

Site Visit Report and Photolog

This report provides an overview of the site visit conducted from 8-11 July by WSP's local experts Abat Amankul and Yuliya Allakhverdiyeva of the Kazakh company Green Operating LLP for the purpose of performing a social survey in the Project area and its surrounding villages. The report encompasses a photographic log, the detailed site visit schedule, and the key findings observed during the visit.

DAY 1 – 8 July 2024

Coordination meeting in Ulken Village



Upon arriving in the village of Ulken, a coordination meeting took place in the conference hall of the hotel “Vostochka” from 13:00 to 17:30. This meeting included representatives from TotalEnergies (TE), IAF, Green Operating, and the laboratory team from Ecoservice-S. The session commenced with Abzal Mukhtarbekov from TE providing a briefing on HSE Induction and Training. Subsequently, a collaborative discussion led to the agreement on a route for August 9, aimed at collecting groundwater samples, noise measurements and radiation survey (IAF) by

the WSP team. Additionally, the route for the social survey was deliberated upon with Dmitry Khitsenko from TE, incorporating his suggestions into the finalized plan for the survey:

Team 1: Yuliya Allakhverdiyeva (WSP), supported by Marat Amirseitov and Abzal Mukhtarbekov (TE):

06:30 – 07:00: Travel from Ulken in Shyganak Village.

07:00 – 07:30: Social survey in Shyganak Village.

08:00 – 09:30: Social survey in Kiyakty Village.

10:00 – 16:00: Engagement in various activities in Mirny Village, including a meeting and public consultation at the akimat with stakeholders, a desktop document review, and a social survey.

16:00 – 16:30: Social survey in Sholpan Village, including a visual assessment of an active quarry and uranium mine at the vicinity of the village.

16:30 – 18:00: Social survey of herders in the project area and surrounding vicinities, focusing on pre-determined areas such as the Shu Meteomast area and Mirny Camp area.

18:00 – 19:30: Travel back to Ulken Village.

Team 2: Abat Amankul (WSP) with Lab Team:

06:30 – 09:00: Travel from Ulken to Project area.

09:00 – 17:00: Social survey of herders in the project area and surrounding vicinities, including the Shu Meteomast area, Mirny Camp area, 27 km Sapun Hill area, and projected overhead line and road crossing areas.

17:00 – 18:30: Travel back to Ulken Village.

To ensure efficient travel according to the established plan, the following Social Survey Areas have been designated for tracking:

