Hawkesbury Waste Management Facility - Yearly Summary for 2024-25 (commencing September 2024)

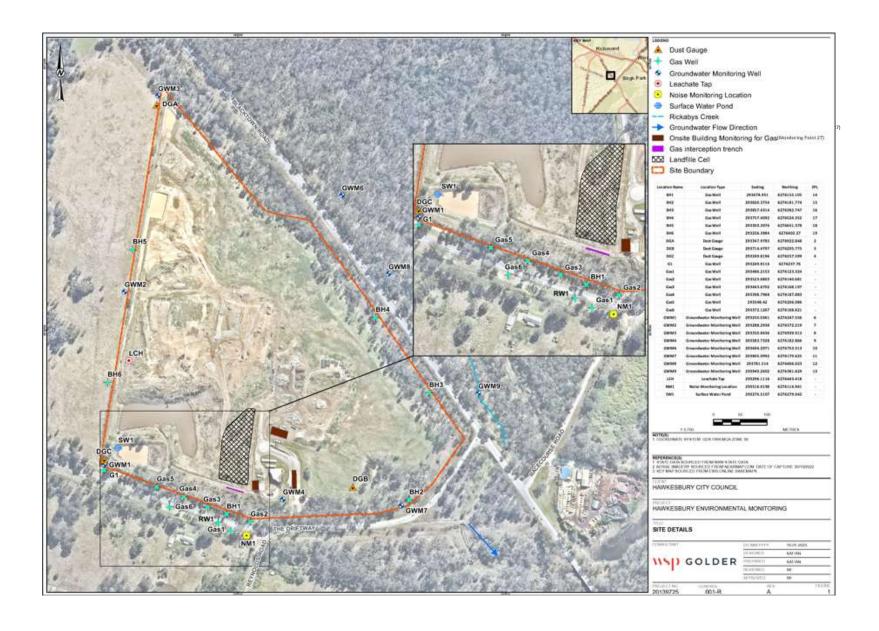
Licence number - 5293

Hawkesbury Waste Management Facility - The Driftway, South WindsorNSW 2756 Licencee - Hawkesbury City Council

Public Register: https://www.epa.nsw.gov.au/licensing-and-regulation/public-registers

Licence Period - 25th July - 24th July

LOR = Limit of Reporting
NT = Not Tested



Monitoring Point 14 - BH1

Pollutant			Date Sampled					
			30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
	Unit	Monitoring Frequency	Date Obtained					
	Offic							
			Sample Code					
Carbon Dioxide	% v/v	Monthy	0.5	18.7	20	1	1.4	
Methane	% v/v	Monthy	0	5.4	4.4	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

Monitoring Point 15 - BH2

			Date Sampled	Date Sampled
Pollutant	Unit	Monitoring Frequency	Date Obtained	Date Obtained
Tonatant	Onic	Wionitoring Frequency		
			Sample Code	Sample Code
Carbon Dioxide	% v/v	Every 6 Months		
Methane	% v/v	Every 6 Months		

Monitoring Point 16 - BH3

			Date Sampled	Date Sampled
			26.11.2024	
Pollutant	Unit	Monitoring Frequency	Date Obtained	Date Obtained
Foliatarit	Oilit	Worldonlig Frequency		
			Sample Code	Sample Code
Carbon Dioxide	% v/v	Every 6 Months	3.5	
Methane	% v/v	Every 6 Months	0	

Monitoring Point 17 - BH4

			Date Sampled	Date Sampled
			26.11.2024	
Pollutant	Unit	Monitoring Frequency	Date Obtained	Date Obtained
Pollutalit	Unit	Monitoring Frequency		
			Sample Code	Sample Code
Carbon Dioxide	% v/v	Every 6 Months	1.3	
Methane	% v/v	Every 6 Months	0	

Monitoring Point 18 - BH5

Pollutant			Date Sampled					
			30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
	Unit	Monitoring Frequency	Date Obtained					
	Oilit	Worldonlig Frequency						
			Sample Code					
Carbon Dioxide	% v/v	Monthy	0.3	9.5	0.2	0	0.2	
Methane	% v/v	Monthy	0	7.1	0.1	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

