

Analytical Results - (MRF) GLENLOGAN ROAD MATERIAL RECYCLING FACILITY & LANDFILL SITE

EPA License Number	6435
Link to Licence	EPL6435
Licensee Name	Cowra Shire Council
Licensee Address	Private Bag 342, Cowra NSW 2794
Location of Monitoring Point	GLENLOGAN ROAD MATERIAL RECYCLING FACILITY & LANDFILL SITE GLENLOGAN ROAD, COWRA, NSW, 2794
Scheduled Activity	Non-thermal treatment of general waste Waste disposal by application to land
Unit/s of Measure	Listed below
Monitoring points	Listed below, also see map
Date Published	01/07/2026
Frequency of Monitoring	Monitoring Points 1,2, 3 , 4, 5, 6 and 7 twice a year

Map of Monitoring Points



2025-2026 REPORTING

Sampling twice a year for Points 1,2,3,7			Results 2019- 2020 reporting year							
Pollutant	Limits set by EPA	Reporting Limit set on Lab Report	Monitoring Point 1 Ground Water		Monitoring Point 2 Ground Water		Monitoring Point 3 Ground Water		Monitoring Point 7 Leachate	
Sample date	No Limits				15/10/2025	29/04/2026	15/10/2025	29/04/2026	15/10/2025	29/04/2026
Ammonia		0.01	Dry well	Dry well	<0.01	<0.01	<0.01	0.05	0.08	0.62
Biological Oxygen Demand		5			<5	<5	<5	<5	26	NA
Calcium		0.2			29	25	24	22	-	200
Chloride		0.05			340	260	24	20	-	48000
Fluoride		0.1			0.41	0.5	0.48	0.64	-	1.2
Iron		0.005			24	100	66	560	-	990
Magnesium		0.1			22	19	16	15	-	170
Manganese		0.001			28	9	<1	9	-	370
Nitrate		0.005			0.86	1.1	2.8	3.4	<0.501	<0.05
Potassium		0.1			3.6	3.9	0.5	0.7	-	620
Sodium		0.5			210	190	30	28	-	29000
Standing water Level		N.A			24	24	21	22	NA	NA
Sulfate		1			12	10	7.7	7.1	-	52
Total Organic Carbon		0.2			2.8	3.4	0.2	0.5	-	120
Total Phenlics		0.05			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Alkalinity		5			200	190	130	140	140	210
Conductivity		2			1300	1200	360	390	57000	99000
pH		0			7.4	7.4	6.9	7.1	8.2	7.8
Total Suspended Solid		5			NA	NA	NA	NA	NA	NA

Sampling twice a year for Points 4,5 and 6			Results 2020- 2021 reporting year					
Pollutant	Limits set by EPA	Reporting Limit set on Lab Report	Monitoring Point 4 Sedimentation Basin		Monitoring Point 5 Irrigation Dam		Monitoring Point 6 Exit Culvert	
Sample date	No Limits		15/10/2025	29/04/2026	15/10/2025	29/04/2026	15/10/2025	29/04/2026
Alkalinity		5	150	230	120	140	93	81
Conductivity		2	710	620	670	570	390	230
pH		0	7.5	7.3	7.9	7.9	7.2	7.8
Total Suspended Solid		5	15	960	7	<5	31	170

