the same time, it was revealed that the implementation of the SSEMP provisions and the systematic application of environmental and social management procedures are in the early stages. The Contractor's environmental reporting was fragmented and did not always fully reflect the status of mitigation measures, corrective actions, and monitoring. This indicates the need to further strengthen management and reporting mechanisms in accordance with ADB requirements..

7.1.2 Work Execution and Permitting Documentation

325. During the reporting period, active preparatory and construction work were conducted:

326. Baseline instrumental monitoring (air, water, noise, vibration) was conducted, with results serving as a benchmark for monitoring the impact of future construction work.

327. The removal of 5,386 trees (2,646 on Lot 1 and 2,740 on Lot 2) was fully completed in October 2025 in accordance with official requirements.

- (i) Permits: Work was based on Tree Inspection Acts compiled by a joint commission (IKRO MNRETS KR, Consultant, and Contractor) in June - July 2025 with final felling confirmation acts dated September 10, 2025.
- (ii) Supervision: Before felling, each tree was individually counted and marked, and the commission verified the absence of nests of Red List bird species. Ongoing

records are maintained in the Contractor's Tree Felling Logs and the Wildlife Observation and Mortality Register as required by the BMP.

- (iii) Compensation: In line with Section 5.1.3 of the SSEMP, all felled trees must be replaced at a ratio of 1:2, requiring the planting of 10,772 new saplings. The Contractor is currently coordinating with local forestry departments to select resilient species and develop long-term care plans, with planting scheduled to commence during the vegetation restoration phase.

328. Permits for the use of 18 quarries and 30 waste disposal sites were obtained.

329. The development of five camps and two production sites (ACP, CSP, CBP) continued.

330. Permitting documentation: despite progress, the Contractor still lacks an Environmental Passport, plant emission permits, and approved construction projects for the ACP/CSP.

7.1.3 Key Issues and Non-Conformities

331. Despite positive progress, 18 non-conformities were recorded, of which 13 remain open at the end of the reporting period (a closure rate of 28%).

332. During the reporting period, the problems and non-conformities identified were primarily systemic and organisational, related to the project deployment phase, the concurrent execution of preparatory and construction work, and incomplete completion of permitting and approval procedures.

333. The most critical issues include:

334. Permitting documentation and approvals. The most significant non-conformities relate to the absence or incompleteness of certain mandatory permitting documents. Specifically, as of the reporting date, the Environmental Passport and permits for air pollutant emissions for production sites (ACP, CSP) had not been issued, nor had the design documentation for these facilities been approved by the IKRO MNRETS KR. These issues are being resolved; however, the delays pose a risk of non-compliance with national legislation and the ADB Safeguards Policy during the transition to the active construction phase.

335. Historical and cultural heritage sites (HCHS). Significant gaps in compliance with procedures for protecting historical and cultural heritage sites were identified. During the reporting period, mandatory archaeological surveys within a 50-meter zone of the project road were not completed, and official archaeological reports are missing for several sites designated for quarries, production sites, and auxiliary facilities. Furthermore, written permission from the authorised body (the Ministry of Culture and Tourism of the Kyrgyz Republic) was not obtained prior to the commencement of work, resulting in the suspension of certain activities and increased organisational risks.

336. Initial Inspection of Residential Buildings: An initial inspection of residential buildings located on the first line of the road for cracks and damage was not conducted.

337. Occupational Health and Safety (OHS): Hazardous conditions were identified in the Lot 2 laboratory. Specifically, three open household water heaters connected directly to the power grid are used in the concrete block testing tanks, creating a fatal risk of electric shock. The premises are not equipped with ventilation, and personnel are not provided with ear protection against the noise of the rock crushers.

338. Personnel Qualifications: The Contractor's Safety specialists do not have work permits and are forced to combine their duties with road safety. Cooks work without health certificates.

339. Road Traffic Safety

- Warning signs: Warning signs on Lot 2 are installed below the required 1.5 meters and are covered with a layer of dirt, making them invisible.
- Risks on Detours: The detour roads are lower than the main road, leading to the accumulation of puddles and creating a risk of ice and accidents during the winter.

340. Environmental Management and Reporting. The Contractor's environmental reporting during the reporting period was not always systematic and did not fully reflect the status of the implementation of the SSEMP measures, identified non-conformities, and the corrective actions taken. In some cases, information was provided with a delay, which hindered the Consultant's prompt monitoring and analysis of compliance with environmental requirements.

341. Waste Management. At some construction sites and camps, non-compliance with temporary waste storage requirements has been recorded, including the absence of protective coverings, late removal of solid municipal waste, and inadequate labelling of storage areas. Although waste removal contracts have generally been signed, the practical implementation of the waste management system requires further strengthening and regular monitoring.

342. Quarries and Waste Dumps: The boundaries of most of the waste dumps and quarries on Lot 2 are not marked on the ground in accordance with the license coordinates.

343. Organisational and Operational Constraints. Project implementation during the reporting period was also complicated by adverse weather conditions in December 2025 (heavy snowfalls and persistently low temperatures), which led to the temporary suspension of quarry development and limited excavation work. As a result, some planned activities were postponed, and the focus of work shifted to clearing the road of snow and maintaining traffic. These factors do not constitute non-compliance as such, but they do impact the project schedule and require consideration in further planning.

344. Overall, the identified issues and non-compliances did not result in irreversible environmental impacts; however, if timely corrective actions are not taken, they could create the preconditions for the accumulation of environmental and regulatory risks in subsequent stages of the project.

7.2 Recommendations

345. To further enhance the effectiveness of the environmental and social management of the Project and address the identified non-compliances, the Contractor is advised to prioritize the following actions:

7.2.1 Critical Outstanding Procedures (Before the Start of Main Works)

346. It is imperative to promptly complete the following activities, which are mandatory conditions for the start of main construction:

347. Archaeological Surveys (HCHS): Mandatory archaeological surveys within a 50-meter zone of 14 Historical and Cultural Heritage Sites (HCHS), as determined by the Ministry of Culture, must be expedited. The Contractor is required to engage a qualified archaeological team, obtain an open sheet permit from the Ministry of Culture to conduct excavations, and provide the Engineer with excavation reports and Open Sheet permit before commencing construction on the affected areas.

348. Initial Inspection of Residential Buildings: A committee (including local authorities, the Contractor, and the Consultant) must be established, and an initial inspection of residential buildings located near the road must be conducted to identify cracks and damage. This measure is preventative to prevent further complaints about damage from construction vibration.

349. Complete the process of obtaining an environmental passport in accordance with the established procedure before the commencement of operation of production sites.

350. Obtain permits for pollutant emissions into the atmosphere for all production sites (ACP, CSP) before their commissioning.

351. Ensure the approval of design documentation for the construction and operation of production sites (ACP, CSP) with the IKRO MNRETS KR.

7.2.2 Internal Documentation

352. Create and maintain an up-to-date centralised register of permitting documentation, indicating its status, expiration dates, and responsible persons.

353. Ensure timely updating and maintenance of environmental monitoring logs (waste accounting, dust suppression, fuel spills, tree felling).

354. Strengthen the Contractor's internal environmental reporting system by regularly recording:

- identified nonconformities;
- corrective and preventive measures;
- the status of their implementation.

355. Ensure systematic communication between the Contractor, Consultant, and the PIU on environmental support and permitting issues.

7.2.3 Enhancing Social Accountability and Grievance Management

356. The Contractor shall install clearly labelled and accessible Grievance Redress Mechanism (GRM) and Worker GRM boxes at all construction camps, production sites, and active work areas to provide a transparent channel for both local communities and project personnel to submit appeals.

357. A specialized training module on the operation of the GRM and the functions of the Grievance Redress Group (GRG) will be conducted in Q2 2026 for the Contractor’s management and all subcontractors to ensure they understand the formal procedures for recording and resolving grievances.

358. The Contractor must maintain a consolidated Grievance Register (including worker-specific grievances), which will be verified monthly by the CSC and overseen by the PIU to ensure all issues are addressed within the timeframe required by ADB.

7.2.4 Infrastructure Improvement and Waste Management

359. Bring temporary waste storage sites into compliance with the requirements of the SSEMP and national regulations, including:

- installation of protective covering;
- clear zoning and marking;
- prevention of secondary contamination of soil and surface water.

360. Ensure regular and documented removal of solid municipal and industrial waste by specialised organisations.

361. Strengthen controls over the handling of waste containing petroleum products and other hazardous components, including their temporary storage and disposal.

362. Continue dust suppression and emission control measures on access and service roads, taking weather conditions into account.

363. Boundary Marking: Clearly mark the boundaries of all quarries and waste dumps on Lot 2 in accordance with the license coordinates.

364. Soil protection: Provide hard-surface parking for equipment at all camps (especially at km 199+460) to prevent soil contamination from fuel and lubricants. Ensure absorbent materials are available in all vehicle parking areas.

7.2.5 Occupational health and safety, industrial and road safety

365. Laboratory Safety: Install automatic thermostats and provide laboratories with supply and exhaust ventilation.

366. Personal Protective Equipment (PPE): Provide personnel with seasonally appropriate PPE, and laboratory and CSP`s workers with special earmuffs to protect against noise.

367. Medical Control: Require all cooks to obtain health certificates, and consultants and specialists to undergo mandatory medical examinations at local healthcare organisations.

368. Personnel Qualifications: Ensure that occupational safety and health specialists complete short-term courses to obtain work permits.

369. Road Traffic Safety: Ensure road signs on Lot 2 are up to standard (at least 1.5 m high and clear of dirt). Raise bypass roads to the level of the main road to prevent icing and water accumulation.

7.2.6 Risk Management and Long-Term Improvements

370. Continue and expand the training program for Contractor and subcontractor personnel on:

- environmental protection;
- occupational health and safety;
- waste management;
- emergency response.

371. Consider seasonal and climatic constraints when planning work, including developing adaptive schedules and contingency measures.

372. Ensure systematic accumulation and analysis of environmental monitoring data for the timely identification of trends and potential risks.

373. Consider identified nonconformities as a tool for continuous improvement of the environmental management system and enhancing the project's compliance with international requirements.

Appendix 1 Official inspection letters

Date: 16/09/2025, Bishkek **Ref.:** KYR003_CRBC_59_SM

To:	**Mr. Tuo Ailong,** **Project Manager** **China Road and Bridge Corporation** 155B/v, Manas str, Bishkek 720014, Kyrgyzstan.	**Кому:**	**Г-ну То Айлуну** **Руководитель проекта** **China Road and Bridge Corporation** 720014, Кыргызстан, г. Бишкек, ул. Манаса, 155Б/в.
Project:	Issyk-Kul Ring Road Improvement Project (Barskoon-Karakol section, 75,2km), financed by ADB Grant No.: G0965-KGZ	**Проект:**	Проект «Улучшение Иссык-Кульской кольцевой автодороги, (участок Барскоон-Каракол, 75,2 км», финансируемый АБР Грант №: G0965-KGZ
Contract:	IRRIP/OCB/CW/01: Reconstruction of 75.2 km to 4-lanes of Barskoon-Karakol Road Section (km 141.6-220) Section 3 of the Issyk-Kul Ring Road	**Контракт:**	IRRIP/OCB/CW/01: Реконструкция участка дороги Барскоон-Каракол протяжённостью 75,2 км до четырёх полос (км 141,6–220) 3-участок Иссык-Кульской кольцевой автодороги
Subject:	Mandatory Baseline Instrumental Environmental Monitoring Requirements	**Тема:**	Обязательный Базовый Инструментальный Мониторинг Состояния Окружающей Среды

Dear Mr. Tuo Ailong,

This letter serves as a formal notification regarding the **mandatory baseline instrumental environmental monitoring requirements** to be conducted prior to the commencement of construction works. These requirements are defined under the **Asian Development Bank's Safeguard Policy Statement (2009)** and **Environmental and Social Framework (2024)** and further detailed in the approved **Site Specific Environmental Management Plan (SSEMP)** of the Project.

1 REGULATORY REQUIREMENTS

Baseline instrumental monitoring is a prerequisite for establishing reference values of key environmental parameters (air quality, water quality, noise and vibration levels) before the start of construction. In accordance with:

- Requirements of Appendix 1, ADB Safeguard Policy Statement (2009)
- Requirements of Section G, ESS1, ADB's Environmental and Social Framework (2024)
- National environmental regulations and the requirements of Table 125, Section D of the EIA
- SSEMP Regulation 6 "Instrumental Environmental Monitoring Plan"

Уважаемый г-н То Айлун,

Настоящее письмо служит официальным уведомлением о необходимости проведения **обязательного базового инструментального мониторинга состояния окружающей среды** до начала проведения строительных работ. Данные требования определены в **Положении о Политике по Защитным мерам Азиатского Банка Развития (2009 г.) и в Экологической и Социальной Рамочной Структуре АБР (2024)** и подробно изложены в утверждённом **Плане управления окружающей средой для конкретного участка (SSEMP)** проекта.

1 ТРЕБОВАНИЯ РЕГУЛИРУЮЩИХ ДОКУМЕНТОВ

Базовый инструментальный мониторинг является обязательным условием для установления исходных значений ключевых экологических параметров (качество воздуха, воды, уровней шума и вибрацией) до начала строительных работ. В соответствии с:

- Требованиями Приложения 1 Положения о Политике по Защитным мерам Азиатского Банка Развития (2009 г.)
- Требованиями раздела G, ESS1, Экологической и Социальной Рамочной Структуры АБР (2024)
- Национальными экологическими нормами и требованиями Таблицы 125, раздела D ОВОС
- Положение 6 СПУОС «План инструментального мониторинга окружающей среды»

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- Requirements of clause 701.3 of the Technical Specifications.

The Contractor is obliged to carry out comprehensive baseline instrumental environmental monitoring and submit the results to the Engineer and relevant authorities for review and approval prior to initiating any construction activities.

2 SCOPE OF BASELINE MONITORING

The monitoring program must include, at minimum:

- **Air Quality:** Dust and pollutants (NOx, SO_2, CO, PM10, PM2.5)
- **Water Quality:** Surface water sampling (water transparency, pH, BOD, TSS, oil products)
- **Noise and Vibration:** equivalent and maximum noise levels and vibration levels near sensitive objects (settlements, schools, hospitals)

3 CONTRACTOR OBLIGATIONS

The Contractor must:

1. Engage a certified environmental laboratory for sampling and analysis.
2. Within 14 days from the date of receipt of the notification, carry out instrumental monitoring in accordance with Regulation 6 of the SSEMP "Instrumental Environmental Monitoring Plan".
3. Conduct and complete monitoring prior to commencement of earthworks, quarrying, or other construction activities.
4. Provide monitoring results in both English and Russian for inclusion **in the first Quarterly Environmental Monitoring Report**.

4 EIA and SSEMP COMPLIANCE REQUIREMENTS

The EIA and SSEMP strictly prohibit the commencement of construction work on a **Category A** project without conducting basic instrumental environmental monitoring. This data will be used as a reference for all subsequent environmental monitoring during construction and operation phases, ensuring accountability and compliance with ADB safeguard requirements.

5 CONSEQUENCES OF NON-COMPLIANCE

Failure to conduct baseline instrumental environmental monitoring by the Contractor prior to commencement of construction activities shall constitute a material breach of the SSEMP requirements for the specific project site, which is unacceptable for Category A projects under ADB's Safeguards Policy Statement and may result in:

- Immediate suspension of construction works
- Contractual penalties and additional oversight costs
- Project delays and financial implications

- Требованиями пункта 701.3 Технической спецификации.

Подрядчик обязан провести комплексный базовый инструментальный мониторинг состояния окружающей среды и предоставить результаты Инженеру для рассмотрения и утверждения до начала строительных работ.

2 ОБЪЁМ БАЗОВОГО МОНИТОРИНГА

Программа мониторинга включает следующее:

- **Качество воздуха:** пыль и загрязнители (NOx, SO_2, CO, PM10, PM2.5)
- **Качество воды:** поверхностные воды (прозрачность, pH, БПК, взвешенные вещества, нефтепродукты)
- **Шум и вибрация:** эквивалентные и максимальные уровни шума и уровни вибрации вблизи чувствительных объектов (жилые зоны, школы, больницы)

3 ОБЯЗАННОСТИ ПОДРЯДЧИКА

Подрядчик обязан:

1. Привлечь аккредитованную экологическую лабораторию для отбора проб и анализа.
2. В течение 14 дней с момента получения уведомления провести инструментальный мониторинг в соответствии Положения 6 SSEMP «План инструментального мониторинга окружающей среды».
3. Провести и завершить мониторинг до начала земляных работ, эксплуатации карьеров или других строительных мероприятий.
4. Предоставить результаты мониторинга на английском и русском языках для включения в **первый Квартальный Отчет по Экологическому Мониторингу**.

4 ТРЕБОВАНИЯ ПО СОБЛЮДЕНИЮ ОВОС и СПУОС

ОВОС и СПУОС строго запрещают начало строительных работ по проекту **категории «А»** без проведения базового инструментального экологического мониторинга. Полученные данные будут служить исходной точкой для всех последующих измерений в период строительства и эксплуатации, обеспечивая прозрачность и соответствие требованиям АБР.

5 ПОСЛЕДСТВИЯ НЕСОБЛЮДЕНИЯ

Отсутствие базового инструментального мониторинга со стороны Подрядчика до начала строительных работ квалифицируется как существенное нарушение требований СПУОС для конкретного участка проекта, что недопустимо для проектов **категории «А»** в соответствии с Политикой по защитным мерам АБР и может повлечь за собой:

- Немедленное приостановление строительных работ
- Контрактные штрафы и дополнительные расходы на контроль

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- Non-compliance with ADB safeguard policies

We expect immediate action to ensure full compliance with these mandatory requirements.

- Задержки реализации проекта и финансовые последствия
- Несоответствие политике АБР по экологическим и социальным гарантиям

Мы ожидаем незамедлительных действий для полного выполнения обязательных требований.

Best Regards,

Selcuk Mutlu
Team Leader/Chief Resident Engineer
IRD Engineering S.r.l.

С уважением,

Сельчук Мутлу
Руководитель группы / Главный постоянный Инженер
IRD Engineering S.r.l.

Received by / Получил (а)_____ _____/ _____/ 2025 г.
Signature / Подпись *Date / Дата*

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Italian Association of engineering, architecture and technical economic consulting firms

Date: 18/11/2025, Bishkek

Ref.: KYR003_CRBC_125_SM

To:	**Mr. Tuo Ailong,** **Project Manager** **China Road and Bridge Corporation** 155B/v, Manas str, Bishkek 720014, Kyrgyzstan.	**Кому:**	**Г-ну То Айлуну** **Руководитель проекта** **China Road and Bridge Corporation** 720014, Кыргызстан, г. Бишкек, ул. Манаса, 155Б/в.
Project:	Issyk-Kul Ring Road Improvement Project (Barskoon-Karakol section, 75,2km), financed by ADB Grant No.: G0965-KGZ	**Проект:**	Проект «Улучшение Иссык-Кульской кольцевой автодороги, (участок Барскоон-Каракол, 75,2 км», финансируемый АБР Грант №: G0965-KGZ
Contract:	IRRIP/OCB/CW/01: Reconstruction of 75.2 km to 4-lanes of Barskoon-Karakol Road Section (km 141.6-220) Section 3 of the Issyk-Kul Ring Road	**Контракт:**	IRRIP/OCB/CW/01: Реконструкция участка дороги Барскоон-Каракол протяжённостью 75,2 км до четырёх полос (км 141,6–220) 3-участок Иссык-Кульской кольцевой автодороги
Subject:	Primary Notice on Health, Safety, Camp and Laboratory Non-Compliance	**Тема:**	Первичное Уведомление о Несоответствии Требованиям по Охране Труда, Технике Безопасности, Условиям Лагеря и Работе Лаборатории

Dear Mr. Tuo Ailong,

Please be informed that during site inspections conducted on 2-7 November 2025 by Health and Safety Specialist, multiple non-compliances were identified to health and safety arrangements, camp conditions, laboratory practices and medical screening procedures across Section 1 and Section 2. These findings indicate deviations from the Project requirements and from the Contractor's obligations to ensure safe working conditions and proper site management. The detailed observations and recommended actions are provided in the attached inspection report.

This letter serves as a primary notice requiring Contractor to promptly review the identified non-compliances, implement the necessary corrective measures, and prevent recurrence. You are requested to provide an update on the corrective actions initiated or scheduled, enabling the Engineer to carry out subsequent verification in accordance with Project requirements within seven (7) days.

Timely and effective action on these matters is required to maintain compliance with the Contractor's obligations and to ensure safe and orderly execution of the Works.

Уважаемый г-н То Айлун,

Просим принять к сведению, что в ходе инспекционных проверок на объекте, проведённых специалистом по охране труда и технике безопасности в период с 2 по 7 ноября 2025 года, были выявлены многочисленные несоответствия требованиям по охране труда и технике безопасности, условиям размещения лагерей, лабораторным практикам и процедурам медицинского осмотра на Участке 1 и Участке 2. Выявленные нарушения свидетельствуют об отклонениях от требований Проекта и от обязательств Подрядчика по обеспечению безопасных условий труда и надлежащей организации строительной площадки. Подробные замечания и рекомендуемые меры приведены в прилагаемом отчёте по инспекции.