Monitoring Point 19 - BH6

Pollutant			Date Sampled					
	Unit		30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
		Monitoring Frequency	Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy	0.2	1.5	0.4	0.2	0.3	
Methane	% v/v	Monthy	0	0.2	0	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

Monitoring Point 20 - G1

Pollutant			Date Sampled					
	Unit		30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
		Monitoring Frequency	Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy	0.3	12.3	6.8	0.1	0.1	
Methane	% v/v	Monthy	0	0	0	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

Point 21 - Gas2

Pollutant			Date Sampled					
	Unit		30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
		Monitoring Frequency	Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy	0.3	5.5	7.1	0.1	0.1	
Methane	% v/v	Monthy	0	0	0	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

Point 22 - Gas3

			Date Sampled					
Pollutant			30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
	Unit	Monitoring Frequency	Date Obtained					
	Oilit	Widilitoring Frequency						
			Sample Code					
Carbon Dioxide	% v/v	Monthy	0.6	0.5	0.4	0.9	0.9	
Methane	% v/v	Monthy	0	0	0	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

Point 23 - Gas4

			Date Sampled					
Pollutant			30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
	Unit	Monitoring Frequency	Date Obtained					
	Offic	Wionitoring Frequency						
			Sample Code					
Carbon Dioxide	% v/v Mon	Monthy	3.8	4.9	5.4	3.7	2.3	
Methane	% v/v	v/v Monthy	0	0	0	0	0	

			Date Sampled	Date Sampled	Date Sampled	Date Sampled	Date Sampled	Date Sampled
			Date Obtained	Date Obtained	Date Obtained	Date Obtained	Date Obtained	Date Obtained
			- Date Obtained	Date obtained	Date obtained	Date obtained	Date Octamed	Bate Ostaniea
			Sample Code	Sample Code	Sample Code	Sample Code	Sample Code	Sample Code
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

Point 24- Gas 6

			Date Sampled					
Pollutant			Date Obtained					
	Unit	Monitoring Frequency	30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
			Sample Code					
Carbon Dioxide	% v/v	Monthy	3.6	5	5	3.4	4.1	
Methane	% v/v	Monthy	0	0	0	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
	la	la a d						
	% v/v	Monthy						
Methane	% v/v	Monthy						

Point 25 - Gas interception trench

			Date Sampled					
Pollutant			30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
	Unit	Monitoring Frequency	Date Obtained					
	Offic	Monitoring Frequency						
			Sample Code					
Carbon Dioxide	% v/v	Monthy	0	0	0.1	0	0	
Methane	% v/v	Monthy	0	0	0	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

RW1

			Date Sampled					
Pollutant			30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
			Date Obtained					
	Unit	Monitoring Frequency						
			Sample Code					
Carbon Dioxide	% v/v	Monthy	5.4	15	17.9	0.2	0.4	
Methane	% v/v	Monthy	0	0	0	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

			Date Sampled					
Pollutant			30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
	Unit	Monitoring Frequency	Date Obtained					
	Offic	Worldonling Frequency						
			Sample Code					
Carbon Dioxide	% v/v	·.	4.1	7.3	6.5	3.4	3	
Methane	% v/v		0	0	0	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

Gas5

Pollutant		Monitoring Frequency	Date Sampled					
	Unit		30.09.2024	31.10.2024	26.11.2024	16.12.2024	23.01.2025	
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy	5.6	6.5	5.1	3.2	1.2	
Methane	% v/v	Monthy	0	0	0	0	0	

			Date Sampled					
			Date Obtained					
			Sample Code					
Carbon Dioxide	% v/v	Monthy						
Methane	% v/v	Monthy						

			Date Sampled	Date Sampled	Date Sampled	Date Sampled
			26.11.2024			
			Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
			Sample Code	Sample Code	Sample Code	Sample Code
Point 27 - Inside all buildings	Unit	Monitoring Frequency				
HCC Lunch Room Demountable						
Methane	% v/v	Quarterly	0			
HCC Toliet Demountable						
Methane	% v/v	Quarterly	0			
Recycling Shed						
Methane	% v/v	Quarterly	0			
Gatehouse/ Weighbridge						
Methane	% v/v	Quarterly	0			
Tools Storage Shed						
Methane	% v/v	Quarterly	0			
Equipment Shed						
Methane	% v/v	Quarterly	0			