Social Survey Area 1 – Shyganak Village

Social Survey Area 2 – Kiyakty Village

Social Survey Area 3 – Mirny Village

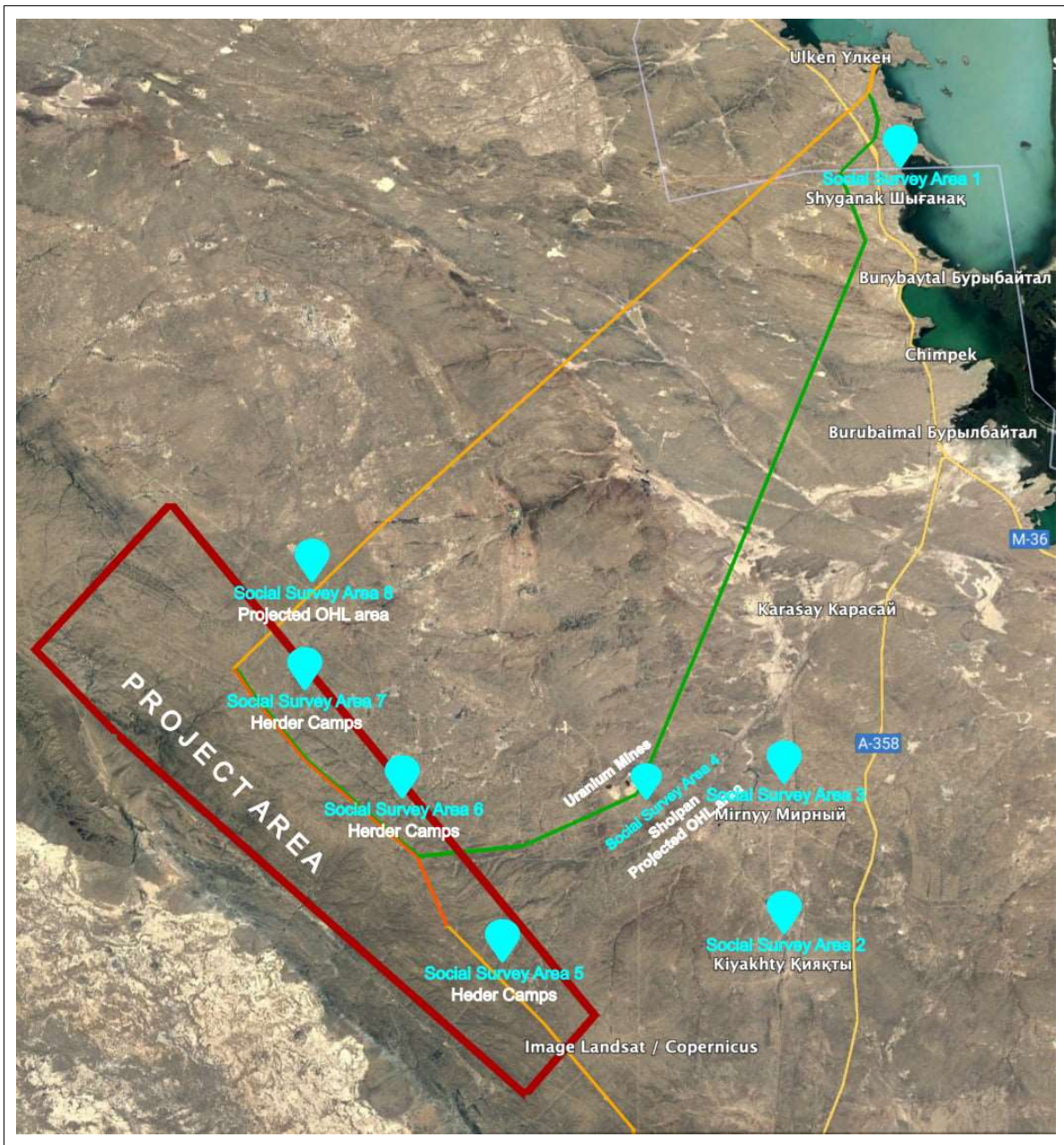
Social Survey Area 4 – Sholpan Village, surrounding Uranium Mines and proposed Road area

Social Survey Area 5 – Meteomast Shu Area and Herders Camps

Social Survey Area 6 – Proposed Mirny Camp Area and Herders Camps

Social Survey Area 7 – Herders Camps

Social Survey Area 8 – Proposed Overhead Line (OHL) area



DAY 2 – 9 July 2024

Social Survey Area 1 – Shyganak Village



At 7:00 a.m., Yuliya Allakhverdiyeva from WSP, accompanied by Marat Amirseitov and Abzal Mukhtarbekov from TE, commenced their early morning activities in Shyganak Village. Their agenda included visits to two roadside businesses: a car service shop and a cafe. During these visits, they engaged with the business owners to gather insights and data. The discussions focused on understanding the social dynamics and issues pertinent to the local community.

In the evening, the team returned to Shyganak, making a brief stop at a local shop where they observed that the village is relatively large. Despite the minimal impact of the Project on Shyganak, the team met with the village akim to inform him about the ongoing Project. The akim acknowledged his prior awareness of the Project and expressed readiness to offer any necessary assistance. He mentioned that just today, five individuals approached him after being released from a road construction Project, seeking employment opportunities. This underscores the local community's need for job opportunities, which the Project could potentially address.