2024-2025 REPORTING

Sampling twice a year for Points 1,2,3,7			Results 2019- 2020 reporting year							
Pollutant	Limits set by EPA	Reporting Limit set on Lab Report	Monitoring Point 1 Ground Water		Monitoring Point 2 Ground Water		Monitoring Point 3 Ground Water		Monitoring Point 7 Leachate	
Sample date	No Limits				10/10/2024	12/02/2025	10/10/2024	12/02/2025	10/10/2024	12/02/2025
Ammonia		0.01	Dry well	Dry well	<0.01	0.02	<0.01	<0.01	5	13
Biological Oxygen Demand		5			<5	<5	<5	<5	39	110
Calcium		0.2			31	37	21	21		
Chloride		1			170	310	23	19	-	-
Fluoride		0.1			0.39	0.37	0.39	0.7	-	-
Iron		0.005			11	370	<5	430		
Magnesium		0.1			24	29	14	15		
Manganese		0.001			<1	10	<1	7		
Nitrate		0.005			1.9	1.3	3.2	3.6	<0.25	<0.005
Potassium		0.1			1.7	3.2	0.5	0.6		
Sodium		0.5			140	220	36	38		
Standing water Level		N.A			22	21	18	18	NA	NA
Sulfate		1			19	15	6.8	8.2	-	-
Total Organic Carbon		0.2			2	3.7	0.6	1.6		
Total Phenlics		0.01			<0.05	<0.05	<0.05	<0.05	0.11	<0.05
Alkalinity		5			210	200	150	140	200	300
Conductivity		2			1500	1300	390	330	42000	89000
pH		0			7.1	7.4	7	7.2	7.4	7.7
Total Suspended Soilid		5								

Sampling twice a year for Points 4,5 and 6			Results 2020- 2021 reporting year					
Pollutant	Limits set by EPA	Reporting Limit set on Lab Report	Monitoring Point 4 Sedimentation Basin		Monitoring Point 5 Irrigation Dam		Monitoring Point 6 Exit Culvert	
Sample date	No Limits		10/10/2024	12/02/2025	10/10/2024	12/02/2025	10/10/2024	12/02/2025
Alkalinity		5	120	140	110	120	82	120
Conductivity		2	550	530	1200	800	180	590
pH		0	7.2	7.4	7.7	7.7	7	7.3
Total Suspended Soilid		5	19	620	<5	8	39	18

