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**To:** [Angela Love](#)  
**Cc:** [Clint Ambrose](#); [Nahum Lee](#)  
**Subject:** September SNP  
**Date:** Tuesday, October 8, 2024 5:01:44 PM  
**Attachments:** [Surveillance Network Program Report2409.pdf](#)

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Our crews commenced departure from the Mon Property in late August with the final crews leaving September 3, 2024. All canvas was removed and stored. All small materials were locked up, the portal was temporarily sealed, and the site was prepared for winter.

We have marshalled material from the burnt camp on the west-side of the quarry, and stored the usable steel near the fuel tanks. We laid down some of the recovered steel to act as a base for our mineralized stockpile, currently assessed to be 250 tonnes. We have collected other hazardous material noted in the Inspection Report in preparation for removal next winter road season.

We have ABA samples from the two rocks we encountered that were submitted to Bureau Veritas in Yellowknife in July that are still in the laboratory. These will be reported once they have been received.

We submitted a modified CRP in late 2023 to Shannon and resubmitted that again in March 2024. We will continue to modify this plan as work progresses.

We submitted a Baseline Data Collection Plan in June that was quickly rejected, and after discussion with others and following formats from INAC we resubmitted that in September 2024. We are assembling that data now in anticipation that the submitted plan, or something similar will be accepted.

Please advise if there are any outstanding items we can deal with now.

Dave

# Surveillance Network Program Report for MV2020L2-0002, Sixty North Gold Mines Ltd.

September 30, 2024

This report according to Annex A- Surveillance Network Program for MV2020L2-0002 issued to Sixty North Gold Mines Ltd. for the Mon Gold Project.

## Summary

SNP samples were collected August 25. Mine develop continued in August with ramp and crosscut development. All mining activity shutdown August 25. Two geotechnical holes completed and thermistor strings installed at SNP 03a and SNP 06a. These have been reported. The camp commenced shutdown in late August and final crews departed September 3.

1. The effective date of this Surveillance Network Program report is September 30, 2024.

2.

a. Electronic summary attached in xlsx format.

*Table 1. Summary of SNP Program activities*

SNP STN	Date	Data	Collected
SNP-01			No discharge
SNP-02			No DST
SNP-03a			No DST
SNP-04			Inaccessible
SNP-05			No water
SNP-06			No water
SNP-07			No water
SNP-08			Inactive
SNP-09			Down Slope Waste
SNP-10			No ore
SNP-11			No water
SNP-12			Low water
SNP-13			No activities
SNP-14			No activities
SNP-15			No activities
SNP-16			No activities
SNP-17			No activities
SNP-18			No activities
SNP-19			No activities
SNP-20			No activities
SNP-21			No water
SNP-22			No water

QA/QC

c) Actions taken in response to any exceedances.

No exceedances were noted in samples collected August 25, 2024. No further samples collected. Operations suspended.

d) Calibration and status of meters and devices referred to in Part B Condition 18 of this license.

Volumes are measured during filling using volume calculations on 1 cubic metre cubic containers.

3) Coordinates of all SNP sites that were established including an updated map identifying all the SNP sites.

Table 2. Location of all SNP sites (from Groundwater and Water Management Plan).

SNP	Easting	Northing	Description	Rationale
SNP-01	635811.5376	6977310.049	Sewage Treatment Plant Effluent	To monitor the quality and quantity of treated Sewage being disposed from the Sewage Treatment System
SNP-02	635719.9015	6977561.717	Monitoring trench, immediately downstream of the Dry Stack Tailings Facility	To monitor the quality of Seepage and surface Water downstream of the Dry Stack Tailings Facility
SNP-03a	635482.7263	6977466.707	Monitoring trench, down slope of Dry Stack Tailings Facility – First Narrows	To monitor the quality of Seepage and surface Water downstream of the Dry Stack Tailings Facility
SNP-03b	635469.9287	6977469.056	Monitoring trench, down slope of Dry Stack Tailings Facility – Culvert	To monitor the quality of Seepage and surface Water downstream of the Dry Stack Tailings Facility
SNP-04	635716.5372	6977560.698	Seepage from the Dry Stack Tailings Facility	To monitor the quality and quantity of Seepage from the Dry Stack Tailings Facility

SNP-05	635621.5286	6977632.123	Background Well - Upgradient of the Dry Stack Tailings Facility	To establish background water quality before operation of the Dry Stack Tailings Facility and to monitor upgradient Water quality once the Dry Stack Tailings Facility is operational.
SNP-06a	635727.6526	6977502.42	Monitoring Well – Downgradient of the Dry Stack Tailings Facility	To establish background water quality before and during operation of the Dry Stack Tailings Facility
SNP-06b	635491.1453	6977464.347	Monitoring Well – Downgradient of the Dry Stack Tailings Facility	To establish background water quality before and during operation of the Dry Stack Tailings Facility
SNP-07			Underground Minewater Sump(s)	To monitor the quantity and quality of groundwater and mine Water collected in the underground sump prior to discharge to the surface
SNP-08	635781.5557	6977103.871	Minewater holding tank or pond	To monitor the quantity and quality of mine Water prior to discharge to the Receiving Environment
SNP-09	635813.5578	6977130.145	Seepage from Waste rock pile(s)	To monitor the quality and quantity of Seepage from the Waste rock pile(s)
SNP-10	635841.5194	6977074.557	Seepage from ore stockpile(s)	To monitor the quality and quantity of Seepage from the ore stockpile(s)
SNP-11	635917.6533	6977045.243	Freshwater in Discovery Lake	To monitor water use
SNP-12	635932.5783	6977101.731	Discovery Lake	To monitor impacts of runoff and Discharge from the Project on Water quality in Discovery Lake
SNP-13	642894.9157	6947940.977	Prosperous Lake	To monitor water use
SNP-14	638774.8301	6973931.416	Sito Lake	To monitor water use
SNP-15	641258.1981	6953048.757	Bluefish Lake	To monitor water use

SNP-16	639085.2532	6964534.219	Quayta Lake	To monitor water use
SNP-17	636024.7339	6974998.439	Lake A (T-Bone)	To monitor water use
SNP-18	636145.2634	6974985.342	Lake B (Bone)	To monitor water use
SNP-19	636136.8196	6975393.639	Lake C (565)	To monitor water use
SNP-20	636689.1345	6975138.341	Lake D (SZ)	To monitor water use
SNP-21	635970	6976850	Explosives Mag	To monitor waters draining EM
SNP-22	635630	6977240	Road	To monitor drainage from road

Date	Camp	Other	Comment	Total	Cumulative
2024-09-01					
2024-09-02	2			2	2
2024-09-03	1			1	3
2024-09-04					
2024-09-05					
2024-09-06					
2024-09-07					
2024-09-08					
2024-09-09					
2024-09-10					
2024-09-11					
2024-09-12					
2024-09-13					
2024-09-14					
2024-09-15					
2024-09-16					
2024-09-17					
2024-09-18					
2024-09-19					
2024-09-20					
2024-09-21					
2024-09-22					
2024-09-23					
2024-09-24					
2024-09-25					
2024-09-26					
2024-09-27					
2024-09-28					
2024-09-29					
2024-09-30					

Total	3			3	
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f) A tabular summary of cumulative water usage in cubic metres.

*mn = mine, cmp = camp*