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October 29, 2024

Job No.: 10-13166
Ref. No.: 478479.81500

Mackenzie Valley Land and Water Board
4922 – 48th Street 7th Floor
P.O. Box 2130
Yellowknife, NT X1A 2P6

Attention: Angela Love, Regulatory Specialist

Water License MV2023L2-0006
Surveillance Network Program (SNP) Monthly Reporting
August 2024

INTRODUCTION

Parsons Inc. (Parsons) was retained by North American Tungsten Corporation Ltd. (NATC) to complete the monthly SNP inspection, sampling and reporting for NATC's Cantung Mine as per Water Licence MV2023L2-0006 (the Licence). NATC carried out its obligations under the License during the August field activities.

SNP MONTHLY DATA

Monitoring Data (Annex A Parts B&C)

Analytical results and field water quality data collected under the SNP this month, along with Quality Assurance/Quality Control (QA/QC) results, are presented in Appendix A.

The active monitoring stations are listed in Table 1, including rationale for sampling this month, and illustrated in Figures A, B and C.

Table 1. Active SNP stations as per Part B, Condition 2 of the Licence.

SNP Station #	Site Coordinates (UTM)	Description	Samples Collected	Rationale
4-1	N 6871361.36 E 540034.38 N	Flat River fresh water intake located in the Water Supply Facility	No	Flow monitoring station.
4-5	542519.57 E, 6869094.27 N	Flat River at bridge downstream of airstrip.	Yes	
4-6	540699 E, 6870572 N	Inflow to Wastewater Treatment Facilities.	No	Only when WWTF operating.
4-13	541326 E, 6869967 N	Discharge from "E" Zone.	Yes	
5-2	540519 E, 6870986 N	Old Lagoon Outflow	Yes	
4-20	541342.06 E, 6870330.45 N	Drainage culvert from Stinky Pond.	No	2 times annually
4-27-4	540469.07 E, 6870401.17 N	Groundwater monitoring well MW-5.	No	Annual.
4-27-7	541055.24 E, 6870529.79 N	Groundwater monitoring well BH-43.	No	Annual.
4-27-8	541150.52 E, 6870457.79 N	Groundwater monitoring well BH-44.	No	Annual.
4-27-9	540482.62 E, 6871000.43 N	Groundwater monitoring well BH-53.	No	Annual
4-27-10	540991.52 E, 6870580.59 N	TP4-07-MW01	No	Annual
4-27-11	541215.91 E, 6869955.63 N	TP5-07-MW01.	No	Annual.
4-27-12	541357.03 E, 6870091.54 N	TP3-07-MW01.	No	Annual
4-27-13	541326.91 E, 6869967.73 N	TP3-07-MW02.	No	Annual.
4-27-14	541256.87 E, 6869942.9 N	Groundwater well southeast of Tailings Pond 5 (between small creek and Tailings Pond 5).	No	Annual
4-27-15	541600.61 E, 6869880.3 N	Groundwater well southeast of airstrip.	No	Annual
4-27-16	540502.87 E, 6871064.44 N	Groundwater well east of Tailings Ponds 1 and 2. Replacement for SNP station 4-27-1; Groundwater monitoring well MW-1, and includes piezometers MW1-10, MW1-6, and MW1-1.	No	Annual
4-27-17	539968.54 E, 6871380.14 N	Groundwater well upstream of the Project.	No	Annual
4-27-18	540646.05 E, 6870369.63 N	Groundwater monitoring well (MW13-01) up-gradient of Tailings Storage Facility 7.	No	Temporarily suspended as of August 25, 2016 until not less than three months prior to the construction of Tailings Storage Facility 6.
4-27-19	540523.39 E, 6870788.48 N	Groundwater monitoring well down-gradient of Tailings Storage Facility 7.	No	
4-27-20	543765.09 E, 6868047.68 N	Groundwater monitoring well up-gradient of Tailings Storage Facility 6.	No	