Monitoring Point 2 - DGA

Pollutant	Unit	Monitoring Frequency	Start Date	Start Date	Start Date	Start Date
			26.11.2024			
			Data Collection Date	Data Collection Date	Data Collection Date	Data Collection Date
Pollutarit						
			Sample Code	Sample Code	Sample Code	Sample Code
Particultes deposited Matter	g/m^2/month	Quarterly	<0.3			

Monitoring Point 3 - DGB

			Start Date	Start Date	Start Date	Start Date	
			26.11.2024				
	Pollutant	Unit	Monitoring Frequency	Data Collection Date	Data Collection Date	Data Collection Date	Data Collection Date
	Foliutarit						
				Sample Code	Sample Code	Sample Code	Sample Code
Part	icultes deposited Matter	g/m^2/month	Quarterly	0.7			

Monitoring Point 4 - DGC

		Monitoring Frequency	Start Date	Start Date	Start Date	Start Date
Pollutant			26.11.2024			
	Unit		Data Collection Date	Data Collection Date	Data Collection Date	Data Collection Date
Foliutalit						
			Sample Code	Sample Code	Sample Code	Sample Code
Particultes deposited Matter	g/m^2/month	Quarterly	<0.3			

Monitoring Point 1 - LCH

Monitoring Point 1 - LCH						
			Date Sampled	Date Sampled	Date Sampled	Date Sampled
			26.11.2024			
			Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
			Note: Unable to be			
Pollutant	Unit	Monitoring Frequency	sampled due to			
			leachate pumps			
			offline.			
			Sample Code	Sample Code	Sample Code	Sample Code
				, , , , , , , , , , , , , , , , , , ,	,	P
Alkalinity (as calcium carbonate)	mg/L	Quarterly				
Aluminium	mg/L	Yearly				
Arsenic	mg/L	Yearly				
Barium	mg/L	Yearly				
Benzene	mg/L	Yearly				
Biochemical oxygen demand	mg/L	Yearly				
Cadmium	mg/L	Yearly				
Calcium		Quarterly				
	mg/L	•	-			
Chemical oxygen demand	mg/L	Yearly				
Chloride	mg/L	Quarterly	-			
Chromium (hexavalent)	mg/L	Yearly				
Cobalt	mg/L	Yearly				
Conductiviy	μS/cm	Quarterly	-	•		
Copper	mg/L	Yearly				
Ethyl benzene	mg/L	Yearly				
Fluoride	mg/L	Yearly				
Lead	mg/L	Yearly				
Magnesium	mg/L	Quarterly	-			
Manganese	mg/L	Yearly				
Mercury	mg/L	Yearly				
Nitrate	mg/L	Quarterly	-			
Nitrite	mg/L	Quarterly	-			
Nitrogen (ammonia)	mg/L	Quarterly	-			
Organochlorine pesticides	mg/L	Yearly				
Orgnochlorine pesticides	mg/L	Yearly				
pH	pH	Quarterly	-			
Phosphate	mg/L	Yearly				
Phosphorus (total)	mg/L	Quarterly	_			
Potassium	mg/L	Quarterly	_			
Sodium	mg/L	Quarterly	_			
Sulfate	mg/L	Quarterly	_			
Toluene	mg/L	Yearly				
Total chromium	mg/L	Yearly				
Total dissolved solids	mg/L	Quarterly				
			-			
Total Iron	mg/L	Yearly				
Total organic carbon	mg/L	Yearly				
Total petroleum hydrocarbons C6-C9	mg/L	Yearly				
C10-C14	mg/L	Yearly				
C15-C28	mg/L	Yearly				
C29-C36	mg/L	Yearly				
C10-C36 (Sum)	mg/L	Yearly				
Total Phenolics	mg/L	Yearly				
Xylene	mg/L	Yearly				
Zinc	mg/L	Yearly				

Monitoring Point 5 - SW1

			Date Sampled	Date Sampled	Date Sampled	Date Sampled
			26.11.2024			
Pollutant	Unit	Monitoring Frequency	Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
Foliutarit	Onit	Worldoning Frequency				
			Sample Code	Sample Code	Sample Code	Sample Code
Alkalinity (as calcium carbonate)	mg/L	Quarterly	320			
Ammonia	mg/L	Quarterly	0.6			
Biochemical oxygen demand	mg/L	Quarterly	5			
Sulfate	mg/L	Quarterly	51			
Total Phenolics	mg/L	Yearly				