Social Survey Area 2 – Kiyakty Village



The team made a subsequent stop at Kiyakty, a village with a population of approximately 80-90 residents. Although initially confused, the villagers expressed positive sentiments about the proposed windfarm Project. The team awaited the arrival of a local activist, known for initiating the construction of the village mosque and playing a pivotal role in the community. The activist requested a formal meeting with the village elders to discuss the Project in detail. He emphasized that the community would support the windfarm as long as it posed no harm. Additionally, the villagers voiced their concern about the persistent issue of water scarcity, highlighting a critical area for potential intervention and support from the project.

Social Survey Area 3 – Mirny Village



The team then proceeded to Mirny for a meeting organized by the akimat, which was attended by 20 individuals, including akimat staff, local activists, business owners, retirees, and unemployed residents. During the meeting, each participant was engaged in discussions about the project. The general sentiment was positive, with attendees expressing optimism about the potential job and business opportunities the project could bring to the community. However, two primary concerns were highlighted: inadequate mobile coverage and insufficient supply of drinking water.

Following the meeting, the team conducted additional interviews with various community members, including the hotel owner, shop owner, local ambulance driver, and numerous residents by visiting their homes. Throughout the visit, over 50 individuals were surveyed, providing an understanding of the community's perspectives and needs.

Social Survey Areas 4-8 Herder Camps at Project Area



During the site visit to the project area, over ten herders were interviewed to gain insights into their perspectives on the proposed wind farm project. The majority of these herders are self-employed, renting land independently, while some are employed by larger operations. The landowners, primarily based in Almaty, expressed that they do not have concerns about the project, provided that conditions such as the restoration of water wells are upheld post-implementation.

One landowner, who was present on-site, confirmed his lack of objections to the project and indicated his willingness to relocate if necessary. This underscores the importance of continuous communication and coordination with the Moiynkum akimat as the project advances. Ensuring all stakeholders are informed about the final locations of the wind turbines will be crucial in addressing any potential impacts on local herding activities and maintaining positive relations with the community.

Additionally, while en route to the herders' camp, the team encountered an inspection team from OkhotZooProm. The Chief Inspector of the Moiynkum district was interviewed and stated that he had no objections to the project, provided there were no severe environmental impacts and that it created new job opportunities in the region.

DAY 3 – 10 July 2024

The planned route for the social survey of the projected overhead lines that lays near existing 500 kV, which starts from the YUKGRES substation in Ulken Village and ends at the Shu Substation near Shu Town, following the existing paved road **A-358**. During the second day of the survey, it was identified that Khantau Village is a socially sensitive area, likely to provide future workers. A meeting at the Moiynkum akimat was scheduled to discuss the project with the district akim and the land management department. The survey team consisted of two cars, including WSP's Abat Amankul and Yuliya Allakhverdiyeva, supported by TE's Marat Amirseitov, Kairat Seitkaliyev, and Abzal Mukhtarbekov. Following schedule was developed:

06:30 – 08:00: Travel from Ulken in Shyganak Village.

08:00 – 09:30: Social survey in Khantau Village, including a meeting with local akimat employees and residents.

09:45 – 10:15: Social survey at the road crossing with the 500 kV OHL on the route to Moiynkum Village.

10:30 – 12:00: Activities at Moiynkum Akimat, meeting with the Akim, business development department, and land management department.

12:45 – 13:15: Social survey at another road crossing with the 500 kV OHL on the route to Shu Town.

15:45 – 16:30: Visit to Shu Substation, including a meeting with the chief engineer and a walkthrough of the substation.

17:45 – 18:30: Social survey in Kenes Village, the only village crossed by the projected OHL in the vicinity.

18:30 – 20:00: Travel back to Ulken Village.

20:00 – 20:30: Social survey in the vicinities of Ulken Substation.

