

**Water Monitoring Requirements:**

Grab samples are required to be taken every 3/6 months.

**Location of Monitoring Points:**

Monitoring Point 1: Boreholes labelled on map titled "Location Plan" submitted to the EPA on 14 March 2003.

**Summary of Results:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	No. of Samples Required by Licence	No. of Samples Collected & Analysed	Lowest sample value	Highest sample value	Mean of samples	Sample Date												
								15/01/2018	15/02/2018	12/03/2018	13/04/2018	18/05/2018	15/06/2018	16/07/2018	13/08/2018	10/09/2018	8/10/2018	9/11/2018	10/12/2018	
Alkalinity (as CaCO <sub>3</sub> )	mg/L	No limits apply - sampling for monitoring purposes only	4	4	200	315	236	220				200			315			210		
Aluminium (Al)	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Arsenic (As)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Barium (Ba)	mg/L		2	2	0.2	0.2	0	0.2							0.2					
Cadmium (Cd)	mg/L		2	2	0.0005	0.0005	0	0.0005							0.0005					
Chromium (Cr)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Conductivity	uS/cm		4	4	24300	26900	26025	26300				26900			26600				24300	
Copper (Cu)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Iron (Fe)	mg/L		2	2	0.05	0.08	0	0.05							0.08					
Lead (Pb)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Manganese (Mn)	mg/L		4	4	0.02	0.19	0	0.19				0.11			0.02				0.1	
Mercury (Hg)	mg/L		4	4	0.00005	0.00005	0	0.00005				0.00005			0.00005				0.00005	
Nitrate + Nitrite (oxidised Nitrogen)	mg/L		4	4	0.05	0.16	0	0.05				0.05			0.16				0.13	
Nitrogen-Ammonia	mg/L		4	4	0.05	0.1	0	0.05				0.05			0.1				0.05	
Organochlorine Pesticides	ug/L		2	2	0.1	0.1	0	0.1							0.1					
Phenols	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Polycyclic Aromatic Hydrocarbons	ug/L		2	2	1	2.5	2	2.5							1					
Selenium (Se)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Total Dissolved Solids	mg/L		4	4	15900	17500	17000	17200				17500			17400				15900	
Total Organic Carbon	mg/L		4	4	8	15	11	12				15			9				8	
Total Petroleum Hydrocarbons	ug/L	2	2	50	50	50	50							50						
Zinc (Zn)	mg/L	2	2	0.005	0.06	0	0.06							0.005						
pH	pH		12	12	7.3	8.1	8	7.8	7.4	7.7	7.3	7.6	7.8	7.9	7.9	7.8	7.8	7.6	8.1	

**Sampling frequency**

Every month
Every 3 months
Every 6 months

**Benedict Industries Pty Limited**

Moorebank - 146 Newbridge Road, Moorebank NSW 2170

EPA Licence No: 4612

2018 Annual

**Water Monitoring Requirements:**

Grab samples are required to be taken every 3/6 months

**Location of Monitoring Points:**

Monitoring Point 2: Boreholes labelled on map titled "Location Plan" submitted to the EPA on 14 March 2003.