Настоящее письмо является первичным уведомлением, требующим от Подрядчика незамедлительно рассмотреть выявленные несоответствия, принять необходимые корректирующие меры и предотвратить их повторение. Вам необходимо предоставить информацию о корректирующих действиях, которые уже инициированы или запланированы, чтобы Инженер смог выполнить последующую проверку в соответствии с требованиями Проекта в течение семи (7) дней.

Своевременное и эффективное устранение указанных вопросов требуется для соблюдения обязательств

Подрядчика и обеспечения безопасного и организованного выполнения Работ.

Best Regards,

С уважением,

Selcuk Mutlu
Team Leader/Chief Resident Engineer
IRD Engineering S.r.l.

Сельчук Мутлу
Руководитель группы / Главный постоянный Инженер
IRD Engineering S.r.l.

Attachments: *Att.1 - IRRIP-3: Health; Camp; Safety Inspection Report (2–7 November 2025)*

Приложения: *Приложение 1 – IRRIP-3: Охрана Труда; Условия Лагеря; Отчёт о Контроле Требований Техники Безопасности*

Received by / Получил (а)_____ _____/ _____/ 2025 г.
Signature / Подпись *Date / Дата*

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Appendix 2 Contractor's Work Program

中国路桥工程有限责任公司吉尔吉斯斯坦办事处
CHINA ROAD & BRIDGE CORPORATION KYRGYZSTAN OFFICE

CRBCKG/B-K/Engineer/2025/062 **October 1, 2025** **To: IRD ENGINEERING S.R.L.** **Attn: Mr. Selcuk Mutlu, Team Leader** **CC: ADB PIU MOTC KR** **Mr. S. Ibraimov – Head** **Project: Reconstruction of 75.2 km to 4 lanes of the Barskoon-Karakol Road section of the Issyk Kul Ring Road** **Subject: Program of Work.** Dear Sir, With reference to your various letters please find attached the program of work and the teams responsible for its execution. This program is for your review and approval, in areas with resettlement and other issues work will not be started until they are cleared. Thank you for your kind co-operation. **Sincerely yours,** **Tuo Ailong** **Project Manager**	**CRBCKG/B-K/Инженер/2025/062** **26-сентября 2025 года** **Руководителю группы IRD ENGINEERING S.R.L.** **г-ну Сельчук Мутлу** **Руководителю ГРП Министерства транспорта и коммуникаций КР** **г-ну Ибраимову С.** **Проект: Реконструкция 75,2 км до 4-х полос участка дороги Барскоон-Каракол кольцевой автодороги Иссык-Куль** **Тема: Программа работы.** Уважаемый г-н, С учетом ваших многочисленных писем, настоящим прилагается программа работ и бригады, ответственные за ее выполнение. Данная программа для Вашего рассмотрения и одобрения, в местностях с переселением и другими вопросами работы не будут начаты до их разрешения. Благодарим Вас за сотрудничество. **С уважением,** **Менеджер проекта То Айлун**

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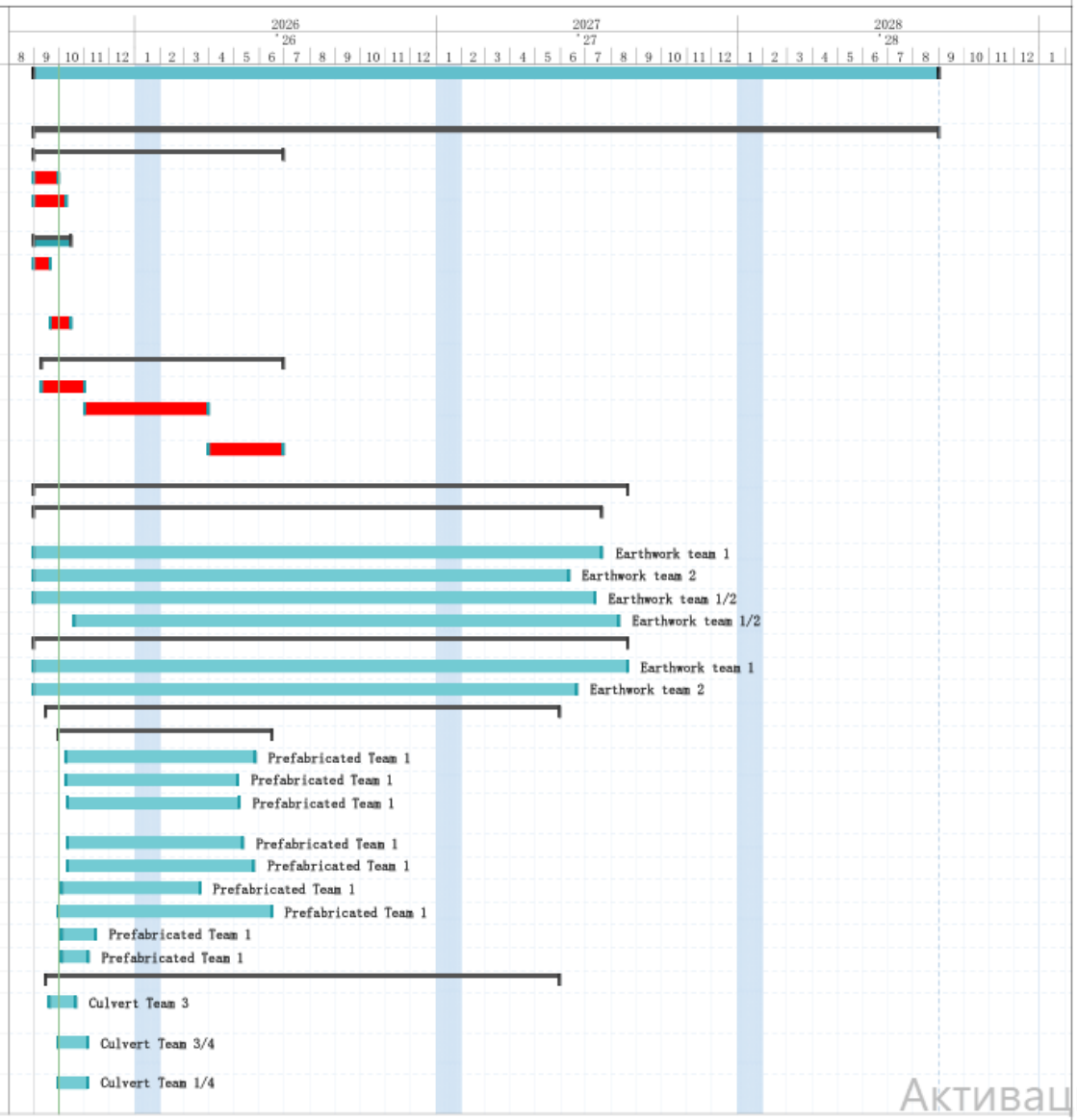
Reconstruction of 75.2 km to 4-lanes of Barskoon-KarakolRoad Section (km 141.6-220)Section 3 of the Issyk-Kul Ring Road

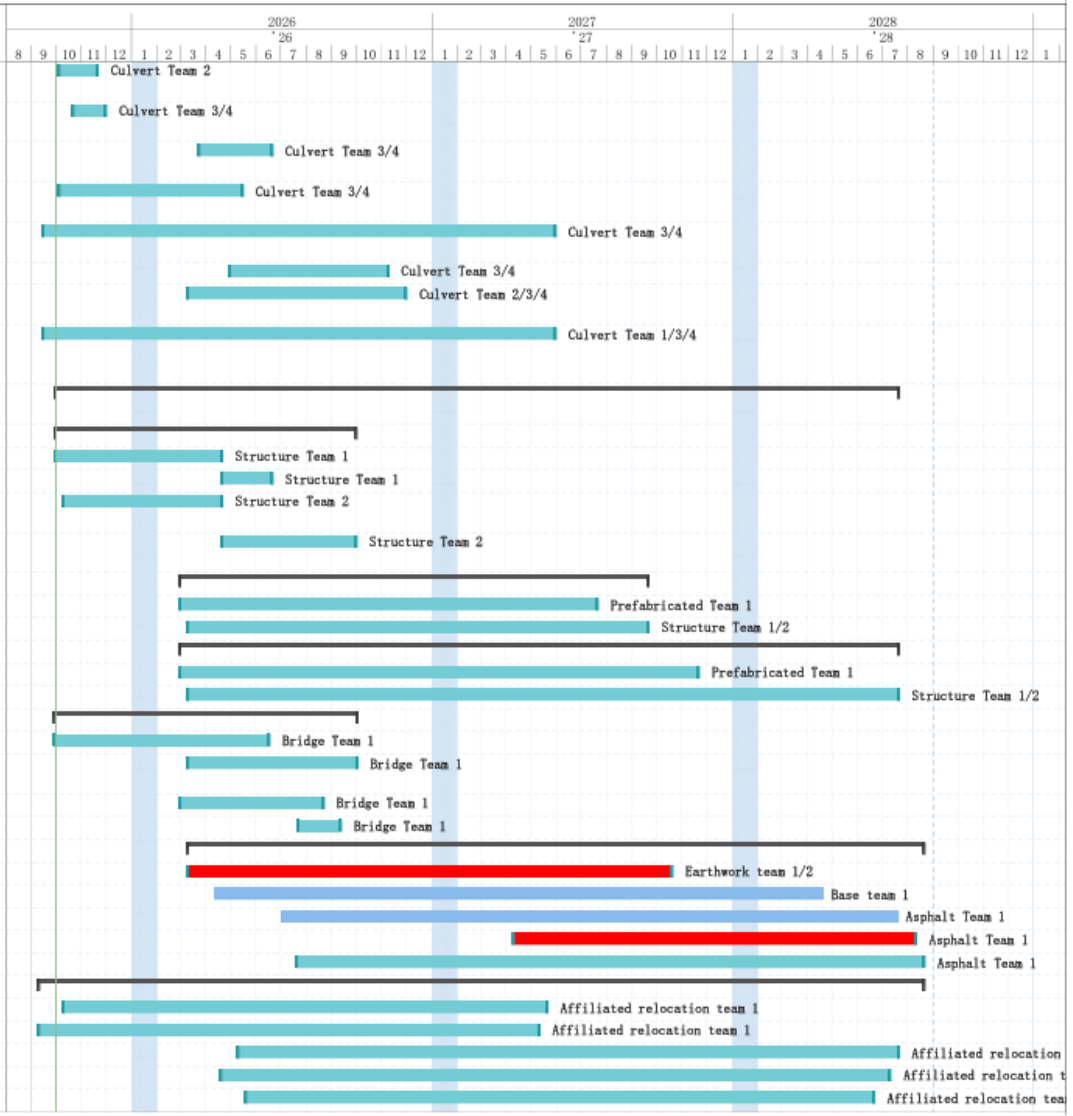
ID	Task name	Duration	Start	Finish
0	**Reconstruction of 75.2 km to 4-lanes of Barskoon-KarakolRoad Section (km 141.6-220)Section 3 of the Issyk-Kul Ring Road**	**938 d**	**'25 Sep 1**	**'28 Sep 1**
1	**1 Lot1 (K140+600-K182+860)**	**938 d**	**'25 Sep 1**	**'28 Sep 1**
2	**1.1 Pre-construction project**	**250 d**	**'25 Sep 1**	**'26 Jun 30**
3	1.1.1 Concrete mixing station construction	30 d	'25 Sep 1	'25 Sep 30
4	1.1.2 Laboratory construction (including certification and calibration of test instruments	40 d	'25 Sep 1	'25 Oct 10
5	1.1.3 Stone rolling yard construction	45 d	**'25 Sep 1**	**'25 Oct 15**
6	1.1.3.1 Construction of Zhashichang (temporary construction and equipment installation	20 d	'25 Sep 1	'25 Sep 20
7	1.1.3.2 Stone rolling yard production line debugging (including sand and gravel ratio	25 d	'25 Sep 21	'25 Oct 15
8	1.1.4 Asphalt mixing station construction	241 d	**'25 Sep 10**	**'26 Jun 30**
9	1.1.4.1 Asphalt storage pool construction	52 d	'25 Sep 10	'25 Oct 31
10	1.1.4.2 Asphalt mixing building production line construction	98 d	'25 Nov 1	'26 Mar 31
11	1.1.4.3 Asphalt mix ratio test and certificate application	91 d	'26 Apr 1	'26 Jun 30
12	**1.2 Roadbed engineering**	**613 d**	**'25 Sep 1**	**'27 Aug 20**
13	1.2.1 Clean the subgrade and excavate the discarded	582 d	**'25 Sep 1**	**'27 Jul 20**
14	1.2.1.1 K140-000-K165+000	582 d	'25 Sep 1	'27 Jul 20
15	1.2.1.2 K165+000-K182+860	542 d	'25 Sep 1	'27 Jun 10
16	1.2.2 Structure removal	574 d	**'25 Sep 1**	**'27 Jul 12**
17	1.2.3 Asphalt pavement milling	554 d	**'25 Oct 20**	**'27 Aug 10**
18	1.2.4 Roadbed fill (including working layer)	613 d	**'25 Sep 1**	**'27 Aug 20**
19	1.2.4.1 K140+600-K165+000	613 d	'25 Sep 1	'27 Aug 20
20	1.2.4.2 K165+000-K182+860	552 d	'25 Sep 1	'27 Jun 20
21	**1.3 Culves and passage engineering**	**517 d**	**'25 Sep 15**	**'27 May 30**
22	1.3.1 Culvert prefabricated	206 d	**'25 Sep 30**	**'26 Jun 15**
23	1.3.1.1 d1.0m round tube culvert prefabricat	176 d	'25 Oct 10	'26 May 26
24	1.3.1.2 d1.5m round tube culvert prefabricat	155 d	'25 Oct 10	'26 May 5
25	1.3.1.3 3*2.5 Underground pedestrian passage prefabricated	155 d	'25 Oct 12	'26 May 7
26	1.3.1.4 2*2 culvert prefabricated	159 d	'25 Oct 12	'26 May 11
27	1.3.1.5 4*2.5 box culvert prefabricated	173 d	'25 Oct 12	'26 May 25
28	1.3.1.6 0.5*0.5 culvert cover prefabricated	114 d	'25 Oct 5	'26 Mar 20
29	1.3.1.7 1*1 culvert cover prefabricated	206 d	'25 Sep 30	'26 Jun 15
30	1.3.1.8 4*3 culvert cover prefabricated	41 d	'25 Oct 5	'25 Nov 14
31	1.3.1.9 2*6*3 culvert cover prefabricated	32 d	'25 Oct 5	'25 Nov 5
32	1.3.2 Culvert cast-in-place and installation	517 d	**'25 Sep 15**	**'27 May 30**
33	1.3.2.1 K163+000-K165+000 main line and sidewalk	32 d	'25 Sep 20	'25 Oct 21
34	1.3.2.2 K165+000-K168+000 section main line and sidewalk	36 d	'25 Sep 30	'25 Nov 4
35	1.3.2.3 Main line and sidewalk of K175+000-K178+000 section	36 d	'25 Sep 30	'25 Nov 4



Winter shutdown period: from December 20 to February 10

Reconstruction of 75.2 km to 4-lanes of Barskoon-KarakolRoad Section (km 141.6-220)Section 3 of the Issyk-Kul Ring Road

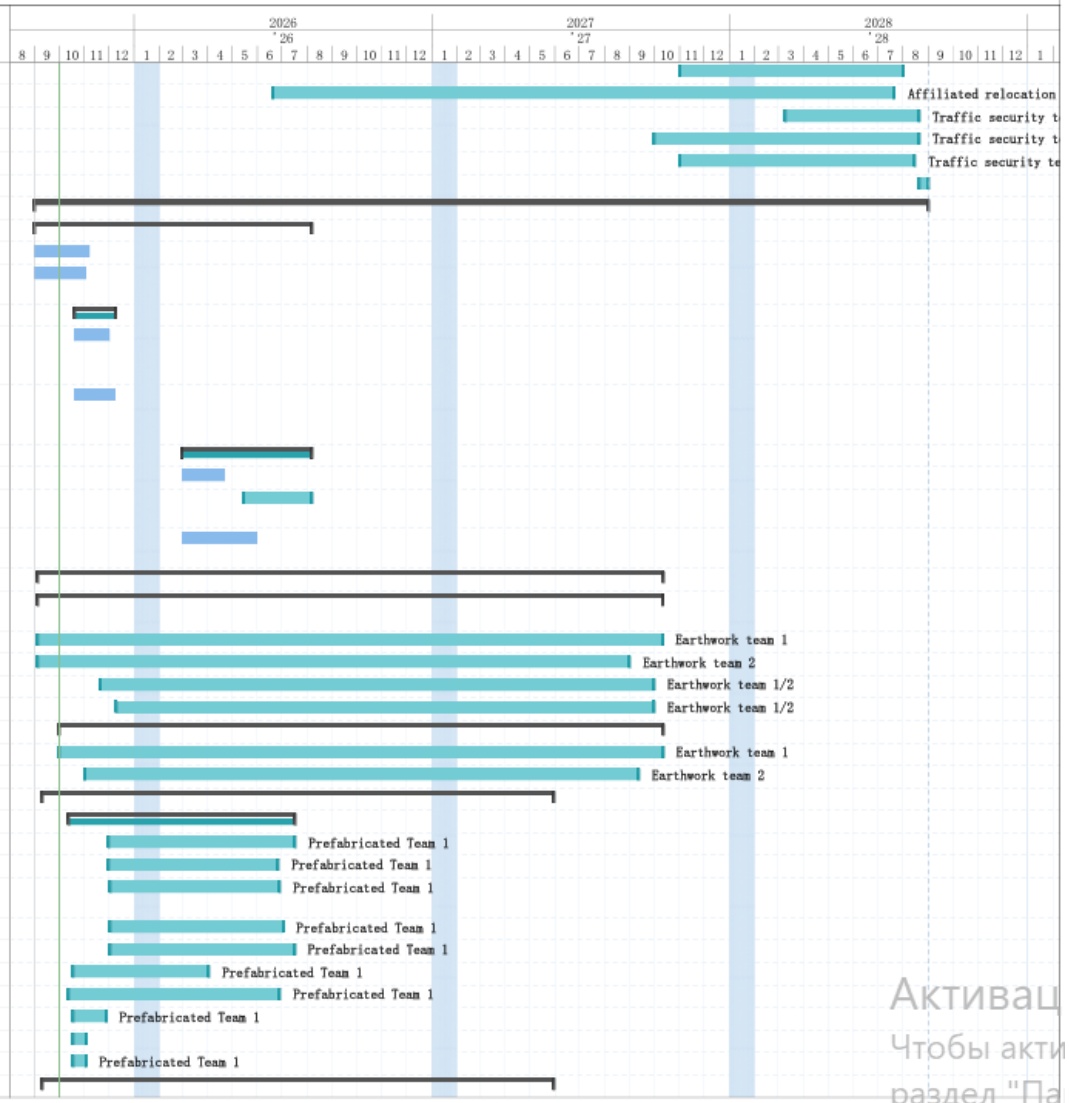
ID	Task name	Duration	Start	Finish
36	1.3.2.4 K143-K145 main line and sidewalk round pipe culvert	46 d	'25 Oct 5	'25 Nov 19
37	1.3.2.5 Main line and sidewalk of K155-K160 section	40 d	'25 Oct 22	'25 Nov 30
38	1.3.2.6 Main line and sidewalk of K168-K175 section	89 d	'26 Mar 24	'26 Jun 20
39	1.3.2.7 Main line and sidewalk of K150-K155 section	170 d	'25 Oct 5	'26 May 15
40	1.3.2.8 K160-K163 main line and sidewalk, K150-K165 level intersection	517 d	'25 Sep 15	'27 May 30
41	1.3.2.9 K165-K175 level intersection	193 d	'26 Apr 30	'26 Nov 8
42	1.3.2.10 K140-K143, K145-K150 main line and sidewalk, K140-K150 level intersection	266 d	'26 Mar 10	'26 Nov 30
43	1.3.2.11 The main line and sidewalk of K178-K182 section, K175-K182 level intersection	517 d	'25 Sep 15	'27 May 30
44	**1.4 Drainage prevention and retaining wall engineering**	**866 d**	**'25 Sep 30**	**'28 Jul 20**
45	1.4.1 Retaining wall project	313 d	**'25 Sep 30**	**'26 Sep 30**
46	1.4.1.1 K145+320-K145+720 Gabion retainir	150 d	'25 Sep 30	'26 Apr 20
47	1.4.1.2 K147+062-K147+306 stone retaining	61 d	'26 Apr 21	'26 Jun 20
48	1.4.1.3 K171+850-K172+010 Reinforced Concrete Retaining Wall	140 d	'25 Oct 10	'26 Apr 20
49	1.4.1.4 K179+284-654, K181+979-K182+138 stone retaining wall	163 d	'26 Apr 21	'26 Sep 30
50	1.4.2 Ditch	516 d	**'26 Mar 1**	**'27 Sep 20**
51	1.4.2.1 Ditch prefabricated	454 d	'26 Mar 1	'27 Jul 20
52	1.4.2.2 Ditch installation	507 d	'26 Mar 10	'27 Sep 20
53	1.4.3 Curb	767 d	**'26 Mar 1**	**'28 Jul 20**
54	1.4.3.1 Curb prefabricated	577 d	'26 Mar 1	'27 Nov 20
55	1.4.3.2 Curb installation	758 d	'26 Mar 10	'28 Jul 20
56	**1.5 Bridge and aqueduct engineering**	**315 d**	**'25 Sep 29**	**'26 Oct 1**
57	1.5.1 K145+136 Bridge	208 d	'25 Sep 29	'26 Jun 16
58	1.5.2 K149+326 aqueduct demolition and reconstruction	206 d	'26 Mar 10	'26 Oct 1
59	1.5.3 K181+961 Bridge	174 d	'26 Mar 1	'26 Aug 21
60	1.5.4 K178+957 bridge repair and reinforcemer	52 d	'26 Jul 22	'26 Sep 11
61	**1.6 Pavement engineering**	**789 d**	**'26 Mar 10**	**'28 Aug 20**
62	1.6.1 Sub-Base	536 d	'26 Mar 10	'27 Oct 19
63	1.6.2 Base	634 d	'26 Apr 12	'28 Apr 20
64	1.6.3 The floor below the pavement	644 d	'26 Jul 2	'28 Jul 20
65	1.6.4 Pavement upper layer	436 d	'27 Apr 10	'28 Aug 10
66	1.6.5 Shoulder	657 d	'26 Jul 20	'28 Aug 20
67	**1.7 Road ancillary project**	**917 d**	**'25 Sep 10**	**'28 Aug 20**
68	1.7.1 Electric power and water pipe removal	482 d	'25 Oct 10	'27 May 20
69	1.7.2 Overhead cables and water pipe installatic	502 d	'25 Sep 10	'27 May 10
70	1.7.3 Lighting line installation	697 d	'26 May 10	'28 Jul 20
71	1.7.4 Bus station and ancillary facilities	707 d	'26 Apr 20	'28 Jul 10
72	1.7.5 Parking area and ancillary facilities	657 d	'26 May 20	'28 Jun 20