2023-2024 REPORTING

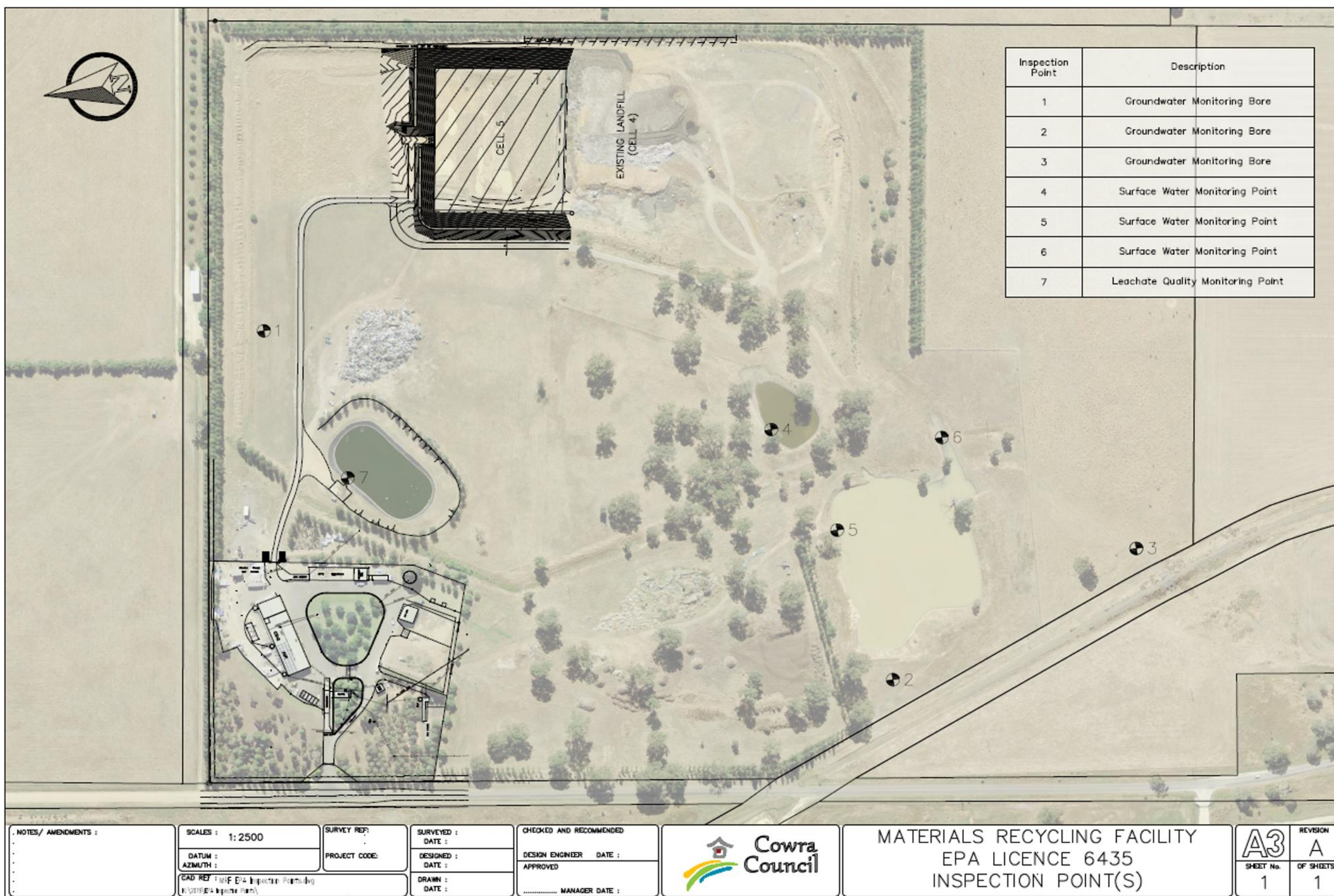
Sampling twice a year for Points 1,2,3,7			Results 2019- 2020 reporting year							
Pollutant	Limits set by EPA	Reporting Limit set on Lab Report	Monitoring Point 1 Ground Water		Monitoring Point 2 Ground Water		Monitoring Point 3 Ground Water		Monitoring Point 7 Leachate	
Sample date	No Limits				19/10/2023	4/03/2023	19/10/2023	4/03/2023	19/10/2023	4/03/2023
Ammonia		0.01	Dry well	Dry well	<0.01	<0.01	<0.01	<0.01	0.02	0.11
Biological Oxygen Demand		5			<5	<5	<5	<5	53	58
Calcium		0.2			32	29	21	23	130	140
Chloride		1			120	140	17	25	21000	28000
Fluoride		0.1			0.47	0.43	0.39	0.55	0.24	0.25
Iron		0.005			<5	13	55	120	150	490
Magnesium		0.1			25	24	14	16	77	100
Manganese		0.001			<1	<1	<1	8	30	380
Nitrate		0.005			1.4	1.8	2.7	3	<0.50	<2.5
Potassium		0.1			1.5	1.5	0.5	0.6	240	240
Sodium		0.5			100	110	21	31	13000	15000
Standing water Level		N.A			24	24	21	22	NA	NA
Sulfate		1			18	19	7.6	8.3	17	4.4
Total Organic Carbon		0.2			1.5	1.4	0.6	0.7	83	98
Total Phenlics		0.01			<0.1	<0.05	<0.1	<0.05	<0.1	<0.05
Alkalinity		5			240	210	130	130	110	160
Conductivity		2			1000	900	340	380	54000	83000
pH		0			7.2	7.4	6.8	6.9	9.8	8.4
Total Suspended Soilid		5			NA	NA	NA	NA	NA	NA