**Summary of Results:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	No. of Samples Required by Licence	No. of Samples Collected & Analysed	Lowest sample value	Highest sample value	Mean of samples	Sample Date														
								15/01/2018	15/02/2018	12/03/2018	13/04/2018	18/05/2018	15/06/2018	16/07/2018	13/08/2018	10/09/2018	8/10/2018	9/11/2018	10/12/2018			
Alkalinity (as CaCO <sub>3</sub> )	mg/L	No limits apply - sampling for monitoring purposes only	4	4	190	210	199	190				190				210			205			
Aluminium (Al)	mg/L		2	2	0.05	0.05	0	0.05								0.05						
Arsenic (As)	mg/L		2	2	0.005	0.005	0	0.005								0.005						
Barium (Ba)	mg/L		2	2	0.2	0.2	0	0.2								0.2						
Cadmium (Cd)	mg/L		2	2	0.0005	0.0005	0	0.0005								0.0005						
Chromium (Cr)	mg/L		2	2	0.005	0.005	0	0.005								0.005						
Conductivity	uS/cm		4	4	24800	29200	26925	26600				29200				27100				24800		
Copper (Cu)	mg/L		2	2	0.005	0.005	0	0.005								0.005						
Iron (Fe)	mg/L		2	2	0.03	0.22	0	0.03								0.22						
Lead (Pb)	mg/L		2	2	0.005	0.005	0	0.005								0.005						
Manganese (Mn)	mg/L		4	4	0.03	0.17	0	0.17				0.13				0.03				0.09		
Mercury (Hg)	mg/L		3	3	0.00005	0.00005	0	0.00005				<0.0001				0.00005				0.00005		
Nitrate + Nitrite (oxidised Nitrogen)	mg/L		3	3	0.05	0.18	0	0.05				<0.1				0.17				0.18		
Nitrogen-Ammonia	mg/L		3	3	0.05	0.2	0	0.05				<0.1				0.05				0.2		
Organochlorine Pesticides	ug/L		2	2	0.1	0.1	0	0.1								0.1						
Phenols	mg/L		2	2	0.05	0.05	0	0.05								0.05						
Polycyclic Aromatic Hydrocarbons	ug/L		2	2	1	2.5	2	2.5								1						
Selenium (Se)	mg/L		2	2	0.005	0.005	0	0.005								0.005						
Total Dissolved Solids	mg/L		4	4	16200	19000	17550	17400				19000				17600				16200		
Total Organic Carbon	mg/L		4	4	7	14	10	14				13				7				7		
Total Petroleum Hydrocarbons	ug/L	2	2	50	50	50	50								50							
Zinc (Zn)	mg/L	2	2	0.005	0.01	0	0.01								0.005							
pH	pH	12	12	7.4	8	8	8	7.8	7.5	7.7	7.4	7.8	7.9	7.9	7.9	7.9	7.7	7.7	7.7	7.7	8	

**Sampling frequency**

Every month
Every 3 months
Every 6 months

**Benedict Industries Pty Limited**

Moorebank - 146 Newbridge Road, Moorebank NSW 2170

EPA Licence No: 4612

2018 Annual

**Water Monitoring Requirements:**

Grab samples are required to be taken every 3/6 months

**Location of Monitoring Points:**

Monitoring Point 3: Boreholes labelled on map titled "Location Plan" submitted to the EPA on 14 March 2003.

**Summary of Results:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	No. of Samples Required by Licence	No. of Samples Collected & Analysed	Lowest sample value	Highest sample value	Mean of samples	Sample Date												
								15/01/2018	15/02/2018	12/03/2018	13/04/2018	18/05/2018	15/06/2018	16/07/2018	13/08/2018	10/09/2018	8/10/2018	9/11/2018	10/12/2018	
Alkalinity (as CaCO <sub>3</sub> )	mg/L	No limits apply - sampling for monitoring purposes only	4	4	18	26	20	18				19			26			18		
Aluminium (Al)	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Arsenic (As)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Barium (Ba)	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Cadmium (Cd)	mg/L		2	2	0.0005	0.0005	0	0.0005							0.0005					
Chromium (Cr)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Conductivity	uS/cm		4	4	17000	22300	19725	17000				17600			22000				22300	
Copper (Cu)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Iron (Fe)	mg/L		2	2	1.9	4.1	3	1.9							4.1					
Lead (Pb)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Manganese (Mn)	mg/L		4	4	0.06	0.29	0	0.11				0.22			0.06				0.29	
Mercury (Hg)	mg/L		4	4	0.00005	0.00005	0	0.00005				0.00005			0.00005				0.00005	
Nitrate + Nitrite (oxidised Nitrogen)	mg/L		4	4	0.05	0.4	0	0.05				0.05			0.13				0.4	
Nitrogen-Ammonia	mg/L		4	4	1.1	2.1	2	1.7				1.9			2.1				1.1	
Organochlorine Pesticides	ug/L		2	2	0.1	0.1	0	0.1							0.1					
Phenols	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Polycyclic Aromatic Hydrocarbons	ug/L		2	2	1	2.5	2	2.5							1					
Selenium (Se)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Total Dissolved Solids	mg/L		4	4	11100	14600	12850	11100				11400			14300				14600	
Total Organic Carbon	mg/L		4	4	3	11	8	11				11			5				3	
Total Petroleum Hydrocarbons	ug/L	2	2	50	50	50	50							50						
Zinc (Zn)	mg/L	2	2	0.02	0.05	0	0.05							0.02						
pH	pH		12	12	5	5.6	5	5.6	5.6	5.4	5.4	5.6	5.5	5.6	5.4	5.3	5.4	5.4	5	5.6

**Sampling frequency**

Every month
Every 3 months
Every 6 months

**Benedict Industries Pty Limited**

Moorebank - 146 Newbridge Road, Moorebank NSW 2170

EPA Licence No: 4612

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**Water Monitoring Requirements:**

Grab samples are required to be taken every 3/6 months

**Location of Monitoring Points:**

Monitoring Point 4: Boreholes labelled on map titled "Location Plan" submitted to the EPA on 14 March 2003.

