



# Tritton and Girilambone Operations

## Monthly Environmental Monitoring Report

[January] [2023]

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### **Environmental Protection License 11254**

TRITTON COPPER MINE

YARRANDALE ROAD, HERMIDALE, NSW, 2831

*<http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=11254&id=11254&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>*

### **Environmental Protection License 4501**

TRITTON COPPER MINE

BOORAMUGGA ROAD, GIRILAMBONE, NSW, 2831

*<http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4501&id=4501&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>*

**[JANUARY] [2023] – GROUNDWATER MONITORING REPORT**  
**TRITTON OPERATIONS LICENCE NO.11254**

| Licensee: TRITTON RESOURCES LIMITED<br>EPL No. 11254 |                      |  |  |             |  |
|--|----------------------|--|--|-------------|--|
| Sample Point   | Monitoring Frequency | Date   | Parameter  | Measurement | Unit   |
| EPA ID<br>No. 12 -<br>PZH001                         | Quarterly            | Sampled:<br>23/1/23<br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 7.91        | mg/L <sup>1</sup><br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm <sup>2</sup><br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>m <sup>3</sup> |
| EPA ID<br>No. 13 -<br>PZH002                         | Quarterly            | Sampled:<br>23/1/23<br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH                                       |             | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit   |

<sup>1</sup> Milligrams per litre

<sup>2</sup> Microsiemens per centimetre

<sup>3</sup> Metres

|                              |           |   |  |       |   |
|------------------------------|-----------|---|--|-------|---|
|                              |           |   | Sulfate<br>Vanadium<br>Zinc<br>SWL   | 25.41 | mg/L<br>mg/L<br>mg/L<br>m   |
| EPA ID<br>No. 14 -<br>PZH003 | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br><br>Published:<br>12/04/2023            | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 15 -<br>PZH004 | Quarterly | Sampled:<br>23/1/23<br><br>Obtained:<br>DRY<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 16 -<br>PZH005 | Quarterly | Sampled:<br>23/1/23<br><br>Obtained:  | Arsenic<br>Barium<br>Beryllium<br>Cadmium  |       | mg/L<br>mg/L<br>mg/L<br>mg/L  |

|                              |           |   |  |       |   |
|------------------------------|-----------|---|--|-------|---|
|                              |           | Published:<br>12/04/2023  | Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL  | 8.47  | mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m                                 |
| EPA ID<br>No. 17 -<br>PZH006 | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br><br>Published:<br>12/04/2023              | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 31.45 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 18 -<br>PZH007 | Quarterly | Sampled:<br>23/1/23<br><br>Obtained:<br>D/M/Y<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese  |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L   |

|                              |           |   |  |       |   |
|------------------------------|-----------|---|--|-------|---|
|                              |           |   | Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL  | 35.02 | mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m  |
| EPA ID<br>No. 19 -<br>PZH008 | Quarterly | Sampled:<br>23/1/23<br><br>Obtained:<br>D/M/Y<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 14.87 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 20 -<br>PZH009 | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br>D/M/Y<br><br>Published:<br>12/04/2023     | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 10.68 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID                       | Quarterly | Sampled:  | Arsenic  |       | mg/L  |

|                        |           |   |  |       |   |
|------------------------|-----------|---|--|-------|---|
| No. 22 - PZH013        |           | 23/1/23<br><br>Obtained:<br>DRY<br><br>Published:<br>12/04/2023               | Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL            |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID No. 23 - PZH014 | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br>D/M/Y<br><br>Published:<br>12/04/2023     | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 42.51 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID No. 24 - PZH015 | Quarterly | Sampled:<br>23/1/23<br><br>Obtained:<br>D/M/Y<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper   |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L   |

|                              |           |   |  |       |   |
|------------------------------|-----------|---|--|-------|---|
|                              |           |   | Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL   | 48.57 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m  |
| EPA ID<br>No. 25 -<br>PZH017 | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br>D/M/Y<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 39.89 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 26 -<br>PZH018 | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br>D/M/Y<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium                |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L      |

|                              |           |   |  |       |   |
|------------------------------|-----------|---|--|-------|---|
|                              |           |   | Zinc<br>SWL  | 13.68 | mg/L<br>m   |
| EPA ID<br>No. 27 -<br>PZH019 | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br><br>Published:<br>12/04/2023          | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 28 -<br>PZH020 | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br>D/M/Y<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID No.<br>29 -<br>PZH021 | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br>D/M/Y                                 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium  |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L  |



|                              |           |   |  |       |   |
|------------------------------|-----------|---|--|-------|---|
|                              |           | Published:<br>12/04/2023  | Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL  | 44.88 | mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>m   |
| EPA ID<br>No. 30 -<br>PZH022 | Quarterly | Sampled:<br>23/1/23<br><br>Obtained:<br>DRY<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 31 -<br>PZH023 | Quarterly | Sampled:<br>23/1/23<br><br>Obtained:<br>DRY<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel   |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>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> |
|--|--|--|---|--|---|