4-27-21	543414.08 E, 6868150.03 N	Groundwater monitoring well (MW12-09) down-gradient of north end of Tailings Storage Facility 6.	No	
4-27-22	543593.31 E, 6867899.6 N	Groundwater monitoring well (MW12-3) down-gradient of middle of Tailings Storage Facility 6.	No	
4-27-23	544032.92 E, 6867627.55 N	Groundwater monitoring well (MW12-01 and MV12-02) down-gradient of south end of Tailings Storage Facility 6.	No	
4-28-1	541224 E, 6870386 N	Groundwater pumping well PW-1.	Yes	
4-28-2	541118 E, 6870491 N	Groundwater pumping well PW-2.	No	Annual.
4-29	538180 E, 6873871 N	Flat River, three (3) kilometers upstream of pumphouse.	Yes	
4-30	540162 E, 6870912 N	Mill Tailings at Tails Box in Mill.	No	Only when Mill is operating.
4-32	540123.65 E, 6871229.02 N	Sardine Creek.	Yes	
4-33	547271 E, 6864181 N	Far Field Downstream Station 8.5 km – Flat River.	No	Not accessible. 4-33R collected as alternate.
4-33R	543488.32 E, 6867874.61 N	Flat River, west of Tailings Storage Facility 6.	Yes	
4-34	540070 E, 6871022 N	Seepage down-gradient of the fuel berm.	No	No Seepage visible.
4-36	541368 E, 6870158 N	Any point between Tailings Pond 3 and the Flat River, where Seepage is visible.	No	No Seepage visible.
4-37	540997 E, 6870555 N	Any point between Tailings Pond 4 and the Flat River, where Seepage is visible.	No	No Seepage visible.
4-38	540343 E, 6871176 N	Any point between Tailings Pond 1 and the Flat River, where Seepage is visible.	No	No Seepage visible.
4-39	540407 E, 6871100 N	Any point between Tailings Pond 2 and the Flat River, where Seepage is visible.	No	No Seepage visible.
4-40	540858.16 E, 6870816.22 N	Surface Water point on Flat River between Tailings Ponds 2 and 4.	Yes	
4-41	541804 E, 6869690 N	Surface Water point on Flat River downstream of Tailings Pond 3.	Yes	
4-42	540169 E, 6870899 N	Minewater pump in the mill.	Yes	
4-43	540699 E, 6870572 N	Effluent from the Wastewater Treatment Facilities.	No	Only when WWTF operating.
4-44	541477.31 E, 6870223.15 N	Surface water point on Flat River approximately 180 metres downstream of drainage channel from Stinky Pond.	No	Temporarily suspended as of December 10, 2018 until not less than three months prior to discharge from the Wastewater Treatment Facility.
4-45	543144 E, 6868828 N	Middle Bridge, upstream of Stinky Pond Discharge to Flat River.	No	Flow monitoring station.
4-46		Thickener Overflow/Effluent.	No	When the Thickener is operating.

4-47		Collection point within Tailings Storage Facility 7 for Seepage/contact Water.	No	Facility not constructed.
4-48		Collection point within Tailings Storage Facility 6 for Seepage/contact Water.	No	Facility not constructed.
4-49	543343.79 E, 6868099.72 N	Flat River, west of the north end of Tailings Storage Facility 6.	No	Temporarily suspended as of August 25, 2016 until not less than three months prior to the construction of Tailings Storage Facility 6.
4-50	544026.55 E, 6867532.93 N	Flat River, immediately downstream of Tailings Storage Facility 6.	No	

INTERPRETATION OF QAQC RESULTS

Further to Part G, Condition 40 of the Licence, the Maximum Average Concentration (MAC), as the running average concentration of four consecutive analytic results (May, June, July and August), and Maximum Grab Concentration (MGC) were determined for listed analytical parameters at SNP station 4-28-1. Results are tabulated in Appendix A.3 and Appendix A.4, respectively indicating that SNP station 4-28-1 with effluent quality criteria (EQC) under the SNP met criteria described in Part G, Condition 40 of the Licence.

Historically, the results of the duplicate samples are considered notably different when the relative percent difference (RPD) between the two results is greater than 20% and the results are greater than five times above the Detection Limits (DLs.) The concentrations of all parameters in the duplicate sample collected at SNP station S4-33R were below the threshold RPD. (see Appendix A.5).

Further, the detection limits for the Trip blank were not exceeded for any parameters. The detection limits for the field blank submitted were not exceeded. Overall, the QAQC program did not call into question the results of the sampling program this month (see Appendix A.6).

Finally, the lab report also includes a Quality Assurance Report indicating that the overall quality control for all the samples in August 2024 meets acceptability criteria.

ANALYTICAL RESULTS COMPARED TO COMPLIANCE POINTS (ANNEX A, PART A.2B)

Graphical results for the stations listed in Annex A Part A item 2b are not included as the stations, with one exception, are measured annually and therefore there are not enough data points to graph. Graphical results for SNP station 4-28-1 are included in Appendix B.

ACTIONS TAKEN IN RESPONSE TO EQC EXCEEDANCE (ANNEX A, PART A.2c).

There were no EQC exceedances this month.

