|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream**  | **Tambo River Downstream**  | **Tailings Dam**  |
| 8-Jan-07 | 7.68 | 6.84 | 8.62 | 7.51 | 6.77 |
| 4-Apr-07 | 7.84 | 7.08 | 7.19 | 7.02 | 7.89 |
| 3-Jul-07 | 6.60 | 6.65 | 7.06 | 7.01 | 7.40 |
| 1-Oct-07 | 6.87 | 6.5 | 6.99 | 6.68 | 7.01 |
| 6-Jan-08 | 7.43 | 6.61 | 7.08 | 6.96 | 7.52 |
| 5-May-08 | 7.10 | 6.68 | 7.57 | 6.98 | 7.10 |
| 24-Sep-08 | 7.97 | 6.77 | 7.46 | 7.53 | 7.41 |
| 3-Apr-09 | 7.99 | 6.72 | 7.89 | 6.72 | 6.89 |
| 24-Oct-09 | 8.09 | 6.72 | 8.49 | 6.63 | 7.55 |
| 16-Feb-10 | 6.78 | 6.67 | 6.50 | 6.85 | 7.48 |
| 28-Apr-10 | 7.01 | 6.39 | 6.82 | 6.40 | 7.09 |
| 7-Dec-10 | 6.62 | 6.31 | 7.19 | 6.97 | 7.00 |
| 11-Mar-11 | 7.35 | 6.3 | 6.67 | 6.77 | 6.64 |
| 29-Jun-11 | 6.95 | 6.35 | 8.12 | 7.24 | 6.78 |
| 13-Dec-11 | 7.21 | 6.41 | 7.75 | 7.64 | 7.19 |
| 12-Jul-12 | 6.43 | 6.57 | 6.90 | 7.15 | 6.89 |
| 19-Dec-12 | 6.69 | 6.24 | 7.34 | 7.68 | 7.30 |
| 16-Apr-13 | 7.55 | 6.36 |   | 7.12 | 7.32 |
| 17-Jul-13 | 7.41 | 7.29 | 7.77 | 7.65 | 7.30 |
| 16-Oct-13 | 7.40 | 7.8 | 7.60 | 7.60 | 7.36 |
| 15-Jan-14 | 7.74 | 6.74 | 7.30 | 7.15 | 7.97 |
| 15-Apr-14 | 7.44 | 6.79 | 7.60 | 7.29 | 7.23 |
| 23-Jul-14 | 7.23 | 6.72 | 7.50 | 7.28 | 7.59 |
| 22-Oct-14 | 7.55 | 6.44 | 7.00 | 7.37 | 7.41 |
| 21-Jan-15 | 7.29 | 6.68 | 7.63 | 7.19 | 7.58 |
| 15-Apr-15 | 7.65 | 6.69 | 8.12 | 8.12 | 8.35 |
| 22-Jul-15 | 7.40 | 6.5 | 7.70 | 7.50 | 7.60 |
| 22-Oct-15 | 7.46 | 6.56 | 7.57 | 7.60 | 7.90 |
| 20-Jan-16 | 7.18 | 6.47 | 6.90 | 7.11 | 7.74 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream**  | **Tambo River Downstream**  | **Tailings Dam** |
| 17-Aug-16 | 7.52 | 6.61 | 7.50 | 7.34 | 7.55 |
| 26-Oct-16 | 7.60 | 6.4 | 7.50 | 7.60 | 7.70 |
| 18-Jan-17 | 7.50 | 6.8 | 7.50 | 7.70 | 7.60 |
| 19-Apr-17 | 7.40 | 6.8 | 7.20 | 7.70 | 7.80 |
| 11-Oct-17 | 7.76 | 6.78 | 7.70 | 7.96 | 8.37 |
| 20-Dec-17 | 7.70 | 6.9 | 7.60 | 7.80 | 8.70 |
| 21-Mar-18 | 7.80 | 6.6 | 7.60 | 7.80 | 8.60 |
| 27-Feb-19 | 7.59 | 6.58 |   | 7.48 | 7.65 |
| 17-Apr-19 | 7.88 | 6.62 | 7.71 | 7.17 | 7.56 |
| 30-May-19 | 7.66 | 6.67 | 8.01 | 7.94 | 7.86 |
| 19-Jun-19 | 7.61 | 6.67 | 7.86 | 7.52 | 7.36 |
| 23-Jul-19 | 7.63 | 6.74 | 7.83 | 7.92 | 7.16 |
| 22-Aug-19 | 7.66 | 6.67 | 8.11 | 7.91 | 7.14 |
| 24-Sep-19 | 7.46 | 6.92 | 8.01 | 7.69 | 7.09 |
| 25-Nov-19 | 7.66 | 6.87 | 9.09 | 7.19 | 7.53 |
| 18-Dec-19 | 8.02 | 6.66 | 9.30 | 7.95 | 6.91 |
| 26-Feb-20 | 7.87 | 6.83 | 7.86 | 7.56 | 7.17 |
| 25-Mar-20 | 7.80 | 6.57 |   | 7.63 | 7.78 |
| 29-Apr-20 | 7.62 | 6.48 | 7.29 |   | 8.32 |
| 1-May-20 | 7.65 | 6.52 | 7.87 | 7.19 | 8.39 |
| 25-Jun-20 |   |   |   |   | 8.15 |

