

Table A Pre-Closure versus Post-Closure Surface Water Monitoring Stations

Station	Location Description	Included in Post-Closure Monitoring Program?	Rationale/ Station Category
MH-01A	Tailings Pond Outflow - discharge from the tailings pond, through the decant tower, to the reclaim pond	N	Decommissioned as part of site closure/reclamation
MH-01B	Tailings Pond - to be monitored as an alternative to MH-01A only if there is no discharge	N	Decommissioned as part of site closure/reclamation
MH-02	Tailings North Dam Seepage - water accumulating within the seepage collection system located immediately below the downstream face of the north tailings dam	Y	AMP Loading Source Station
MH-03	Camp Creek Pond Outflow - discharge from a sedimentation pond developed on Camp Creek which drains the Jewelbox 1250 Portal and Main Waste Dump	N	Decommissioned as part of site closure/reclamation
MH-04	Located 0.5 km downstream of Camp Creek headwaters above the former Reclaim Pond.	Y	AMP Indicator Station
MH-05	Portal Creek - a small intermittent stream which drains the East face of Jewelbox Hill, immediately below the 1450 exploration portal, to False Canyon Creek; discharge from a sedimentation pond, located immediately above the mine access road servicing the portal, Jewelbox Waste Dump and mill site drainage located immediately above the mine access road.	N	Decommissioned as part of site closure/reclamation
MH-06A	Reclaim Pond Outflow - discharge from the reclaim pond through the overflow spillway	N	Decommissioned as part of site closure/reclamation
MH-06B	Reclaim Pond - To be monitored as an alternative to MH-06A only when there is no discharge from the reclaim pond	N	Decommissioned as part of site closure/reclamation
MH-07	Reclaim Pond Seepage - water accumulating within the seepage collection system located immediately below the downstream face of the reclaim pond	N	Decommissioned as part of site closure/reclamation
MH-08	Burnick Creek - a small intermittent drainage south of the Burnick Zone area, on Burnick Creek, upstream of the confluence with North Creek near the access road, to monitor drainage from a proposed pit, portals, sedimentation pond outflow, and access road runoff. No open pit mining was conducted in the Burnick Zone area.	N	Replaced with MH-12 as a Compliance Point.
MH-09	Burnick West Pond Outflow - discharge from a small sediment pond, which collects drainage from the west and north faces of the Burnick Dump and drains to the upper end of Tributary E, west fork, of False Canyon Creek	N	Decommissioned as part of site closure/reclamation
MH-10	Burnick East Pond Outflow - discharge from a small sediment pond, which collects drainage from the east face of the Burnick Dump, to a branch of Tributary E, west fork, of False Canyon Creek	N	Decommissioned as part of site closure/reclamation
MH-11	Camp Creek - mainstem 2 km downstream of the Reclaim Pond.	Y	Compliance Point
MH-12	Tributary E East Fork – of False Canyon Creek, approximately 2 km downstream of the north tailings dam, above confluence with a small tributary flowing north from a small lake through a swamp which is located approximately 2 km east of the tailings pond.	Y	Compliance Point
MH-13	False Canyon Creek - located approximately 10km downstream of the mine site and Reclaim Pond and 2 km downstream of MH-30 on the main stem of False Canyon Creek.	Y	AMP Indicator Station
MH-14	False Canyon Creek, 20km downstream of Reclaim Pond, upstream of Tributary E confluence	N	Replaced with MH-12 as a Compliance Point and MH-13 as an AMP Indicator Station
MH-15	Tributary E West Fork, upstream of Tributary E East Fork confluence, approximately 6 km downstream of the North Hill development	Y	Reference Station
MH-16	Main channel of False Canyon Creek - located downstream of the confluence with Tributary D, approximately 22 km downstream of the reclaim pond and therefore captures the combined water quality features of Camp Creek, Portal Creek, Burnick Creek and Tributary E East and West Forks.	N	Replaced with MH-13 as an AMP Indicator Station.
MH-17	Unnamed tributary of False Canyon Creek, upstream of MH-14	N	Unnecessary Reference Station
MH-18	On the lower end of Tributary E, west fork, upstream of the confluence with Tributary E, east fork, approximately 6 km downstream of the North Hill development	N	Replaced with MH-15 as an AMP Indicator Station and MH-12 as a Compliance Point. <i>Note: this station has not been sampled due to lack of access.</i>
MH-19	On the main channel of False Canyon Creek, approximately 4 km downstream of the Tributary D confluence	N	Replaced with MH-12 as a Compliance Point and MH-13 as an AMP Indicator Station <i>Note: this station has not been sampled due to lack of access.</i>
MH-20	On the main channel of False Canyon Creek, approximately 13 km upstream of the mouth and immediately above the Tributary B confluence	N	Replaced with MH-12 as a Compliance Point and MH-13 as an AMP Indicator Station
MH-21	On Tributary B, above confluence with the main branch of False Canyon Creek	N	Unnecessary Reference Station
MH-22	Burnick 1200 Portal discharge, the end of pipe discharge point into the North Hill Settlement Basin	Y	AMP Loading Source Station
MH-23	North Creek immediately downstream of the impoundment	N	Replaced with MH-12 as a Compliance Point
MH-24	The east tributary that joins False Canyon Creek just downstream of MH-13	N	Unnecessary Reference Station <i>Note: this station has not been sampled due to lack of access.</i>
MH-25	The Main Zone 1380 Portal discharge	N	Decommissioned as part of site closure/reclamation
MH-26	Tributary D, upstream of confluence with False Canyon Creek	N	Unnecessary Reference Station
MH-27	Camp Creek - just upstream of confluence with Access Creek	Y	AMP Indicator Station
MH-28	Portal Creek - downstream of MH-05 and just upstream of confluence with Camp Creek	N	Replaced with MH-29 as a Reference Station
MH-29	Access Creek - drains directly to Camp Creek about 300 m south of Portal Creek via a defined channel, down gradient of an area about 250 m east of Jewelbox pit, where there is no mine-related disturbance.	Y	AMP Indicator Station and Reference Station
MH-30	This area was sampled twice in 2013, once during freshet and once in fall to measure water quality in a large tributary stream to False Canyon Creek that is unaffected by mining activities and is considered a near-field reference, although it does not drain mineralized soils.	Y	AMP Indicator Station and Reference Station
CC-1	This is one of the two spring-fed origins of Camp Creek. Groundwater daylight from beneath a 50 m swath of forest just above one of the mine access roads that is gathered in a small ditch and directed through a culvert beneath the road to a defined channel.	N	Replaced with MH-04 as an AMP Indicator Station
CC-3	Camp Creek, downstream of MH-04, upstream of tailings area.	N	Replaced with MH-27 as an AMP Indicator Station
PH-01	This area is about 40 m below the same road crossing as CC-1. This vertically upwelling spring emerges at very well defined location entering directly into a stream channel and merges with flow from CC-1 about 100 m downstream; 400 m upstream of MH-4.	N	Replaced with MH-04 as an AMP Indicator Station
TRIBEWF01	West fork of Tributary E, upstream	N	Replaced with MH-15 as an AMP Indicator Station
TRIBEWF02	West fork of Tributary E, downstream	N	Replaced with MH-15 as an AMP Indicator Station
SDH-S1	Main Zone 1380 Portal	N	Decommissioned as part of site closure/reclamation
SDH-S2	1380 Portal drainage as seepage from Main Pit Waste Dump	Y	AMP Loading Source Station
SDH-S3	Jewelbox Dump Seep	N	Decommissioned as part of site closure/reclamation
SDH-S4	Jewelbox Dump Seep	N	Decommissioned as part of site closure/reclamation