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TRITTON OPERATIONS

Tritton and Girilambone Operations

Monthly Environmental Monitoring Report

July 2017

Environmental Protection License 11254

TRITTON COPPER MINE

YARRANDALE ROAD, HERMIDALE, NSW, 2831

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TRITTON COPPER MINE

BOORAMUGGA ROAD, GIRILAMBONE, NSW, 2831

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JULY 2017 – GROUNDWATER MONITORING REPORT
TRITTON OPERATIONS LICENCE NO.11254

Licensee: TRITTON RESOURCES LIMITED EPL No. 11254					
Sample Point	Monitoring Frequency	Date	Parameter	Measurement	Unit
EPA ID No. 12 - PZH001	Quarterly	Sampled: D/M/Y	Arsenic		mg/L ¹
			Barium		mg/L
			Beryllium		mg/L
		Obtained: D/M/Y	Cadmium		mg/L
			Chloride		mg/L
			Chromium		mg/L
		Published: 16/08/2017	Cobalt		mg/L
			Conductivity (EC)		µS/cm ²
			Copper		mg/L
			Iron		mg/L
			Lead		mg/L
			Manganese		mg/L
			Mercury		mg/L
			Nickel		mg/L
			pH		pH Unit
			Sulfate		mg/L
			Vanadium		mg/L
Zinc		mg/L			
SWL		m ³			
EPA ID No. 13 - PZH002	Quarterly	Sampled: D/M/Y	Arsenic		mg/L
			Barium		mg/L
			Beryllium		mg/L
		Obtained: D/M/Y	Cadmium		mg/L
			Chloride		mg/L
			Chromium		mg/L
		Published: 16/08/2017	Cobalt		mg/L
			Conductivity (EC)		µS/cm
			Copper		mg/L
			Iron		mg/L
			Lead		mg/L
			Manganese		mg/L
			Mercury		mg/L
Nickel		mg/L			
pH		pH Unit			

¹ Milligrams per litre

² Microsiemens per centimetre

³ Metres

			Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L m
EPA ID No. 14 - PZH003	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 15 - PZH004	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 16 - PZH005	Quarterly	Sampled: D/M/Y Obtained:	Arsenic Barium Beryllium Cadmium		mg/L mg/L mg/L mg/L

		D/M/Y Published: 16/08/2017	Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 17 - PZH006	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 18 - PZH007	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese		mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L

			Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 19 - PZH008	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 20 - PZH009	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID	Quarterly	Sampled:	Arsenic		mg/L

No. 22 - PZH013		D/M/Y Obtained: D/M/Y Published: 16/08/2017	Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 23 - PZH014	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 24 - PZH015	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper		mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L

			Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 25 - PZH017	Quarterly	Sampled: 7/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.001 0.036 <0.001 <0.0001 3160 <0.001 <0.001 11700 0.002 2.78 <0.001 0.097 <0.0001 <0.001 8.02 874 <0.01 0.008 48.03	mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L mg/L mg/L m
EPA ID No. 26 - PZH018	Quarterly	Sampled: 6/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium	<0.001 0.027 <0.001 0.0006 7300 0.001 0.004 24700 0.010 0.23 <0.001 0.303 <0.0001 0.011 7.98 2430 <0.01	mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L

			Zinc SWL	0.030 22.14	mg/L m
EPA ID No. 27 - PZH019	Quarterly	Sampled: 6/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.005 0.024 <0.001 <0.0001 2930 <0.001 0.002 10700 0.005 0.67 <0.001 0.043 <0.0001 0.011 7.85 787 <0.01 0.034 101.55	mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 28 - PZH020	Quarterly	Sampled: 6/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.002 0.014 <0.001 0.0002 3510 <0.001 <0.001 12900 0.017 0.13 <0.001 0.027 <0.0001 0.003 8.02 1090 <0.01 0.091 71.72	mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 29 - PZH021	Quarterly	Sampled: 6/7/17 Obtained: 21/7/17	Arsenic Barium Beryllium Cadmium Chloride Chromium	0.002 0.067 <0.001 <0.0001 4290 <0.001	mg/L mg/L mg/L mg/L mg/L mg/L