## Please note that data post October 2018 has been sampled by a different environmental consultancy than prior to October 2018. The dates presented may be ± one day. Missing data may be due to inability to sample because of site conditions such as no flow, bushfire preventing access, etc.

## Benambra Surface Water Sampling Results - pH



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream**  | **Tambo River Downstream**  | **Tailings Dam**  |
| 8-Jan-07 | 0.0060  | 0.0010  | 0.006 | 0.0130  | 0.0040 |
| 4-Apr-07 | 0.0020  | 0.0000  | 0.0010  |  | 0.0020 |
| 3-Jul-07 | 0.0040  | 0.0020  | 0.0030  | 0.0060  | 0.0290 |
| 1-Oct-07 | 0.0020  | 0.0000  | 0.0000 | 0.0020  | 0.0120 |
| 6-Jan-08 | 0.0000  | 0.0000  | 0.0010  | 0.0030  | 0.0050 |
| 5-May-08 | 0.0000  | 0.00001 | 0.0000  | 0.0020  | 0.0070 |
| 24-Sep-08 | 0.0010  | 0.002 | 0.0010  | 0.0050  | 0.0090 |
| 3-Apr-09 | 0.0010  | 0.0001 | 0.0001  | 0.0410  | 0.0060 |
| 24-Oct-09 | 0.0040  | 0.001 | 0.0020  | 0.0090  | 0.0200 |
| 16-Feb-10 | 0.0020  | 0.001 | 0.0010  | 0.0230  |   |
| 28-Apr-10 | 0.0001  | 0.0001 | 0.0001  | 0.0060  | 0.0070 |
| 7-Dec-10 | 0.0020  | 0.0010  | 0.0010  | 0.0040  | 0.0150 |
| 11-Mar-11 | 0.0010  | 0.0010  | 0.0010  |   | 0.0050 |
| 29-Jun-11 | 0.0010  | 0.0010  | 0.0010  | 0.0020  | 0.0080 |
| 13-Dec-11 | 0.0020  | 0.001 | 0.0010  | 0.0020  | 0.0100 |
| 12-Jul-12 | 0.0040  | 0.0010  | 0.0010  | 0.0030  | 0.0110 |
| 19-Dec-12 | 0.0020  | 0.0020  | 0.0020  | 0.0040  | 0.0150 |
| 16-Apr-13 | 0.0050  | 0.005 | 0.0090  | 0.0080  | 0.0070 |
| 17-Jul-13 | 0.0020  | 0.001 | 0.0020  | 0.0040  | 0.0120 |
| 16-Oct-13 | 0.0020  | 0.0010  | 0.0040  | 0.0040  | 0.0130 |
| 15-Jan-14 | 0.0020  | 0.003 | 0.005 | 0.002 | 0.0080 |
| 15-Apr-14 | 0.001 | 0.0010  | 0.0010  | 0.004 | 0.0040 |
| 23-Jul-14 | 0.0003 | 0.0010  | 0.002 | 0.005 | 0.0110 |
| 22-Oct-14 | 0.001 | 0.0010  | 0.002 | 0.002 | 0.0100 |
| 21-Jan-15 | 0.001 | 0.0010  | 0.0010  | 0.003 | 0.0070 |
| 15-Apr-15 | 0.0010  | 0.002 | 0.0010  | 0.001 | 0.0060 |
| 22-Jul-15 | 0.002 | 0.0010  | 0.001 | 0.006 | 0.0080 |