MONITORING EQUIPMENT CALIBRATION (ANNEX A, PART A.2D)

Field water quality data is collected at the time of extraction using a YSI Professional Plus multimeter in conformance with NATC field sampling protocol. The YSI multi meter is calibrated prior to every sampling event using calibration solutions for pH and electrical conductivity, and atmospheric calibration for dissolved oxygen as per manufacturer instructions.

SUMMARY OF CUMULATIVE WATER USE (ANNEX A, PART A.2F)

A cumulative summary of water use is provided in Appendix C. Note, water used onsite was for non-potable purposes. Only bottled water was used for potable purposes.

METEOROLOGICAL MONITORING (ANNEX A, PART A.2G)

Data from the weather station was downloaded and included in Appendix D.

WATER WITHDRAWN FROM THE WATER SUPPLY FACILITY (ANNEX A PART C.1.A)

The water supply facility is not in use and no water was withdrawn from it. Water withdrawn from the Flat River is reported above and in Appendix C.

ORE MILLED (ANNEX A PART C.1.B)

No ore was milled this month.

WASTE DISCHARGED TO THE TAILINGS CONTAINMENT AREA (ANNEX A PART C.1.C)

A weekly summary of wastewater effluent discharged to the TCA is provided in Appendix E.

THICKENER OVERFLOW DISCHARGED TO THE WASTEWATER TREATMENT FACILITIES AND/OR TP5 (ANNEX A PART C.1.D)

The Wastewater Treatment Facilities (WWTF) are permanently out of service with no thickener overflow discharge occurring.

CONTACT WATER DISCHARGED TO THE WASTEWATER TREATMENT FACILITIES AND/OR TP5 (ANNEX A PART C.1.E)

The Dry Stack Tailings Storage Facilities have not been constructed. There was no discharge from this facility this month.

Liquid Waste Discharged from the Wastewater Treatment Facilities (Annex A Part C.1.F)

The WWTF is permanently out of service and therefore no liquid waste will be discharged from the WWTF to Stinky Pond.

FLOW AND VELOCITY AT THE DRAINAGE CULVERT AT STINKY POND (ANNEX A PART C.1.G)

No monitoring was required nor occurred at this station this month.

DISCHARGE OF THE FLAT RIVER (ANNEX A PART C.1.H)

No monitoring was required nor occurred at this station this month.

LITHOLOGICAL IDENTIFICATION AND SULPHUR PLUS CARBON ANALYSES (ANNEX A PART C.1.I)

Mining has ceased; no new waste rock was generated this month and no analysis undertaken.

COMPOSITE MILL TAILS SAMPLE (ANNEX A PART C.1.J)

Milling has ceased; no new tails were generated this month, and no analysis undertaken.

OBSERVATIONS FROM THE INSPECTION OF THE TCA (ANNEX A PART C.1.K)

TCA observations can be found in Appendix F.

OBSERVATIONS FROM THE DAILY INSPECTION OF THE WWTF (ANNEX A PART C.1.L)

The WWTF is not in service. No inspection was undertaken.

DRY STACK TAILINGS MOISTURE AND DENSITY TESTING (ANNEX A PART C.1.M)

The Dry Stack Tailings Storage Facilities have not been constructed. No testing was undertaken this month.

DATA FROM THE PIEZOMETERS AND INCLINOMETERS (ANNEX A PART C.1.N)

Dataloggers were installed on the piezometers in July 2023 which allow for continuous logging; data was downloaded from the stations in August 2024 and the results will be plotted and reported at a later date.