		Published: 16/08/2017	Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.001 15400 0.002 6.38 <0.001 1.50 <0.0001 <0.001 7.87 1550 <0.01 0.019 58.21	mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 30 - PZH022	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL		mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 31 - PZH023	Quarterly	Sampled: D/M/Y Obtained: D/M/Y Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel		mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L

			<p>pH</p> <p>Sulfate</p> <p>Vanadium</p> <p>Zinc</p> <p>SWL</p>		<p>pH Unit</p> <p>mg/L</p> <p>mg/L</p> <p>mg/L</p> <p>m</p>
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JULY 2017 – GROUNDWATER MONITORING REPORT

GIRILAMBONE OPERATIONS LICENCE NO.4501

Licensee: TRITTON RESOURCES LIMITED					
EPL No. 4501					
Sample Point	Monitoring Frequency	Date	Parameter	Measurement	Unit
EPA ID No. 2 - GIP224	Monthly	Sampled: 18/7/17	Arsenic	<0.010	mg/L
			Barium	0.028	mg/L
			Beryllium	<0.010	mg/L
		Obtained: 31/0717	Cadmium	<0.0010	mg/L
			Chloride	8180	mg/L
			Chromium	<0.010	mg/L
		Published: 16/08/2017	Cobalt	<0.010	mg/L
			Conductivity (EC)	30700	µS/cm
			Copper	0.037	mg/L
			Iron	<0.10	mg/L
			Lead	<0.010	mg/L
			Manganese	0.037	mg/L
			Mercury	<0.0001	mg/L
			Nickel	0.018	mg/L
			pH	7.92	pH Unit
			Sulfate	4430	mg/L
			Vanadium	<0.10	mg/L
Zinc	0.051	mg/L			
SWL	3.76	m			
EPA ID No. 3 - GIP225	Monthly	Sampled: 18/7/17	Arsenic	<0.010	mg/L
			Barium	0.066	mg/L
			Beryllium	<0.010	mg/L
		Obtained: 31/7/17	Cadmium	<0.0010	mg/L
			Chloride	5040	mg/L
			Chromium	<0.010	mg/L
		Published: 16/08/2017	Cobalt	<0.010	mg/L
			Conductivity (EC)	29200	µS/cm
			Copper	<0.010	mg/L
			Iron	<0.10	mg/L
			Lead	<0.010	mg/L
			Manganese	0.911	mg/L
			Mercury	<0.0001	mg/L
			Nickel	<0.010	mg/L
			pH	7.79	pH Unit
			Sulfate	13000	mg/L
			Vanadium	<0.10	mg/L
Zinc	<0.050	mg/L			
SWL	10.47	m			

EPA ID No. 4 - GIP234	Quarterly	Sampled: 10/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.001 0.033 <0.001 0.0020 6650 0.003 0.008 23000 0.018 0.42 0.031 0.758 <0.0001 0.013 7.84 2240 <0.01 0.143 24.82	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 5 - GIP273	Quarterly	Sampled: 10/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.010 0.025 <0.010 0.0015 9460 <0.010 0.025 32800 0.050 0.66 0.024 0.537 <0.0001 0.029 7.61 3120 <0.10 0.273 16.81	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 7 - GIP274	Monthly	Sampled: 12/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC)	<0.010 <0.010 <0.010 <0.0010 9210 <0.010 <0.010 31600	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm

			Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.010 <0.10 <0.010 0.035 <0.0001 0.016 7.64 3060 <0.10 <0.050 17.05	mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 6 - GIP276	Quarterly	Sampled: 7/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.001 0.023 <0.001 0.0018 6930 0.004 0.064 24100 0.022 0.69 0.058 1.55 <0.0001 0.061 7.83 2660 <0.01 0.135 20.71	mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 8 - GIP277	Quarterly	Sampled: 10/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH	<0.001 0.017 <0.001 <0.0001 910 <0.001 <0.001 5110 0.006 0.23 0.006 0.042 <0.0001 0.002 8.00	mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit

			Sulfate	407	mg/L
			Vanadium	<0.01	mg/L
			Zinc	0.035	mg/L
			SWL	16.67	m
EPA ID No. 9 - GIP278	Quarterly	Sampled: 7/7/17	Arsenic	0.004	mg/L
			Barium	0.016	mg/L
		Obtained: 21/7/17	Beryllium	<0.001	mg/L
			Cadmium	0.0002	mg/L
			Chloride	7900	mg/L
		Published: 16/08/2017	Chromium	0.005	mg/L
			Cobalt	<0.001	mg/L
			Conductivity (EC)	26400	µS/cm
			Copper	0.007	mg/L
			Iron	0.08	mg/L
			Lead	0.004	mg/L
			Manganese	0.006	mg/L
			Mercury	<0.0001	mg/L
		Nickel	0.013	mg/L	
		pH	7.50	pH Unit	
Sulfate	2560	mg/L			
Vanadium	<0.01	mg/L			
Zinc	0.074	mg/L			
SWL	24.97	m			
EPA ID No. 10 - GIP279A	Quarterly	Sampled: 7/7/17	Arsenic	<0.010	mg/L
			Barium	0.029	mg/L
		Obtained: 21/7/17	Beryllium	<0.010	mg/L
			Cadmium	<0.0010	mg/L
			Chloride	8360	mg/L
		Published: 16/08/2017	Chromium	<0.010	mg/L
			Cobalt	<0.010	mg/L
			Conductivity (EC)	27600	µS/cm
			Copper	0.025	mg/L
			Iron	<0.10	mg/L
			Lead	<0.010	mg/L
			Manganese	0.014	mg/L
			Mercury	<0.0001	mg/L
		Nickel	0.012	mg/L	
		pH	7.67	pH Unit	
Sulfate	2760	mg/L			
Vanadium	<0.10	mg/L			
Zinc	0.058	mg/L			
SWL	24.02	m			
EPA ID No. 11 - GIP280A	Quarterly	Sampled: 12/7/17	Arsenic	<0.001	mg/L
			Barium	0.037	mg/L
		Obtained: 21/7/17	Beryllium	<0.001	mg/L
			Cadmium	0.0003	mg/L

		Published: 16/08/2017	Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	5250 <0.001 0.002 18200 0.023 0.08 <0.001 0.053 <0.0001 0.006 8.05 1700 <0.01 0.194 21.73	mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 12 - GIP290	Monthly	Sampled: 24/7/17 Obtained: 31/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.001 0.014 <0.001 0.0199 3290 <0.001 0.168 16500 0.032 <0.05 <0.001 11.9 <0.0001 0.027 7.21 4700 <0.01 0.296 14.51	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 13 - GIP291	Monthly	Sampled: 12/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese	<0.001 0.020 <0.001 0.0007 7460 <0.001 0.003 25700 0.022 <0.05 0.002 0.064	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L

			Mercury	<0.0001	mg/L
			Nickel	0.004	mg/L
			pH	7.57	pH Unit
			Sulfate	2920	mg/L
			Vanadium	<0.01	mg/L
			Zinc	0.031	mg/L
			SWL	9.02	m
EPA ID No. 14 - GIP292A	Monthly	Sampled: 10/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic	0.049	mg/L
			Barium	<0.010	mg/L
			Beryllium	0.094	mg/L
			Cadmium	3.55	mg/L
			Chloride	1760	mg/L
			Chromium	0.421	mg/L
			Cobalt	55.0	mg/L
			Conductivity (EC)	31800	µS/cm
			Copper	270	mg/L
			Iron	185	mg/L
			Lead	<0.010	mg/L
			Manganese	515	mg/L
			Mercury	<0.0001	mg/L
			Nickel	18.1	mg/L
			pH	3.76	pH Unit
			Sulfate	38000	mg/L
			Vanadium	<0.10	mg/L
			Zinc	236	mg/L
			SWL	5.31	m
EPA ID No. 16 - GIP292AS	Monthly	Sampled: 10/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic	0.143	mg/L
			Barium	<0.010	mg/L
			Beryllium	0.468	mg/L
			Cadmium	7.01	mg/L
			Chloride	1380	mg/L
			Chromium	0.170	mg/L
			Cobalt	95.5	mg/L
			Conductivity (EC)	33000	µS/cm
			Copper	658	mg/L
			Iron	1420	mg/L
			Lead	<0.010	mg/L
			Manganese	576	mg/L
			Mercury	0.0002	mg/L
			Nickel	30.1	mg/L
			pH	3.37	pH Unit
			Sulfate	53900	mg/L
			Vanadium	1.32	mg/L
			Zinc	448	mg/L
			SWL	5.26	m
EPA ID	Monthly	Sampled:	Arsenic	<0.010	mg/L