| 22-Oct-15 | 0.001 | 0.0010  | 0.0010  | 0.003 | 0.0090 |
| 20-Jan-16 | 0.003 | 0.0010  | 0.0010  | 0.002 | 0.0070 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream**  | **Tambo River Downstream**  | **Tailings Dam**  |
| 17-Aug-16 | 0.002 | 0.0010  | 0.0010  | 0.002 | 0.0100 |
| 26-Oct-16 | 0.004 | 0.002 | 0.005 | 0.006 | 0.0170 |
| 18-Jan-17 | 0.0010  | 0.0010  | 0.0010  | 0.002 | 0.0070 |
| 19-Apr-17 | 0.001 | 0.0010  | 0.0010  | 0.003 | 0.0060 |
| 11-Oct-17 | 0.0010  | 0.0010  | 0.0010  | 0.001 | 0.0070 |
| 20-Dec-17 | 0.0010  | 0.0010  | 0.0010  | 0.001 | 0.0040 |
| 21-Mar-18 | 0.0010  | 0.0010  | 0.0010  | 0.001 | 0.0030 |
| 17-Oct-18 | <0.001 | <0.001 | <0.001 | 0.002 | 0.0080 |
| 20-Nov-18 | 0.0010  | <0.001 | <0.001 | 0.002 | 0.0090 |
| 19-Dec-18 | <0.001 | <0.001 | <0.001 | 0.002 | 0.0060 |
| 22-Jan-19 | 0.0010  | <0.001 |   |   | 0.0080 |
| 26-Mar-19 | <0.001 | <0.001 |   |   | 0.0030 |
| 17-Apr-19 | <0.001 | <0.001 | <0.001 | 0.001 | 0.0040 |
| 30-May-19 | <0.001 | <0.001 | <0.001 | 0.002 | 0.0070 |
| 19-Jun-19 | <0.001 | <0.001 | <0.001 | 0.001 | 0.0070 |
| 23-Jul-19 | <0.001 | <0.001 | <0.001 | 0.002 | 0.0110 |
| 22-Aug-19 | <0.001 | 0.0010  | <0.001 | 0.004 | 0.0100 |
| 24-Sep-19 | <0.001 | <0.001 | <0.001 | 0.002 | 0.0120 |
| 25-Nov-19 | <0.001 | <0.001 | <0.001 | 0.004 | 0.0100 |
| 18-Dec-19 | <0.001 | <0.001 | <0.001 | 0.005 | 0.0080 |
| 26-Feb-20 | <0.001 | <0.001 | <0.001 | 0.006 | 0.0050 |
| 25-Mar-20 | <0.001 | <0.001 |   | 0.002 | 0.0040 |
| 29-Apr-20 | <0.001 | 0.0140  | <0.001 |   | 0.0040 |
| 1-May-20 | <0.001 | <0.001 | 0.0080  | 0.003 |  <0.001 |
| 25-Jun-20 | 0.001  | <0.001 | <0.001 | 0.005 |  0.008 |
| 30-Jul-20 | 0.001 | <0.001 | <0.001 | 0.013 | 0.0150 |
| 25-Aug-20 | 0.001 | <0.001 |  |  | 0.0220 |

## Please note that data post October 2018 has been sampled by a different environmental consultancy than prior to October 2018. The dates presented may be ± one day. Missing data may be due to inability to sample because of site conditions such as no flow, bushfire preventing access, etc.