**Summary of Results:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	No. of Samples Required by Licence	No. of Samples Collected & Analysed	Lowest sample value	Highest sample value	Mean of samples	Sample Date												
								15/01/2018	15/02/2018	12/03/2018	13/04/2018	18/05/2018	15/06/2018	16/07/2018	13/08/2018	10/09/2018	8/10/2018	9/11/2018	10/12/2018	
Alkalinity (as CaCO <sub>3</sub> )	mg/L	No limits apply - sampling for monitoring purposes only	4	4	135	210	159	210				135			145			145		
Aluminium (Al)	mg/L		2	2	0.05	0.5	0	0.5							0.05					
Arsenic (As)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Barium (Ba)	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Cadmium (Cd)	mg/L		2	2	0.0005	0.0005	0	0.0005							0.0005					
Chromium (Cr)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Conductivity	uS/cm		4	4	17800	28100	23125	17800				28100			25400				21200	
Copper (Cu)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Iron (Fe)	mg/L		2	2	7.1	7.2	7	7.1							7.2					
Lead (Pb)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Manganese (Mn)	mg/L		4	4	0.32	0.51	0	0.35				0.51			0.32				0.43	
Mercury (Hg)	mg/L		4	4	0.00005	0.00005	0	0.00005				0.00005			0.00005				0.00005	
Nitrate + Nitrite (oxidised Nitrogen)	mg/L		3	3	0.05	0.05	0	0.05				<0.1			0.05				0.05	
Nitrogen-Ammonia	mg/L		4	4	2.1	2.5	2	2.5				2.2			2.1				2.4	
Organochlorine Pesticides	ug/L		2	2	0.1	0.1	0	0.1							0.1					
Phenols	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Polycyclic Aromatic Hydrocarbons	ug/L		2	2	1	2.5	2	2.5							1					
Selenium (Se)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Total Dissolved Solids	mg/L		4	4	11700	18300	15100	11700				18300			16600				13800	
Total Organic Carbon	mg/L		4	4	5	12	8	12				8			5				6	
Total Petroleum Hydrocarbons	ug/L	2	2	50	50	50	50							50						
Zinc (Zn)	mg/L	2	2	0.01	0.03	0	0.03							0.01						
pH	pH	12	12	6.1	6.5	6	6.5	6.5	6.2	6.1	6.3	6.3	6.4	6.5	6.5	6.4	6.4	6.4	6.1	6.2

**Sampling frequency**

Every month
Every 3 months
Every 6 months

**Benedict Industries Pty Limited**

Moorebank - 146 Newbridge Road, Moorebank NSW 2170

EPA Licence No: 4612

2018 Annual

**Water Monitoring Requirements:**

Grab samples are required to be taken every 3/6 months

**Location of Monitoring Points:**

Monitoring Point 5: Boreholes labelled on map titled "Location Plan" submitted to the EPA on 14 March 2003.