No. 17 - GIP293		21/7/17 Obtained: 31/7/17 Published: 16/08/2017	Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.016 <0.010 1.34 4630 <0.010 16.9 38400 23.7 <0.10 <0.010 299 <0.0001 6.09 4.85 25900 <0.10 61 12.89	mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 18 - GIP294	Monthly	Sampled: 21/7/17 Obtained: 31/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.010 0.021 <0.010 0.412 2320 <0.010 4.87 27700 8.94 <0.10 <0.010 34.7 <0.0001 1.7 7.09 17900 <0.10 22.6 11.65	mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 19 - GIP295	Monthly	Sampled: 12/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper	<0.010 0.043 <0.010 <0.0010 8520 <0.010 0.015 29300 0.016	mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L

			Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.05 <0.010 0.462 <0.0001 0.012 7.77 2580 <0.10 0.019 17.96	mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 20 - GIP296	Monthly	Sampled: 12/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.010 0.027 <0.010 0.0026 2610 <0.010 0.037 17900 0.215 <0.10 <0.010 0.334 <0.0001 0.047 8.25 6680 <0.10 0.218 7.42	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L m
EPA ID No. 21 - GIP297	Monthly	Sampled: 7/7/17 Obtained: 21/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium	0.004 <0.001 <0.001 <0.0001 55 <0.001 <0.001 973 0.004 <0.05 <0.001 0.002 <0.0001 0.001 8.29 175 <0.01	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L

			Zinc SWL	0.010 25.19	mg/L m
EPA ID No. 22 - GIP298	Monthly	Sampled: 24/7/17 Obtained: 31/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.010 <0.010 <0.010 <0.0010 8920 <0.010 0.011 30900 0.025 <0.10 <0.010 0.063 <0.0001 <0.010 7.56 3180 <0.10 <0.050 20.58	mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 23 - GIP299	Monthly	Sampled: 24/7/17 Obtained: 31/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.010 <0.010 <0.010 0.0032 6760 <0.010 <0.010 31600 0.023 <0.10 <0.010 0.033 <0.0001 <0.010 7.4 9840 <0.10 0.061 28.03	mg/L mg/L mg/L mg/L mg/L mg/L mg/L μS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L mg/L m
EPA ID No. 24 - GIP300	Monthly	Sampled: 21/7/17 Obtained: 31/7/17	Arsenic Barium Beryllium Cadmium Chloride Chromium	<0.010 0.029 <0.010 0.0058 8410 <0.010	mg/L mg/L mg/L mg/L mg/L mg/L

		Published: 16/08/2017	Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	0.035 33000 0.066 <0.10 <0.010 0.855 <0.0001 0.034 7.52 6710 <0.10 0.134 19.04	mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 25 - GIP301	Monthly	Sampled: 24/7/17 Obtained: 31/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel pH Sulfate Vanadium Zinc SWL	<0.001 0.016 <0.001 <0.0001 1650 <0.001 <0.001 10000 0.004 <0.05 <0.001 0.672 <0.0001 0.003 7.7 1880 <0.01 <0.005 14.71	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L pH Unit mg/L mg/L mg/L m
EPA ID No. 26 - GIP302	Monthly	Sampled: 24/7/17 Obtained: 31/7/17 Published: 16/08/2017	Arsenic Barium Beryllium Cadmium Chloride Chromium Cobalt Conductivity (EC) Copper Iron Lead Manganese Mercury Nickel	<0.010 <0.010 <0.010 0.0056 9010 <0.010 0.057 32000 0.142 <0.10 <0.010 1.11 <0.0001 0.239	mg/L mg/L mg/L mg/L mg/L mg/L mg/L µS/cm mg/L mg/L mg/L mg/L mg/L mg/L

			pH	7.66	pH Unit
			Sulfate	4350	mg/L
			Vanadium	<0.10	mg/L
			Zinc	0.266	mg/L
			SWL	16.09	m