## Benambra Surface Water Sampling Results – Copper (total) (mg/L)



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream**  | **Tambo River Downstream**  | **Tailings Dam**  |
| 8-Jan-07 | 0.033 | 0.0180  | 0.0080  | 0.0130  | 0.3370 |
| 4-Apr-07 | 0.015 | 0.0080  | 0.0100  |  | 0.1220 |
| 3-Jul-07 | 0.031 | 0.0080  | 0.0100  | 0.0470  | 0.9700 |
| 1-Oct-07 | 0.011 | 0.0100  | 0.0050  | 0.0120  | 0.9140 |
| 6-Jan-08 | 0.009 | 0.0040  | 0.0070  | 0.0330  | 0.2540 |
| 5-May-08 | 0.014 | 0.0120  | 0.0070  | 0.0220  | 0.1800 |
| 24-Sep-08 | 0.01 | 0.0830  | 0.0050  | 0.0350  | 0.5260 |
| 3-Apr-09 | 0.005 | 0.0140  | 0.0050  | 0.2730  | 0.1310 |
| 24-Oct-09 | 0.018 | 0.0090  | 0.0050  | 0.0460  | 0.6560 |
| 16-Feb-10 | 0.013 | 0.0150  | 0.0060  | 0.1320  |   |
| 28-Apr-10 | 0.005 | 0.0090  | 0.0050  | 0.0860  | 0.0950 |
| 7-Dec-10 | 0.014 | 0.0110  | 0.0070  | 0.0240  | 0.4850 |
| 11-Mar-11 | 0.006 | 0.0060  | 0.0410  |   | 0.1950 |
| 29-Jun-11 | 0.009 | 0.0050  | 0.0060  | 0.0290  | 0.2140 |
| 13-Dec-11 | 0.01 | 0.0050  | 0.0050  | 0.0200  | 0.1830 |
| 12-Jul-12 | 0.014 | 0.0080  | 0.0060  | 0.0250  | 0.1810 |
| 19-Dec-12 | 0.01 | 0.0180  | 0.0060  | 0.0120  | 0.2210 |
| 16-Apr-13 | 0.088 | 0.1100  | 0.0490  | 0.1020  | 0.1090 |
| 17-Jul-13 | 0.007 | 0.0050  | 0.0080  | 0.0250  | 0.1460 |
| 16-Oct-13 | 0.016 | 0.0100  | 0.0160  | 0.0270  | 0.1930 |
| 15-Jan-14 | 0.02 | 0.018 | 0.033 | 0.025 | 0.0530 |
| 15-Apr-14 | 0.025 | 0.017 | 0.026 | 0.064 | 0.0250 |
| 23-Jul-14 | 0.033 | 0.015 | 0.028 | 0.064 | 0.1420 |
| 22-Oct-14 | 0.033 | 0.009 | 0.02 | 0.032 | 0.1310 |
| 21-Jan-15 | 0.009 | 0.0050  | 0.006 | 0.024 | 0.0190 |
| 15-Apr-15 | 0.012 | 0.062 | 0.02 | 0.009 | 0.0430 |
| 22-Jul-15 | 0.024 | 0.007 | 0.032 | 0.069 | 0.0840 |
| 22-Oct-15 | 0.012 | 0.012 | 0.01 | 0.021 | 0.0690 |
| 20-Jan-16 | 0.016 | 0.007 | 0.011 | 0.028 | 0.0150 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream**  | **Tambo River Downstream**  | **Tailings Dam**  |
| 17-Aug-16 | 0.016 | 0.0050  | 0.0050  | 0.017 | 0.1440 |
| 26-Oct-16 | 0.017 | 0.033 | 0.063 | 0.053 | 0.1910 |
| 18-Jan-17 | 0.009 | 0.011 | 0.01 | 0.025 | 0.0270 |
| 19-Apr-17 | 0.016 | 0.0050  | 0.02 | 0.034 | 0.0200 |
| 11-Oct-17 | 0.005 | 0.0050  | 0.0050  | 0.009 | 0.0690 |
| 20-Dec-17 | 0.005 | 0.0050  | 0.0050  | 0.012 | 0.0070 |
| 21-Mar-18 | 0.0070  | 0.0050  | 0.0180  | 0.011 | 0.0070 |
| 17-Oct-18 | <0.005 | 0.0080  | <0.005 | 0.013 | 0.0680 |
| 20-Nov-18 | 0.0070  | 0.0090  | <0.005 | 0.017 | 0.0520 |
| 19-Dec-18 | <0.005 | 0.0100  | <0.005 | 0.012 | 0.0120 |
| 22-Jan-19 | <0.005 | 0.0120  |   |   | 0.0390 |
| 26-Mar-19 | <0.005 | 0.0170  |   |   | 0.0080 |
| 17-Apr-19 | <0.005 | 0.0150  | <0.005 | 0.016 | 0.0170 |
| 30-May-19 | <0.005 | 0.0090  | <0.005 | 0.013 | 0.0280 |
| 19-Jun-19 | <0.005 | 0.0070  | <0.005 | 0.03 | 0.0500 |
| 23-Jul-19 | <0.005 | 0.0100  | <0.005 | 0.026 | 0.0930 |
| 22-Aug-19 | <0.005 | 0.0080  | <0.005 | 0.026 | 0.1060 |
| 24-Sep-19 | <0.005 | 0.0060  |   | 0.02 | 0.1140 |
| 25-Nov-19 | <0.005 | 0.0100  | <0.005 | 0.026 | 0.0390 |
| 18-Dec-19 | <0.005 | 0.0110  | 0.0100  | 0.009 | 0.0180 |
| 26-Feb-20 | <0.005 | 0.0180  | <0.005 | 0.01 | 0.0100 |
| 25-Mar-20 | <0.005 | 0.0180  |   | 0.007 | 0.0110 |
| 29-Apr-20 | <0.005 | 0.0560  | <0.005 |   | 0.0250 |
| 1-May-20 | <0.005 | 0.0130  | 0.0470  | 0.038 | <0.005  |
| 25-Jun-20 | <0.005  | 0.0110  | <0.005 | 0.05 |  0.0570 |
| 30-Jul-20 | 0.007 | 0.0090 | <0.005 | 0.137 | 0.137 |
| 25-Aug-20 | 0.006 | 0.008 |  |  | 0.179 |