**Summary of Results:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	No. of Samples Required by Licence	No. of Samples Collected & Analysed	Lowest sample value	Highest sample value	Mean of samples	Sample Date													
								15/01/2018	15/02/2018	12/03/2018	13/04/2018	18/05/2018	15/06/2018	16/07/2018	13/08/2018	10/09/2018	8/10/2018	9/11/2018	10/12/2018		
Alkalinity (as CaCO <sub>3</sub> )	mg/L	No limits apply - sampling for monitoring purposes only	3	3	0.5	6	3	1				<1			6			0.5			
Aluminium (Al)	mg/L		2	2	5.2	6.1	6	5.2							6.1						
Arsenic (As)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Barium (Ba)	mg/L		2	2	0.05	0.05	0	0.05							0.05						
Cadmium (Cd)	mg/L		2	2	0.0005	0.0005	0	0.0005							0.0005						
Chromium (Cr)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Conductivity	uS/cm		4	4	2980	10900	6448	2980			4690				10900				7220		
Copper (Cu)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Iron (Fe)	mg/L		2	2	39	82	61	82							39						
Lead (Pb)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Manganese (Mn)	mg/L		4	4	2.6	18	9	2.6			7.7				6.3				18		
Mercury (Hg)	mg/L		4	4	0.00005	0.00005	0	0.00005			0.00005				0.00005				0.00005		
Nitrate + Nitrite (oxidised Nitrogen)	mg/L		4	4	0.05	0.05	0	0.05			0.05				0.05				0.05		
Nitrogen-Ammonia	mg/L		4	4	1	10	6	6			10				6.1				1		
Organochlorine Pesticides	ug/L		2	2	0.1	0.1	0	0.1							0.1						
Phenols	mg/L		2	2	0.05	0.05	0	0.05							0.05						
Polycyclic Aromatic Hydrocarbons	ug/L		2	2	1	2.5	2	2.5							1						
Selenium (Se)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Total Dissolved Solids	mg/L		4	4	1950	7080	4215	1950			3050				7080				4780		
Total Organic Carbon	mg/L		4	4	25	41	36	41			41				36				25		
Total Petroleum Hydrocarbons	ug/L	2	2	50	50	50	50							50							
Zinc (Zn)	mg/L	2	2	0.78	0.92	1	0.78							0.92							
pH	pH	12	12	3.1	4.7	4	4.6	3.1	3.6	3.4	3.5	3.4	3.6	4.7	3.6	3.7	4.3	3.8			

**Sampling frequency**

Every month
Every 3 months
Every 6 months

**Benedict Industries Pty Limited**

Moorebank - 146 Newbridge Road, Moorebank NSW 2170

EPA Licence No: 4612

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**Water Monitoring Requirements:**

Grab samples are required to be taken every 3/6 months

**Location of Monitoring Points:**

Monitoring Point 7: Boreholes labelled on map titled "Location Plan" submitted to the EPA on 14 March 2003.

**Summary of Results:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	No. of Samples Required by Licence	No. of Samples Collected & Analysed	Lowest sample value	Highest sample value	Mean of samples	Sample Date												
								15/01/2018	15/02/2018	12/03/2018	13/04/2018	18/05/2018	15/06/2018	16/07/2018	13/08/2018	10/09/2018	8/10/2018	9/11/2018	10/12/2018	
Alkalinity (as CaCO <sub>3</sub> )	mg/L	No limits apply - sampling for monitoring purposes only	4	4	170	210	195	170				190			210			210		
Aluminium (Al)	mg/L		2	2	0.05	0.05	0	0.1							0.05					
Arsenic (As)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Barium (Ba)	mg/L		2	2	0.05	0.05	0	0.1							0.05					
Cadmium (Cd)	mg/L		2	2	0.0005	0.0005	0	0.0005							0.0005					
Chromium (Cr)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Conductivity	uS/cm		4	4	7220	28000	21455	25500				28000			25100				7220	
Copper (Cu)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Iron (Fe)	mg/L		2	2	0.21	0.25	0	0.25							0.21					
Lead (Pb)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Manganese (Mn)	mg/L		4	4	0.13	0.28	0	0.21				0.28			0.13				0.18	
Mercury (Hg)	mg/L		3	3	0.00005	0.00005	0	0.00005				<0.0001			0.00005				0.00005	
Nitrate + Nitrite (oxidised Nitrogen)	mg/L		3	3	0.05	0.13	0	0.05				<0.1			0.13				0.11	
Nitrogen-Ammonia	mg/L		4	4	0.05	0.4	0	0.05				0.2			0.4				0.2	
Organochlorine Pesticides	ug/L		2	2	0.1	0.1	0	0.1							0.1					
Phenols	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Polycyclic Aromatic Hydrocarbons	ug/L		2	2	1	2.5	2	2.5							1					
Selenium (Se)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Total Dissolved Solids	mg/L		4	4	16100	18200	16800	16600				18200			16300				16100	
Total Organic Carbon	mg/L		4	4	7	14	11	14				13			7				8	
Total Petroleum Hydrocarbons	ug/L	2	2	50	50	50	50							50						
Zinc (Zn)	mg/L	2	2	0.02	0.04	0	0.04							0.02						
pH	pH	12	12	6.2	7.9	7	7.5	6.2	7.2	6.8	7.5	7.7	7.8	7.9	7.7	7.6	7.6	7.9		

**Sampling frequency**

Every month
Every 3 months
Every 6 months

**Benedict Industries Pty Limited**

Moorebank - 146 Newbridge Road, Moorebank NSW 2170

EPA Licence No: 4612

2018 Annual

**Water Monitoring Requirements:**

Grab samples are required to be taken every 3/6 months

**Location of Monitoring Points:**

Monitoring Point 8: Boreholes labelled on map titled "Location Plan" submitted to the EPA on 14 March 2003.