Monitoring Point 6 - GWM1

Monitoring Point 6 - GWM1			la		la	la . a . l .
				Date Sampled	Date Sampled	Date Sampled
			24.11.2024			
Pollutant	Unit	Monitoring frequency	Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
			Sample Code	Sample Code	Sample Code	Sample Code
	- 4					
Alkalinity (as calcium carbonate) Aluminium	mg/L	Quarterly Yearly	320			
	mg/L		40.05			
Ammonia	mg/L	Quarterly	<0.05			
Arsenic	mg/L	Yearly				
Barium	mg/L	Yearly				
Benzene	mg/L	Yearly				
Biochemical oxygen demand	mg/L	Yearly				
Cadmium	mg/L	Yearly				
Calcium	mg/L	Quarterly	92			
Carbonate	mg/L	Quarterly	<1			
Chemical oxygen demand	mg/L	Yearly				
Chloride	mg/L	Quarterly	4700			
Chlorinated volatile compound	mg/L	Yearly				
Chromium (hexavalent)	mg/L	Yearly				
Cobalt	mg/L	Yearly				
Conductivity	μS/cm	Quarterly	12000			
Copper	mg/L	Yearly				
Ethyl benzene	mg/L	Yearly				
Fluoride	mg/L	Yearly				
Lead	mg/L	Yearly				
Magnesium	mg/L	Quarterly	330			
Manganese	mg/L	Yearly				
Mercury	mg/L	Yearly				
Nitrogen Oxides	mg/L	Yearly				
Organochlorine pesticides	mg/L	Yearly				
Organophosphate pesticides	mg/L	Yearly				
рН	рН	Quarterly	-			
Phosphate	mg/L	Yearly				
Phosphorus (Total)	mg/L	Quarterly	0.12			
Potassium	mg/L	Quarterly	2.5			
Salinity	mg/L	Quarterly	8100			
Sodium	mg/L	Quarterly	2100			
Sulfate	mg/L	Quarterly	300			
Toluene	mg/L	Yearly				
Total chromium	mg/L	Yearly				
Total dissolved solids	mg/L	Quarterly	8900			
Total organic carbon	mg/L	Yearly				
Total petroleum hydrocarbons C6-C9	mg/L	Yearly				
C10-C14	mg/L	Yearly				
C15-C28	mg/L	Yearly				
C29-C36	mg/L	Yearly				
C10-C36 (Sum)	mg/L	Yearly				
Total Phenolics	mg/L	Yearly				
Xylene	mg/L	Yearly				
Zinc	mg/L	Yearly				

Monitoring Point 7 - GWM2

Monitoring Point 7 - GWM2				1		
			Date Sampled	Date Sampled	Date Sampled	Date Sampled
			24.11.2024			
Pollutant	Unit	Monitoring frequency	Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
. Grideane	0	i monitoring in equality				
			Sample Code	Sample Code	Sample Code	Sample Code
Alkalinity (as calcium carbonate)	mg/L	Quarterly	210			
Aluminium	mg/L	Yearly				
Ammonia	mg/L	Quarterly	0.02			
Arsenic	mg/L	Yearly				
Barium	mg/L	Yearly				
Benzene	mg/L	Yearly				
Biochemical oxygen demand	mg/L	Yearly				
Cadmium	mg/L	Yearly				
Calcium	mg/L	Quarterly	100			
Carbonate	mg/L	Quarterly	<1			
Chemical oxygen demand	mg/L	Yearly				
Chloride	mg/L	Quarterly	3500			
Chlorinated volatile compound	mg/L	Yearly				
Chromium (hexavalent)	mg/L	Yearly				
Cobalt	mg/L	Yearly				
Conductivity	μS/cm	Quarterly	9200			
Copper	mg/L	Yearly				
Ethyl benzene	mg/L	Yearly				
Fluoride	mg/L	Yearly				
Lead	mg/L	Yearly				
Magnesium	mg/L	Quarterly	290			
Manganese	mg/L	Yearly				
Mercury	mg/L	Yearly				
Nitrogen Oxides	mg/L	Yearly				
Organochlorine pesticides	mg/L	Yearly				
Organophosphate pesticides	mg/L	Yearly				
рН	рН	Quarterly	-			
Phosphate	mg/L	Yearly				
Phosphorus (Total)	mg/L	Quarterly	0.19			
Potassium	mg/L	Quarterly	1.1			
Salinity	mg/L	Quarterly	5900			
Sodium	mg/L	Quarterly	1900			
Sulfate	mg/L	Quarterly	200			
Toluene	mg/L	Yearly				
Total chromium	mg/L	Yearly				
Total dissolved solids	mg/L	Quarterly	6000			
Total organic carbon	mg/L	Yearly				
Total petroleum hydrocarbons C6-C9	mg/L	Yearly				
C10-C14	mg/L	Yearly				
C15-C28	mg/L	Yearly				
C29-C36	mg/L	Yearly				
C10-C36 (Sum)	mg/L	Yearly				
Total Phenolics	mg/L	Yearly				
Xylene	mg/L	Yearly				
Zinc	mg/L	Yearly				