Winter shutdown period: from December 20 to February 10

Reconstruction of 75.2 km to 4-lanes of Barskoon-KarakolRoad Section (km 141.6-220)Section 3 of the Issyk-Kul Ring Road

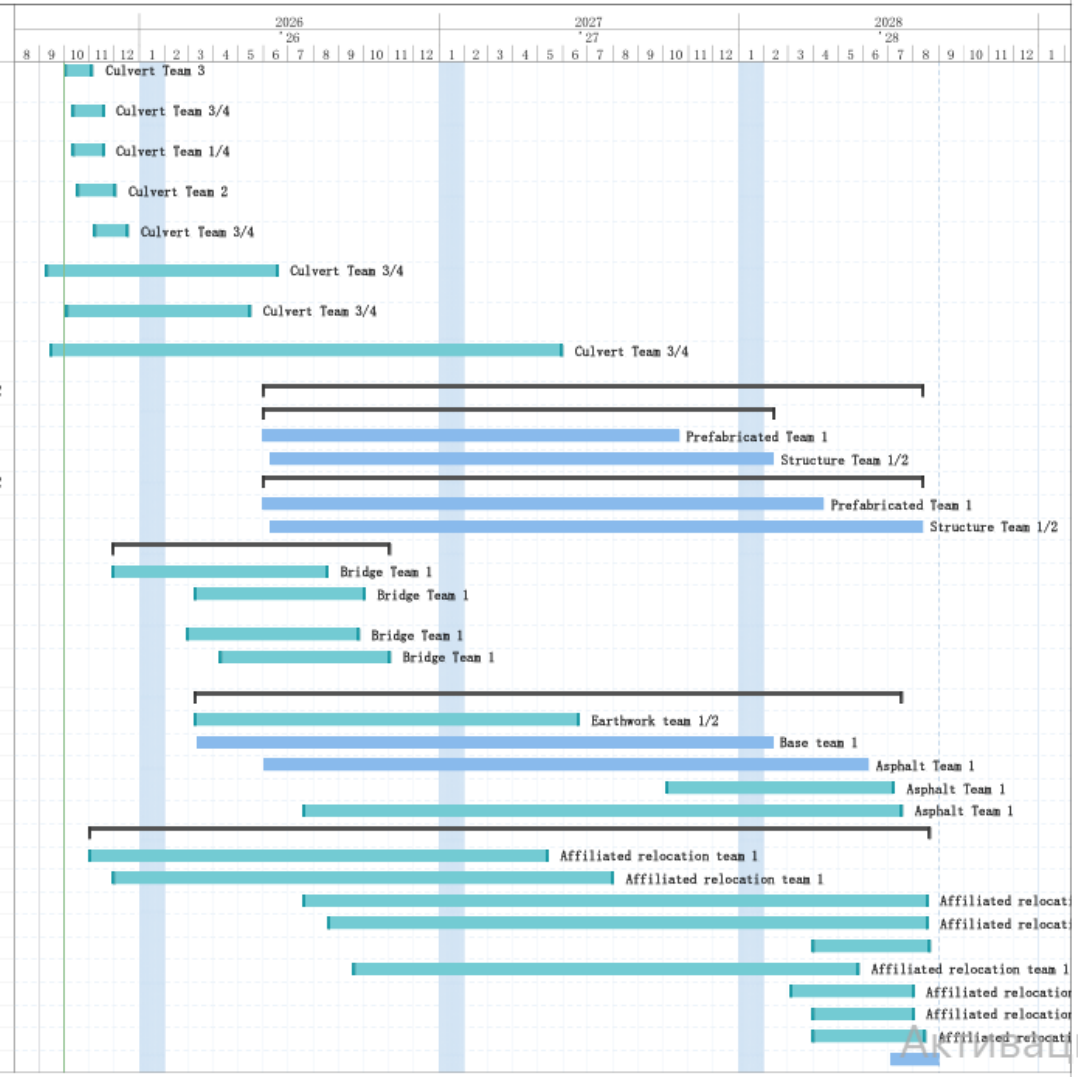
ID	Task name	Duration	Start	Finish
73	1.7.6 Lighting Engineering	221 d	'27 Nov 1	'28 Jul 31
74	1.7.7 Traffic signal facilities	656 d	'26 Jun 20	'28 Jul 20
75	1.7.8 Parapet	164 d	'28 Mar 10	'28 Aug 20
76	1.7.9 Road Marking	272 d	'27 Oct 1	'28 Aug 20
77	1.7.10 Traffic sign	236 d	'27 Nov 1	'28 Aug 15
78	**1.8 Final inspection report**	**12 d**	**'28 Aug 21**	**'28 Sep 1**
79	**2 Lot2 (K182+860-K215+827)**	**938 d**	**'25 Sep 1**	**'28 Sep 1**
80	**2.1 Pre-construction projec**	**287 d**	**'25 Sep 1**	**'26 Aug 6**
81	2.1.1 Concrete mixing station construction	67 d	'25 Sep 1	'25 Nov 6
82	2.1.2 Laboratory construction (including certification and calibration of test instruments	63 d	'25 Sep 1	'25 Nov 2
83	2.1.3 Stone rolling yard construction	50 d	'25 Oct 20	'25 Dec 8
84	2.1.3.1 Construction of Zhashichang (temporary construction and equipment installation	43 d	'25 Oct 20	'25 Dec 1
85	2.1.3.2 Stone rolling yard production line debugging (including sand and gravel ratio test	50 d	'25 Oct 20	'25 Dec 8
86	2.1.4 Asphalt mixing station construction	159 d	'26 Mar 1	'26 Aug 6
87	2.1.4.1 Asphalt storage pool construction	52 d	'26 Mar 1	'26 Apr 21
88	2.1.4.2 Asphalt mixing building production line construction	84 d	'26 May 15	'26 Aug 6
89	2.1.4.3 Asphalt mix ratio test and certificate application	91 d	'26 Mar 1	'26 May 30
90	**2.2 Roadbed engineering**	**661 d**	**'25 Sep 5**	**'27 Oct 11**
91	2.2.1 Clean the subgrade and excavate the discarded	660 d	'25 Sep 5	'27 Oct 10
92	2.2.1.1 K182+860-K199+000	660 d	'25 Sep 5	'27 Oct 10
93	2.2.1.2 K199+000-K215+827	620 d	'25 Sep 5	'27 Aug 31
94	2.2.2 Structure removal	574 d	'25 Nov 20	'27 Sep 30
95	2.2.3 Asphalt pavement milling	554 d	'25 Dec 10	'27 Sep 30
96	2.2.4 Roadbed fill (including working layer)	635 d	'25 Oct 1	'27 Oct 11
97	2.2.4.1 K182+860-K199+000	635 d	'25 Oct 1	'27 Oct 11
98	2.2.4.2 K199+000-K215+827	574 d	'25 Nov 1	'27 Sep 11
99	**2.3 Culves and passage engineering**	**522 d**	**'25 Sep 10**	**'27 May 30**
100	2.3.1 Culvert prefabricated	225 d	'25 Oct 13	'26 Jul 17
101	2.3.1.1 d1.0m round tube culvert prefabricat	176 d	'25 Dec 1	'26 Jul 17
102	2.3.1.2 d1.5m round tube culvert prefabricat	155 d	'25 Dec 1	'26 Jun 26
103	2.3.1.3 0.5x0.5 Underground pedestrian passage prefabricated	155 d	'25 Dec 3	'26 Jun 28
104	2.3.1.4 2x2 culvert prefabricated	159 d	'25 Dec 3	'26 Jul 2
105	2.3.1.5 3x1.5 box culvert prefabricated	173 d	'25 Dec 3	'26 Jul 16
106	2.3.1.6 2x1x1 culvert cover prefabricated	114 d	'25 Oct 18	'26 Apr 2
107	2.3.1.7 1x1 culvert cover prefabricated	206 d	'25 Oct 13	'26 Jun 28
108	2.3.1.8 4x2 culvert cover prefabricated	41 d	'25 Oct 18	'25 Nov 27
109	2.3.1.9 5.4x1.3 culvert cover prefabricated	16 d	'25 Oct 18	'25 Nov 2
110	2.3.1.10 3x1culvert cover prefabricated	16 d	'25 Oct 18	'25 Nov 2
111	2.3.2 Culvert cast-in-place and installation	522 d	**'25 Sep 10**	**'27 May 30**



Winter shutdown period: from December 20 to February 10

Reconstruction of 75.2 km to 4-lanes of Barskoon-KarakolRoad Section (km 141.6-220)Section 3 of the Issyk-Kul Ring Road

ID	Task name	Duration	Start	Finish
112	2.3.2.1 Main line and sidewalk of K182+860-K184+860 section	32 d	'25 Oct 3	'25 Nov 3
113	2.3.2.2 Main line and sidewalk of K184+860-K187+860 section	36 d	'25 Oct 13	'25 Nov 17
114	2.3.2.3 Main line and sidewalk of K187+860-K190+860 section	36 d	'25 Oct 13	'25 Nov 17
115	2.3.2.4 Main line and sidewalk of K190+860-K192+860 section	46 d	'25 Oct 18	'25 Dec 2
116	2.3.2.5 Main line and sidewalk of K192+860-K197+860 section	40 d	'25 Nov 8	'25 Dec 17
117	2.3.2.6 Main line and sidewalk of K197+860-K204+860 section	228 d	'25 Sep 10	'26 Jun 17
118	2.3.2.7 Main line and sidewalk of K204+860-K209+860 section	170 d	'25 Oct 5	'26 May 15
119	2.3.2.8 Main line and sidewalk of K209+860-K215+860 section	517 d	'25 Sep 15	'27 May 30
120	**2.4 Drainage prevention**	**698 d**	**'26 Jun 1**	**'28 Aug 12**
121	2.4.1 Ditch	516 d	**'26 Jun 1**	**'28 Feb 12**
122	2.4.1.1 Ditch prefabricated	454 d	'26 Jun 1	'27 Oct 20
123	2.4.1.2 Ditch installation	507 d	'26 Jun 10	'28 Feb 12
124	2.4.2 Curb	698 d	**'26 Jun 1**	**'28 Aug 12**
125	2.4.2.1 Curb prefabricated	577 d	'26 Jun 1	'28 Apr 13
126	2.4.2.2 Curb installation	689 d	'26 Jun 10	'28 Aug 12
127	**2.5 Bridge and aqueduct engineering**	**284 d**	**'25 Nov 30**	**'26 Nov 1**
128	2.5.1 K199+697.55 Bridge	208 d	'25 Nov 30	'26 Aug 17
129	2.5.2 K199+697.55 aqueduct demolition and reconstruction	206 d	'26 Mar 10	'26 Oct 1
130	2.5.3 K209+534.5 Bridge	208 d	'26 Mar 1	'26 Sep 24
131	2.5.4 K209+534.5 aqueduct demolition and reconstruction	206 d	'26 Apr 10	'26 Nov 1
132	**2.6 Pavement engineering**	**755 d**	**'26 Mar 10**	**'28 Jul 17**
133	2.6.1 Sub-Base	414 d	'26 Mar 10	'27 Jun 19
134	2.6.2 Base	596 d	'26 Mar 12	'28 Feb 11
135	2.6.3 The floor below the pavement	631 d	'26 Jun 2	'28 Jun 7
136	2.6.4 Pavement upper layer	223 d	'27 Oct 6	'28 Jul 7
137	2.6.5 Shoulder	623 d	'26 Jul 20	'28 Jul 17
138	**2.7 Road ancillary project**	**865 d**	'25 Nov 1	'28 Aug 20
139	2.7.1 Electric power and water pipe removal	452 d	'25 Nov 1	'27 May 12
140	2.7.2 Overhead cables and water pipe installatic	502 d	'25 Dec 1	'27 Jul 31
141	2.7.3 Bus station and ancillary facilities	654 d	'26 Jul 20	'28 Aug 17
142	2.7.4 Parking area and ancillary facilities	623 d	'26 Aug 20	'28 Aug 17
143	2.7.5 Lighting Engineering	142 d	'28 Apr 1	'28 Aug 20
144	2.7.6 Traffic signal facilities	508 d	'26 Sep 20	'28 May 25
145	2.7.7 Parapet	149 d	'28 Mar 5	'28 Jul 31
146	2.7.8 Road Marking	122 d	'28 Apr 1	'28 Jul 31
147	2.7.9 Traffic sign	137 d	'28 Apr 1	'28 Aug 15
148	**2.8 Final inspection report**	**59 d**	'28 Jul 5	'28 Sep 1



Winter shutdown period: from December 20 to February 10

Appendix 3 Photographic materials

Photo 1. Earthworks for removal soil on the section at km 141-142.

Photo 2. Earthworks for construction an embankment on the section at km 155+500

Photo 3. Earthworks for the construction of an embankment on the section km 154-156

Photo 4. The Kichi-Jargylchak Camp, km 150+610, solid waste collection

Photo 5. The Ak-Terek Camp at km. 152+700 LHS

Photo 6. The Ak-Terek Camp at km. 152+700 LHS, solid waste removal

Photo 7. The Chyrak camp, km 199+460 LHS. Contractor's office. The camp area is in satisfactory sanitary condition.

Photo 8. The Chyrak camp, km 199+460 LHS. Contractor's office. The camp area is in satisfactory sanitary condition.

Photo 9. The Chyrak camp, km 199+460 LHS. The storage conditions for solid waste do not comply with environmental and sanitary requirements.

Photo 10. The Chyrak camp, km 199+460 LHS. The storage conditions for solid waste do not comply with environmental and sanitary requirements.

Photo 11. Production site, km 167+360 RHS, construction workers' accommodation camp. The sanitary conditions in the area are satisfactory.

Photo 12. Production site, km 167+360 RHS, construction workers' accommodation camp. The sanitary condition of the area is satisfactory.

Photo 13. Production site, km 167+360 RHS. The CBP and CSP sections; the sanitary condition of the area is satisfactory.

Photo 14. Production site, km 167+360 RHS, construction work on the construction of a reinforced concrete products manufacturing site.

Photo 15. Production site, km 167+360 RHS, construction of a bitumen storage pit.

Photo 16. Production site, km 202+220 RHS, the camp territory is in satisfactory sanitary condition.

Photo 17. Production site, km 202+220 RHS, development of the campgrounds.

Photo 18. Production site, km 202+220 RTS, concrete production, for the construction of bitumen storage pit.

Photo 19. Production site, km 202+220 RHS, construction of a bitumen storage pit.

Photo 20. Production site, km 202+220 RHS: significant dust emissions are visually observed during CSP operation.

Photo 21. Quarry at km 167+360. No dust emission observed during quarry development.

Photo 22. Quarry at km 191+384. No dust emission observed during quarry development.

Photo 23. Noise and vibration measurements during quarry development at km 142+580, Lot 1.

Photo 24. Noise and vibration measurements during quarry development at km 193+760, Lot 2.

Photo 25. Noise and vibration measurements at the CSP production site, Lot 1, km 167+360

Photo 26. Noise and vibration measurements at the CSP production site, Lot 2, km 202+220

Photo 27. Noise and vibration measurements at the construction site, km 196, section 1

Photo 28. Noise and vibration measurements in the Consultant's office, The Ak-Terek Camp, km 152

Photo 29. Dust suppression of construction sites at km. 155-km.156 LHS

Photo 30. Dust suppression of construction sites at km 195 LHS

Photo 31. Lot 1. Earthworks for embankment construction

Photo 32. Lot 1. Earthworks for the construction of an embankment on the site km 153+160-153+500 RHS, 3rd layer

Photo 33. Lot 2. Road backfill along the entire section of Lot 2 from the village of Kyzyl-Suu to the town of Karakol

Photo 34. Lot 2. Clearing the road of snow, km 204

Photo 35. The Kichi-Jargylchak Camp at km 150+160 LHS, sanitary conditions are satisfactory

Photo 36. The Chyrak Camp, km 199+460 LHS. Contractor's office. The camp area is in satisfactory sanitary condition.

Photo 37. The Chyrak Camp, km 199+460 LHS. Solid waste collection conditions comply with sanitary and environmental requirements.

Photo 38. The Chyrak Camp, km 199+460 LHS. Traces of soot on the walls indicate that waste was burned.

Photo 39. The Chyrak Camp, km 199+460 LHS. The storage conditions for solid waste do not comply with environmental and sanitary requirements.

Photo 40. The Chyrak Camp, km 199+460 LHS. The storage conditions for solid waste do not comply with environmental and sanitary requirements.

Photo 41. Production site, km 167+360 RHS, construction workers' accommodation camp. The sanitary conditions in the area are satisfactory.

Photo 41. Production site, km 167+360 RHS, The CSP was not working.

Photo 43. Quarry km 167+360 RHS. Not developed.

Photo 44. Production site, km 202+220 RHS, the camp territory is in satisfactory sanitary condition.

Photo 45. Production site, km 167+360 RHS, construction of a bitumen storage pit.

Photo 46. Production site, km 202+220 RHS, the camp territory is in satisfactory sanitary condition.

Photo 47. Production site,CSP, km 202+220 RHS

Appendix 4 Protocols for baseline instrumental environmental monitoring of noise and vibration levels

The baseline instrumental monitoring conducted on November 26 - 27, 2025, by ProfiLab LLC covered 23 strategic locations, including quarries, production sites, and workers' camps. The measurements were evaluated against the Resolution of the Kyrgyz Republic No. 201 (April 11, 2016, Appendix 14).

- Noise Levels: Monitoring results revealed that equivalent noise levels ranged from 41 to 83 dBA. Minor exceedances of 1 to 3 dBA were identified at the Ak-Terek camp within the boiler room (83 dBA against an 80 dBA MPL) and the Consultant’s office (51 dBA against a 50 dBA MPL). In all other locations, including those near community sensitive receptors, noise levels were within permissible limits.
- Vibration Levels: Instrumental measurements showed vibration levels ranging from 68 dB to 105 dB. No exceedances of national sanitary standards (Sanitary Standards 2.2.4/2.1.8.566-96) were recorded at any measurement point.

Conclusion: The identified noise exceedances are localized within specific camp facilities and do not indicate a project impact on external sensitive receptors at this baseline stage. These results establish the reference point for monitoring future construction impacts.

ПРОФИЛАБ
орган контроля

ISO/IEC 17020
№KG 417/КЦА.ОК.095
от: 21.08.2023 г.
область аккредитации
на сайте: www.kca.gov.kg

ОсОО «ПрофиЛаб» г. Бишкек,
ул. Тоголок-Молдо, 60[а] каб. 319.

тел. 0312 591461
e-mail: profilab.ltd@mail.ru

ПРОТОКОЛ
ИЗМЕРЕНИЙ МЕТЕОРОЛОГИЧЕСКИХ ФАКТОРОВ

№ 53 от «01» декабря 2025г.