## Please note that data post October 2018 has been sampled by a different environmental consultancy than prior to October 2018. The dates presented may be ± one day. Missing data may be due to inability to sample because of site conditions such as no flow, bushfire preventing access, etc.

## Benambra Surface Water Sampling Results – Zinc (total)(mg/L)



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream** | **Tambo River Downstream**  | **Tailings Dam**  |
| 8-Jan-07 | 0.000  | 0.010  | 0.000  | 0.000  | 0.002  |
| 4-Apr-07 | 0.000  | 0.004  | 0.000  | 0.000  | 0.000  |
| 3-Jul-07 | 0.001  | 0.002  | 0.000  | 0.000  | 0.000  |
| 1-Oct-07 | 0.000  | 0.002  | 0.000  | 0.000  | 0.000  |
| 6-Jan-08 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 5-May-08 | 0.000 | 0.001  | 0.000  | 0.000  | 0.000  |
| 24-Sep-08 | <0.001 | <0.001 | <0.0001 | <0.0001 | <0.0001 |
| 3-Apr-09 | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |
| 24-Oct-09 | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |
| 16-Feb-10 | 0.001  | 0.002  | 0.001  | 0.001  | 0.001  |
| 28-Apr-10 | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |
| 7-Dec-10 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 11-Mar-11 | <0.001 | <0.001 | <0.001 |   | <0.001 |
| 29-Jun-11 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 13-Dec-11 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 12-Jul-12 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 19-Dec-12 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 16-Apr-13 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 17-Jul-13 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 16-Oct-13 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 15-Jan-14 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 15-Apr-14 | <0.001 | <0.001 | <0.001 | <0.001 | 0.025 |
| 23-Jul-14 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 22-Oct-14 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 21-Jan-15 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 15-Apr-15 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 22-Jul-15 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 22-Oct-15 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 20-Jan-16 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream** | **Tambo River Downstream**  | **Tailings Dam**  |
| 17-Aug-16 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 26-Oct-16 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 18-Jan-17 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 19-Apr-17 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 11-Oct-17 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 20-Dec-17 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 21-Mar-18 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 17-Oct-18 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 20-Nov-18 | 0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 19-Dec-18 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 22-Jan-19 | <0.001 | 0.001 |   |   | 0.001 |
| 26-Mar-19 | <0.001 | <0.001 |   |   | <0.001 |
| 17-Apr-19 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 30-May-19 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 19-Jun-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 23-Jul-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 22-Aug-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 24-Sep-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 25-Nov-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 18-Dec-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 26-Feb-20 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 25-Mar-20 | <0.001 | <0.001 |  | <0.001 | 0.001 |
| 29-Apr-20 | <0.001 | 0.002 | <0.001 |  | <0.001 |
| 1-May-20 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 |
| 25-Jun-20 | <0.001  | <0.001 | <0.001 | <0.001 | 0.0020 |
| 30-Jul-20 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 25-Aug-20 | <0.001 | <0.001 |  |  | <0.001 |

## Benambra Surface Water Sampling Results – Arsenic (total) (mg/L)

## Please note that data post October 2018 has been sampled by a different environmental consultancy than prior to October 2018. The dates presented may be ± one day. Missing data may be due to inability to sample because of site conditions such as no flow, bushfire preventing access, etc.



