

B2. Concentration Monitoring Summary

For each concentration monitoring point identified in your licence, details are displayed below. If concentration monitoring is not required by your licence, **no data** will appear below.

If data was provided from an uploaded file, the file name will be displayed below instead of any data.

Note that this does not exclude the need to conduct appropriate concentration monitoring of assessable pollutants as required by load-based licensing (if applicable).

Monitoring Point 1

Groundwater quality monitoring, Groundwater monitoring well labelled 'BH4' on drawing titled 'Figure 1: Well locations' provided to the EPA on 22 September 2015.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Benzene	micrograms per litre	1 per 2 years	1	<1	<1	<1
Toluene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Ethyl benzene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Xylene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Polycyclic aromatic hydrocarbons	micrograms per litre	1 per 2 years	1	<2	<2	<2
Total petroleum hydrocarbons	micrograms per litre	1 per 2 years	1	<50	<50	<50
Tetrachloroethene (tetrachloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Trichloroethene (Trichloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Vinyl chloride	micrograms per litre	1 per 2 years	1	<50	<50	<50
1,1-Dichloroethene	micrograms per litre	1 per 2 years	1	<5	<5	<5
1,2-Dichloroethylene	micrograms per litre	1 per 2 years	1	13	13	13
Hexachlorobenzene	micrograms per litre	1 per 2 years	1	<4	<4	<4
Chlorobenzene	micrograms per litre	1 per 2 years	1	<5	<5	<5
Arsenic (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Cadmium (dissolved)	micrograms per litre	1 per 2 years	1	<0.1	<0.1	<0.1
Chromium (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Copper (dissolved)	micrograms per litre	1 per 2 years	1	5	5	5
Lead (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Mercury (dissolved)	micrograms per cubic metre	1 per 2 years	1	<100	<100	<100
Nickel (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Zinc (dissolved)	micrograms per litre	1 per 2 years	1	9	9	9

Monitoring Point 2

Groundwater quality monitoring, Groundwater monitoring well labelled 'BH17' on drawing titled 'Figure 1: Well locations' provided to the EPA on 22 September 2015.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Benzene	micrograms per litre	1 per 2 years	1	<1	<1	<1
Toluene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Ethyl benzene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Xylene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Polycyclic aromatic hydrocarbons	micrograms per litre	1 per 2 years	1	<2	<2	<2
Total petroleum hydrocarbons	micrograms per litre	1 per 2 years	1	<50	<50	<50
Tetrachloroethene (tetrachloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Trichloroethene (Trichloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Vinyl chloride	micrograms per litre	1 per 2 years	1	<50	<50	<50
1,1-Dichloroethene	micrograms per litre	1 per 2 years	1	<5	<5	<5
1,2-Dichloroethylene	micrograms per litre	1 per 2 years	1	<5	<5	<5
Hexachlorobenzene	micrograms per litre	1 per 2 years	1	<4	<4	<4
Chlorobenzene	micrograms per litre	1 per 2 years	1	<5	<5	<5
Arsenic (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Cadmium (dissolved)	micrograms per litre	1 per 2 years	1	<0.1	<0.1	<0.1
Chromium (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Copper (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Lead (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Mercury (dissolved)	micrograms per cubic metre	1 per 2 years	1	<100	<100	<100
Nickel (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1

Zinc (dissolved)	micrograms per litre	1 per 2 years	1	<5	<5	<5
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Monitoring Point 3

Groundwater quality monitoring, Groundwater monitoring well labelled 'BH101' on drawing titled 'Figure 1: Well locations' provided to the EPA on 22 September 2015.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Benzene	micrograms per litre	1 per 2 years	1	<1	<1	<1
Toluene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Ethyl benzene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Xylene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Polycyclic aromatic hydrocarbons	micrograms per litre	1 per 2 years	1	<2	<2	<2
Total petroleum hydrocarbons	micrograms per litre	1 per 2 years	1	200	200	200
Arsenic (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Cadmium (dissolved)	micrograms per litre	1 per 2 years	1	<0.1	<0.1	<0.1
Chromium (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Copper (dissolved)	micrograms per litre	1 per 2 years	1	7	7	7
Lead (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Mercury (dissolved)	micrograms per cubic metre	1 per 2 years	1	<100	<100	<100
Nickel (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Zinc (dissolved)	micrograms per litre	1 per 2 years	1	15	15	15