1. Юридическое лицо, индивидуальный предприниматель или физическое лицо, где производятся измерения, адрес: **«Чайна Роуд энд Бридж Корпорейшн в Кыргызстане»/ China Road and Bridge Corporation in Kyrgyzstan**

2. Объект, где производятся измерения: **Проект: «Реконструкции 75,2 км до 4-х полос участка дороги Барскоон-Каракол кольцевой автодороги Иссык-Куль» 1-лот.**

(наименование, фактический адрес)

3.Основание для проведения измерения: **Договор №CRBC/KG/YSKH75/2025A-018/55**

4. Наименование средств измерений и сведения о калибровке измеряемого прибора:

Наименование средства измерения	Номер	Сертификат о калибровке		Меж калибровочный интервал
		номер	дата	
Метеоскоп-М	**№ 573921**	**№ К0034-3010/24**	**30-10-2024 г**	**12 месяцев**

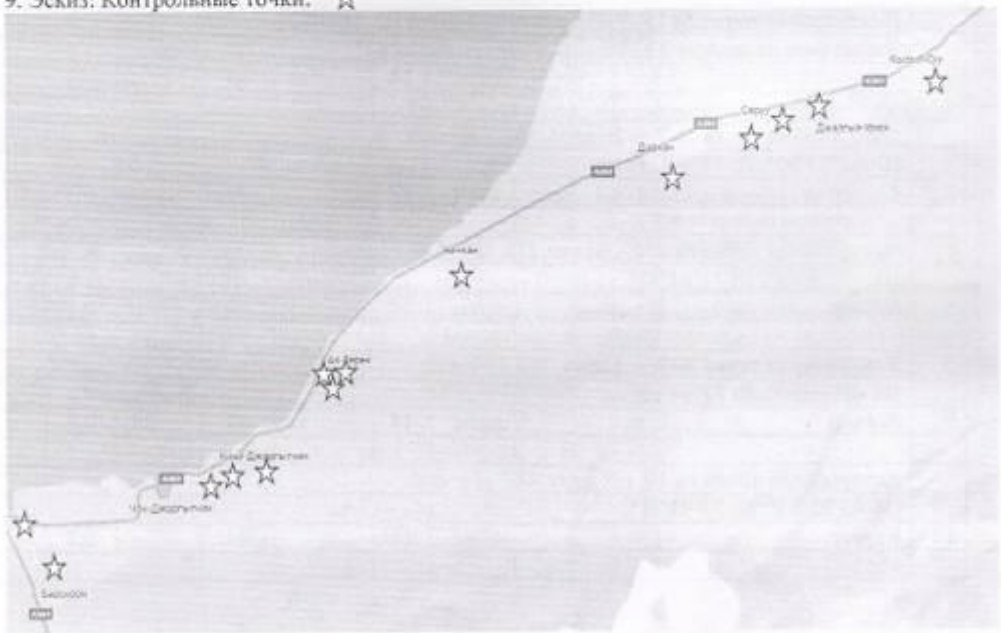
5. Нормативная документация на методы в соответствии, с которой проводились измерения: **ГОСТ 12.1.005-88 "Общие санитарно-гигиенические требования к воздуху рабочей зоны"**

6. Нормативная документация на нормы: **СанПиН 1.2.3685-21 Гигиенические нормативы и требования к обеспечению безопасности и (или) безвредности для человека факторов среды обитания".**

7. Условие окружающей среды: Температура: 9-18°С Влажность: 41-49%

8. Источники физических факторов и их характеристики: **параметры микроклимата**

9. Эскиз: Контрольные точки: ☆



10. Дата произведение измерения: «26» ноября 2025 г

Общее количество страниц 3: страница 1

№	Место измерений	Период года.		Категории работ по тяжести	Время суток проведения измерения	Температура воздуха, °С		Относитель. влажность воздуха %		Скорость движения воздуха, м/с	
		Теплый	Холодный			Измеренная	Допустимая по нормам	Измеренная	Допустимая по нормам	Измеренная	Допустимая по нормам
1	2	3	4	5	6	7	8	9	10	11	12
	Контрольная точка № 1. с. Барскоон, ПК 142+580.										
	Ш: 42°16'96", Д: 77°63'04"										
1	Карьер	+			днем	11		43		0,4	
	Контрольная точка № 2. с. Барскоон, ПК 142+580.										
	Расстояние от дороги 20 м. Ш: 42°17'94", Д: 77°62'90"										
2	Карьер	+			днем	11		42		0,3	
	Контрольная точка № 4. с. Кичи-Жаргылчак, ПК 151+280										
	Ш: 42°22'11", Д: 77°72'17"										
3	Карьер	+			днем	12		43		0,3	
	Контрольная точка № 5. с. Кичи-Жаргылчак, ПК 152+440										
	Ш: 42°21'70", Д: 77°71'70"										
4	Карьер	+			днем	15		41		0,2	
	Контрольная точка № 6. с. Кичи-Жаргылчак, ПК 152+820										
	Ш: 42°21'22", Д: 77°71'51"										
5	Карьер	+			днем	15		42		0,2	
	Контрольная точка № 15. Участок возле дороги ПК 160+120.										
	Расстояние от дороги 3 м. Ш: 42°27'06", Д: 77°76'84"										
6		+			днем	14		41		0,3	
	Контрольная точка № 7. с. Жениш, ПК 163+000										
	Ш: 42°27'30", Д: 77°80'79"										
7	Карьер	+			днем	15		42		0,3	
	Контрольная точка № 8. с. Даркан, ПК 167+580										
	Ш: 42°29'49", Д: 77°84'93"										
8	Карьер	+			днем	16		43		0,1	
	Контрольная точка № 9. с. Саруу, ПК 174+680										
	Ш: 42°29'90", Д: 77°94'13"										
9	Карьер	+			днем	14		43		0,2	
	Контрольная точка № 10. с. Саруу, ПК 174+400										
	Ш: 42°28'83", Д: 77°93'71"										
10	Карьер	+			днем	14		44		0,2	

Результаты измерений:

№	Место измерений	Период года.		Категории работ по тяжести	Время суток проведения измерений	Температура воздуха, °С		Относитель. влажность воздуха %		Скорость движения воздуха, м/с	
		Теплый	Холодный			Измеренная	Допустимая по норме	Измеренная	Допустимая по норме	Измеренная	Допустимая по норме
1	2	3	4	5	6	7	8	9	10	11	12
	Контрольная точка № 11. с. Кызыл-Суу, ПК 178+800										
	Ш: 42°31'13", Д: 78°00'63 "										
11	Карьер	+			днем	11		46		0,1	
	Контрольная точка № 12. с. Ак-Терек, База ПК 152+700										
	Ш: 42°22'33", Д: 77°71'07"										
12	Котельная	+			днем	9		49		0,4	
	Контрольная точка № 13. с. Ак-Терек, База ПК 152+700										
	Ш: 42°22'38", Д: 77°71'09"										
15	Кабинет подрядчика	+			днем	18		48		0,1	
	Контрольная точка № 14. с. Ак-Терек, База ПК 152+700										
	Ш: 42°22'39", Д: 77°71'10"										
16	Офис Консультантов	+			днем	16		48		0,1	

Заключение: По результатам инструментальных замеров, температура воздуха днем составило от 9 до 18°С. Относительная влажность воздуха днем составило от 41 до 49. Скорость движения воздуха составило до 0,4 м/с.

Должность	ФИО	Подпись
Начальник ОК	Аманова Н. Т.	
Технический менеджер/Инженер	Нуриддин уулу Т.	

Протокол составлен в двух экземплярах: 1-й экземпляр выдается по месту требования; 2-й экземпляр остается в лаборатории.
Общее количество страниц 3: страница 3
Срок хранения протокола: 4 года

Примечание: Результаты протокола соответствуют на момент проведённых измерений. Перепечатка протокола без разрешения начальника лаборатории запрещена. Результаты измерений относятся только данным объектам.

Конец протокола

ПРОФИЛАБ
орган контроля

ISO/IEC 17020
№KG 417/КЦА.ОК.095
от: 21.08.2023 г.
область аккредитации
на сайте: www.kca.gov.kg

ОсОО «ПрофиЛаб» г. Бишкек.
ул. Тоголок-Молдо, 60* каб. 319.

тел. 0312 591461
e-mail: profilab.ltd@mail.ru

ПРОТОКОЛ ИЗМЕРЕНИЯ ВИБРАЦИИ

№ 29 от «01» декабря 2025г.

1. Юридическое лицо, индивидуальный предприниматель или физическое лицо, где производятся измерения, адрес: **«Чайна Роуд энд Бридж Корпорейшн в Кыргызстане»/ China Road and Bridge Corporation in Kyrgyzstan**

2. Объект, где производятся измерения: **Проект: «Реконструкции 75,2 км до 4-х полос участка дороги Барскоон-Каракол кольцевой автодороги Иссык-Куль» 1-лот.**
(наименование, фактический адрес)

3.Основание для проведения измерения: **Договор №CRBC/KG/YSKH75/2025A-018/55**

4. Наименование средств измерений и сведения о калибровке измеряемого прибора:

Наименование средства измерения	Номер	Сертификат о калибровке		Меж калибровочный интервал
		номер	Дата	
Экофизика - 110А	**№АВ 130044**	**№ К0046-0503/25**	**05.03.2025 г.**	**12 месяцев**

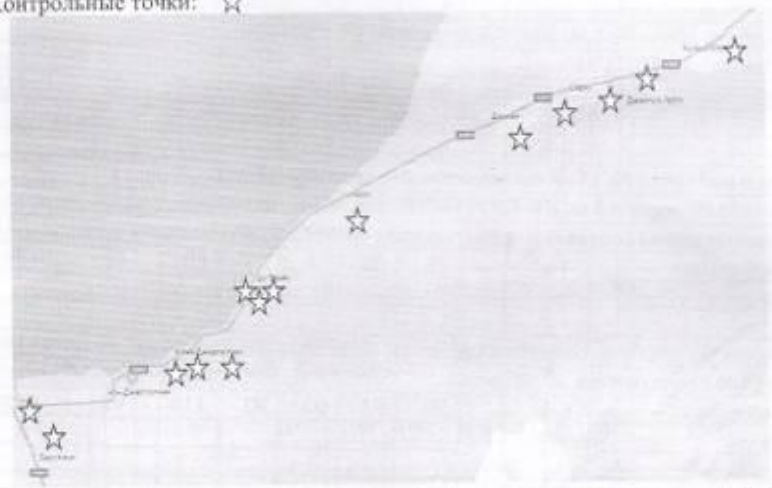
5. Нормативная документация на методы измерений, в соответствии с которой проводились измерения: **ГОСТ 31319-2006 «Вибрация. Измерение общей вибрации и оценка ее воздействия на человека. Требования к проведению измерений на рабочих местах».ГОСТ 12.1.012-2004**

6. Нормативная документация на нормы: **Санитарные нормы 2.2.4./2.1.8.566-96. «Производственная вибрация в помещениях, жилых и общественных зданий»/ГОСТ ИСО 8041-2006**

7. Условие окружающей среды: Температура: 9-18°С Влажность: 41-49%

8. Источники физических факторов и их характеристики: **Транспортный поток, транспортные средства, спец техники и другие оборудовании компании.**

9. Эскиз: Контрольные точки: ☆



10. Дата произведение измерения: «26» ноября 2025 г

№	Место измерений	Вид вибрации				Уровни звукового давления в дБ в октавных полосах со среднегеометрическими частотами в Гц						Корректированные и эквивалентные корректированные значения и их уровни		Неопределенность измерений ±дБ
		Общая			Локальная									
		Транспортная	Транспортно-технологическая	Технологическая		2	4	8	16	31,5	63	Частотная коррекция W_A (дБ) $L_{Аэкв}$	Частотная коррекция W_A (дБ) $L_{Амакс}$	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Контрольная точка № 1. с. Барскоон, ПК 142+580. Ш: 42°16'96", Д: 77°63'04". Фоновая вибрация.													
	При выключенном состоянии транспортных средств и спец техники компании.													
1	Карьер		+			81	74	65	61	59	69	**87**	93	
	На момент работы транспортных средств и спец техники компании.													
	Расстояние от источника 50 метров.													
2	Карьер		+			97	95	91	88	81	92	**99**	105	
	Контрольная точка № 2. с. Барскоон, ПК 142+580. Фоновая вибрация.													
	Расстояние от дороги 20 м. Ш: 42°17'94", Д: 77°62'90"													
3	Карьер		+			92	87	65	83	59	61	**94**	101	
	Контрольная точка № 4. с. Кичи-Жаргылчак, ПК 151+280													
	Ш: 42°22'11", Д: 77°72'17". Фоновая вибрация.													
4	Карьер		+			94	91	88	85	59	68	**92**	98	
	Контрольная точка № 5. с. Кичи-Жаргылчак, ПК 152+440													
	Ш: 42°21'70", Д: 77°71'70". Фоновая вибрация.													
5	Карьер		+			93	90	87	84	60	60	**92**	99	
	Контрольная точка № 6. с. Кичи-Жаргылчак, ПК 152+820													
	Ш: 42°21'22", Д: 77°71'51"													
6	Карьер		+			93	89	86	83	60	63	**91**	98	
	Контрольная точка № 15. Участок возле дороги ПК 160+120.													
	Расстояние от дороги 3 м. Ш: 42°27'06", Д: 77°76'84". Фоновая вибрация.													
	При выключенном состоянии транспортных средств и спец техники компании.													
7	Автомобильная дорога		+			88	76	68	63	60	59	**89**	95	
	На момент работы транспортных средств и спец техники компании.													
	Расстояние от источника 30 метров.													
8	Автомобильная дорога		+			99	95	92	92	110	98	**105**	107	

№	Место измерений	Вид вибрации				Уровни звукового давления в дБ в октавных полосах со среднегеометрическими частотами в Гц						Корректированные и эквивалентные корректированные значения и их уровни		Неопределенность измерений ±дБ
		Общая			Локальная									
		Транспортная	Транспортно-технологическая	Технологическая		2	4	8	16	31,5	63	Частотная коррекция W_m (дБ) L_{Amm}	Частотная коррекция W_m (дБ) L_{Amax}	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Контрольная точка № 7. с. Жениш, ПК 163+000													
	Ш: 42°27'30", Д: 77°80'79". Фоновая вибрация.													
9	Карьер					96	93	90	87	60	65	**89**	95	
	Контрольная точка № 8. с. Даркан, ПК 167+580. Ш: 42°29'49", Д: 77°84'93".													
	На момент работы оборудование компании. Дробильное оборудование.													
	Расстояние от источника 50 метров.													
10	Карьер					99	96	93	73	69	77	**91**	97	
	Контрольная точка № 8. с. Даркан, ПК 167+580. Ш: 42°29'49", Д: 77°84'93". Фоновая вибрация.													
	При выключенном состоянии транспортных средств и спец техники компании.													
11	Карьер					95	92	89	69	65	73	**87**	93	
	На момент работы транспортных средств и спец техники компании.													
	Расстояние от источника 50 метров.													
12	Карьер					102	98	95	92	62	61	**92**	96	
	Контрольная точка № 9. с. Саруу, ПК 174+680													
	Ш: 42°29'90", Д: 77°94'13". Фоновая вибрация.													
13	Карьер					91	68	61	59	58	58	**89**	92	
	Контрольная точка № 10. с. Саруу, ПК 174+400													
	Ш: 42°28'83", Д: 77°93'71". Фоновая вибрация.													
14	Карьер					81	72	65	62	59	58	**87**	93	
			+											
	Контрольная точка № 11. с. Кызыл-Суу, ПК 178+800													
	Ш: 42°31'13", Д: 78°00'63". Фоновая вибрация.													
15	Карьер					83	73	62	57	58	59	**85**	87	
			+											
	Контрольная точка № 12. с. Ак-Терек, База ПК 152+700. Ш: 42°22'33", Д: 77°71'07".													
	Шум от отопительного оборудование. Котельная													
16	Рабочее место					72	60	60	60	63	48	**85**	91	
	ПДУ			+		103	100	100	106	112	118	**100**		

№	Место измерений	Вид вибрации				Уровни звукового давления в дБ в октавных полосах со среднегеометрическими частотами в Гц						Корректированные и эквивалентные корректированные значения и их уровни		Неопределенность измерений ±дБ
		Общая			Локальная									
		Транспортная	Транспортно-технологическая	Технологическая		2	4	8	16	31,5	63	Частотная коррекция W_m (дБ) $L_{Аэкв}$	Частотная коррекция W_m (дБ) $L_{Амакс}$	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Контрольная точка № 13. с. Ак-Терек, База ПК 152+700													
	Ш: 42°22′38", Д: 77°71′09". Кабинет подрядчика													
17	Рабочее место					55	56	58	63	69	70	**68**	65	
	ПДУ			+		**86**	**83**	**83**	**89**	**95**	**101**	**83**		
	Контрольная точка № 14. с. Ак-Терек, База ПК 152+700													
	Ш: 42°22′39", Д: 77°71′10". Офис Консультантов													
18	Рабочее место					73	63	59	58	63	81	**81**	86	
	ПДУ			+		**86**	**83**	**83**	**89**	**95**	**101**	**83**		

Заключение по результатам замеров: **на момент проведения замеров уровень вибрации в измеренных точках, возникающий при движении транспортных потоков различного вида на автомобильной дороге, при работе транспортных средств, спец техники и других оборудовании компании, а также уровень фоновой вибрации составило от 68 дБ до 105 дБ (дневное время). На рабочих местах уровень вибрации не превышает санитарную норму.**

Санитарные нормы 2.2.4./2.1.8.566-96. «Производственная вибрация, вибрация в помещениях, жилых и общественных зданиях»

Должность	ФИО	Подпись
Начальник ОК	Аманова Н. Т.	
Технический менеджер/Инженер	Нуриддин уулу Т.	

Протокол составлен в двух экземплярах: 1-й экземпляр выдается по месту требования; 2-й экземпляр остается в лаборатории.
Общее количество страниц 4: страница 4
Срок хранения протокола: 4 года

Примечание: Результаты протокола соответствуют на момент проведённых измерений. Перепечатка протокола без разрешения начальника лаборатории запрещена. Результаты измерений относятся только данным объектам.

Конец протокола

ПРОФИЛАБ
орган контроля

ISO/IEC 17020
№KG 417/КЦА.ОК.095
от: 21.08.2023 г.
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на сайте: www.kca.gov.kg

ОсОО «ПрофиЛаб» г. Бишкек,
ул. Тоголок-Молдо, 60а каб. 319.

тел. 0312 591461
e-mail: profilab.ltd@mail.ru

ПРОТОКОЛ ИЗМЕРЕНИЯ ШУМА

№ 60 от «01» декабря 2025г.

1. Юридическое лицо, индивидуальный предприниматель или физическое лицо, где производятся измерения, адрес: **«Чайна Роуд энд Бридж Корпорейшн в Кыргызстане»/ China Road and Bridge Corporation in Kyrgyzstan**

2. Объект, где производятся измерения: **Проект: «Реконструкции 75,2 км до 4-х полос участка дороги Барскоон-Каракол кольцевой автодороги Иссык-Куль» 1-лот.**

(наименование, фактический адрес)

3.Основание для проведения измерения: **Договор №CRBC/KG/YSKH75/2025A-018/55**

4. Наименование средств измерений и сведения о калибровке измеряемого прибора:

Наименование средства измерения	Номер	Сертификат о калибровке		Меж калибровочный интервал
		номер	Дата	
Экофизика - 110А	**№АВ 130044**	**№ К0046-0503/25**	**05.03.2025 г.**	**12 месяцев**

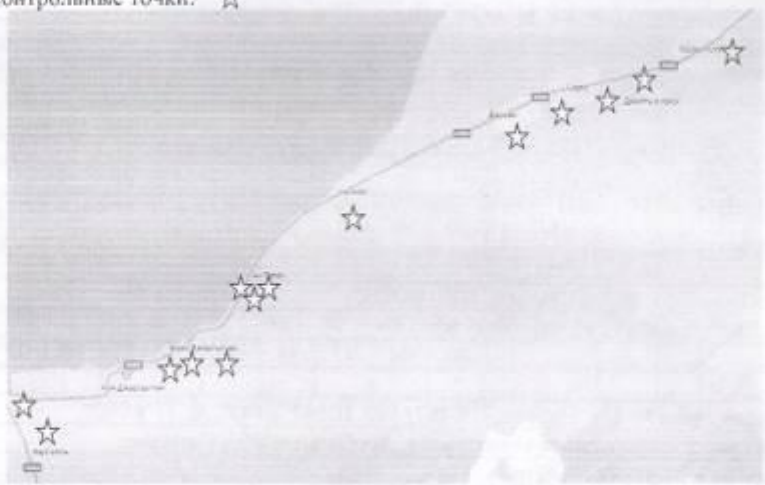
5. Нормативная документация, в соответствии с которой проводились измерения: **ГОСТ 20444-2014. Транспортные потоки. Методы определения шумовой характеристики. ГОСТ 32847-2014 Дороги автомобильные общего пользования. Требования к проведению экологических изысканий. ГОСТ ISO 9612-2016 Акустика. Измерения шума для оценки его воздействия на человека. Метод измерений на рабочих местах**

6. Нормативная документация на нормы: **Постановление КР №201 от 11 апреля 2016года. Приложение № 14 «Шум на рабочих местах, в помещениях жилых, общественных зданий и на территории жилой застройки».**

7. Условие окружающей среды: Температура: 9-18°С Влажность: 41-49%

8. Источники физических факторов и их характеристики: **Транспортный поток, транспортные средства, спец техники и другие оборудовании компании.**