Following Social Survey Areas have been designated for tracking:

Social Survey Area 9 – Khantau Village

Social Survey Area 10 – first 500 kV and road cross

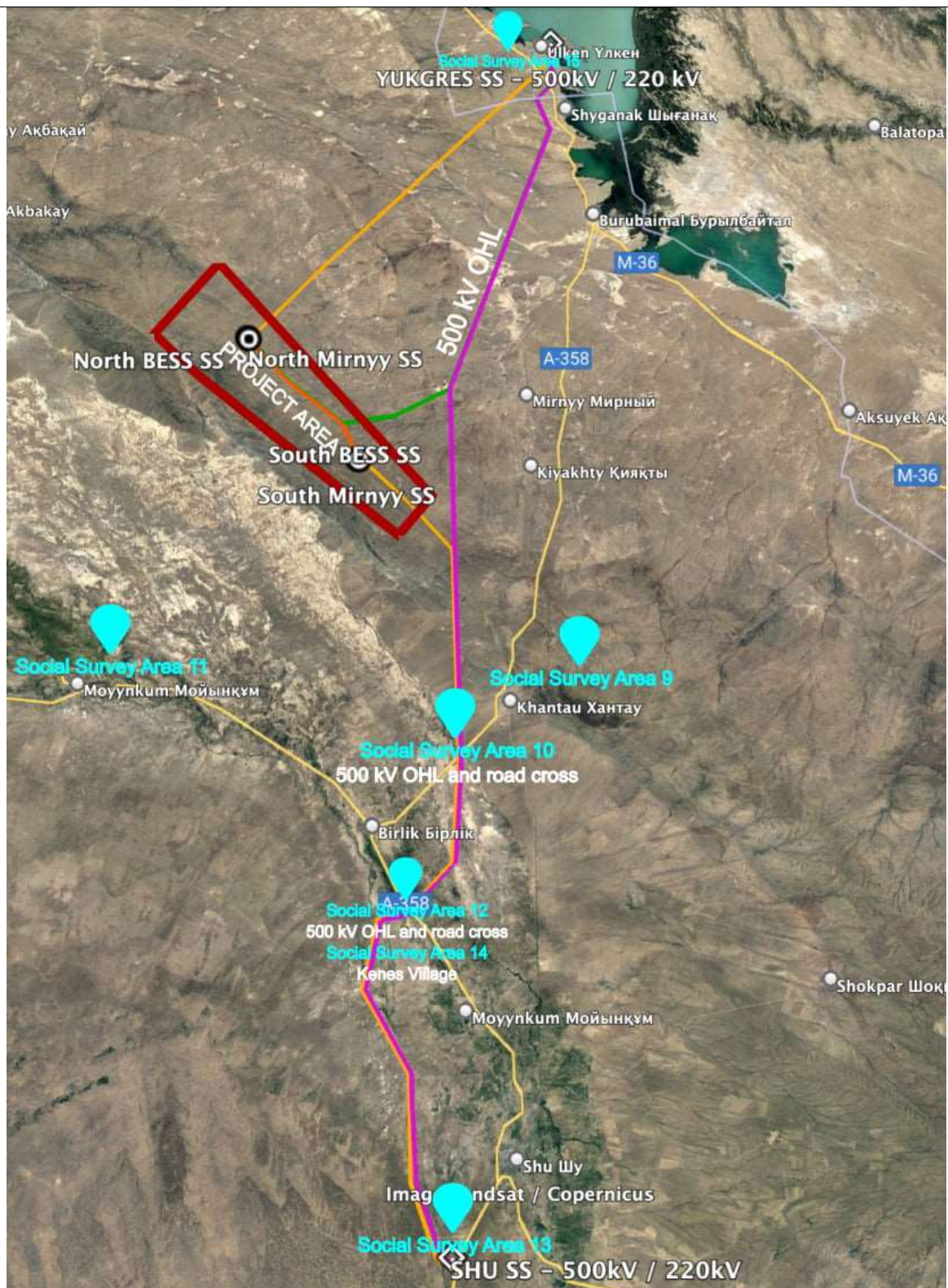
Social Survey Area 11 – Moiynkum Village (meetings at akimat)

Social Survey Area 12 – second 500 kV and road cross

Social Survey Area 13 – Shu Substation (meeting with chief engineer)

Social Survey Area 14 – Kenes Village

Social Survey Area 15 – YUKGRES substation area in Ulken Village



Social Survey Area 9 – Khantau Village



During the visit to Khantau Village, a meeting was held with local akimat employees to discuss the development of a wind power plant near Mirny. Interviews with random residents revealed that they were not previously aware of the upcoming construction. However, their responses were generally positive, with many expressing optimism about the potential economic benefits and job opportunities that the project could bring to the community.