**Summary of Results:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	No. of Samples Required by Licence	No. of Samples Collected & Analysed	Lowest sample value	Highest sample value	Mean of samples	Sample Date												
								15/01/2018	15/02/2018	12/03/2018	13/04/2018	18/05/2018	15/06/2018	16/07/2018	13/08/2018	10/09/2018	8/10/2018	9/11/2018	10/12/2018	
Alkalinity (as CaCO <sub>3</sub> )	mg/L	No limits apply - sampling for monitoring purposes only	4	4	59	165	107	165				105			97			59		
Aluminium (Al)	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Arsenic (As)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Barium (Ba)	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Cadmium (Cd)	mg/L		2	2	0.0005	0.0005	0	0.0005							0.0005					
Chromium (Cr)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Conductivity	uS/cm		4	4	14900	52500	36675	52500			47100				32200				14900	
Copper (Cu)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Iron (Fe)	mg/L		2	2	0.06	0.09	0	0.06							0.09					
Lead (Pb)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Manganese (Mn)	mg/L		4	4	0.01	0.08	0	0.02			0.02				0.01				0.08	
Mercury (Hg)	mg/L		3	3	0.00005	0.00005	0	0.00005			<0.0001				0.00005				0.00005	
Nitrate + Nitrite (oxidised Nitrogen)	mg/L		3	3	0.11	0.9	0	0.11			<0.1				0.29				0.9	
Nitrogen-Ammonia	mg/L		3	3	0.05	0.5	0	0.05			<0.1				0.05				0.5	
Organochlorine Pesticides	ug/L		2	2	0.1	0.1	0	0.1							0.1					
Phenols	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Polycyclic Aromatic Hydrocarbons	ug/L		2	2	1	2.5	2	2.5							1					
Selenium (Se)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Total Dissolved Solids	mg/L		4	4	9730	34200	23908	34200			30700				21000				9730	
Total Organic Carbon	mg/L		4	4	0.5	2	1	0.5			2				1				2	
Total Petroleum Hydrocarbons	ug/L	2	2	50	50	50	50							50						
Zinc (Zn)	mg/L	2	2	0.005	0.02	0	0.02							0.005						
pH	pH		12	12	6.6	7.6	7	7.2	6.6	7	6.7	7.5	7.6	7.6	7.5	7.2	7.2	7.4	7.4	

**Sampling frequency**

Every month
Every 3 months
Every 6 months

**Benedict Industries Pty Limited**

Moorebank - 146 Newbridge Road, Moorebank NSW 2170

EPA Licence No: 4612

2018 Annual

**Water Monitoring Requirements:**

Grab samples are required to be taken every 3/6 months

**Location of Monitoring Points:**

Monitoring Point 9: Boreholes labelled on map titled "Location Plan" submitted to the EPA on 14 March 2003.