9. Эскиз: Контрольные точки: ☆



10. Дата произведение измерения: «26» ноября 2025 г

№	Место измерений	Широкопол.	Тональный	Постоянный	Колеба.	Прерыис-тый	импульсный	31,5	63	125	250	500	1000	2000	4000	8000	Уровень (дБА)	Уровень (дБА)	Неопределен измерений
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Контрольная точка № 1. с. Барскоон, ПК 142+580. Ш: 42°16'96", Д: 77°63'04". Фоновый шум.																		
	При выключенном состоянии транспортных средств и спец техники компании.																		
1	Карьер							49	48	38	31	32	32	34	37	40	41	52	
	На момент работы транспортных средств и спец техники компании.																		
	Расстояние от источника 50 метров.																		
2	Карьер							70	77	71	70	65	62	64	66	65	71	79	
	Контрольная точка № 2. с. Барскоон, ПК 142+580. Фоновый шум.																		
	Расстояние от дороги 20 м. Ш: 42°17'94", Д: 77°62'90"																		
3	Карьер							55	55	52	51	53	51	44	39	38	55	62	
	Контрольная точка № 4. с. Кичи-Жаргылчак, ПК 151+280																		
	Ш: 42°22'11", Д: 77°72'17". Фоновый шум.																		
4	Карьер							52	40	43	43	47	42	38	37	37	48	59	
	Контрольная точка № 5. с. Кичи-Жаргылчак, ПК 152+440																		
	Ш: 42°21'70", Д: 77°71'70". Фоновый шум.																		
5	Карьер							79	51	37	31	33	34	37	37	40	44	68	
	Контрольная точка № 6. с. Кичи-Жаргылчак, ПК 152+820																		
	Ш: 42°21'22", Д: 77°71'51"																		
6	Карьер							79	58	44	37	43	45	45	36	37	49	69	
	Контрольная точка № 15. Участок возле дороги ПК 160+120.																		
	Расстояние от дороги 3 м. Ш: 42°27'06", Д: 77°76'84". Фоновый шум.																		
	При выключенном состоянии транспортных средств и спец техники компании.																		
7	Автомобиль ная дорога							53	61	62	57	59	58	49	39	37	61	66	
	На момент работы транспортных средств и спец техники компании.																		
	Расстояние от источника 30 метров.																		
8	Автомобиль ная дорога							76	68	65	66	67	68	60	51	42	71	76	
	Контрольная точка № 7. с. Жениш, ПК 163+000																		
	Ш: 42°27'30", Д: 77°80'79". Фоновый шум.																		
9	Карьер							69	44	47	41	38	38	37	36	37	45	62	
	Контрольная точка № 8. с. Даркан, ПК 167+580. Ш: 42°29'49", Д: 77°84'93".																		
	На момент работы оборудование компании. Дробильное оборудование.																		
	Расстояние от источника 50 метров.																		
10	Карьер							74	65	62	56	63	64	62	60	51	69	79	

Результаты измерений:

№	Место измерений	Характер шума						Уровни звукового давления в дБ в октавных полосах со среднегеометрическими частотами в Гц									Уровень звука (дБА) $L_{Aэк}$	Уровень звука (дБА) L_{Amax}	Неопределенность измерений ±дБА
		По спектру		По временным															
		Широкопол.	Тональный	Постоянный	Колебл.	Прерывистый	Импульсный	31,5	63	125	250	500	1000	2000	4000	8000			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Контрольная точка № 8. с. Даркан, ПК 167+580. Ш: 42°29'49", Д: 77°84'93". Фоновый шум.																		
	При выключенном состоянии транспортных средств и спец техники компании.																		
11	Карьер							66	65	59	58	49	45	43	37	37	54	69	
	На момент работы транспортных средств и спец техники компании.																		
	Расстояние от источника 50 метров.																		
12	Карьер							81	73	71	68	66	68	67	63	52	73	82	
	Контрольная точка № 9. с. Саруу, ПК 174+680																		
	Ш: 42°29'90", Д: 77°94'13". Фоновый шум.																		
13	Карьер							60	50	49	48	46	40	40	37	37	48	63	
	Контрольная точка № 10. с. Саруу, ПК 174+400																		
	Ш: 42°28'83", Д: 77°93'71". Фоновый шум.																		
14	Карьер							45	37	31	30	33	35	36	36	37	43	59	
	Контрольная точка № 11. с. Кызыл-Суу, ПК 178+800																		
	Ш: 42°31'13", Д: 78°00'63". Фоновый шум.																		
15	Карьер								43	34	32	31	36	30	31	34	41	48	
	Контрольная точка № 12. с. Ак-Терек, База ПК 152+700. Ш: 42°22'33", Д: 77°71'07".																		
	Шум от отопительного оборудование. Котельная																		
16	Рабочее место							63	71	68	72	78	79	77	72	63	83	84	
	ПДУ							**107**	**95**	**87**	**82**	**78**	**75**	**73**	**71**	**69**	**80**		
																	3		
	Контрольная точка № 13. с. Ак-Терек, База ПК 152+700																		
	Ш: 42°22'38", Д: 77°71'09". Кабинет подрядчика																		
17	Рабочее место							42	48	50	43	40	37	38	37	38	46	54	
	ПДУ							**86**	**71**	**61**	**54**	**49**	**45**	**42**	**40**	**38**	**50**		
	Контрольная точка № 14. с. Ак-Терек, База ПК 152+700																		
	Ш: 42°22'39", Д: 77°71'10". Офис Консультантов																		
18	Рабочее место							54	53	51	53	54	42	40	40	41	51	62	
	ПДУ							**86**	**71**	**61**	**54**	**49**	**45**	**42**	**40**	**38**	**50**		
																	1		

Общее количество страниц 4: страница 3

Заключение по результатам замеров: **на момент проведения замеров уровень шума в измеренных точках, возникающий при движении транспортных потоков, при работе транспортных средств, спец техники и других оборудовании компании, а также уровень фонового шума составило от 41 дБа до 83 дБа (дневное время). Стоит отметить, на Базе компании где было проведено измерение, общий уровень шума на рабочих местах в котельной и в офисе консультантов, отмечается превышение от санитарной нормы от 1 дБа до 3 дБа, в остальных случаях уровень шума не превышает санитарную норму.**

«Шум на рабочих местах, в помещениях, в жилых общественных зданиях и на территории жилых застроек»

Постановление №201 от 11 апреля 2016года, приложение 2.

Должность	ФИО	Подпись
Начальник ОК	Аманова Н. Т.	
Технический менеджер/Инженер	Нуриддин уулу Т.	

Протокол составлен в двух экземплярах: 1-й экземпляр выдается по месту требования;
2-й экземпляр остается в лаборатории.
Общее количество страниц 4: страница 4
Срок хранения протокола: 4 года

Примечание: Результаты протокола соответствуют на момент проведённых измерений.
Перепечатка протокола без разрешения начальника лаборатории запрещена.
Результаты измерений относятся только к данным объектам.

Конец протокола

ПРОФИЛАБ
орган контроля

ISO/IEC 17020
№KG 417/КЦА.ОК.095
от: 21.08.2023 г.
область аккредитации
на сайте: www.kca.gov.kg

ОсОО «ПрофиЛаб» г. Бишкек,
ул. Тоголок-Молдо, 60ª каб. 319.

тел. 0312 591461
e-mail: profilab.ltd@mail.ru

ПРОТОКОЛ
ИЗМЕРЕНИЙ МЕТЕОРОЛОГИЧЕСКИХ ФАКТОРОВ

№ 54 от «01» декабря 2025г.

1. Юридическое лицо, индивидуальный предприниматель или физическое лицо, где производятся измерения, адрес: **«Чайна Роуд энд Бридж Корпорейшн в Кыргызстане»/ China Road and Bridge Corporation in Kyrgyzstan**

2. Объект, где производятся измерения: **Проект: «Реконструкции 75,2 км до 4-х полос участка дороги Барскоон-Каракол кольцевой автодороги Иссык-Куль» 2-лот.**

(наименование, фактический адрес)

3.Основание для проведения измерения: **Договор №CRBC/KG/YSKH75/2025A-018/55**

4. Наименование средств измерений и сведения о калибровке измеряемого прибора:

Наименование средства измерения	Номер	Сертификат о калибровке		Меж калибровочный интервал
		номер	дата	
Метеоскоп-М	**№ 573921**	**№ К0034-3010/24**	**30-10-2024 г**	**12 месяцев**

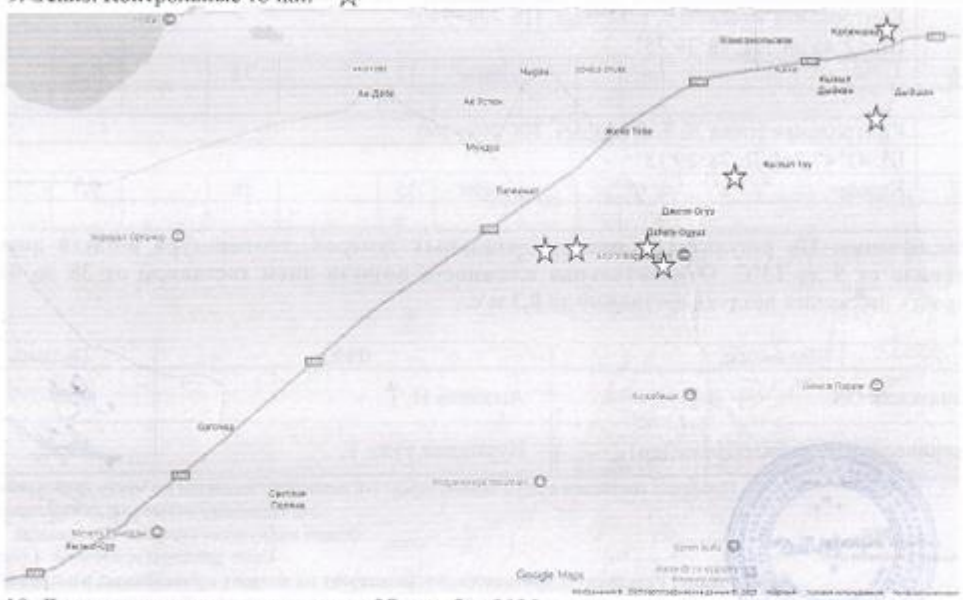
5. Нормативная документация на методы в соответствии, с которой проводились измерения: **ГОСТ 12.1.005-88 "Общие санитарно-гигиенические требования к воздуху рабочей зоны"**

6. Нормативная документация на нормы: **СанПиН 1.2.3685-21 Гигиенические нормативы и требования к обеспечению безопасности и (или) безвредности для человека факторов среды обитания".**

7. Условие окружающей среды: Температура: 9-13°С Влажность: 38-41%

8. Источники физических факторов и их характеристики: **параметры микроклимата**

9. Эскиз: Контрольные точки: ☆



10. Дата произведение измерения: «27» ноября 2025 г

Общее количество страниц 2: страница 1

Результаты измерений:

№	Место измерений	Период года.		Категория работ по тяжести	Время суток проведения измерения	Температура воздуха, °С		Относитель. влажность воздуха %		Скорость движения воздуха, м/с	
		Теплый	Холодный			Измеренная	Допустимая по нормам	Измеренная	Допустимая по нормам	Измеренная	Допустимая по нормам
1	2	3	4	5	6	7	8	9	10	11	12
	Контрольная точка № 1. с. Тилекмат, ПК 191+384.										
	Ш: 42°39′04″, Д: 78°11′24″										
1	Карьер	+			днем	9		41		0,2	
	Контрольная точка № 2. с. Тилекмат, ПК 193+760.										
	Ш: 42°40′30″, Д: 78°13′96″										
2	Карьер	+			днем	9		40		0,2	
	Контрольная точка № 3. с. Желе-Добо, ПК 166+660										
	Ш: 42°43′60″, Д: 78°19′52″										
3	Карьер	+			днем	10		40		0,3	
	Контрольная точка № 4. с. Жети-Өгүз, ПК 202+220										
	Ш: 42°40′01″, Д: 78°22′17″										
4	Карьер	+			днем	10		39		0,2	
	Контрольная точка № 5. с. Жети-Өгүз, ПК 202+220										
	Ш: 42°40′01″, Д: 78°22′17″										
5	АБЗ, ДСУ, РБУ	+			днем	11		38		0,2	
	Контрольная точка № 6. с. Ырдык, ПК 208+940.										
	Ш: 42°46′04″, Д: 78°28′75″										
6		+			днем	12		38		0,3	
	Контрольная точка № 7. с. Ырдык, ПК 209+360										
	Ш: 42°47′76″, Д: 78°29′15″										
7	Карьер	+			днем	13		38		0,3	

Заключение: По результатам инструментальных замеров, температура воздуха днем составило от 9 до 13°С. Относительная влажность воздуха днем составило от 38 до 41. Скорость движения воздуха составило до 0,3 м/с.

Должность	ФИО	Подпись
Начальник ОК	Аманова Н. Т.	
Технический менеджер/Инженер	Нуриддин уулу Т.	

Протокол составлен в двух экземплярах: 1-й экземпляр выдается по месту требования;
2-й экземпляр остается в лаборатории.
Общее количество страниц 2: страница 2
Срок хранения протокола: 4 года

Примечание: Результаты протокола соответствуют на момент проведённых измерений.
Перепечатка протокола без разрешения начальника лаборатории запрещена.
Результаты измерений относятся только данным объектам.

Конец протокола

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ОсОО «ПрофиЛаб» г. Бишкек,
ул. Тоголок-Молдо, 60[а] каб. 319.

тел. 0312 591461
e-mail: profilab.ltd@mail.ru

ПРОТОКОЛ ИЗМЕРЕНИЯ ШУМА

№ 61 от «01» декабря 2025г.

1. Юридическое лицо, индивидуальный предприниматель или физическое лицо, где производятся измерения, адрес: **«Чайна Роуд энд Бридж Корпорейшн в Кыргызстане»/ China Road and Bridge Corporation in Kyrgyzstan**

2. Объект, где производятся измерения: **Проект: «Реконструкции 75,2 км до 4-х полос участка дороги Барскоон-Каракол кольцевой автодороги Иссык-Куль» 2-лот.**

(наименование, фактический адрес)

3.Основание для проведения измерения: **Договор №CRBC/KG/YSKH75/2025A-018/55**

4. Наименование средств измерений и сведения о калибровке измеряемого прибора:

Наименование средства измерения	Номер	Сертификат о калибровке		Меж калибровочный интервал
		номер	Дата	
Экофизика - 110А	**№АВ 130044**	**№ К0046-0503/25**	**05.03.2025 г.**	**12 месяцев**

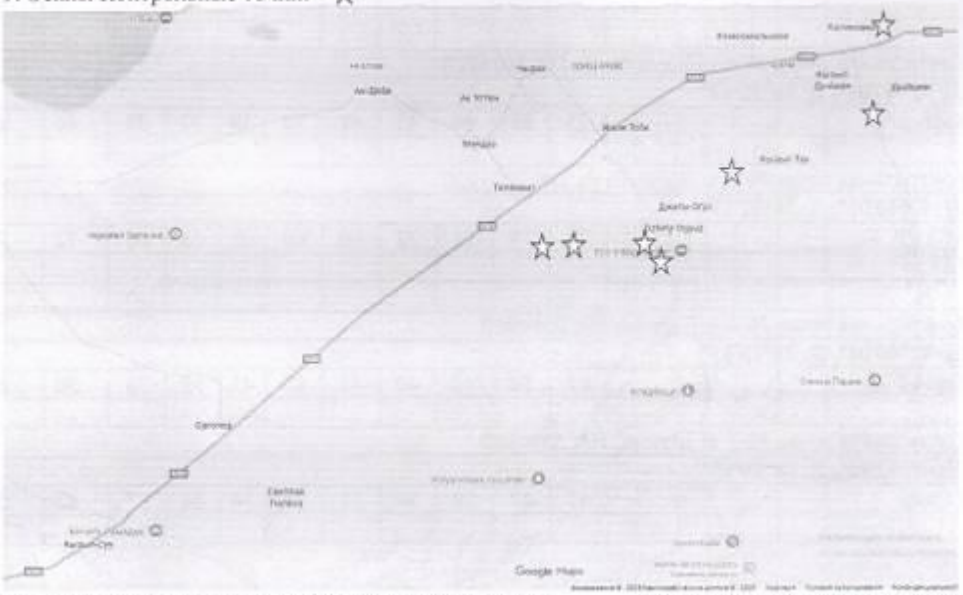
5. Нормативная документация, в соответствии с которой проводились измерения:
ГОСТ 20444-2014. Транспортные потоки. Методы определения шумовой характеристики., ГОСТ 32847-2014 Дороги автомобильные общего пользования. Требования к проведению экологических изысканий.

6. Нормативная документация на нормы:

7. Условие окружающей среды: Температура: 9-13°С Влажность: 38-41%

8. Источники физических факторов и их характеристики: **параметры микроклимата**

9. Эскиз: Контрольные точки: ☆



10. Дата произведение измерения: «27» ноября 2025 г

Общее количество страниц 3: страница 1

Результаты измерений:

№	Место измерений	Характер шума						Уровни звукового давления в дБ в октавных полосах со среднегеометрическими частотами в Гц									Уровень звука (дБА) $L_{Аэкв}$	Уровень звука (дБА) $L_{Амакс}$	Неопределенность измерений
		По спектру		По временным															
		Широкопол.	Тональный	Постоянный	Колеб.	Прерывистый	Импульсный	31,5	63	125	250	500	1000	2000	4000	8000			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Контрольная точка № 1. с. Тилекмат, ПК 191+384. Ш: 42°39'04", Д: 78°11'24". Фоновый шум.																		
	При выключенном состоянии транспортных средств и спец техники компании.																		
1	Карьер							58	63	58	45	33	31	32	34	37	45	69	
	На момент работы транспортных средств и спец техники компании.																		
	Расстояние от источника 50 метров.																		
2	Карьер							74	78	70	61	59	59	57	54	47	68	83	
	Контрольная точка № 2. с. Тилекмат, ПК 193+760.																		
	Ш: 42°40'30", Д: 78°13'96"																		
3	Карьер							81	61	51	40	40	38	36	35	37	44	71	
	Контрольная точка № 3. с. Желе-Дебе, ПК 166+660. Ш: 42°43'60", Д: 78°19'52". Фоновый шум.																		
	При выключенном состоянии транспортных средств и спец техники компании.																		
4	Карьер							55	60	46	39	43	40	39	35	37	46	62	
	На момент работы транспортных средств и спец техники компании.																		
	Расстояние от источника 50 метров.																		
5	Карьер							70	66	66	62	62	62	57	48	41	68	74	
	Контрольная точка № 4. с. Жети-Өгүз, ПК 202+220																		
	Ш: 42°40'01", Д: 78°22'17"																		
6	Карьер							75	50	44	45	41	39	38	37	37	46	65	
	Контрольная точка № 5. с. Жети-Өгүз, ПК 202+220																		
	Ш: 42°40'01", Д: 78°22'17"																		
7	АБЗ, ДСУ,							79	78	74	72	66	64	65	68	66	72	78	
	РБУ																		
	Контрольная точка № 6. с. Ырдык, ПК 208+940.																		
	Ш: 42°46'04", Д: 78°28'75"																		
8	Карьер							87	59	40	40	44	45	43	39	38	50	69	
	Контрольная точка № 7. с. Ырдык, ПК 209+360																		
	Ш: 42°47'76", Д: 78°29'15"																		
9	Карьер							47	47	39	34	31	33	34	34	37	42	52	

Заключение по результатам замеров: **на момент проведения замеров уровень шума в измеренных точках, возникающий при работе транспортных средств, спец техники и других оборудовании компании, а также уровень фонового шума составило от 42 дБа до 72 дБа (дневное время).**

Должность	ФИО	Подпись
Начальник ОК	Аманова Н. Т.	
Технический менеджер/Инженер	Нуриддин уулу Т.	

М.П. "ПрофиЛаб"

Протокол составлен в двух экземплярах: 1-й экземпляр выдается по месту требования;
2-й экземпляр остается в лаборатории.
Общее количество страниц 3: страница 3
Срок хранения протокола: 4 года

Примечание: Результаты протокола соответствуют на момент проведённых измерений.
Перепечатка протокола без разрешения начальника лаборатории запрещена.
Результаты измерений относятся только к данным объектам.

Конец протокола

ПРОФИЛАБ
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ОсОО «ПрофиЛаб» г. Бишкек,
ул. Тоголок-Молдо, 60а каб. 319.

тел. 0312 591461
e-mail: profilab.ltd@mail.ru

ПРОТОКОЛ ИЗМЕРЕНИЯ ВИБРАЦИИ

№ 30 от «01» декабря 2025г.