Sampling twice a year for Points 4,5 and 6			Results 2020- 2021 reporting year					
Pollutant	Limits set by EPA	Reporting Limit set on Lab Report	Monitoring Point 4 Sedimentation Basin		Monitoring Point 5 Irrigation Dam		Monitoring Point 6 Exit Culvert	
Sample date	No Limits		19/10/2023	4/03/2023	19/10/2023	4/03/2023	19/10/2023	4/03/2023
Alkalinity		5	150	130	96	100	58	63
Conductivity		2	4700	980	2100	1600	130	140
pH		0	7.4	7.2	7.7	7.2	6.8	7.2
Total Suspended Soilid		5	25	16	51	8	110	210

2022-2023 REPORTING

Sampling twice a year for Points 1,2,3,7			Results 2019- 2020 reporting year							
Pollutant	Limits set by EPA	Reporting Limit set on Lab Report	Monitoring Point 1 Ground Water		Monitoring Point 2 Ground Water		Monitoring Point 3 Ground Water		Monitoring Point 7 Leachate	
Sample date	No Limits				7/07/2022	15/12/2021	7/07/2022	15/12/2021	7/07/2022	15/12/2021
Ammonia		0.01	No samples taken	No samples taken	<0.01	0.03	<0.01	<0.01	18	0.59
Biological Oxygen Demand		5			<5	<5	<5	<5	22	15
Calcium		0.2			26	27	21	22	160	<0.2
Chloride		1			62	95	7.6	8.5	19000	15000
Fluoride		0.1			0.72	0.81	0.57	0.56	0.25	<5.0
Iron		0.005			220	11	950	92	900	480
Magnesium		0.1			22	22	15	15	70	<0.1
Manganese		0.001			4	<1	12	3	1800	230
Nitrate		0.005			1.9	1.6	2.8	2.9	<0.50	<0.25
Potassium		0.1			1.5	1.5	0.5	0.6	180	<0.1
Sodium		0.5			100	100	19	17	11000	<0.5
Standing water Level		N.A			24	24	21	22	NA	NA
Sulfate		1			15	17	6.3	6.3	48	30
Total Organic Carbon		0.2			1.7	2	0.5	0.8	84	6
Total Phenolics		0.01			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Alkalinity		5			220	270	120	280	340	170
Conductivity		2			660	740	290	280	60000	45000
pH		0			7.1	7.7	6.9	6.9	6.7	8.1
Total Suspended Solids		5			NA	NA	NA	NA	NA	NA

Sampling twice a year for Points 4,5 and 6			Results 2020- 2021 reporting year					
Pollutant	Limits set by EPA	Reporting Limit set on Lab Report	Monitoring Point 4 Sedimentation Basin		Monitoring Point 5 Irrigation Dam		Monitoring Point 6 Exit Culvert	
Sample date	No Limits		7/07/2022	15/12/2021	7/07/2022	15/12/2021	7/07/2022	15/12/2021
Alkalinity		5	94	69	95	71	49	68
Conductivity		2	1500	1900	2700	1900	110	160
pH		0	6.9	7.4	6.8	7.4	6.7	7
Total Suspended Solids		5	76	26	<5	180	150	74



Inspection Point	Description
1	Groundwater Monitoring Bore
2	Groundwater Monitoring Bore
3	Groundwater Monitoring Bore
4	Surface Water Monitoring Point
5	Surface Water Monitoring Point
6	Surface Water Monitoring Point
7	Leachate Quality Monitoring Point

NOTES/ AMENDMENTS :

SCALE : 1:2500

DATUM :

AZIMUTH :

CAD REF : F:\MSE EPA Inspection Point.mxd
R:\2019\EPA Inspection Point\

SURVEY REF :

PROJECT CODE :

SURVEYED :

DATE :

DESIGNED :

DATE :

DRAWN :

DATE :

CHECKED AND RECOMMENDED

DESIGN ENGINEER DATE :

APPROVED

MANAGER DATE :



MATERIALS RECYCLING FACILITY
EPA LICENCE 6435
INSPECTION POINT(S)

A3
SHEET No.
1

REVISION
A
OF SHEETS
1