Monitoring Point 8 - GWM3

Monitoring Point 8 - GWM3						I
			Date Sampled	Date Sampled	Date Sampled	Date Sampled
			24.11.2024			
Pollutant	Unit	Monitoring frequency	Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
, onatant	0	monitoring in equality				
			Sample Code	Sample Code	Sample Code	Sample Code
Alkalinity (as calcium carbonate)	mg/L	Quarterly	540			
Aluminium	mg/L	Yearly				
Ammonia	mg/L	Quarterly	<0.05			
Arsenic	mg/L	Yearly				
Barium	mg/L	Yearly				
Benzene	mg/L	Yearly				
Biochemical oxygen demand	mg/L	Yearly				
Cadmium	mg/L	Yearly				
Calcium	mg/L	Quarterly	120			
Carbonate	mg/L	Quarterly	<1			
Chemical oxygen demand	mg/L	Yearly				
Chloride	mg/L	Quarterly	8000			
Chlorinated volatile compound	mg/L	Yearly				
Chromium (hexavalent)	mg/L	Yearly				
Cobalt	mg/L	Yearly				
Conductivity	μS/cm	Quarterly	19000			
Copper	mg/L	Yearly				
Ethyl benzene	mg/L	Yearly				
Fluoride	mg/L	Yearly				
Lead	mg/L	Yearly				
Magnesium	mg/L	Quarterly	610			
Manganese	mg/L	Yearly	010			
Mercury	mg/L	Yearly				
Nitrogen Oxides	mg/L	Yearly				
Organochlorine pesticides	mg/L	Yearly				
Organophosphate pesticides	mg/L	Yearly				
pH	pH	Quarterly				
Phosphate	mg/L	Yearly	-			
	mg/L	Quarterly	0.34			
Phosphorus (Total) Potassium	-	Quarterly	2.7			
Salinity	mg/L mg/L		12000			-
	-	Quarterly				
Sodium Sulfate	mg/L	Quarterly	3700 600			
	mg/L	Quarterly	600			-
Toluene	mg/L	Yearly				
Total discount and a stide	mg/L	Yearly	45000			
Total dissolved solids	mg/L	Quarterly	15000			
Total organic carbon	mg/L	Yearly				
Total petroleum hydrocarbons C6-C9	mg/L	Yearly				
C10-C14	mg/L	Yearly				
C15-C28	mg/L	Yearly				
C29-C36	mg/L	Yearly				
C10-C36 (Sum)	mg/L	Yearly				
Total Phenolics	mg/L	Yearly				
Xylene	mg/L	Yearly				
Zinc	mg/L	Yearly				