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream** | **Tambo River Downstream**  | **Tailings Dam**  |
| 8-Jan-07 | 0.0009 | 0.0030  | 0.0000  | 0.0000  | 0.0000  |
| 4-Apr-07 | 0.0009 | 0.0000  | 0.0000  |  | 0.0000  |
| 3-Jul-07 | 0.0009 | 0.0000  | 0.0000  | 0.0000  | 0.0010  |
| 1-Oct-07 | 0.0009 | 0.0020  | 0.0000  | 0.0000  | 0.0000  |
| 6-Jan-08 | 0.0009 | 0.0000  | 0.0000  | 0.0000  | 0.0000  |
| 5-May-08 | 0.0009 | 0.0000  | 0.0000  | 0.0000  | 0.0000  |
| 24-Sep-08 | <0.001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| 3-Apr-09 | 0.001 | 0.0010  | 0.0010  | 0.0010  | 0.0010  |
| 24-Oct-09 | 0.001 | 0.0010  | 0.0010  | 0.0010  | 0.0010  |
| 16-Feb-10 | 0.001 | 0.0010  | 0.0010  | 0.0010  |  |
| 28-Apr-10 | 0.001 | 0.0010  | 0.0010  | 0.0010  | 0.0010  |
| 7-Dec-10 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 11-Mar-11 | <0.001 | <0.001 | <0.001 |  | <0.001 |
| 29-Jun-11 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 13-Dec-11 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 12-Jul-12 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 19-Dec-12 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 16-Apr-13 | 0.002 | 0.0040  | 0.0030  | 0.0060  | 0.001 |
| 17-Jul-13 | 0.001 | 0.0010  | 0.0010  | 0.0010  | 0.001 |
| 16-Oct-13 | <0.001 | <0.001 | 0.002 | <0.001 | 0.004 |
| 15-Jan-14 | <0.001 | <0.001 | 0.002 | <0.001 | 0.004 |
| 15-Apr-14 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 23-Jul-14 | 0.004 | <0.001 | 0.004 | 0.001 | 0.002 |
| 22-Oct-14 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 21-Jan-15 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 15-Apr-15 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 |
| 22-Jul-15 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 22-Oct-15 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 20-Jan-16 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Straight Creek (Drillers Dam)** | **Wetland V Notch** | **Tambo River Upstream** | **Tambo River Downstream**  | **Tailings Dam**  |
| 17-Aug-16 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 |
| 26-Oct-16 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 |
| 18-Jan-17 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 19-Apr-17 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 11-Oct-17 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 20-Dec-17 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 21-Mar-18 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 17-Oct-18 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 20-Nov-18 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 |
| 19-Dec-18 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 22-Jan-19 | <0.001 | <0.001 |   |   | 0.002 |
| 26-Mar-19 | <0.001 | <0.001 |   |   | <0.001 |
| 17-Apr-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 30-May-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 19-Jun-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 23-Jul-19 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 22-Aug-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 24-Sep-19 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 25-Nov-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 18-Dec-19 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 26-Feb-20 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 25-Mar-20 | <0.001 | <0.001 |   | <0.001 | <0.001 |
| 29-Apr-20 | <0.001 | 0.004 | <0.001 |   | <0.001 |
| 1-May-20 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001  |
| 25-Jun-20 | <0.001  | <0.001 | <0.001 | <0.001 | <0.001  |
| 30-Jul-20 | <0.001 | 0.001 | <0.001 | 0.001 | 0.002 |
| 25-Aug-20 | <0.001 | <0.001 |  |  | 0.002 |



## Please note that data post October 2018 has been sampled by a different environmental consultancy than prior to October 2018. The dates presented may be ± one day. Missing data may be due to inability to sample because of site conditions such as no flow, bushfire preventing access, etc.

## Benambra Surface Water Sampling Results – Lead (total) (mg/L)