1. Юридическое лицо, индивидуальный предприниматель или физическое лицо, где производятся измерения, адрес: **«Чайна Роуд энд Бридж Корпорейшн в Кыргызстане»/ China Road and Bridge Corporation in Kyrgyzstan**

2. Объект, где производятся измерения: **Проект: «Реконструкции 75,2 км до 4-х полос участка дороги Барскоон-Каракол кольцевой автодороги Иссык-Куль» 2-лот.**
(наименование, фактический адрес)

3.Основание для проведения измерения: **Договор №CRBC/KG/YSKH75/2025A-018/55**

4. Наименование средств измерений и сведения о калибровке измеряемого прибора:

Наименование средства измерения	Номер	Сертификат о калибровке		Меж калибровочный интервал
		номер	Дата	
Экофизика - 110А	**№АВ 130044**	**№ К0046-0503/25**	**05.03.2025 г.**	**12 месяцев**

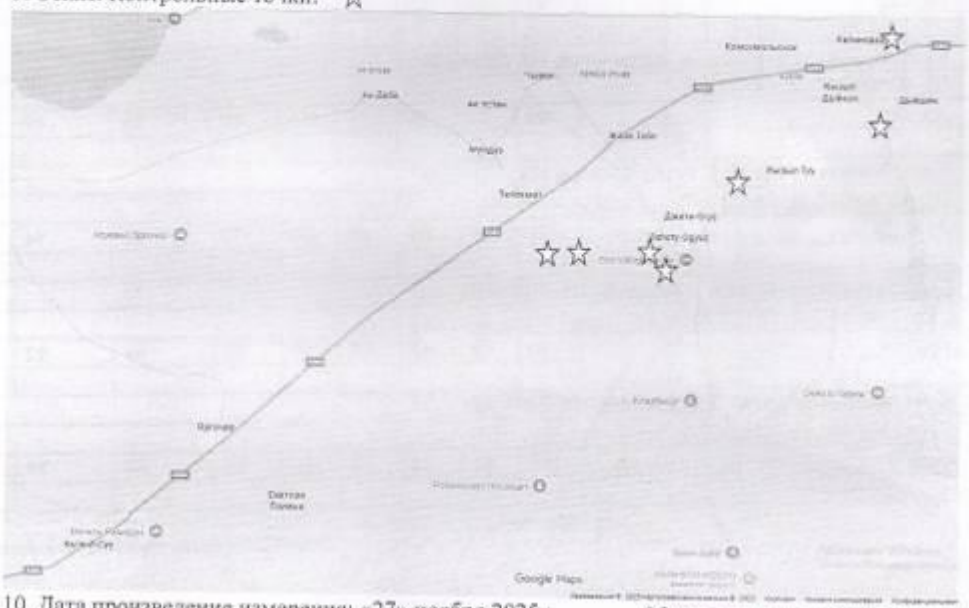
5. Нормативная документация на методы измерений, в соответствии с которой проводились измерения: **ГОСТ 31319-2006 «Вибрация. Измерение общей вибрации и оценка ее воздействия на человека. Требования к проведению измерений на рабочих местах»./ГОСТ 12.1.012-2004**

6. Нормативная документация на нормы:

7. Условие окружающей среды: Температура: 9-13°С Влажность: 38-41%

8. Источники физических факторов и их характеристики: **параметры микроклимата**

9. Эскиз: Контрольные точки: ☆



10. Дата произведение измерения: «27» ноября 2025 г

Общее количество страниц 3: страница 1

Результаты измерений:

№	Место измерений	Вид вибрации				Уровни звукового давления в дБ в октавных полосах со среднегеометрическими частотами в Гц						Корректированные и эквивалентные корректированные значения и их уровни		Неопределенность измерений ± дБ
		Общая			Локальная									
		Транспортная	Транспортно-технологическая	Технологическая		2	4	8	16	31,5	63	Частотная коррекция W_a (дБ) $L_{Aэкв}$	Частотная коррекция W_a (дБ) $L_{Amакс}$	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Контрольная точка № 1. с. Тилекмат, ПК 191+384. Ш: 42°39′04″, Д: 78°11′24″. Фоновый шум.													
	При выключенном состоянии транспортных средств и спец техники компании.													
1	Карьер					71	61	58	59	61	62	**82**	**88**	
	На момент работы транспортных средств и спец техники компании.													
	Расстояние от источника 50 метров.													
2	Карьер					84	72	65	59	62	62	**90**	**96**	
	Контрольная точка № 2. с. Тилекмат, ПК 193+760.													
	Ш: 42°40′30″, Д: 78°13′96″													
3	Карьер					76	68	63	60	59	61	**80**	**86**	
	Контрольная точка № 3. с. Желе-Дөбө, ПК 166+660. Ш: 42°43′60″, Д: 78°19′52″. Фоновый шум.													
	При выключенном состоянии транспортных средств и спец техники компании.													
4	Карьер					84	65	62	56	58	58	**78**	**85**	
	На момент работы транспортных средств и спец техники компании.													
	Расстояние от источника 50 метров.													
5	Карьер					95	105	102	99	62	62	**95**	**101**	
	Контрольная точка № 4. с. Жети-Өгүз, ПК 202+220													
	Ш: 42°40′01″, Д: 78°22′17″													
6	Карьер					94	91	88	85	61	59	**93**	**99**	
	Контрольная точка № 5. с. Жети-Өгүз, ПК 202+220													
	Ш: 42°40′01″, Д: 78°22′17″													
7	АБЗ, ДСУ,					79	78	69	68	68	70	**91**	**94**	
	РБУ													
	Контрольная точка № 6. с. Ырдык, ПК 208+940.													
	Ш: 42°46′04″, Д: 78°28′75″													
8	Карьер					96	69	62	60	59	58	**86**	**92**	
	Контрольная точка № 7. с. Ырдык, ПК 209+360													
	Ш: 42°47′76″, Д: 78°29′15″													
9	Карьер					89	62	58	58	56	56	**82**	**89**	

Заключение по результатам замеров: **на момент проведения замеров уровень вибрации в измеренных точках, возникающий при работе транспортных средств, спец техники и других оборудовании компании, а также уровень фоновой вибрации составило от 78 дБ до 95 дБ (дневное время).**

Должность	ФИО	Подпись
Начальник ОК	Аманова Н. Т.	
Технический менеджер/Инженер	Нуриддин уулу Т.	

МП "ПрофиЛаб"

Протокол составлен в двух экземплярах: 1-й экземпляр выдается по месту требования;
2-й экземпляр остается в лаборатории.
Общее количество страниц 3: страница 3
Срок хранения протокола: 4 года

Примечание: Результаты протокола соответствуют на момент проведённых измерений.
Перепечатка протокола без разрешения начальника лаборатории запрещена.
Результаты измерений относятся только к данным объектам.

Конец протокола

Appendix 5 Protocols for baseline instrumental environmental monitoring of surface water quality

ISO/IEC 17025
№ KG 417/КЦА.ИЛ.049
От: 12.08.2022 г.
Область аккредитации
на сайте: www.kca.gov.kg

* -Вне аккредитации

ДЕПАРТАМЕНТ ЭКОЛОГИЧЕСКОГО МОНИТОРИНГА
ПРИ МИНИСТЕРСТВЕ ПРИРОДНЫХ РЕСУРСОВ, ЭКОЛОГИИ И
ТЕХНИЧЕСКОГО НАДЗОРА КЫРГЫЗСКОЙ РЕСПУБЛИКИ

КЫРГЫЗ РЕСПУБЛИКАСЫНЫН ЖАРАТЫЛЫШ РЕСУРСТАРЫ,
ЭКОЛОГИЯ ЖАНА ТЕХНИКАЛЫК КОЗӨМӨЛ
МИНИСТРЛИГИНЕ КАРАШТУУ
ЭКОЛОГИЯЛЫК МОНИТОРИНГ ДЕПАРТАМЕНТИ

720005, г. Бишкек, ул. Байтик-Баатыра, 34 тел. (312) 54-61-22

ПРОТОКОЛ ИСПЫТАНИЙ
ПРОБ ВОДЫ

№ 743 – 759

1. **Наименование предприятия, организации (заявитель):**
   Иссык-Кульская область автодорога Барскоон-Каракол, China Road and Bridge Corporation in Kyrgyzstan office.
2. **Регистрационный номер и место отбора проб/дата паспорта отбора проб:** *09.10-10.10.2025 г.*
   743 – р. Чырак;
   744– р.Чон Кызыл-Суу выше 60м от моста;
   745– р.Чон кызыл-Суу ниже 40м от моста;
   746 – р.Джууку выше 60м от моста с.Саруу;
   747– р.Джууку ниже 40м от моста с.Саруу;
   748 – Район впадения реки Джууку в озеро Иссык-Куль;
   749 – р.Джууку выше 60м от моста с. Дархан;
   750 – р.Джууку ниже 40м от моста с. Дархан;
   751 – Зона ядра биосферного заповедника в районе село Дархан;
   752 – Район впадения реки Ак-Терек в озеро Иссык-Куль;
   753 - р.Ак-Терек ниже 40м от моста;
   754 - р.Ак-Терек выше 50м от моста;
   755 - р.Кичи-Жаргылчак выше 50м от моста;
   756 - р.Кичи-Жаргылчак ниже 45м от моста;
   757 - район впадения реки Кичи-Жаргылчак в озеро Иссык-Куль;
   758 - Ближайшая к дороге зона на озеро Иссык-Куль;
   759 -Опорная точка качество воды в озеро Иссык-Куль.
3. **Дата и время отбора проб:**
   09.10-10.10.2025 г. с 15 часов 00 минут.
4. **Нормативный документ:**
   Правила охраны поверхностных вод КР от 14 марта 2016-год №128; ГОСТ 31861-2012 Вода. Общие требования к отбору проб.
5. **Дата(ы) проведения испытаний:**
   13.10-20.10.2025
6. **Результаты испытаний:**

№	Наименование определяемого показателя	Ед. изм.	НД на метод испытаний	Данные анализа по точкам		ПДК		Испытания провел
				01-743-25	01-744-25	+	++	
1	Нефтепродукты	мг/л	ПНД Ф 14.1:2:4.128-98 (флуориметрический)	0,179±0,063	0,185±0,065	0,05	0,3	Жунусова А.А. Догдурбек к М.
2	Биохимическое потребление кислорода ($БПК_5$)	мгО/л	ПНД Ф 14.1:2:3:4.123-97 (йодометрический)	1,20±0,31	1,00±0,26	3,0	4,0	
3	Взвешенные вещества	мг/л	ПНД Ф 14.1:2:3.110-97 (гравиметрический)	2,40	2,80	Увел. 0,25/0,75		
4	Прозрачность	мг/л	СЭВ ч.1 М. 1977*	47,00	45,00	-	-	

№	Наименование определяемого показателя	Ед. изм.	НД на метод испытаний	Данные анализа по точкам		ПДК		Испытания провел
				01-745-25	01-746-25	+	++	
1	Нефтепродукты	мг/л	ПНД Ф 14.1:2:4.128-98 (флуориметрический)	0,175±0,061	0,177±0,062	0,05	0,3	Жунусова А.А. Догдурбек к М.
2	Биохимическое потребление кислорода ($БПК_5$)	мгО/л	ПНД Ф 14.1:2:3:4.123-97 (йодометрический)	1,10±0,29	1,20±0,31	3,0	4,0	
3	Взвешенные вещества	мг/л	ПНД Ф 14.1:2:3.110-97 (гравиметрический)	2,00	2,40	Увел. 0,25/0,75		
4	Прозрачность	мг/л	СЭВ ч.1 М. 1977*	49,00	46,00	-	-	

№	Наименование определяемого показателя	Ед. изм.	НД на метод испытаний	Данные анализа по точкам		ПДК		Испытания провел
				01-747-25	01-748-25	+	++	
1	Нефтепродукты	мг/л	ПНД Ф 14.1:2:4.128-98 (флуориметрический)	0,077±0,027	0,127±0,044	0,05	0,3	Жунусова А.А. Догдурбек к М.
2	Биохимическое потребление кислорода ($БПК_5$)	мгО/л	ПНД Ф 14.1:2:3:4.123-97 (йодометрический)	1,00±0,26	1,30±0,34	3,0	4,0	
3	Взвешенные вещества	мг/л	ПНД Ф 14.1:2:3.110-97 (гравиметрический)	2,00	2,40	Увел. 0,25/0,75		
4	Прозрачность	мг/л	СЭВ ч.1 М. 1977*	48,00	47,00	-	-	

№	Наименование определяемого показателя	Ед. изм.	НД на метод испытаний	Данные анализа по точкам		ПДК		Испытания провел
				01-749-25	01-750-25	+	++	
1	Нефтепродукты	мг/л	ПНД Ф 14.1:2:4.128-98 (флуориметрический)	0,039±0,014	0,038±0,013	0,05	0,3	Жунусова А.А. Догдурбек к М.
2	Биохимическое потребление кислорода ($БПК_5$)	мгО/л	ПНД Ф 14.1:2:3:4.123-97 (йодометрический)	0,90±0,23	1,60±0,42	3,0	4,0	
3	Взвешенные вещества	мг/л	ПНД Ф 14.1:2:3.110-97 (гравиметрический)	3,60±1,08	2,40	Увел. 0,25/0,75		
4	Прозрачность	мг/л	СЭВ ч.1 М. 1977*	47,00	48,00	-	-	

№	Наименование определяемого показателя	Ед. изм.	НД на метод испытаний	Данные анализа по точкам		ПДК		Испытания провел
				01-751-25	01-752-25	+	++	
1	Нефтепродукты	мг/л	ПНД Ф 14.1:2:4.128-98 (флуориметрический)	0,028±0,009	0,018±0,006	0,05	0,3	Жунусова А.А. Догдурбек к М.
2	Биохимическое потребление кислорода ($БПК_5$)	мгО/л	ПНД Ф 14.1:2:3:4.123-97 (йодометрический)	1,20±0,31	1,20±0,31	3,0	4,0	
3	Взвешенные вещества	мг/л	ПНД Ф 14.1:2:3.110-97 (гравиметрический)	3,20±0,96	2,40	Увел. 0,25/0,75		
4	Прозрачность	мг/л	СЭВ ч.1 М. 1977*	47,00	47,00	-	-	

№	Наименование определяемого показателя	Ед. изм.	НД на метод испытаний	Данные анализа по точкам		ПДК		Испытания провел
				01-753-25	01-754-25	+	++	
1	Нефтепродукты	мг/л	ПНД Ф 14.1:2:4.128-98 (флуориметрический)	0,033±0,012	0,048±0,017	0,05	0,3	Жунусова А.А. Догдурбек к М.
2	Биохимическое потребление кислорода ($БПК_5$)	мгО/л	ПНД Ф 14.1:2:3:4.123-97 (йодометрический)	1,20±0,31	1,10±0,29	3,0	4,0	
3	Взвешенные вещества	мг/л	ПНД Ф 14.1:2:3.110-97 (гравиметрический)	2,00	2,80	Увел. 0,25/0,75		
4	Прозрачность	мг/л	СЭВ ч.1 М. 1977*	47,00	45,00	-	-	

№	Наименование определяемого показателя	Ед. изм.	НД на метод испытаний	Данные анализа по точкам		ПДК		Испытания провел
				01-755-25	01-756-25	+	++	
1	Нефтепродукты	мг/л	ПНД Ф 14.1:2:4.128-98 (флуориметрический)	0,032±0,011	0,038±0,013	**0,05**	**0,3**	Жунусова А.А. Догдурбек к М.
2	Биохимическое потребление кислорода ($БПК_5$)	мгО/л	ПНД Ф 14.1:2:3:4.123-97 (йодометрический)	1,40±0,36	1,10±0,29	**3,0**	**4,0**	
3	Взвешенные вещества	мг/л	ПНД Ф 14.1:2:3.110-97 (гравиметрический)	2,00	3,20±0,96	**Увел. 0,25/0,75**		
4	Прозрачность	мг/л	СЭВ ч.1 М. 1977*	44,00	47,00	-	-	

№	Наименование определяемого показателя	Ед. изм.	НД на метод испытаний	Данные анализа по точкам		ПДК		Испытания провел
				01-757-25	01-758-25	+	++	
1	Нефтепродукты	мг/л	ПНД Ф 14.1:2:4.128-98 (флуориметрический)	0,076±0,027	0,068±0,024	**0,05**	**0,3**	Жунусова А.А. Догдурбек к М.
2	Биохимическое потребление кислорода ($БПК_5$)	мгО/л	ПНД Ф 14.1:2:3:4.123-97 (йодометрический)	1,00±0,26	1,70±0,44	**3,0**	**4,0**	
3	Взвешенные вещества	мг/л	ПНД Ф 14.1:2:3.110-97 (гравиметрический)	2,40	3,20±0,96	**Увел. 0,25/0,75**		
4	Прозрачность	мг/л	СЭВ ч.1 М. 1977*	43,00	46,00	-	-	

№	Наименование определяемого показателя	Ед. изм.	НД на метод испытаний	Данные анализа по точкам	ПДК		Испытания провел
				01-759-25	+	++	
1	Нефтепродукты	мг/л	ПНД Ф 14.1:2:4.128-98 (флуориметрический)	0,053±0,019	**0,05**	**0,3**	Жунусова А.А. Догдурбек к М.
2	Биохимическое потребление кислорода ($БПК_5$)	мгО/л	ПНД Ф 14.1:2:3:4.123-97 (йодометрический)	2,00±0,52	**3,0**	**4,0**	
3	Взвешенные вещества	мг/л	ПНД Ф 14.1:2:3.110-97 (гравиметрический)	2,40	**Увел. 0,25/0,75**		
4	Прозрачность	мг/л	СЭВ ч.1 М. 1977*	48,00	-	-	

+Перечень ПДК для рыбохозяйственного водопользования
++Перечень ПДК хозяйственно-питьевого и культурно-бытового водопользования

Сообщаемая расширенная неопределенность измерения указывается как суммарная стандартная неопределенность измерения, умноженная на коэффициент охвата k=2, который обеспечивает уровень доверия приблизительно 95%. Неопределенность измерений, возникающая в результате отбора проб, включена в расширенную неопределенность измерений.

Заключение*: *По результатам химических испытаний в отобранных пробах воды наблюдается превышение по сравнению ПДК (предельно-допустимая концентрация) для рыбохозяйственной и культурно-бытовой категории по нефтепродуктам в точке №746 – 3,5 раз. Остальные показатели в пределах установленных норм. Предельно допустимые концентрации химических веществ в воде водных объектов хозяйственно-питьевого и культурно бытового водопользовании, Утв. Постановлением Правительства КР №201 от 11 апреля 2016г.*

Заведующая ОМВР Баяны к Б.

Заведующая ОКОПАИР Дарбишкова А.С.

Исполнитель не несет ответственности, если проба отобрана самим заказчиком
Перепечатка протокола без разрешения ДЭМ запрещена.
ОМВР – отдел мониторинга водных ресурсов (поверхтностных и сточных вод)
ОКОПАИР - отдел координации отбора проб, аналитики и измерение радиации.

Конец протокола.