Monitoring Point 9 - GWM4

Monitoring Point 9 - GWM4		· · · · · · · · · · · · · · · · · · ·		1		
Pollutant			Date Sampled	Date Sampled	Date Sampled	Date Sampled
			24.11.2024			
	Unit	Monitoring frequency	Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
	01.110	Workering in equality				
			Sample Code	Sample Code	Sample Code	Sample Code
Alkalinity (as calcium carbonate)	mg/L	Quarterly	93			
Aluminium	mg/L	Yearly				
Ammonia	mg/L	Quarterly	<0.05			
Arsenic	mg/L	Yearly				
Barium	mg/L	Yearly				
Benzene	mg/L	Yearly				
Biochemical oxygen demand	mg/L	Yearly				
Cadmium	mg/L	Yearly				
Calcium	mg/L	Quarterly	22			
Carbonate	mg/L	Quarterly	<1			
Chemical oxygen demand	mg/L	Yearly				
Chloride	mg/L	Quarterly	4000			
Chlorinated volatile compound	mg/L	Yearly				
Chromium (hexavalent)	mg/L	Yearly				
Cobalt	mg/L	Yearly				
Conductivity	μS/cm	Quarterly	10000			
Copper	mg/L	Yearly				
Ethyl benzene	mg/L	Yearly				
Fluoride	mg/L	Yearly				
Lead	mg/L	Yearly				
Magnesium	mg/L	Quarterly	290			
Manganese	mg/L	Yearly				
Mercury	mg/L	Yearly				
Nitrogen Oxides	mg/L	Yearly				
Organochlorine pesticides	mg/L	Yearly				
Organophosphate pesticides	mg/L	Yearly				
На	pH	Quarterly	-			
Phosphate	mg/L	Yearly				
Phosphorus (Total)	mg/L	Quarterly	0.05			
Potassium	mg/L	Quarterly	1.6			1
Salinity	mg/L	Quarterly	6700			1
Sodium	mg/L	Quarterly	1700			1
Sulfate	mg/L	Quarterly	140			1
Toluene	mg/L	Yearly	2.0			
Total chromium	mg/L	Yearly				
Total dissolved solids	mg/L	Quarterly	7100			
Total organic carbon	mg/L	Yearly	1200			
Total petroleum hydrocarbons C6-C9	mg/L	Yearly				
C10-C14	mg/L	Yearly				
C15-C28	mg/L	Yearly				
C29-C36	mg/L	Yearly				
C10-C36 (Sum)	mg/L	Yearly				
Total Phenolics	mg/L	Yearly				
Xylene	mg/L	Yearly				
Zinc	mg/L	Yearly				
ZIIIC	Ing/r	Tearry				

Monitoring Point 10 - GWM6

Monitoring Point 10 - GWM6						
Pollutant			Date Sampled	Date Sampled	Date Sampled	Date Sampled
			24.11.2024			
	Unit	Monitoring frequency	Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
			Sample Code	Sample Code	Sample Code	Sample Code
Alkalinity (as calcium carbonate)	mg/L	Quarterly	190			
Aluminium	mg/L	Yearly				
Ammonia	mg/L	Quarterly	<0.01			
Arsenic	mg/L	Yearly				
Barium	mg/L	Yearly				
Benzene	mg/L	Yearly				
Biochemical oxygen demand	mg/L	Yearly				
Cadmium	mg/L	Yearly				
Calcium	mg/L	Quarterly	36			
Carbonate	mg/L	Quarterly	<1			
Chemical oxygen demand	mg/L	Yearly				
Chloride	mg/L	Quarterly	46			
Chlorinated volatile compound	mg/L	Yearly				
Chromium (hexavalent)	mg/L	Yearly				
Cobalt	mg/L	Yearly				
Conductivity	μS/cm	Quarterly	510			
Copper	mg/L	Yearly				
Ethyl benzene	mg/L	Yearly				
Fluoride	mg/L	Yearly				
Lead	mg/L	Yearly				
Magnesium	mg/L	Quarterly	13			
Manganese	mg/L	Yearly	-10			
Mercury	mg/L	Yearly				
Nitrogen Oxides	mg/L	Yearly				
Organochlorine pesticides	mg/L	Yearly				
Organophosphate pesticides	mg/L	Yearly				
рН	pH	Quarterly	_			
Phosphate	mg/L	Yearly				
Phosphorus (Total)	mg/L	Quarterly	0.11			
Potassium	mg/L	Quarterly	0.2			
Salinity	mg/L	Quarterly	330			
Sodium	mg/L	Quarterly	42			
Sulfate	mg/L	Quarterly	17			
Toluene		Yearly	17			
Total chromium	mg/L					
Total dissolved solids	mg/L	Yearly	340			
	mg/L	Quarterly	340			
Total organic carbon	mg/L	Yearly				
Total petroleum hydrocarbons C6-C9	mg/L	Yearly				
C10-C14	mg/L	Yearly				
C15-C28	mg/L	Yearly				
C29-C36	mg/L	Yearly				
C10-C36 (Sum)	mg/L	Yearly				
Total Phenolics	mg/L	Yearly				
Xylene	mg/L	Yearly				
Zinc	mg/L	Yearly				

