UNDAI RIVER DIVERSION

OUR COMMITMENT:

• Ensure the Undai river diversion maintains downstream flows for herders and wildlife
• Rehabilitate the local area to protect habitat and grazing land
• Replace the Bor-Ovoo spring, located within the diversion zone and close to the open pit mine.

OUR IMPACT:

• Impact on the 6.8 kilometre section of the Undai river where it crosses Oyu Tolgoi’s open pit mine and waste rock dump
• Loss of the Bor-Ovoo spring.

OUR PLAN:

PROTECT THE SURFACE FLOWS IN THE UNDAI RIVER:

• Implement a detailed diversion that will ensure the least impact on the local community and ecosystem, based on detailed hydrological studies and engineering designs
• Divert the river to capture natural water that exists in the river sediments upstream of the open pit mine and waste rock dump and return water downstream of the mine to the river sediments
• Design the diversion so when floods occur water will return to the Undai river downstream of the mine via an adjacent valley
• Establish barriers at upstream and downstream ends of the diversion to ensure that all river waters are isolated from the open pit mine
• Monitor water levels and quality in downstream wells to gauge the effectiveness of the Undai river diversion.

DEVELOP A NEW SPRING:
• Create a replacement Bor-Ovoo spring downstream of the mine, which is being moved as part of the Undai river diversion, to provide a sustainable water supply to herd animals and wildlife
• Design the replacement spring so it has similar characteristics to the original spring, providing a sustainable source of water for wildlife, herders and their livestock
• Continue ongoing consultation and implement participatory monitoring to ensure the effectiveness of the replacement spring, and the full mitigation of any potential impacts.

SEEK GOVERNMENT AND COMMUNITY APPROVAL:
• Completed consultation with the local impacted community
• Continue to work with the relevant Mongolian authorities and the community to get related permits and full approval for the diversion
• Continue to engage the local community for feedback.

For more examples and details, please see the Water Management Plan in the Environmental and Social Impact Assessment (ESIA).
The ESIA is available at www.ot.mn and in the following public locations:
• Oyu Tolgoi Offices in Khanbogd, Manlai, Bayan-Ovoo, and Dalanzadgad
• Khanbogd: Ceremonial House (Yosloliin Urguu)
• Manlai: Information Hall, Governor’s Office
• Bayan-Ovoo: Secondary School
• Dalanzadgad: Central Library and the Citizen’s Hall
• Ulaanbaatar: Oyu Tolgoi Information Centre.