CLOSURE

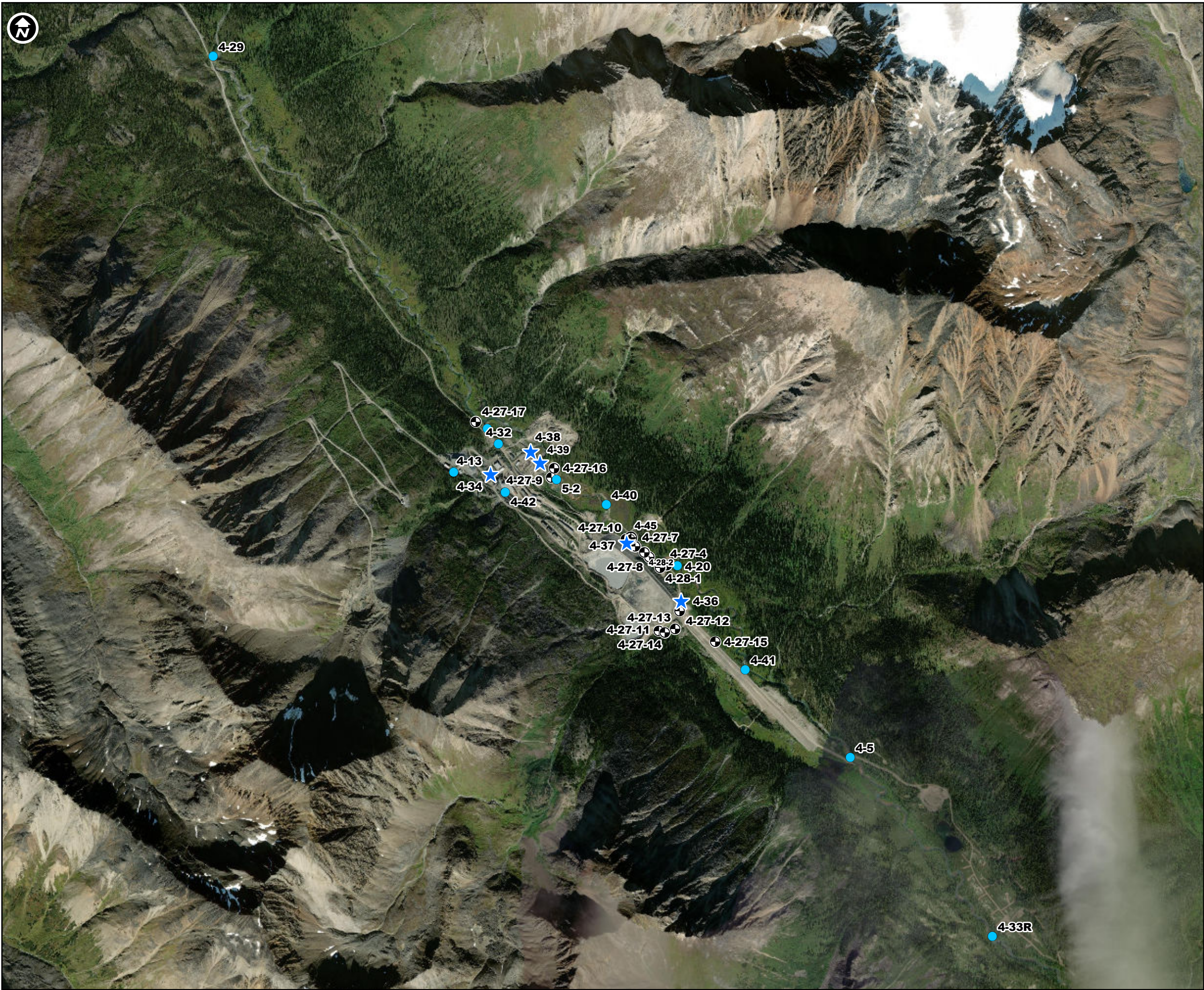
We trust the foregoing information is satisfactory for your requirements. If you have any questions or concerns, please contact Marianna Lee at marianna.lee@alvarezandmarsal.com.

PARSONS INC.



Michael Taylor, P.Ag.

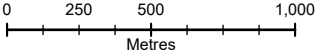
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LEGEND

Category

- Groundwater Station
- Flow
- Seepage
- Surface Water



Monitoring Locations
CANTUNG MINE, NT

Reference: Tetra Tech, 2024	Drawn By: JDC	Ref. No.: 10-13166
	Reviewed By: MFT	Date: 12-Sep-2024

PARSONS

Drawing No.:
1

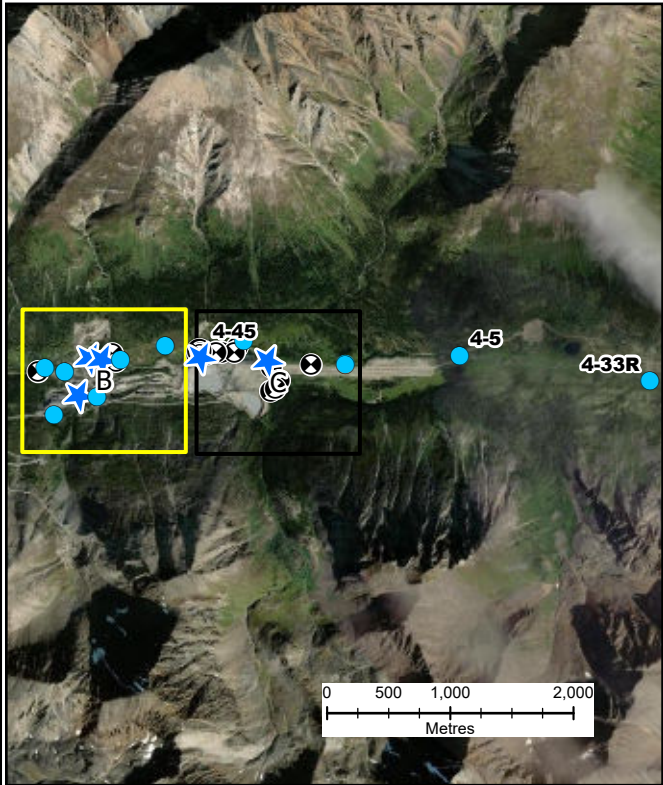
Document Path: C:\Z_Drive\10-13166\APPX\13166_Site_Plan_8309.aprx Coordinate System: NAD 1983 UTM Zone 9N