Monitoring Point 11 - GWM7

Monitoring Point 11 - GWM7						
Pollutant			Date Sampled	Date Sampled	Date Sampled	Date Sampled
	Unit	Manitaring fraguency	24.11.2024			
			Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
	Oill	Monitoring frequency				
			Sample Code	Sample Code	Sample Code	Sample Code
			·		·	·
Alkalinity (as calcium carbonate)	mg/L	Quarterly	210			
Aluminium	mg/L	Yearly				
Ammonia	mg/L	Quarterly	0.02			
Arsenic	mg/L	Yearly				
Barium	mg/L	Yearly				
Benzene	mg/L	Yearly				
Biochemical oxygen demand	mg/L	Yearly				
Cadmium	mg/L	Yearly				
Calcium	mg/L	Quarterly	40			
Carbonate	mg/L	Quarterly	<1			
Chemical oxygen demand	mg/L	Yearly	<u> </u>			
Chloride	mg/L	Quarterly	3900			
		·	3900			
Chlorinated volatile compound Chromium (hexavalent)	mg/L	Yearly				
	mg/L	Yearly				
Cobalt	mg/L	Yearly	40000			
Conductivity	μS/cm	Quarterly	10000			
Copper	mg/L	Yearly				
Ethyl benzene	mg/L	Yearly				
Fluoride	mg/L	Yearly				
Lead	mg/L	Yearly				
Magnesium	mg/L	Quarterly	180			
Manganese	mg/L	Yearly				
Mercury	mg/L	Yearly				
Nitrogen Oxides	mg/L	Yearly				
Organochlorine pesticides	mg/L	Yearly				
Organophosphate pesticides	mg/L	Yearly				
pH	рН	Quarterly	-			
Phosphate	mg/L	Yearly				
Phosphorus (Total)	mg/L	Quarterly	1.3			
Potassium	mg/L	Quarterly	0.4			
Salinity	mg/L	Quarterly	6600			
Sodium	mg/L	Quarterly	1900			
Sulfate	mg/L	Quarterly	100			
Toluene	mg/L	Yearly				
Total chromium	mg/L	Yearly				
Total dissolved solids	mg/L	Quarterly	6700			
Total organic carbon	mg/L	Yearly	0,00			
Total petroleum hydrocarbons C6-C9	mg/L	Yearly				
C10-C14	mg/L	Yearly				
C15-C28	mg/L	Yearly				
C15-C28 C29-C36						
C10-C36 (Sum)	mg/L	Yearly				
	mg/L	Yearly				-
Total Phenolics	mg/L	Yearly				
Xylene	mg/L	Yearly				
Zinc	mg/L	Yearly				