**[JANUARY] [2023] – GROUNDWATER MONITORING REPORT**  
**GIRILAMBONE OPERATIONS LICENCE NO.4501**

| Licensee: TRITTON RESOURCES LIMITED<br>EPL No. 4501 |                      |                          |                   |             |         |
|---|----------------------|--------------------------|-------------------|-------------|---------|
| Sample Point  | Monitoring Frequency | Date                     | Parameter         | Measurement | Unit    |
| EPA ID<br>No. 2 -<br>GIP224                         | Monthly              | Sampled:<br>23/1/23      | Arsenic           | 2.95        | mg/L    |
|   |                      |                          | Barium            |             | mg/L    |
|   |                      | Obtained:                | Beryllium         |             | mg/L    |
|   |                      |                          | Cadmium           |             | mg/L    |
|   |                      | Published:<br>12/04/2023 | Chloride          |             | mg/L    |
|   |                      |                          | Chromium          |             | mg/L    |
|   |                      |                          | 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 |
|   |                      |                          | Sulfate           |             | mg/L    |
|   |                      |                          | Vanadium          |             | mg/L    |
| Zinc  | mg/L                 |                          |                   |             |         |
| SWL   | m                    |                          |                   |             |         |
| EPA ID<br>No. 3 -<br>GIP225                         | Monthly              | Sampled:<br>23/1/23      | Arsenic           | 11.06       | mg/L    |
|   |                      |                          | Barium            |             | mg/L    |
|   |                      | Obtained:                | Beryllium         |             | mg/L    |
|   |                      |                          | Cadmium           |             | mg/L    |
|   |                      | Published:<br>12/04/2023 | Chloride          |             | mg/L    |
|   |                      |                          | Chromium          |             | mg/L    |
|   |                      |                          | 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 |
|   |                      |                          | Sulfate           |             | mg/L    |
|   |                      |                          | Vanadium          |             | mg/L    |
| Zinc  | mg/L                 |                          |                   |             |         |
| SWL   | m                    |                          |                   |             |         |

|                             |           |  |  |  |   |
|-----------------------------|-----------|--|--|--|---|
| EPA ID<br>No. 4 -<br>GIP234 | Quarterly | Sampled:<br><br>Obtained:<br><br>Published:<br>12/04/2023        | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |  | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 5 -<br>GIP273 | Quarterly | Sampled:<br><br>Obtained:<br>Published:<br>12/04/2023            | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |  | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 7 -<br>GIP274 | Monthly   | Sampled:<br>23/1/23<br><br>Obtained:<br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)   |  | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm   |

|                             |           |   |  |       |   |
|-----------------------------|-----------|---|--|-------|---|
|                             |           |   | Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL   | 18.91 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>mg/L   |
| EPA ID<br>No. 6 -<br>GIP276 | Quarterly | Sampled:<br><br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 8 -<br>GIP277 | Quarterly | Sampled:<br><br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate                            |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L              |

|                               |           |   |  |  |   |
|-------------------------------|-----------|---|--|--|---|
|                               |           |   | Vanadium<br>Zinc<br>SWL  |  | mg/L<br>mg/L<br>m   |
| EPA ID<br>No. 9 -<br>GIP278   | Quarterly | Sampled:<br><br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |  | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 10 -<br>GIP279A | Quarterly | Sampled:<br><br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |  | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 11 -<br>GIP280A | Quarterly | Sampled:<br>23/1/23<br>Obtained:<br><br>Published:        | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride  |  | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L  |

|                              |         |  |  |   |   |
|------------------------------|---------|--|--|---|---|
|                              |         | 12/04/2023   | Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL  | 22.93   | mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m                                 |
| EPA ID<br>No. 12 -<br>GIP290 | Monthly | Sampled:<br>23/1/23<br>Obtained:<br>2/3/23<br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 0.001<br>0.008<br>0.001<br>0.0043<br>3720<br>0.002<br>0.002<br>17900<br>0.02<br>0.09<br>0.002<br>0.256<br>0.0002<br>0.002<br>7.62<br>4080<br>0.01<br>0.075<br>12.79 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 13 -<br>GIP291 | Monthly | Sampled:<br>23/1/23<br>Obtained:<br>Published:<br>12/04/2023           | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury   |   | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L   |

