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HENDRINA POWER STATION

CHEMICAL ANALYSIS : TRIHALOMETHANES

Date Received : 7 January 2010

| Analysis Results - µg/l [ppb] | Main Lab Drinking Water | Optimum Mine Drinking Water |
|-------------------------------|----------------------------|--------------------------------|
| <i>Chloroform</i> | <5 | <5 |
| <i>Bromodichloromethane</i> | 15 | 30 |
| <i>Chlorodibromomethane</i> | <10 | <10 |
| <i>Bromoform</i> | <2 | <2 |
| <i>Trichloroethylene</i> | <5 | <5 |

| Analysis Results - µg/l [ppb] | Sewage Pump House Drinking Water | Water Treatment plant |
|-------------------------------|--|--------------------------|
| <i>Chloroform</i> | <5 | <5 |
| <i>Bromodichloromethane</i> | 33 | 38 |
| <i>Chlorodibromomethane</i> | 12 | 12 |
| <i>Bromoform</i> | <2 | <2 |
| <i>Trichloroethylene</i> | <5 | <5 |

ppb - parts per billion

STANDARDS 241 (2006)

Class 1 (acceptable) < 200 µg/l
Class 2 (max. allowable) 200 - 300 µg/l



HENDRINA POWER STATION

CHEMICAL ANALYSIS : TRIHALOMETHANES

Date Received : 9 February 2010

| Analysis Results - µg/l [ppb] | Water Plant | LAB |
|-------------------------------|-------------|-----|
| <i>Chloroform</i> | <5 | <5 |
| <i>Bromodichloromethane</i> | 92 | 73 |
| <i>Chlorodibromomethane</i> | 21 | 16 |
| <i>Bromoform</i> | <2 | <2 |
| <i>Trichloroethylene</i> | <5 | <5 |

| Analysis Results - µg/l [ppb] | Pump Station | Optimum Colliery. |
|-------------------------------|--------------|-------------------|
| <i>Chloroform</i> | <5 | <5 |
| <i>Bromodichloromethane</i> | 44 | 80 |
| <i>Chlorodibromomethane</i> | 11 | 17 |
| <i>Bromoform</i> | <2 | <2 |
| <i>Trichloroethylene</i> | <5 | <5 |

ppb - parts per billion

STANDARDS 241 (2006)

| | |
|---------------------------------|----------------|
| <i>Class 1 (acceptable)</i> | < 200 µg/l |
| <i>Class 2 (max. allowable)</i> | 200 - 300 µg/l |

HENDRINA POWER STATION

CHEMICAL ANALYSIS : TRIHALOMETHANES

Date Received : 4 March 2010

| Analysis Results - µg/l [ppb] | Water Plant | LAB |
|-------------------------------|-------------|-----|
| <i>Chloroform</i> | <5 | <5 |
| <i>Bromodichloromethane</i> | 20 | 36 |
| <i>Chlorodibromomethane</i> | 14 | <10 |
| <i>Bromoform</i> | <2 | <2 |
| <i>Trichloroethylene</i> | <5 | <5 |

| Analysis Results - µg/l [ppb] | Pump Station | Optimum Colliery Tap |
|-------------------------------|--------------|----------------------|
| <i>Chloroform</i> | <5 | <5 |
| <i>Bromodichloromethane</i> | 60 | 45 |
| <i>Chlorodibromomethane</i> | 12 | <10 |
| <i>Bromoform</i> | <2 | <2 |
| <i>Trichloroethylene</i> | <5 | <5 |

ppb - parts per billion

STANDARDS 241 (2006)

| | |
|---------------------------------|----------------|
| <i>Class 1 (acceptable)</i> | < 200 µg/l |
| <i>Class 2 (max. allowable)</i> | 200 - 300 µg/l |