Monitoring Point 4

Groundwater quality monitoring, Groundwater monitoring well labelled 'BH16' on drawing titled 'Figure 1: Well locations' provided to the EPA on 22 September 2015.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Benzene	micrograms per litre	1 per 2 years	1	<1	<1	<1
Toluene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Ethyl benzene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Xylene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Polycyclic aromatic hydrocarbons	micrograms per litre	1 per 2 years	1	<2	<2	<2
Total petroleum hydrocarbons	micrograms per litre	1 per 2 years	1	70	70	70
Tetrachloroethene (tetrachloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Trichloroethene (Trichloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Vinyl chloride	micrograms per litre	1 per 2 years	1	<50	<50	<50
1,1-Dichloroethene	micrograms per litre	1 per 2 years	1	<1	<1	<1
1,2-Dichloroethylene	micrograms per litre	1 per 2 years	1	125	125	125
Hexachlorobenzene	micrograms per litre	1 per 2 years	1	<4	<4	<4
Chlorobenzene	micrograms per litre	1 per 2 years	1	<5	<5	<5
Arsenic (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Cadmium (dissolved)	micrograms per litre	1 per 2 years	1	<0.1	<0.1	<0.1
Chromium (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Copper (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Lead (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Mercury (dissolved)	micrograms per cubic metre	1 per 2 years	1	<100	<100	<100
Nickel (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Zinc (dissolved)	micrograms per litre	1 per 2 years	1	6	6	6

Monitoring Point 5

Groundwater quality monitoring, Groundwater monitoring well labelled 'BH15' on drawing titled 'Figure 1: Well locations' provided to the EPA on 22 September 2015.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Benzene	micrograms per litre	1 per 2 years	1	<1	<1	<1
Toluene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Ethyl benzene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Xylene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Polycyclic aromatic hydrocarbons	micrograms per litre	1 per 2 years	1	<2	<2	<2
Total petroleum hydrocarbons	micrograms per litre	1 per 2 years	1	<50	<50	<50
Tetrachloroethene (tetrachloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Trichloroethene (Trichloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Vinyl chloride	micrograms per litre	1 per 2 years	1	<50	<50	<50
1,1-Dichloroethene	micrograms per litre	1 per 2 years	1	<5	<5	<5
1,2-Dichloroethylene	micrograms per litre	1 per 2 years	1	6	6	6
Hexachlorobenzene	micrograms per litre	1 per 2 years	1	<4	<4	<4
Chlorobenzene	micrograms per litre	1 per 2 years	1	<5	<5	<5
Arsenic (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Cadmium (dissolved)	micrograms per litre	1 per 2 years	1	<0.1	<0.1	<0.1
Chromium (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Copper (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Lead (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Mercury (dissolved)	micrograms per cubic metre	1 per 2 years	1	<100	<100	<100
Nickel (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1

Zinc (dissolved)	micrograms per litre	1 per 2 years	1	<5	<5	<5
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Monitoring Point 6

Groundwater quality monitoring, Groundwater monitoring well labelled 'BH14' on drawing titled 'Figure 1: Well locations' provided to the EPA on 22 September 2015.

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Benzene	micrograms per litre	1 per 2 years	1	<1	<1	<1
Toluene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Ethyl benzene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Xylene	micrograms per litre	1 per 2 years	1	<2	<2	<2
Polycyclic aromatic hydrocarbons	micrograms per litre	1 per 2 years	1	<2	<2	<2
Total petroleum hydrocarbons	micrograms per litre	1 per 2 years	1	<50	<50	<50
Tetrachloroethene (tetrachloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Trichloroethene (Trichloroethylene)	micrograms per litre	1 per 2 years	1	<5	<5	<5
Vinyl chloride	micrograms per litre	1 per 2 years	1	<50	<50	<50
1,1-Dichloroethene	micrograms per litre	1 per 2 years	1	<5	<5	<5
1,2-Dichloroethylene	micrograms per litre	1 per 2 years	1	<5	<5	<5
Hexachlorobenzene	micrograms per litre	1 per 2 years	1	<4	<4	<4
Chlorobenzene	micrograms per litre	1 per 2 years	1	<5	<5	<5
Arsenic (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Cadmium (dissolved)	micrograms per litre	1 per 2 years	1	<0.1	<0.1	<0.1
Chromium (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Copper (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Lead (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1



Annual Return

HARRISON MANUFACTURING CO PTY LIMITED

Licence 139

Mercury (dissolved)	micrograms per cubic metre	1 per 2 years	1	<100	<100	<100
Nickel (dissolved)	micrograms per litre	1 per 2 years	1	<1	<1	<1
Zinc (dissolved)	micrograms per litre	1 per 2 years	1	26	26	26