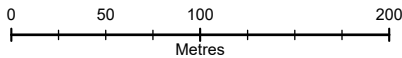
LEGEND

Surveillance Network Program (SNP) Stations

- Groundwater Station
- Flow
- Seepage
- Surface Water



Overview



Monitoring Locations

CANTUNG MINE, NT

Reference: Tetra Tech, 2024	Drawn By: JDC Reviewed By: MFT	Ref. No.: 10-13166 Date: 23-Sep-2024
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PARSONS

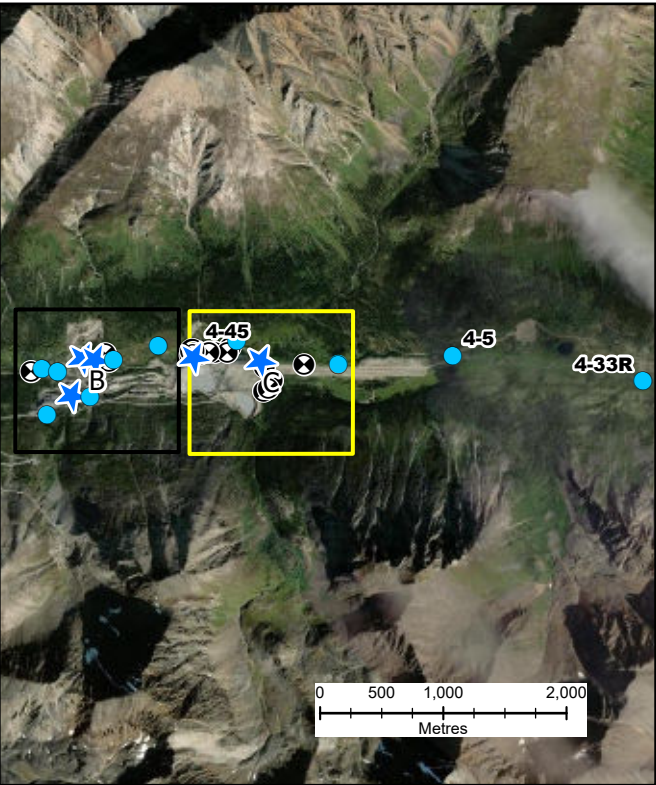
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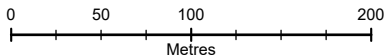
LEGEND

Surveillance Network Program (SNP) Stations

- Groundwater Station
- Flow
- Seepage
- Surface Water



Overview



Monitoring Locations

CANTUNG MINE, NT

Reference: Tetra Tech, 2024	Drawn By: JDC Reviewed By: MFT	Ref. No.: 10-13166 Date: 12-Sep-2024 Drawing No.: 3
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PARSONS