**Summary of Results:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	No. of Samples Required by Licence	No. of Samples Collected & Analysed	Lowest sample value	Highest sample value	Mean of samples	Sample Date												
								15/01/2018	15/02/2018	12/03/2018	13/04/2018	18/05/2018	15/06/2018	17/08/2018	13/08/2018	10/09/2018	8/10/2018	9/11/2018	10/12/2018	
Alkalinity (as CaCO <sub>3</sub> )	mg/L	No limits apply - sampling for monitoring purposes only	4	4	59	160	115	140				160			100			59		
Aluminium (Al)	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Arsenic (As)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Barium (Ba)	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Cadmium (Cd)	mg/L		2	2	0.0005	0.0005	0	0.0005							0.0005					
Chromium (Cr)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Conductivity	uS/cm		4	4	16500	51600	38975	51600			49000				38800				16500	
Copper (Cu)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Iron (Fe)	mg/L		2	2	0.07	0.2	0	0.07							0.2					
Lead (Pb)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Manganese (Mn)	mg/L		4	4	0.01	0.06	0	0.03			0.01				0.03				0.06	
Mercury (Hg)	mg/L		3	3	0.00005	0.00005	0	0.00005			<0.0001				0.00005				0.00005	
Nitrate + Nitrite (oxidised Nitrogen)	mg/L		3	3	0.11	0.86	0	0.11			<0.1				0.25				0.86	
Nitrogen-Ammonia	mg/L		3	3	0.05	0.7	0	0.05			<0.1				0.05				0.7	
Organochlorine Pesticides	ug/L		2	2	0.1	0.1	0	0.1							0.1					
Phenols	mg/L		2	2	0.05	0.05	0	0.05							0.05					
Polycyclic Aromatic Hydrocarbons	ug/L		2	2	1	2.5	2	2.5							1					
Selenium (Se)	mg/L		2	2	0.005	0.005	0	0.005							0.005					
Total Dissolved Solids	mg/L		4	4	10700	34200	25500	34200			31900				25200				10700	
Total Organic Carbon	mg/L		3	3	0.5	2	2	2			<1				0.5				2	
Total Petroleum Hydrocarbons	ug/L	2	2	50	50	50	50							50						
Zinc (Zn)	mg/L	2	2	0.005	0.005	0	0.005							0.005						
pH	pH		12	12	6.8	7.6	7	7.2	6.8	6.9	6.8	7.5	7.4	7.6	7.6	7.1	7.1	7.3	7.3	

**Sampling frequency**

Every month
Every 3 months
Every 6 months

**Benedict Industries Pty Limited**

Moorebank - 146 Newbridge Road, Moorebank NSW 2170

EPA Licence No: 4612

2018 Annual

**Water Monitoring Requirements:**

Grab samples are required to be taken every 3/6 months

**Location of Monitoring Points:**

Monitoring Point 10: Boreholes labelled on map titled "Location Plan" submitted to the EPA on 14 March 2003.

**Summary of Results:**

Pollutant	Unit of Measure	100 Percentile Concentration Limit	No. of Samples Required by Licence	No. of Samples Collected & Analysed	Lowest sample value	Highest sample value	Mean of samples	Sample Date													
								15/01/2018	15/02/2018	12/03/2018	13/04/2018	18/05/2018	15/06/2018	17/08/2018	13/08/2018	10/09/2018	8/10/2018	9/11/2018	10/12/2018		
Alkalinity (as CaCO <sub>3</sub> )	mg/L	No limits apply - sampling for monitoring purposes only	4	4	72	175	114	120				175			89			72			
Aluminium (Al)	mg/L		2	2	0.05	0.05	0	0.05							0.05						
Arsenic (As)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Barium (Ba)	mg/L		2	2	0.05	0.05	0	0.05							0.05						
Cadmium (Cd)	mg/L		2	2	0.0005	0.0005	0	0.0005							0.0005						
Chromium (Cr)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Conductivity	uS/cm		4	4	510	1450	920	590			1130				510				1450		
Copper (Cu)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Iron (Fe)	mg/L		2	2	0.03	0.1	0	0.1							0.03						
Lead (Pb)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Manganese (Mn)	mg/L		4	4	0.01	0.12	0	0.12				0.07			0.01				0.08		
Mercury (Hg)	mg/L		3	3	0.00005	0.00005	0	0.00005			<0.0001				0.00005				0.00005		
Nitrate + Nitrite (oxidised Nitrogen)	mg/L		4	4	0.05	1.3	0	0.05			0.16				0.16				1.3		
Nitrogen-Ammonia	mg/L		4	4	0.05	0.3	0	0.05			0.3				0.05				0.3		
Organochlorine Pesticides	ug/L		2	2	0.1	1	1	1							0.1						
Phenols	mg/L		2	2	0.05	0.05	0	0.05							0.05						
Polycyclic Aromatic Hydrocarbons	ug/L		2	2	1	250	126	250							1						
Selenium (Se)	mg/L		2	2	0.005	0.005	0	0.005							0.005						
Total Dissolved Solids	mg/L		4	4	330	950	590	390			690				330				950		
Total Organic Carbon	mg/L		4	4	7	25	13	25			7				7				11		
Total Petroleum Hydrocarbons	ug/L		2	2	50	2178000	1089025	2178000							50						
Zinc (Zn)	mg/L		2	2	0.01	0.01	0	0.01							0.01						
pH	pH			12	12	7	7.6	7	7.1	7	7.3	7.1	7.4	7	7.6	7.6	7	7.4	7.5	7.5	

**Sampling frequency**

Every month
Every 3 months
Every 6 months