

Administration of Rosprirodnazor
(Federal Service for Supervision of Natural Resource Usage)
of Sakhalin Region

Photo-supplement attached to Act 01/22-LK:
Scheduled review of the fulfillment of legislation requirements
by LLC “Starstroj” during the construction of the main
pipelines for “Sakhalin II” project in the Makarov District
of Sakhalin Region

July 26, 2007



A general view of work during the laying of the gas pipeline in the area of the river-crossing over Krinka River. The location of the river-crossing is at KP 348.5. The Krinka River is a reservoir of the highest (special) category in terms of fisheries value; the area for salmon spawning that was in range of the river-crossing until the start of construction consisted of 315 m².



Left shore of the Krinka River, river valley slope. Active erosion processes on the pipeline route. Excavation in this section has been going on since 2005, although anti- erosion measures on the slope have been absent during this entire time.





Right shore of the Krinka River. Disposal of easily-eroded waste construction soil on the protected shoreline zone of the river.



Right shore of the Krinka River. Roadside ditches along the access road, which drain into the river.



Right shore of the Krinka River, below the pipeline river-crossing. A large amount of sludge sediments on The protected shoreline zone, which is overflowing the projective screens. Unauthorized occupation of the forest in a water-protection zone, beyond the right-of-way.



Right shore of the Krinka River, below the pipeline river-crossing. Running soil flows through the destroyed anti-sludge screens into the river.



Krinka riverbed in the range of the gas pipeline crossing. July 25, 2007. In violation of the requirements of the project and responsibility of the company "Sakhalin Energy," the riverbed, where spawning grounds used to be located, the backfill consists of crushed stone instead of pebbles or gravel. In the center of the photograph sludge sediments are already visible above the crushed stone backfill. The presumed source of the sediments is the access road and the waste construction soil from the upstream pipeline route.

This photo was taken from the roadbed



July 25, 2007. A mudflow about 100 meters in length, flowing down from the pipeline route along a forested slope of a mountain down to the access route, in a section that is adjacent to the right shore of the Krinka River.



A car on the road.



July 25, 2007. A section of the Krinka River watershed and its right tributary (Left Krinka), downstream from the pipeline route. A pile of waste construction soil that was extracted from the pipeline route, beyond the right-of-way. Despite the terracing of the slope and planting of grass, erosion is beginning on the pile.





July 25, 2007. Un-numbered stream, right tributary of the Krinka River of the 1st order, a reservoir of the highest (special) category in terms of fisheries value. The area for salmon spawning in range of the river-crossing until the start of construction consisted of 44 m². The location of the river-crossing is at KP 349.18. In the background on the right one can see a length of gas pipeline that is ready to be buried. In the background on the left is erosion wash-out



Un-numbered stream, right tributary of the Krinka River. KP 349.18. The bridge does not correspond to design requirements or matching conditions. The bridge supports have been built in the streambed. Waste construction soil is slipping into the streambed and being eroded by the water.



Un-numbered stream, KP 349.18. Upstream from the temporary bridge. Running soil from the pipeline route is slipping into the riverbed. Bank stabilization and anti-sludge screens are absent.



Un-numbered stream, KP 349.18. Downstream from the temporary bridge. Bank stabilization and anti-sludge screens are absent. As a result of the wash-out displaced into the stream and the slipping waste construction soil, the downstream water is very contaminated.



Un-numbered stream, KP 349.18. Upstream (upper photo) and downstream (lower photo) from the temporary bridge. Anti-sludge screens are destroyed and have not been repaired.





Petrovskii Stream, KP 351.1. A general view of the pipeline route stream-crossing. Anti-sludge screens and bank-stabilizers are absent. Erosion wash-outs are visible in the foreground.



Petrovskii Stream, KP 351.1. The bridge does not correspond to design requirements and matching conditions. Waste construction soil is entering the streambed and contaminating the water.



A section adjacent to the right-of-way, KP 350.6. Excavation of earth beyond the right-of-way, the destination of which the representatives of natural resource users could not explain.



Un-numbered stream, tributary of Krinka River of the 2nd order. KP 350.0. The culvert does not correspond to design requirements and matching conditions. The hydrological process of the water flow has been disrupted. Waste construction soil is entering the streambed and contaminating the water.