Appendix 6 Protocols for baseline instrumental environmental air quality monitoring

ISO/IEC 17025
№ KG 417/КЦА.ИЛ.049
От: 12.08.2022 г.
Область аккредитации
на сайте: www.kca.gov.kg

КЫРГЫЗ РЕСПУБЛИКАСЫНЫН ЖАРАТЫЛЫШ РЕСУРСТАРЫ ЭКОЛОГИЯ ЖАНА ТЕХНИКАЛЫК КӨЗӨМӨЛ МИНИСТРЛИГИНЕ КАРАШТУУ ЭКОЛОГИЯЛЫК МОНИТОРИНГ ДЕПАРТАМЕНТИ

ДЕПАРТАМЕНТ ЭКОЛОГИЧЕСКОГО МОНИТОРИНГА ПРИ МИНИСТЕРСТВЕ ПРИРОДНЫХ РЕСУРСОВ, ЭКОЛОГИИ И ТЕХНИЧЕСКОГО НАДЗОРА КЫРГЫЗСКОЙ РЕСПУБЛИКИ

*- Вне аккредитации

720005, г. Бишкек, ул. Байтик-Баатыра, 34 тел. (312) 54-61-22

ПРОТОКОЛ ИСПЫТАНИЙ ПРОБ АТМОСФЕРНОГО ВОЗДУХА

№766 - 774

От 20.10.2025г

1. **Наименование предприятия, организации (заявитель):**
   Иссык-Кульская область автодорога Барскоон-Каракол, China Road and Bridge Corporation in Kyrgyzstan office.
2. **Регистрационный номер и место отбора проб/дата паспорта отбора проб:** *09.10-10.10.2025 г.*
   766 – с. Кызыл-Суу, ул. Манаса 72/1, "Кут-Билим";
   767 - с. Кызыл-Суу, ул. Манаса 158, школа им. С. Абдракманова;
   768 – с. Кызыл-Суу, ул. Манаса 155, школа им. В. Ленина;
   769 – с. Саруу, ул. Джээнбая ажы 63А, школа им. С. Сыдыкова;
   770 – с. Дархан, ул. Конокказы Даниярова 45, школа им. К. Салиева;
   771 – с. Жениш, ул. Кененбай 46, мечит, детский сад;
   772 – с. Ак-Терек, ул. Б. Кыдыралиева 40, больница;
   773 – с. Кичи-Жаргылчак, спортивная школа;
   774 – с. Чон-Жаргылчак, ул. Жаштык 1, мечит.
3. **Дата и время отбора проб:**
   09.10-10.10.2025 г.с 15 часов.
4. **Нормативный документ:**
   РД 52.04.186-89 – Руководство по контролю загрязнения атмосферы.
   СТП ДЭМ 03-01-2021–Отбор проб атмосферного воздуха.
   СТП ДЭМ 03-02-2021–Методика выполнения измерений содержания оксида углерода (CO) в атмосферном воздухе с помощью газоанализатора стационарного электрохимического К-100.
5. **Дата(ы) проведения испытаний:**
   13.10. – 17.10.2025 г.
6. **Результаты испытаний**

Наименование определяемого показателя	НД на метод испытаний	Данные анализа по точкам, мг/м³			ПДК макс.раз. мг/м³	Испытания провел
		03-766-25	03-767-25	03-768-25		
Диоксид серы	РД 52.04.186-89 Метод фотометрический	0,051 ±0,006	0,057 ±0,006	0,078 ±0,009	0,5	Бектурова М.Б.
Диоксид азота	РД 52.04.186-89 Метод фотометрический	0,062 ±0,011	0,053 ±0,010	0,089 ±0,016	0,085	
Оксид углерода	СТП ДЭМ 03-02-2021 Газоанализатор К-100	0,6 ±0,12	0,3 ±0,06	1,0 ±0,2	5,0	
Взвешенные вещества	РД 52.04.186-89 Метод гравиметрический	0,160 ±0,04	0,160 ±0,04	0,160 ±0,04	0,5	

Наименование определяемого показателя	НД на метод испытаний	Данные анализа по точкам, мг/м³		ПДК макс.раз. мг/м³	Испытания провел
		03-769-25	03-770-25		
Диоксид серы	РД 52.04.186-89 Метод фотометрический	0,079 ±0,009	0,106 ±0,013	0,5	Бектурова М.Б.
Диоксид азота	РД 52.04.186-89 Метод фотометрический	0,069 ±0,012	0,078 ±0,014	0,085	
Оксид углерода	СТП ДЭМ 03-02-2021 Газоанализатор К-100	0,7 ±0,14	0,4 ±0,08	5,0	
Взвешенные вещества	РД 52.04.186-89 Метод гравиметрический	0,160 ±0,04	0,213 ±0,053	0,5	

Наименование определяемого показателя	НД на метод испытаний	Данные анализа по точкам, мг/м³		ПДК макс.раз. мг/м³	Испытания провел
		03-771-25	03-772-25		
Диоксид серы	РД 52.04.186-89 Метод фотометрический	0,074 ±0,008	0,114 ±0,014	0,5	Бектурова М.Б.
Диоксид азота	РД 52.04.186-89 Метод фотометрический	0,065 ±0,012	0,052 ±0,009	0,085	
Оксид углерода	СТП ДЭМ 03-02-2021 Газоанализатор К-100	0,8 ±0,16	0,3 ±0,06	5,0	
Взвешенные вещества	РД 52.04.186-89 Метод гравиметрический	0,160 ±0,04	0,213 ±0,053	0,5	

Наименование определяемого показателя	НД на метод испытаний	Данные анализа по точкам, мг/м³		ПДК макс.раз. мг/м³	Испытания провел
		03-773-25	03-774-25		
Диоксид серы	РД 52.04.186-89 Метод фотометрический	0,078 ±0,009	0,126 ±0,015	0,5	Бектурова М.Б.
Диоксид азота	РД 52.04.186-89 Метод фотометрический	0,080 ±0,014	0,050 ±0,009	0,085	
Оксид углерода	СТП ДЭМ 03-02-2021 Газоанализатор К-100	0,2 ±0,04	0,5 ±0,1	5,0	
Взвешенные вещества	РД 52.04.186-89 Метод гравиметрический	0,160 ±0,04	0,213 ±0,053	0,5	

Сообщаемая расширенная неопределенность измерения указывается как суммарная стандартная неопределенность измерения, умноженная на коэффициент охвата k=2, который обеспечивает уровень доверия приблизительно 95%. Неопределенность измерений, возникающая в результате отбора проб, включена в расширенную неопределенность измерений.

Заключение*: *По результатам химических испытаний в отобранных пробах атмосферного воздуха не наблюдается превышение по сравнению ПДК (предельно-допустимая концентрация) максимально разовый по всем определяемым показателям. Установленная ГН «ПДК загрязняющих веществ в атмосферном воздухе населенных мест». утв. Постановлением Правительства КР №201(приложение 17) от 11 апреля 2016 г.*

Главный специалист СМАВиПВ Абдыкадаева А. Н.

Заведующая ОКОПАИР Дарбакова А.С.

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СМАВиПВ – сектор мониторинга атмосферного воздуха и промышленных выбросов
ОКОПАИР - отдел координации отбора проб, аналитики и измерение радиации.

Конец протокола.

SO/IEC 17025
№ KG 417/КЦА.И.Л.049
От: 12.08.2022 г.
Область аккредитации
на сайте: www.kca.gov.kg

*- Вне аккредитации

КЫРГЫЗ РЕСПУБЛИКАСЫНЫН ЖАРАТЫЛЫШ РЕСУРСТАРЫ
ЭКОЛОГИЯ ЖАНА ТЕХНИКАЛЫК КӨЗӨМӨЛ
МИНИСТРЛИГИНЕ КАРАШТУУ
ЭКОЛОГИЯЛЫК МОНИТОРИНГ ДЕПАРТАМЕНТИ

ДЕПАРТАМЕНТ ЭКОЛОГИЧЕСКОГО МОНИТОРИНГА
ПРИ МИНИСТЕРСТВЕ ПРИРОДНЫХ РЕСУРСОВ, ЭКОЛОГИИ И
ТЕХНИЧЕСКОГО НАДЗОРА КЫРГЫЗСКОЙ РЕСПУБЛИКИ

720005, г. Бишкек, ул. Байтик-Баатыра, 34 тел. (312) 54-61-22

ПРОТОКОЛ ИСПЫТАНИЙ
ПРОБ АТМОСФЕРНОГО ВОЗДУХА
№759 - 765

От 20.10.2025г

1. **Наименование предприятия, организации (заявитель):**
   Иссык-Кульская область автодорога Барскоон-Каракол, China Road and Bridge Corporation in Kyrgyzstan office.
2. **Регистрационный номер и место отбора проб/дата паспорта отбора проб:** *09.10-10.10.2025 г.*
   ***759** – г. Каракол, ул. Токтогул 218А, гостевой дом "Босого";*
   ***760** – с. Конкино, ул. Абалбек Аллапаев 2;*
   ***761** – с. Балтабай, ул. Абдылдаев Осмон 6;*
   ***762** – с. Кытай, ул. Текебаева 1;*
   ***763** – с. Джеле-Добо, ул. Казак Усекова 1;*
   ***764** – с. Тилекмат, ул. Салык Торгоева 46;*
   ***765** – с. Оргочор, ул. Тоголок Молдо 1, музей "Санжыра".*
3. **Дата и время отбора проб:**
   09.10-10.10.2025 г. с 15 часов.
4. **Нормативный документ:**
   РД 52.04.186-89 – Руководство по контролю загрязнения атмосферы.
   СТП ДЭМ 03-01-2021–Отбор проб атмосферного воздуха.
   СТП ДЭМ 03-02-2021–Методика выполнения измерений содержания оксида углерода (CO) в атмосферном воздухе с помощью газоанализатора стационарного электрохимического К-100.
5. **Дата(ы) проведения испытаний:**
   13.10. – 17.10.2025 г.
6. **Результаты испытаний**

Наименование определяемого показателя	НД на метод испытаний	Данные анализа по точкам, мг/м³		ПДК макс.раз. мг/м³	Испытания провел
		03-759-25	03-760-25		
Диоксид серы	РД 52.04.186-89 Метод фотометрический	0,282 ±0,034	0,041 ±0,005	0,5	Бектурова М.Б.
Диоксид азота	РД 52.04.186-89 Метод фотометрический	0,056 ±0,010	0,071 ±0,013	0,085	
Оксид углерода	СТП ДЭМ 03-02-2021 Газоанализатор К-100	0,5 ±0,1	0,7 ±0,14	5,0	
Взвешенные вещества	РД 52.04.186-89 Метод гравиметрический	0,160 ±0,04	0,160 ±0,04	0,5	

Наименование определяемого показателя	НД на метод испытаний	Данные анализа по точкам, мг/м³		ПДК макс.раз. мг/м³	Испытания провел
		03-761-25	03-762-25		
Диоксид серы	РД 52.04.186-89 Метод фотометрический	0,045 ±0,005	0,039 ±0,005	0,5	Бектурова М.Б.
Диоксид азота	РД 52.04.186-89 Метод фотометрический	0,060 ±0,011	0,069 ±0,012	0,085	
Оксид углерода	СТП ДЭМ 03-02-2021 Газоанализатор К-100	0,5 ±0,1	0,5 ±0,1	5,0	
Взвешенные вещества	РД 52.04.186-89 Метод гравиметрический	0,160 ±0,04	0,160 ±0,04	0,5	

Наименование определяемого показателя	НД на метод испытаний	Данные анализа по точкам, мг/м³			ПДК макс.раз. мг/м³	Испытания провел
		03-763-25	03-764-25	03-765-25		
Диоксид серы	РД 52.04.186-89 Метод фотометрический	0,043 ±0,005	0,118 ±0,014	0,047 ±0,005	0,5	Бектурова М.Б.
Диоксид азота	РД 52.04.186-89 Метод фотометрический	0,055 ±0,010	0,050 ±0,009	0,102 ±0,018	0,085	
Оксид углерода	СТП ДЭМ 03-02-2021 Газоанализатор К-100	0,6 ±0,12	0,5 ±0,1	0,6 ±0,12	5,0	
Взвешенные вещества	РД 52.04.186-89 Метод гравиметрический	0,160 ±0,04	0,213 ±0,053	0,160 ±0,053	0,5	

Сообщаемая расширенная неопределенность измерения указывается как суммарная стандартная неопределенность [illegible] умноженная на коэффициент охвата k=2, который обеспечивает уровень доверия приблизительно 95%. Неопределенность измерений, возникающая в результате отбора проб, включена в расширенную неопределенность измерений.

Заключение*: *По результатам химических испытаний в отобранных пробах атмосферного воздуха не наблюдается превышение по сравнению ПДК (предельно-допустимая концентрация) максимально разовый по всем определяемым показателям. Установленная ГН «ПДК загрязняющих веществ в атмосферном воздухе населенных мест». утв. Постановлением Правительства КР №201(приложение 17) от 11 апреля 2016 г.*

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Заведующая ОКОПАИР Дарбакова А.С

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Конец протокола.

Appendix 7 Agreement for the removal of solid municipal waste (Lot 1)

Келишим №CRBC/KG/YSKH75/2025A/013

合同编号: CRBC/KG/YSKH75/2025A/013

Мекеме ишканалардын жана жеке турак жайлардын катуу жана турмуш тиричилик калдыктарын чыгаруу жөнүндө

关于清除企业和私人住宅固体和生活废物的合同

«16» 12 2025-жыл

2025 年12月16日

Барскоон айылы

Barskoon 村

Zhongjiao Road and Bridge Construction компаниясы

(мекеме ишканалардын аты, жеке жактардын аты , менчигинин түрүнө карабастан)

Жайгашкан жери: Ак-Терек ДЭУнун имараты

Бир тараптан мындан кийин «Буйрутма берүүчү Zhongjiao Road and Bridge Construction компаниясы Кыргызстан Ысык – Кол айланма автожолун Каракол-Барскоон участогундагы 75,2 чакырымдык автожолун жакшыртуу долбоорунун лот 1 участогу, долбоордун менеджери Цзин Чжэ Экинчи тараптан «Барскоон Сервис» муниципалдык ишканасынын жетекчиси Маданбеков Талгат Эсенбекович бекитилген Уставдын негизинде иш алып барган, мындан ары «Аткаруучу» болуп аталган, төмөндө жазылгандар жөнүндө ушул Келишимди түзүштү:

中交路桥建设有限公司

(企业名称、私人名称，不论所有权类型)

地址：Ak-Terek 养路段楼

一方面（以下简称"甲方"）："甲方"中交路桥建设有限公司吉尔吉斯伊塞克湖环湖路卡拉科尔-巴尔司空段 75.2 公里道路改建项目 Lot1 标段项目经理部，以项目 经理金哲为代表，另一方面（以下简称"乙方"）：BARSKOON 市属企业"BARSKOON SERVIS"负责人 MADANBEKOV TALGAT ESENBEKOVICH 根据批准的章程开展业务，双方达成如下协议：

I.Келишимдин негизи

一、合同对象

1.1. Түзүлгөн Келишимдин негизинде «Аткаруучу» «Буйрутма берүүчүнүн» аймагынан катуу жана турмуш тиричилик калдыктарын (мындан ары КТК) бекитилген убакытта (график) чыгарууга милдеттенет.«Буйрутма берүүчү» көрсөтүлгөн кызмат үчүн төлөөгө милдеттенет. (кызмат көрсөтүү акысы келишимге тиркелет)

1.1. 根据本协议，"乙方"有义务在指定时间（按计划）从"甲方"区域内清除固体和生活废物（以下简称"废物"）。"甲方"有义务支付指定服务的费用（服务费用附于合同）。

1.2. Келишимдин негизи катуу жана турмуш тиричилик калдыктарын чыгаруу болуп саналат.(мекеме ишканалардан чыккан таштандылар,короо жайлардан чогултулган таштандылар,дүкөндөр,коомдук тамактануучу жайлар,бала бакча, ооруканa,мейманканалар жана жеке турак жайлар)

1.2. 合同的主要内容包括清除固体和生活废物（来自企业、庭院、商店、公共餐饮场所、幼儿园、医院、宾馆及私人住宅的废物）。

1.3. «Буйрутма берүүчү» катуу жана түрмүш тиричилик калдыктарын чыгаруу жана ажыратууну өз каражатына чыгаруу үчүрунда да, бекитилген(тариф)төлөө акысы сакталат,анткени «Аткаруучу» Барскоон айыл аймагындагы таштанды төгүү жайын кароо жана сактоо жагын камсыздайт.

1.3."甲方"在自行清除和处置废物时，仍需按固定费率支付费用，因为"乙方"负责管理和维护 BARSKOON 村废物倾倒场。

II.Төлөөнүн шарттары жана тартиби

二、支付条件和程序

Катуу жана түрмүш тиричилик калдыктарын чыгаруу жана ажыратуу (КТК) КР Салык Кодексинин 189 статьясынын жана Барскоон айылдык кенешинин 2025-жылдын 14-февралындагы I-чакырылышынын III-кезектеги сессиясынын №6 токтому менен бекитилген кызмат көрсөтүү акысынын негизинде жүргүзүлөт.

固体和生活废物的清除和处置（废物）根据《吉尔吉斯共和国税法》第 189 条和 BARSKOON 村议会 2025 年 2 月 14 日第 III 届第 6 号决议批准的收费标准执行。

2.1.«Буйрутма берүүчү»_____

(А.А.А. жа мекеменекин аталышы)

төлөө акысы 12 000 сом (он эки мин)

(жазуу жүзүндө)

кызмат көрсөтүү, бекитилген төлөө акысынын негизинде жүргүзүлөт.

2.1. "甲方" 中交路桥建设有限公司吉尔吉斯伊塞克湖环湖路卡拉科尔-巴尔司空段 75.2 公里道路改建项目 Lot1 标段项目经理部

(个人或企业名称)

支付金额：12 000 索姆（壹万贰仟索姆）

(大写)

服务费用按批准的收费标准执行。

2.2.Төлөө акысы эки тараптын келишимдүү түрдө накта акча каражаты жана эсепке которуу жолу менен жүргүзүүгө болот.

2.2. 双方协商一致后，可通过现金或银行转账支付。

2.3.Накталай акча каражаты «»Аткаруучунун» кассасына киришителет.

2.3. 现金支付存入"执行方"的收银台。

2.4.«Буйрутма берүүчү» төлөө акысын алдынкы мөөнөткө чейин төлөшү мүмкүн, эгерде айдын аягына чейин төлөбөй койгон болсо, карызынын 1% түум менен эсептелинет.

2.4. "甲方"可提前支付费用，若月底未支付，将按欠款的 1%计算滞纳金。

2.5.Бекитилген кызмат көрсөтүү акысына өзгөртүүлөр, толуктоолор киргизилген учурда «Аткуруучу» «Буйрутма берүүчүгө» кабардар кылуу менен кайра эсептөөлөрдү жүргүзө алат.

2.5. 若批准的收费标准发生变更，"乙方"可重新核算并通知"甲方"。

III. Буйрутма берүүчүнүн милдеттери укуктары

三、甲方的义务和权利

3.1 «Буйрутма берүүчү» «Аткаруучуга» өз учурунда кызмат көрсөтүү акысын төлөөгө милдетүү.

3.1. "甲方"有义务按时向"乙方"支付服务费用。

3.2. «Буйрутма берүүчү» Келишимде көрсөтүлгөн тейлөөчү аймагынын санитардык-гигиеналык абалына толук жооп берет.

3.2."甲方"需完全负责协议中指定服务区域的卫生状况。

3.3.Таштандыларды чыгарууда таштанды калдыктарын туура чогултууга милдетүү.

3.3. 清除废物时，必须正确分类废物

3.4. «Буйрутма берүүчү» төлөө акысын жүргүзгөн учурда «Аткаруучудан» акча каражаты касаага киришителгени туралуу дүмүрчөк (квитанция) талап кылууга укуктуу.

3.4. "甲方"有权要求"乙方"提供支付收据。

3.5. «Буйрутма берүүчү» таштанды калдыктары көрсөтүлгөн мөөнөттө чыгарылып, тазаланууусун талап кылууга укуктуу.

3.5. "甲方"有权要求废物在指定时间内清除并清理。

IV.Аткаруучунун милдеттери,укуктары

四、乙方的义务和权利

4.1. «Аткаруучу» катуу жана түрмуш тирчилик калдыктарын чыгаруу боюнча кызмат көрсетүүгө Келишимди «Буйрутма берүүчү» менен өз мөөнөтүндө түзүүгө милдетүү.

4.1. "乙方"有义务与"甲方"按时签订废物清除服务协议。

4.2. «Аткаруучу» катуу жана түрмуш тирчилик калдыктарын чыгаруу, ажыратууну үшүл Келишимдин негизинде сапатуу жана өз мөөнөтүндө чыгарууга милдетүү.

4.2. "乙方"有义务按协议高质量、按时清除和处置废物。

4.3. Эгерде «Буйрутма берүүчү» кызмат көрсөтүү акысын кечиктирип же төлөбөй койгон учурда «Аткаруучу» катуу жана түрмуш тирчилик калдыктарын чыгарууну токтотууга укуктуу.

4.3. 若"甲方"延迟或未支付费用，"乙方"有权暂停废物清除服务。

V.Тараптардын жоопкерчилиги

五. 双方责任

5.1. «Аткаруучу» катуу жана түрмуш тирчилик калдыктарын чыгаруу, ажыратуу боюнча кызмат көрсөтүүдө КР Мыйзамдарынын негизинде жоопкерчилик тартат.

5.1. "乙方"在废物清除和处置服务中需根据吉尔吉斯共和国法律承担责任。

5.2.Турмуш тиричилик жана өндүрүштөн чыккан таштандыларды өртөө жана тиешелүү эмес жайларга ыргытуу учурунда «Буйрутма берүүчү» **2024-жылдын 28-майындагы Барскоон айыл аймагынын жергиликтүү кенешинин XVIII-чакырылышынын III-кезектеги сессиясынын №23-токтомунун жана Кыргыз Республикасынын укук бузуулар жонундо Кодексинин 2021-жылдын 28-октябрындагы №128 Мыйзамынын негизинде**:

5.2. "甲方"若焚烧或非法倾倒生活和生产废物，将根据 2024 年 5 月 28 日 BARSKOON 村议会第 III 届第 23 号决议和《吉尔吉斯共和国行政违法法典》（2021 年 10 月 28 日第 128 号法律）承担以下罚款：

-115-беренесине ылайык,белгиленбеген жерлерге турмуш-тиричилик таштандыларын жана башка буюмдарды таштаган жеке жактарга **55** эсептик корсоткуч **5500** (беш мин беш жуз) сом олчомундо,турмуш-тиричиликтик катуу,ондуруштук,онор жай калдыктарын жана башка предметтерди,ошондой эле жалбыактарды орттогон жеке жактарга **75** эсептик корсоткуч **7500**(жети мин беш жуз),юридикалык жактарга **230** эсептик корсоткуч **23000**(жыйырма уч мин) сом олчомундо айып пул салынат.

-个人在非指定地点倾倒废物或其他物品：55 倍计算单位（5500 索姆）；个人焚烧废物或树叶：75 倍计算单位（7500 索姆）；法人：230 倍计算单位（23000 索姆）。

VI. Башка шарттар

六、其他条款

6.1.Тараптар ортосунда талаш тартыш маселе жаралып, сүйлөшүүлөр менен чечилбеген болсо, меселе КР Мыйзамдарынын негизинде сот процессинде каралат.

6.1 若双方发生争议且无法协商解决，将根据吉尔吉斯共和国法律通过诉讼程序处理。

6.2.Ушул Келишимге болгон өзгөртүүлөр, толуктоолор кошумча келишимдер болуп жазуу жүзүндө даярдалат жана Тараптардын атынан кол коюлат, Келишимдин милдеттери толугу менен аткарууга алынат.

6.2 对本协议的修改或补充需以书面形式并经双方签署后生效。

6.3.Ушул Келишим Тараптардын колу коюлгандан тартып күчүнө кирет жана 2 (эки) жылдык мөөнөткө түзүлөт.

6.3 本协议自双方签署之日起生效，有效期 2 年。

6.4.Ушул Келишим бирдей күчкө ээ жана 5 (беш) нускада түзүлдү.