Social Survey Area 10 – first 500 kV and road cross



The team made a stop at the crossing point of the 500 kV overhead line at the A-358 road to conduct a visual assessment of the area. The assessment revealed that there were no people or settlements present in the vicinity.

Social Survey Area 11 – Moiynkum Village (meetings at akimat)



The meeting took place at the administrative center of Moynkum district in Moynkum village. During the visit to the akimat, the WSP team interviewed the interim akim Mr. Sabit Tulegenov and the head of the land management unit Mr. Yeldar Kokushev. Mr. Tulegenov expressed a positive outlook on the project and discussed the local economy, social issues, and business environment. Also he shared local grievance redressal mechanisms via social networks, providing key social network pages. The business development specialist of Akimat outlined the local business development strategy, while the head of land management Mr. Kokushev provided insights into land management practices and land plot allocation in the district.

Social Survey Area 12 – second 500 kV and road cross



The team made another stop at a second crossing point of the 500 kV overhead line along the A-358 road on the route to Shu Town for a visual assessment. This evaluation identified Kenes Village as the closest settlement to this crossing point. The stop was made in this village on return from the Shu Substation.

Social Survey Area 13 – Shu Substation (meeting with chief engineer)



The team visited the Shu Substation to meet with the Chief Engineer Mr. Chingiz Jumabekov. During the visit, he conducted a tour of the substation and was interviewed about key social and organizational issues. The discussion focused on the transition to reserved cells and the construction of new overhead lines from the project area. He also provided valuable insights into the operational and logistical aspects of these changes, highlighting the potential impacts and benefits for the local infrastructure and community.

Social Survey Area 14 – Kenes Village



The team visited Kenes Village to survey local residents about the construction of a new overhead line (OHL) in addition to the existing one near the village. The nearest point to the residential area is approximately 500 meters. The interviewed residents and workers at the local medical unit were largely unaware of the existing OHL system nearby.

Social Survey Area 15 – YUKGRES substation area in Ulken Village



The stop was made near the YUKGRES substation in Ulken Village to interview residents about the potential impacts of the wind power plant construction. The interviewed villagers expressed no concerns regarding the construction process. Instead, they provided positive feedback, showing support for the development of the wind power plant and its anticipated benefits to the community.

DAY 4 – 11 July 2024

Meeting with OkhotZooProm in Kanshengel Village



Following schedule for Day 4 was developed:

9:00 – 11:00: Travel from Ulken Village to Kanshengel Village to meeting with OkhotZooProm

11:00 – 14:00: Meeting with OkhotZooProm

14:30: WSP team leaves to Almaty

Meeting outcomes:

A meeting with OkhotZooProm took place in Kanshengel Village, 180 km from Ulken Village on the route to Almaty. During the meeting, Sergey Orlov, Deputy General Director of RGKP "PO OkhotzooProm" (OZP), suggested exploring alternative sites for the wind power plant, marking them on the map. However, TE's Ilya Chernodarov explained that due to specific wind conditions, there were no viable alternative sites. He emphasized the importance of maintaining the current location for optimal electricity production, supported by a wind resource map.

Representatives from OZP highlighted that the proposed project area is a protected habitat for species such as argali, expressing concerns about environmental impacts and stressing the need for compensatory measures. Sergey Sklyarenko from ACBK proposed measures to preserve migration corridors for argali, including biodiversity conservation, monitoring systems, and providing water sources. Both Chernodarov and Sklyarenko agreed on the necessity of these measures. All parties resolved to continue discussions on-site, develop comprehensive compensatory measures, and draft a Cooperation Agreement between TotalEnergies and OZP. Further discussions are scheduled for the end of August 2024.

The local experts Abat Amankul and Yuliya Allakhverdiyeva of the Kazakh company Green Operating LLP prepared the Minutes of Meeting.



wsp.com