APPENDIX A

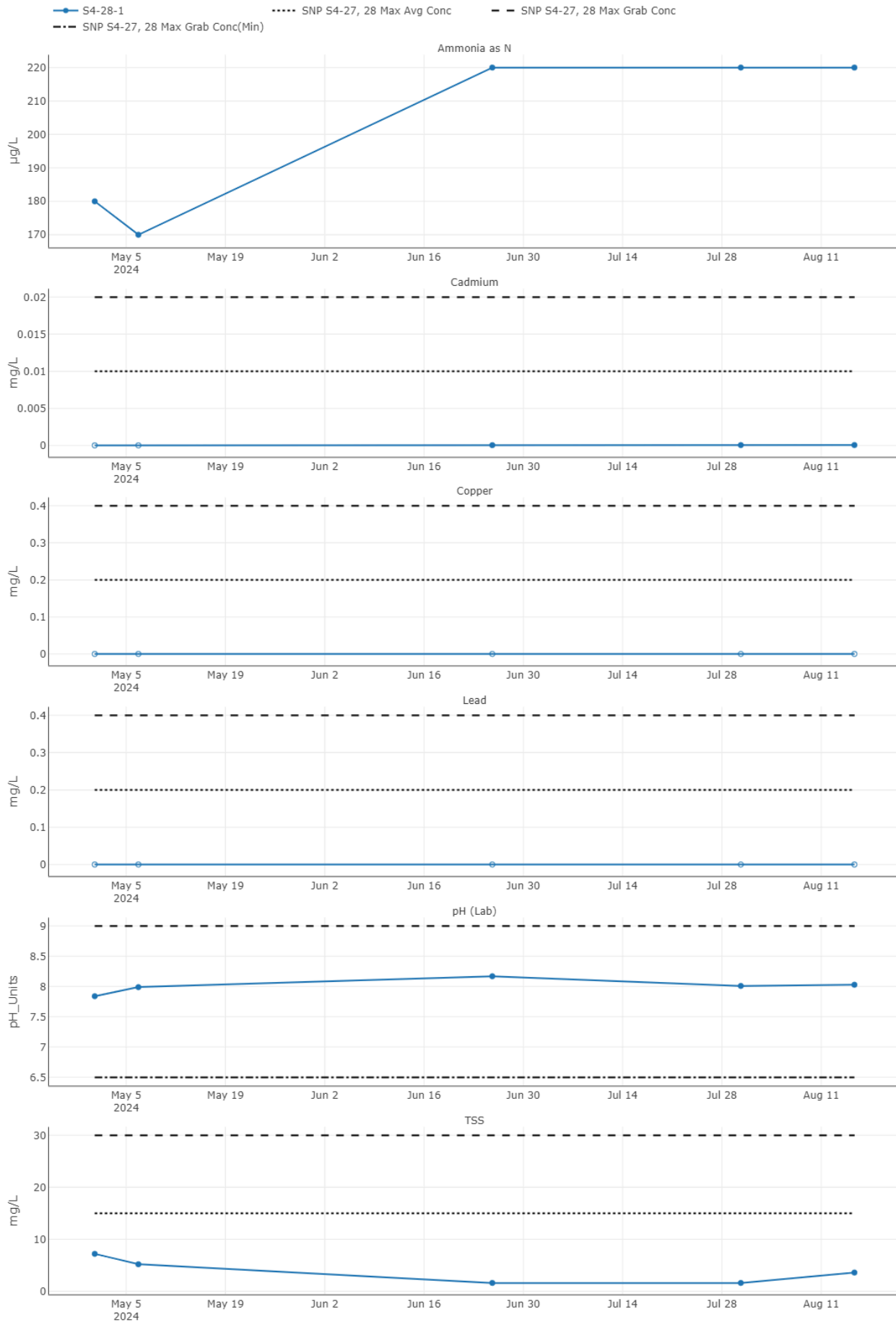
WATER QUALITY DATA

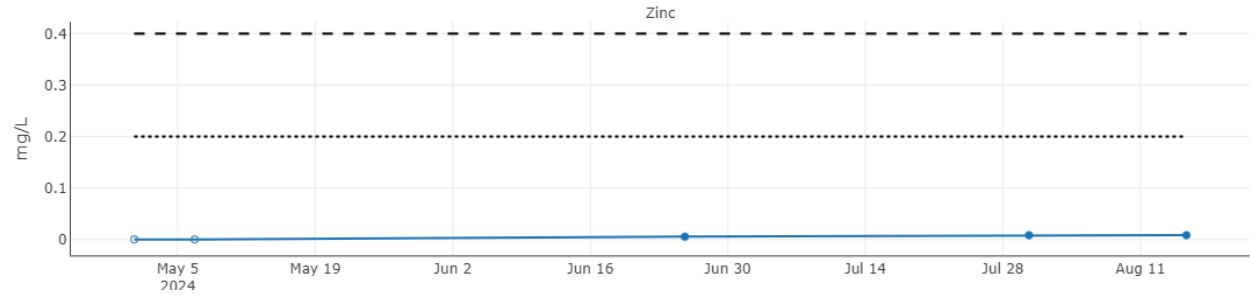
Excel File Enclosed

APPENDIX B

WATER QUALITY TREND CHARTS

Chemistry Graph





The report was generated based on the following filter:

Publication Date: 25 Oct 2024

- Chem Names In "Ammonia as N,Cadmium,Copper,Le...",
- Sampled Date between "29 Apr 2024" and "29 Aug 2024",
- Locations In "S4-28-1",
- Total or Filtered "Total"