6.4 本协议一式 5 份，具有同等效力。

VII. Тараптардын юридикалык дареги жана реквизиттери
七、双方法律地址和详细信息

«Буйрутма берүүчү» «甲方» Zhongjiao Road and Bridge Construction компаниясынын долбоордун менеджери Цзин Чжэ	«Аткаруучу» «乙方» «Барскоон-Сервис» муниципалдык ишканасынын Директору Т.Э.Маданбеков
ИНН: 40705200210056	ИНН:01504201310149
Банк: ОАО «Коммерческий Банк Кыргызстан»	Банк ФЗАО»Банк Компаньон»
Р\счет: 1030120000088039	Р:счет:1130020000253763
БИК: 103001	БИК:113004
_____ (колу)	_____ М.О (колу)

Appendix 8 Agreement for wastewater removal (Lot 2)

Договор Договор № 15
合同№ 15

На оказание разовой услуги откачке септика организации, предприятий и частных территории

Субподряда между Представительством "China Road and Bridge Corporation in Kyrgyzstan" Проект реконструкции дороги протяженностью 75,2 км на участке Каракол - Барскоон кольцевой автодороги Иссык - Куль в Кыргызстане Lot2 (Км182 + 860 - Км215 +827) и Индивидуальный предприниматель Бушуев Александр Сергеевич

Иссык-Кульская обл. «2» 9. 2025 г.

伊塞克湖州

Представительство «China Road And Bridge Corporation in Kyrgyzstan» («Чайна роад энд брайдж корпорэйшн ин Кыргызстан»), Проект реконструкции дороги протяженностью 75,2 км на участке Каракол - Барскоон кольцевой автодороги Иссык - Куль в Кыргызстане Lot2 (Км182+860 - Км215+827), именуемое в дальнейшем **«Генподрядчик»**,в лице **зам. ген. Директор Туо Ай луи** /Tuo ai long, действующего на основании доверенности, с одной стороны, (Индивидуальный предприниматель Бушуев Александр Сергеевич) , В лице Главного Руководителя (Бушуев Александр Сергеевич) с другой стороны, заключили настоящий договор о нижеследующем:

中国路桥工程有限责任公司吉尔吉斯办事处，根据委托书，《吉尔吉斯伊塞克湖环湖路卡拉科尔-巴尔司空段 75.2 公里道路改建项目 Lot2（Km182+860-Km215+827）》，以项目经理脱爱龙为代表，以下简称发包方，个人经营者 布什耶夫·亚历山大·谢尔盖耶维奇 为代表，以下简称承包方，签订本合同内容如下：

1. ПРЕДМЕТ ДОГОВОРА
合同 对象

1.1. Согласно настоящему договору «**Исполнитель**», обязуется выполнить услуги по откачке септика с территории, указанной «**Заказчиком**» адрес: Чырак ул Жаны Конуш Жети-Огузского айылного аймака и село Жети-Огуз ул Бейкина Байсеркеева АБЗ,ДСУ завод , Жети-Огузского района Иссык-Кульской области, который оплачивает эти услуги.

根据本合同的规定，《乙方》提供上门服务，《甲方》支付服务费，服务为到指定地点抽吸化粪池的服务，指定地点为：伊塞克湖州杰蒂-奥古兹村杰蒂-奥古兹区的其啦克村新定居点和杰蒂-奥古兹村贝伊基纳 拜瑟尔基耶娃街 搅拌站；

2. Ответственность сторон:
双方的责任

2.1. Стоимость услуги по откачке септика рассчитывается по тарифам согласно постановление «**Заказчиком**»

《甲方》按时支付给《乙方》上门抽吸化粪池的服务费；

2.2. **«Заказчик»** Своевременно извещать **«Исполнителя»** об изменении показателей, необходимых для расчета стоимости услуг откачки септика ;

《甲方》及时通知《乙方》关于抽吸化粪池服务费用变化的信息；

2.3.« **Заказчик**» обеспечивает свободный подъезд и проход к мусоросборникам;

《甲方》提供顺畅便利的道路达到化粪池收集处；

2.4. «**Исполнитель**» имеет право прекратить вывоз откачке септика просрочки оплаты за услуги до погашения задолженности;

在出现未及时付款，直至欠款付清前，《乙方》有权停止抽吸化粪池；

2.5. Стороны несут ответственность за неисполнение или надлежащее исполнение своих

обязательств по настоящему договору в соответствии с действующим законодательством Кыргызской Республики.
根据吉尔吉斯斯坦共和国现行法律，双方有责任对不履行或未完全履行本协议项下的义务负责。

3. Порядок и условия платежей
支付条款和条件

3.1. Стоимость услуг откачке септика рассчитывается по тарифам согласно постановление «**Заказчиком**»
根据本合同，化粪池抽吸服务的费用按照政府法规确定的费率计算，由“甲方”承担付款责任
3.2.«**Заказчик**» обязуется оплатить путем перечисления денежных средств перечислением за оказанные услуги согласно, утвержденных расценок;
《甲方》银行转账的方式支付规定的服务费或现金方式;
3.3 Оплата осуществляется по вывозу когда заполняется септик , абонентская плата плата составляет в сумме 15000 сом (пятнадцать тысяч).
3.3 付款将在化粪池装满时进行，每次抽吸化粪池费总额为 15000 索姆（一万五）。

4. Прочие условия
其它条款

4.1. Настоящий договор составлен в 2-х экземплярах, имеющих одинаковую юридическую силу.
合同一式两份，具有同等法律效力。
4.2.В случае изменения тарифа уведомляет «**Заказчика**» и перезаключает договор.
如费率调整，应通知《甲方》重新签署新合同。

5. РЕШЕНИЕ СПОРОВ
争议

5.1. Любые изменения и дополнения к настоящему Договору должны быть определены обеими сторонами в письменном виде.
本合同的任何变更和补充都应由双方以书面形式确定。
5.2. Все споры и разногласия, которые могут возникнуть между Сторонами, должны разрешаться путем переговоров.
双方的所有争议和异议应协商解决。

6.ДРУГИЕ УСЛОВИЯ
其余条款

6.1. Приложения, подписанные двумя сторонами, являются неотъемлемой частью настоящего Договора.
双方签署的附件为本合同不可分割之部分。
6.2. Условия настоящего Договора остаются неизменными на весь период действия настоящего Договора.
本合同条款在合同期限内不变。
6.3. Этот контракт составлен как на китайском, так и на русском языках. В случае возникновения разночтений или каких-либо несовпадений в смысловом содержании условий настоящего Договора преимущественную силу имеет текст договора на китайском и на русском языках.
本合同以中俄两种语言书写，如合同条款的含义内容发生分歧或不一致，以本合同的中文与俄文文本为准。
6.4. Настоящий Договор составлен в двух экземплярах, имеющих одинаковую юридическую силу, по одному для каждой из Сторон.
本合同一式两份，拥有相同法律效力，双各持一份。

7. ПЛАТЕЖНЫЕ РЕКВИЗИТЫ И ПОДПИСИ СТОРОН

地址、银行账户和双方签字

Заказчик甲方: **Представительство"China Road and Bridge Corporation In Kyrgyzstan"** **Проект «Реконструкции дороги протяженностью 75,2 км на участке Каракол - Барскоон кольцевой автодороги Иссык - Куль в Кыргызстане Lot2 (Km182+860-Km215+827)»** 中国路桥工程有限责任公司 吉尔吉斯伊塞克湖环湖路卡拉科尔-巴尔司空段 75.2 公里道路改建项目 Lot2（Km182+860-Km215+827） Юридический адрес: г. Бишкек, пр. Манаса, 155Б/В 地址：比什凯克市，玛纳斯大街 155Б/В ИНН：40705200210056 税号：40705200210056 Р/сч ：1030120000088039 в 结算账号：1030120000088039 в БИК：103001 银行识别码：103001 Наименование банка: ОАО "Коммерческий Банк "Кыргызстан" 银行名称：吉尔吉斯斯坦商业银行	**Исполнитель乙方:Индивидуальный предприниматель** **Бушуев Александр Сергеевич** 个人经营者 布什耶夫·亚历山大·谢尔盖耶维奇 Юридический адрес: г. Каракол Масалиева 45/1 地址：卡拉科尔市 马萨利耶娃街 45/1 ИНН：22001198300411 税号：22001198300411 Р/сч ：1090620278330121 结算账号：1090620278330121 Наименование банка：ОАО "Оптима Банк" 银行名称："优普蒂玛银行股份有限公司"
ген. Директор:	**Исполнитель:**

Приложение 1

Стандартные условия обеспечения соответствия требованиям

Обе Стороны соглашаются с тем, что положения и условия Стандартных условий обеспечения соответствия требованиям составляют важную часть контракта, заключенного между Сторонами, и обе Стороны должны их соблюдать.

Стороны А: CRBC И.П.

Стороны В: Бушуев А.С.

I. Определение государственного должностного лица

«Государственное должностное лицо», указанное в Стандартных условиях обеспечения соответствия требованиям, имеет широкое определение и включает следующее:

- Должностные лица, служащие, представители правительств и любые другие лица, действующие от имени правительства (или иным образом уполномоченные действовать на основании официальных прав);
- Должностные лица, служащие или представители общественных международных организаций;
- Должностные лица, служащие или представители политических организаций или членов королевских семей, пользующиеся общественными правами; и
- Должностные лица и служащие государственных предприятий, которые являются предприятиями, над которыми правительство или правительства осуществляют, прямо или косвенно, контролирующее или преобладающее воздействие.

II. Соблюдение антикоррупционного законодательства.

[Сторона В] заявляет, гарантирует и обязуется, что в отношении деятельности или сделок, предусмотренных настоящим Соглашением, [Сторона В] и аффилированные лица [Стороны В], дочерние компании, директора, должностные лица, сотрудники, агенты, консультанты, подрядчики, назначенные лица, конечные бенефициарные собственники и акционеры, а также все другие лица или стороны, действующие от имени [Стороны В], прямо или косвенно, не нарушали и не будут нарушать или не будут приводить к нарушению [Стороной А] Уголовного законодательства Китайской Народной Республики, Конвенция Организации Объединенных Наций против коррупции, Конвенция ОЭСР по борьбе с подкупом иностранных публичных должностных лиц при международных деловых операциях (в том виде, в каком она применяется подписавшими ее сторонами) или любой другой применимый закон о борьбе с коррупцией, мошенничеством, сговором или добросовестной конкуренции. (совместно именуемые «Законы о борьбе с коррупцией)». В частности, [Сторона В] заявляет, гарантирует и обязуется, что ни [Сторона В], ни какие-либо из аффилированных лиц, дочерних компаний, должностных лиц, директоров, сотрудников, агентов, консультантов, подрядчиков, назначенных лиц, конечных бенефициарных владельцев и акционеров, а также любое другое

лицо или сторона, действующая от имени [Стороны В], совершила и не будет совершать в течение периода сотрудничества следующее:

А. Любому государственному должностному лицу или любому другому физическому или юридическому лицу, если такие платежи или переводы будут иметь целью или следствием:

I. неправомерное влияние на любое действие или решение государственного должностного лица;

II. Побуждение любого Государственного должностного лица к совершению действия или бездействию, нарушающего законные обязанности этого Государственного должностного лица;

III. Побуждение любого государственного должностного лица к использованию своего влияния напрямую или с местным или иностранным правительством или его органом, чтобы повлиять или воздействовать на любое действие или решение такого правительства или органа; или

IV. Неправомерное содействие [Стороне А] или [Стороне В или соответствующему Дочернему предприятию] в получении или сохранении бизнеса или иным образом в получении любого неправомерного преимущества; или

В. Любому лицу, будь то государственное должностное лицо или нет,

I. С намерением способствовать или вознаградить ненадлежащее исполнение долга или обязательства, которому подлежит лицо; или

II. Со знанием или убеждением, что принятие платежа или ценной вещи само по себе представляет собой ненадлежащее исполнение долга или обязательства лица.

III. Продолжающиеся обязательства

[Сторона В] заявляет и гарантирует, что [Сторона В] и [Стороны В] [аффилированные лица, дочерние компании, директора, должностные лица, сотрудники, агенты, консультанты, подрядчики, назначенные лица, конечные бенефициарные владельцы и акционеры], а также все другие лица или стороны, действующие от имени [Стороны Б] соблюдают и будут соблюдать Антикоррупционное законодательство в течение срока действия настоящего Соглашения.

IV. Участие государственных служащих

За исключением тех, о которых сообщается [Стороне А], [Сторона В] не имеет действующих должностных лиц, директоров, конечных бенефициарных владельцев, акционеров (за исключением акционеров публичной компании для целей настоящего раздела) или сотрудников, которые являются или чьи непосредственные члены семьи являются Государственными должностными лицами, и если ему станет известно о любом таком должностном лице, директоре, конечном бенефициарном владельце, акционере или сотруднике, который становится Государственным должностным лицом, он должен сообщить об этом [Стороне А] в разумные сроки.

V. Никаких секретных средств

[Сторона В] не имеет и не должна создавать или поддерживать какие-либо секретные или незарегистрированные средства, счета или активы (независимо от того, имеют ли они

борьбе с коррупцией в течение всего срока действия настоящего Соглашения.

VI. Сертификация соответствия

В течение (30) дней до каждой годовщины с даты настоящего Соглашения [Сторона В] представляет ежегодный отчет о соблюдении Законов о борьбе с коррупцией.

VII. Возмещение убытков

[Сторона В] обязуется ограждать [Сторону А], ее представителей, должностных лиц, директоров, сотрудников и акционеров от любых убытков и последствий, включая, помимо прочего, любые штрафы, убытки или материальные последствия, которые могут затронуть любое такое лицо или сторону в результате нарушения или нарушения любого из обязательств, принятых на себя [Стороной В] в соответствии с положениями настоящего Соглашения о заявлениях о противодействии коррупции, предписаниях и соглашениях.

VIII. Права на отмену

Согласно надежному источнику информации, включая, помимо прочего, заявление Стороны Б или любое достоверное новостное сообщение, если Сторона Б существенно нарушила соответствующее заявление, предписания и обязательства в приложении о соблюдении антикоррупционного законодательства, можно считать, что Сторона В причастен к существенному нарушению настоящего соглашения. Независимо от того, будет ли Сторона Б осуждена или наказана в связи с каким-либо нарушением антикоррупционного законодательства, Сторона А имеет право расторгнуть соглашение, не неся штрафа или компенсации Стороне Б.

IX. Права на аудит

[Сторона В] ведет все записи, необходимые для подтверждения соблюдения ею [вышеуказанных пунктов]. Получив предварительное уведомление от [Стороны А], [Сторона В] соглашается предоставить разумный доступ ко всем своим счетам, бухгалтерским книгам и записям, связанным с настоящим Соглашением, либо [Стороне А], либо международно признанной аудиторской фирме, назначенной [Стороной А], чтобы позволить [Стороне А] или такой аудиторской фирме рассматривать и проверять такие счета, бухгалтерские книги и записи. Доступ к вышеупомянутым счетам, бухгалтерским книгам и записям, а также любая такая проверка или аудит, проводимый [Стороной А] и назначенной ею аудиторской фирмой, как правило, считаются строго ограниченными объемом работ, указанным в настоящем Соглашении для аудита соответствия. Стоимость любого аудита в соответствии с настоящим пунктом оплачивается исключительно за счет [Стороны А].

X. Расходы

Любые расходы, понесенные [Стороной В] в ходе выполнения работ для [Стороны А], как это предусмотрено настоящим Соглашением, полностью несет [Сторона В], если только они не

одобрены [Стороной А] заранее и полностью не подтверждены надлежащей документацией.

XI. Уведомление о расследовании:

10. [Сторона В] соглашается немедленно уведомить [Сторону А], если ей станет известно, что в отношении нее ведется расследование со стороны любого правоохранительного или регулирующего органа, государственного органа, международного учреждения, биржи ценных бумаг или неправительственной организации, связанной с любой деятельностью в соответствии с настоящим Соглашением; кроме того, [Сторона В] немедленно сообщит [Стороне А], если ей станет известно о каком-либо расследовании, проводимом каким-либо правоохранительным или регулирующим органом, государственным органом, международным учреждением, биржей ценных бумаг или неправительственной организацией, связанная с антикоррупционным законодательством, независимо от того, связано ли ее проведение с настоящим Соглашением.

Горячая линия для консультаций: 0086-10-82016267

Электронная почта: compliance@ccccltd.cn

ПОДПИСЬ И ПЕЧАТЬ（**Стороны В**）：

附件 1

合规保护标准条款

双方同意，本合规保护标准条款构成双方之间订立的合同的重要组成部分，双方应共同遵守本条款。

甲方：中国路桥工程有限责任公司

乙方：处

一、 公务人员的定义

本合规标准保护条款中的"公务人员"应做宽泛解释，但至少应包括下列含义：

（一）政府的官员、雇员、代表以及代表政府或者经公共权力授权行事的人士。

（二）国际组织的官员、雇员和代表。

（三）行使公共权力的政治组织的官员、雇员、代表，或皇室成员。

（四）公共企业，即，政府直接或间接控制或施加决定性影响力的企业的官员及雇员。

二、 遵守反腐败法律

乙方在此声明、保证及承诺，与本协议项下进行的活动或交易相关的乙方及乙方的关联公司、子公司、董事、高级管理人员、雇员、代理、顾问、承包商、受托人、最终受益人和股东，及所有直接或间接代表乙方行事的个人及相关方，过去未曾、将来亦不会违反，或致使甲方违反《中华人民共和国刑法》、《联合国反腐败公约》、《经济合作与发展组织关于打击国际商业交易中行贿外国公职人员行为的公约》，及业务所在国的反腐败、反欺诈、反串谋及公平竞争法律、法规及规则等（合称"反腐败法律"）。乙方特此声明、保证及承诺：乙方及乙方关联公司、董事、高级管理人员、雇员、代理、顾问、承包商、受托人、最终受益人和股东，及所有代表乙方行事的个人及相关方，过去未曾及合作期间亦不会发生以下行为：

（一） 为如下目的给予或承诺给予公务人员、个人或实体任何利益：

1.不当影响公务人员的行为或决定；

2.诱使公务人员违反其法定职责从而作为或不作为；

3.诱使公务人员直接通过其个人影响力，或通过其对国内外政府或政府部门的影响力，影响该政府或政府部门的行为或决定；

4.协助乙方、甲方或甲方关联方不当获得或保持商业机会或使其获得不当优势。

（二）为如下目的给予或承诺给予个人任何利益，无论其是否为公务人员：

1.意图使该个人不当履行其应尽的职责或义务；

2.知悉或相信该个人接受利益即构成不当履行其应尽的职责或义务。

三、 持续义务

乙方在此声明并保证：乙方和乙方的关联公司、董事、高级管理人员、雇员、代理、顾问、承包商、受托人、最终受益人和股东，及所有代表乙方行事的个人及相关方，在本协议有效期内均会遵守反腐败法律的相关规定。

四、 公务人员参与

除已向甲方披露的情形外，乙方现有的高级管理人员、董事、最终受益人、股东（此处不包括上市公司的股东）及雇员均非公务人员，其直系亲属亦均非公务人员；若发现上述高级管理人员、董事、最终受益人、股东或雇员成为公务人员时，乙方应在合理时间内通知甲方。

五、 无私设资金

在本协议有效期内，乙方不会因为接受反腐败法律所禁止的支付，或为便利反腐败法律所禁止的其他行为，而设立或保有秘密或账外资金、账户或资产，无论其是否与本协议下拟进行的交易相关。

六、 合规声明

自本协议签署之日起，每满一年之前30天内，乙方应提供其遵守反腐败法律的年度合规声明。

七、 赔偿

乙方承诺：甲方及其代表、高级管理人员、董事、雇员及股东不承担因乙方违反本附件项下反腐败陈述、保证与承诺而造成的损失及后果，包括但不限于罚金、损失赔偿金或上述个人或相关方的经济损失。

八、 终止权

根据可靠消息来源，包括但不限于乙方陈述或有正当来源的新闻报道，如乙方已实质性违反其在本附件中的遵守反腐败法律的相关陈述、保证与承诺，则视为乙方实质违反本协议。无论乙方是否因为违反反腐败法律而获罪或受到其他惩罚，甲方都有权终止本协议，且无须为此承担罚金或对乙方支付赔偿。

九、 审核权

乙方应保留所有必要记录以证明其遵守本附件规定。乙方同意，经甲方事先通知，甲方或甲方指派的审计事务所可查阅或审核乙方与本协议履行相关的会计账簿和记录。甲方及其指派的审计事务所对前述会计账簿和记录的查阅或审核应严格限于本协议所述工作范围，且应仅为合规审核目的。本条所列审核费用应由甲方独立承担。

十、 费用

乙方履行本合规保护标准条款项下义务所产生的成本及费用应完全由乙方承担，甲方事先同意承担的除外。

十一、 调查通知

乙方同意，如其发现其因与本协议相关的行为正被执法或监管机关、政府机构、国际组织、证券交易所或非政府组织调查，应立即通知甲方；此外，如乙方发现其因违反反腐败法律而正被执法或监管机关、政府机构、国际组织、证券交易所或非政府组织调查，无论被调查行为是否与本协议相关，应立即通知甲方。

咨询举报热线：0086-10-82016267

咨询举报邮箱：compliance@cccltd.cn

签字并盖章（乙方）：