

PHOTOGRAPHS

Photo 1	Working platform foundation snow clearing, view from Station 1+225
Photo 2	Placing Type H material on upstream working platform and Type A material on downstream
Photo 3	Compacting a lift of Type H material on upstream working platform, view from Station 1+280
Photo 4	Key trench excavation, view from Station 0+550
Photo 5	Key trench bottom final dental cleaning prior to Type F placement, view from Station 0+585
Photo 6	Key trench excavation – Massive ground ice on upstream slope being excavated
Photo 7	Placing Type F material along key trench bottom around Station 0+470
Photo 8	Compacting Type F material placed between Stations 0+450 and 0+475
Photo 9	Placing Type F material on top liner from hinge point to Elevation 64.7 m, view from 1+210
Photo 10	Upstream fillet zone construction – Placing a lift of Type C material, view from Station 1+570
Photo 11	Placing Type F downstream fillet material on liner, view from Station 0+050
Photo 12	Compacting a lift of Type K material placed on key trench base, view from Station 0+250
Photo 13	Placing and compacting a lift of transition material in the key trench, view from 0+200
Photo 14	Placing transition material and compacting downstream 20 mm minus fillet zone
Photo 15	Placing and compacting a lift of Type A downstream shell, view from Station 1+360
Photo 16	Sloping Type A downstream shell from Elevation 66 m to final elevation (~67 m)
Photo 17	Type H material placement and compaction activities; view from Station 1+300
Photo 18	Compacting a lift of Type H material, view from Station 1+250
Photo 19	Deploying Phase 1 liner (within the key trench) from Station 0+522 to 0+532
Photo 20	Looking at Phase 1 liner placed between Station 0+545 and 0+585
Photo 21	Previously placed Phase 2 liner that was welded to Elevation 66 m being flipped
Photo 22	Placing downstream materials (Types A1, B, and C) to final elevation, view from 1+500
Photo 23	Phase 2 liner flipped back on downstream materials and welded to design elevation
Photo 24	Mucked out north water collection channel, view from Station 4+050
Photo 25	Compacted Type A material along North water collection channel alignment
Photo 26	Placing transition material (150 mm minus) on geotextile along North channel
Photo 27	Finalizing construction on South collection channel, view from Station 4+200
Photo 28	Mucking Sump Area
Photo 29	Completed Sump
Photo 30	Installing HGTC-4, cable being inserted in 25 mm ID PVC pipe lying on liner
Photo 31	HGTC-2 is in the 25 mm I.D. PVC pipe shown – Terminal out of the key trench
Photo 32	Arrows pointing at terminals for HGTC-3 and HGTC-4
Photo 33	VGTC-1 Installed prior to finishing details
Photo 34	Drilling to install VGTC-3

Photo 35	Survey Monuments M-1, M-2, and M-3
Photo 36	Densometer test on final lift of Type C material on upstream fillet at Station 0+560
Photo 37	Modified sand cone test on final lift of Type C material on upstream fillet at Station 0+560
Photo 38	Compaction test on a lift of Type H material around Station 1+565
Photo 39	Type F material swell test before adding water
Photo 40	Type F material swell test after adding water
Photo 41	Compaction test on a lift of Type K material placed between Station 0+200 and 0+310
Photo 42	Jar tests on Samples SA134 to SA138 before thaw
Photo 43	Jar tests on Samples SA134 to SA138 after thaw
Photo 44	Tensile resistance samples cut from test weld strip
Photo 45	Tensile resistance test running
Photo 46	Trowel test and visual inspection along a welded liner seam
Photo 47	Liner Patch R3 on Panel #47 being surveyed and tested with ultrasonic device
Photo 48	Punctures caused by flying rock on Top Liner; Station 1+320
Photo 49	Close look at one of the punctures on Top Liner, Station 1+320
Photo 50	Top Liner punctured by excavator while placing Type C material, Station 1+040
Photo 51	Patch completed on puncture Top Liner at Station 1+040
Photo 52	Coletanche ES3 liner panels in shipping/storage sea can
Photo 53	Deformed Coletanche ES3 liner panel pulled out of shipping/storage sea can
Photo 54	Excessive wrinkling on Liner Panels 63 to 66
Photo 55	Finalizing Patches R4, R5, and R6
Photo 56	Water ponding at under liner hinge point, view at Station 1+390
Photo 57	Water breach over Type H upstream material on working platform
Photo 58	View of completed DiKE D-CP1 from Station 1+585 facing downstream side
Photo 59	View of completed DiKE D-CP1 from Station 1+585 facing upstream side



Photo 1: Working platform foundation snow clearing
View from Station 1+225 facing up chainage



Photo 2: Placing Type H material along the upstream working platform, Type A material on downstream side
View from Station 1+300 facing down chainage



Photo 3: Compacting a lift of Type H material on up stream working platform
View from Station 1+280 facing down chainage



Photo 4: Key trench excavation activities
View from Station 0+550 facing down chainage



Photo 5: Key trench bottom and slopes final dental cleaning prior to Type F placement
View from Station 0+585 facing down chainage



Photo 6: Key trench excavation—massive ground ice on the upstream slope being excavated
Between Station 0+492 and 0+507



Photo 7: Placing Type F material along key trench bottom around Station 0+470



Photo 8: Compacting Type F material placed between Stations 0+450 and 0+475