Monitoring Point 12 - GWM8

Monitoring Point 12 - GWM8						
Pollutant			Date Sampled	Date Sampled	Date Sampled	Date Sampled
			24.11.2024			
	Unit	Monitoring frequency	Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
	Oille					
			Sample Code	Sample Code	Sample Code	Sample Code
Alkalinity (as calcium carbonate)	mg/L	Quarterly	540			
Aluminium	mg/L	Yearly				
Ammonia	mg/L	Quarterly	0.23			
Arsenic	mg/L	Yearly				
Barium	mg/L	Yearly				
Benzene	mg/L	Yearly				
Biochemical oxygen demand	mg/L	Yearly				
Cadmium	mg/L	Yearly				
Calcium	mg/L	Quarterly	130			
Carbonate	mg/L	Quarterly	<1			
Chemical oxygen demand	mg/L	Yearly				
Chloride	mg/L	Quarterly	6200			
Chlorinated volatile compound	mg/L	Yearly				
Chromium (hexavalent)	mg/L	Yearly				
Cobalt	mg/L	Yearly				
Conductivity	μS/cm	Quarterly	15000			
Copper	mg/L	Yearly				
Ethyl benzene	mg/L	Yearly				
Fluoride	mg/L	Yearly				
Lead	mg/L	Yearly				
Magnesium	mg/L	Quarterly	390			
Manganese	mg/L	Yearly				
Mercury	mg/L	Yearly				
Nitrogen Oxides	mg/L	Yearly				
Organochlorine pesticides	mg/L	Yearly				
Organophosphate pesticides	mg/L	Yearly				
рН	pH	Quarterly	_			
Phosphate	mg/L	Yearly				
Phosphorus (Total)	mg/L	Quarterly	4.7			
Potassium	mg/L	Quarterly	2.7			
Salinity	mg/L	Quarterly	9500			
Sodium	mg/L	Quarterly	2700			
Sulfate	mg/L	Quarterly	240			
Toluene	mg/L	Yearly	240			
Total chromium	mg/L	Yearly				
Total dissolved solids	mg/L	Quarterly	10000			
Total organic carbon	mg/L	Yearly	13000			
Total petroleum hydrocarbons C6-C9	mg/L	Yearly				
C10-C14	mg/L	Yearly				
C15-C28	mg/L	Yearly				
C13-C28 C29-C36	mg/L	Yearly				
C10-C36 (Sum)	mg/L	Yearly				
Total Phenolics						
	mg/L	Yearly				
Xylene	mg/L	Yearly				
Zinc	mg/L	Yearly				

Monitoring Point 13 - GWM9

Monitoring Point 13 - GWM9				I	T	I=
Pollutant			Date Sampled	Date Sampled	Date Sampled	Date Sampled
			24.11.2024			
	Unit	Monitoring frequency	Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
		omicornig frequency				
			Sample Code	Sample Code	Sample Code	Sample Code
Alkalinity (as calcium carbonate)	mg/L	Quarterly	160			
Aluminium	mg/L	Yearly				
Ammonia	mg/L	Quarterly	0.17			
Arsenic	mg/L	Yearly				
Barium	mg/L	Yearly				
Benzene	mg/L	Yearly				
Biochemical oxygen demand	mg/L	Yearly				
Cadmium	mg/L	Yearly				
Calcium	mg/L	Quarterly	39			
Carbonate	mg/L	Quarterly	<1			
Chemical oxygen demand	mg/L	Yearly				
Chloride	mg/L	Quarterly	2000			
Chlorinated volatile compound	mg/L	Yearly				
Chromium (hexavalent)	mg/L	Yearly				
Cobalt	mg/L	Yearly				
Conductivity	μS/cm	Quarterly	5700			
Copper	mg/L	Yearly				
Ethyl benzene	mg/L	Yearly				
Fluoride	mg/L	Yearly				
Lead	mg/L	Yearly				
Magnesium	mg/L	Quarterly	100			
Manganese	mg/L	Yearly	200			
Mercury	mg/L	Yearly				
Nitrogen Oxides	mg/L	Yearly				
Organochlorine pesticides	mg/L	Yearly				
Organophosphate pesticides	mg/L	Yearly				
рН	pH	Quarterly	_			
Phosphate	mg/L	Yearly				
Phosphorus (Total)	mg/L	Quarterly	0.76			
Potassium	mg/L	Quarterly	7.8			1
Salinity	mg/L	Quarterly	3700			+
Sodium	mg/L	Quarterly	1300		+	1
Sulfate	mg/L	Quarterly	80			+
Toluene	mg/L	Yearly	80			
		,				
Total chromium	mg/L	Yearly	3400			
Total dissolved solids	mg/L	Quarterly	3400			
Total organic carbon	mg/L	Yearly				
Total petroleum hydrocarbons C6-C9	mg/L	Yearly				
C10-C14	mg/L	Yearly				
C15-C28	mg/L	Yearly				
C29-C36	mg/L	Yearly				
C10-C36 (Sum)	mg/L	Yearly				
Total Phenolics	mg/L	Yearly				
Xylene	mg/L	Yearly				
Zinc	mg/L	Yearly				

Polluntant Monitoring - Correction Log

EPL No: 5293

Sample Point	Pollutant	Sample Date and Time	Original Data	Corrected Data	Date Originally Published	Reason