Non-detects are indicated by a hollow marker

APPENDIX C

SUMMARY OF CUMULATIVE WATER USE

Excel File Enclosed

APPENDIX D

METEOROLOGICAL DATA

Excel File Enclosed

APPENDIX E

WASTEWATER DISCHARGED TO TCA

Excel File Enclosed

APPENDIX F

TCA INSPECTION CHECKLIST

Tailings Containment Areas - Inspection Form and Checklist		
Check ⁶	Area, Item	Comment/Rationale/Action
A	Tailings Containment Areas	
	1 West TCA – TCA 1 and TCA 2	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of windblown tailings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
	2 TCA 3	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of wind erosion or windblown tailings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
Y	f Visible signs of Soiltec degradation	Looks Good
	3 TCA 4	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of wind erosion or windblown tailings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
Y	f Visible signs of Soiltec degradation	Looks Good
	4 TCA 5	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of wind erosion or windblown tailings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
Y	f Visible signs of Soiltec degradation	Looks Good
B	TCA Surface Water Diversions	
	1 West TCA Diversions / Ditches	
Y	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
	2 TCA 3, TCA 4, TCA 5 Diversions / Ditches	
Y	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
C	General	
	1 Access Roads	
Y	a Signs of road instability, ditch blockages, erosion, etc.	
Action required detail		
Check ID	Issue/action	
Follow-up on outstanding actions		
Check ID	Action date	Status
Photos taken <input checked="" type="checkbox"/> Y/N If No, why not: _____		
Checklist and photos email to EOR, A&M: Y/N Date: <u>Aug. 2/24</u> Initials: <u>[Signature]</u>		

⁶Y= checked, everything OK A=checked, action required NA: Not applicable

August 9, 2024 Cantung TCA Weekly Inspection Report.

Aug 9/24 G. Fugisang

Tallings Containment Areas - Inspection Form and Checklist		Comment/Rationale/Action
Check ⁶	Area, Item	
A Tallings Containment Areas		
	1 West TCA - TCA 1 and TCA 2	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of windblown tallings accumulation (indicate location)	
N/A	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
	2 TCA 3	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of wind erosion or windblown tallings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	DRY
Y	f Visible signs of Soiltec degradation	
	3 TCA 4	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of wind erosion or windblown tallings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	DRY
Y	f Visible signs of Soiltec degradation	
	4 TCA 5	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of wind erosion or windblown tallings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	DRY
Y	f Visible signs of Soiltec degradation	
B TCA Surface Water Diversions		
	1 West TCA Diversions / Ditches	
Y	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
	2 TCA 3, TCA 4, TCA 5 Diversions / Ditches	
A	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
C General		
	1 Access Roads	
Y	a Signs of road instability, ditch blockages, erosion, etc.	
Action required detail		
Check ID	Issue/action	
	Soil TACK APPLICATION ON TCA 4, 5, + 3 Completed on Aug.	
Follow-up on outstanding actions		
Check ID	Action date	Status
B2A	- collection basin of TCA 4 diversion ditch Requires silt Removal	
Photos taken (Y/N) If No, why not: _____		
Checklist and photos email to EOR, A&M: Y/N Date: _____ Initials: _____		

⁶ Y= checked, everything OK A=checked, action required NA: Not applicable

Tailings Containment Areas - Inspection Form and Checklist		
Check ⁶	Area, Item	Comment/Rationale/Action
A Tailings Containment Areas		
	1 West TCA - TCA 1 and TCA 2	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of windblown tailings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
	2 TCA 3	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of wind erosion or windblown tailings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
Y	f Visible signs of Soiltec degradation	
	3 TCA 4	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of wind erosion or windblown tailings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
Y	f Visible signs of Soiltec degradation	
	4 TCA 5	
Y	a Visible signs of instability, erosion, movement, or seepage along toe	
Y	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
Y	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
Y	d Visible signs of wind erosion or windblown tailings accumulation (indicate location)	
Y	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
Y	f Visible signs of Soiltec degradation	
B TCA Surface Water Diversions		
	1 West TCA Diversions / Ditches	
Y	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
	2 TCA 3, TCA 4, TCA 5 Diversions / Ditches	
Y	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
C General		
	1 Access Roads	
Y	a Signs of road instability, ditch blockages, erosion, etc.	
Action required detail		
Check ID	Issue/action	
Follow-up on outstanding actions		
Check ID	Action date	Status
Photos taken <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N If No, why not: _____		
Checklist and photos email to EOR, A&M: Y/N Date: <u>Aug 16/24</u> Initials: <u>[Signature]</u>		

⁶ Y= checked, everything OK A=checked, action required NA: Not applicable

August 23, 2024 Cantung TCA inspection report; Unremarkable.