|                                |         |   | Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL   |  | mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m  |
|--------------------------------|---------|---|--|--|---|
| EPA ID<br>No. 14 -<br>GIP292A  | Monthly | Sampled:<br>9/1/23<br><br>Obtained:<br>2/3/23<br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 0.01<br>0.10<br>0.01<br>4.96<br>1870<br>0.20<br>75.8<br>33800<br>346<br>102<br>0.10<br>664<br>0.01<br>27<br>3.55<br>39700<br>0.21<br>383<br>6.48   | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m         |
| EPA ID<br>No. 16 -<br>GIP292AS | Monthly | Sampled:<br>9/1/23<br>Obtained:<br>2/3/23<br>Published:<br>12/04/2023     | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 0.10<br>0.10<br>0.36<br>5.46<br>1600<br>0.72<br>89.4<br>29600<br>404<br>584<br>0.10<br>587<br>0.01<br>25.2<br>3.39<br>36700<br>0.69<br>394<br>6.16 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 17 -             | Monthly | Sampled:<br>9/1/23  | Arsenic<br>Barium  | 0.10<br>0.11   | mg/L<br>mg/L  |





|                              |         |   |  |  |   |
|------------------------------|---------|---|--|--|---|
|                              |         |   | Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL   | 18.31  | mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m  |
| EPA ID<br>No. 20 -<br>GIP296 | Monthly | Sampled:<br>9/1/23<br><br>Obtained:<br>2/3/23<br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 0.01<br>0.08<br>0.01<br>0.09<br>646<br>0.01<br>0.14<br>11700<br>0.63<br>0.08<br>0.001<br>0.107<br>0.001<br>0.08<br>7.77<br>5460<br>0.01<br>0.076<br>5.51 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 21 -<br>GIP297 | Monthly | Sampled:<br>9/1/23<br>Obtained:<br>2/3/23<br>Published:<br>12/04/2023     | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc        | 0.005<br>0.002<br>0.001<br>0.0006<br>122<br>0.001<br>0.005<br>1190<br>0.054<br>0.05<br>0.001<br>0.1<br>0.001<br>0.003<br>7.81<br>235<br>0.01<br>0.075    | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L      |

|                              |         |  |  |       |   |
|------------------------------|---------|--|--|-------|---|
|                              |         |  | SWL  | 26.09 | m   |
| EPA ID<br>No. 22 -<br>GIP298 | Monthly | Sampled:<br>23/1/23<br><br>Obtained:<br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 23 -<br>GIP299 | Monthly | Sampled:<br>23/1/23<br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>μS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 24 -<br>GIP300 | Monthly | Sampled:<br>23/1/23<br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt  |       | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L  |

|                              |         |  |  |  |   |
|------------------------------|---------|--|--|--|---|
|                              |         |  | Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL  | 22.19  | µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m   |
| EPA ID<br>No. 25 -<br>GIP301 | Monthly | Sampled:<br>23/1/23<br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH<br>Sulfate<br>Vanadium<br>Zinc<br>SWL | 11.52  | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit<br>mg/L<br>mg/L<br>mg/L<br>m |
| EPA ID<br>No. 26 -<br>GIP302 | Monthly | Sampled:<br>30/1/23<br>Obtained:<br><br>Published:<br>12/04/2023 | Arsenic<br>Barium<br>Beryllium<br>Cadmium<br>Chloride<br>Chromium<br>Cobalt<br>Conductivity (EC)<br>Copper<br>Iron<br>Lead<br>Manganese<br>Mercury<br>Nickel<br>pH                                       | 0.01<br>0.01<br>0.01<br>0.004<br>9020<br>0.026<br>0.02<br>33800<br>0.156<br>0.2<br>0.01<br>0.74<br>0.0001<br>0.049<br>7.56 | mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>µS/cm<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>mg/L<br>pH Unit                      |

|  |  |  |          |       |      |
|--|--|--|----------|-------|------|
|  |  |  | Sulfate  | 5050  | mg/L |
|  |  |  | Vanadium | 0.1   | mg/L |
|  |  |  | Zinc     | 0.113 | mg/L |
|  |  |  | SWL      | 15.19 | m    |