Aug 23 / 24

Check ⁶	Tailings Containment Areas - Inspection Form and Checklist	Comment/Rationale/Action
A	Area, Item	
	Tailings Containment Areas	
1	West TCA - TCA 1 and TCA 2	
✓	a Visible signs of instability, erosion, movement, or seepage along toe	
✓	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
✓	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
✓	d Visible signs of windblown tailings accumulation (indicate location)	
✓	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
	2 TCA 3	
✓	a Visible signs of instability, erosion, movement, or seepage along toe	
✓	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
✓	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
✓	d Visible signs of wind erosion or windblown tailings accumulation (indicate location)	
✓	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
✓	f Visible signs of Soiltec degradation	
	3 TCA 4	
✓	a Visible signs of instability, erosion, movement, or seepage along toe	
✓	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
✓	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
✓	d Visible signs of wind erosion or windblown tailings accumulation (indicate location)	
✓	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
✓	f Visible signs of Soiltec degradation	
	4 TCA 5	
✓	a Visible signs of instability, erosion, movement, or seepage along toe	
✓	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
✓	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
✓	d Visible signs of wind erosion or windblown tailings accumulation (indicate location)	
✓	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
✓	f Visible signs of Soiltec degradation	
B	TCA Surface Water Diversions	
	1 West TCA Diversions / Ditches	
✓	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
	2 TCA 3, TCA 4, TCA 5 Diversions / Ditches	
✓	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
C	General	
	1 Access Roads	
✓	a Signs of road instability, ditch blockages, erosion, etc.	
Action required detail		
Check ID	Issue/action	
	B1A - Carried out Diversion Ditch maint on TCA 4 Ditch as per Engineer Recommendation.	
Follow-up on outstanding actions		
Check ID	Action date	Status
Photos taken (Y/N) If No, why not: _____		
Checklist and photos email to EOR, A&M: Y/N Date: _____ Initials: _____		

⁶ Y= checked, everything OK A=checked, action required NA: Not applicable

Aug 23 / 24

Aug. 30 TCA Inspection. GF

Aug 30/24 G. Fyfe

Tallings Containment Areas - Inspection Form and Checklist		
Check #	Area, Item	Comment/Rationale/Action
A Tallings Containment Areas		
1	West TCA - TCA 1 and TCA 2	
✓	a Visible signs of instability, erosion, movement, or seepage along toe	
✓	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
✓	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
✓	d Visible signs of windblown tallings accumulation (indicate location)	
✓	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
2	TCA 3	
✓	a Visible signs of instability, erosion, movement, or seepage along toe	
✓	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
✓	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
✓	d Visible signs of wind erosion or windblown tallings accumulation (indicate location)	
✓	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
✓	f Visible signs of Solitac degradation	
3	TCA 4	
✓	a Visible signs of instability, erosion, movement, or seepage along toe	
✓	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
✓	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
✓	d Visible signs of wind erosion or windblown tallings accumulation (indicate location)	
✓	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
✓	f Visible signs of Solitac degradation	
4	TCA 5	
✓	a Visible signs of instability, erosion, movement, or seepage along toe	
✓	b Visible signs of instability, erosion, movement, tension cracking or seepage along slope	
✓	c Visible signs of instability, erosion, movement, tension cracking or seepage along crest	
✓	d Visible signs of wind erosion or windblown tallings accumulation (indicate location)	
✓	e Changes in ponded or accumulated water, indicating atypical increase in drying or wetting	
✓	f Visible signs of Solitac degradation	
B TCA Surface Water Diversions		
1	West TCA Diversions / Ditches	
✓	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
2	TCA 3, TCA 4, TCA 5 Diversions / Ditches	
✓	a Visible instability, movement, blockages, or breaches in diversions, ditches, or culverts	
C General		
1	Access Roads	
✓	a Signs of road instability, ditch blockages, erosion, etc.	
Action required detail		
Check ID	Issue/action	
	Some water on TCA 3/5 Berm from Heavy Rain. Top of Embankment need grading to shed water.	
Follow-up on outstanding actions		
Check ID	Action date	Status
Photos taken <input checked="" type="checkbox"/> Y/N If No, why not: _____		
Checklist and photos email to EOR, A&M: Y/N Date: _____ Initials: _____		

6 Y= checked, everything OK A=checked, action required NA: Not applicable