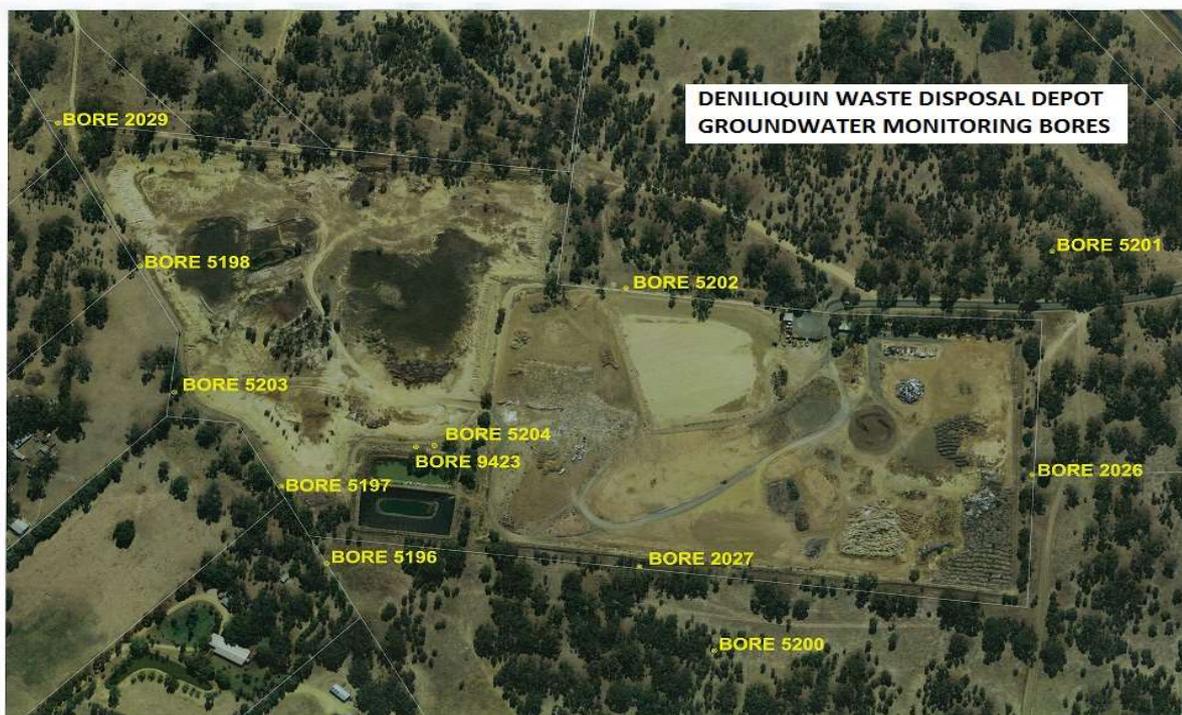


POLLUTION MONITORING DATA DENILIQVIN WASTE DISPOSAL DEPOT



Environment Protection Licence No.: [6188](#)

Link to full licence on EPA website:

<http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31285&SYSUID=1&LICID=6188>

Licensee: Edward River Council, PO Box 270 Deniliquin NSW 2710

Address of facility: Hay Road, Deniliquin NSW 2710

Monitoring Point 1

Location: Bore 5196

Date data Published: 17th November 2022

Date data obtained by Licensee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	33
Ammonia	mg/l	Every 6 months	0.013
Arsenic	mg/l	Yearly	<0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	64
Chloride	mg/l	Yearly	770
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	<0.1
Iron	mg/l	Yearly	<0.01
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	96
Manganese	mg/l	Yearly	0.007
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	0.13
pH	pH	Every 6 months	5.8
Potassium	mg/l	Every 6 months	5.9
Sodium	mg/l	Yearly	340
Standing Water Level	metres	Every 6 months	81.560
Sulphate	mg/l	Yearly	140
Total Dissolved Solids	us/cm	Every 6 months	1900
Total Organic Carbon	mg/l	Yearly	0.7
E.coli	per100ml	Every 6 months	<1

Monitoring Point 2

Location: Bore 5197

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	420
Ammonia	mg/l	Every 6 months	4.1
Arsenic	mg/l	Yearly	<0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	260
Chloride	mg/l	Yearly	1900
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	0.15
Iron	mg/l	Yearly	0.25
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	270
Manganese	mg/l	Yearly	0.98
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6.3
Potassium	mg/l	Every 6 months	26
Sodium	mg/l	Yearly	750
Standing Water Level	metres	Every 6 months	81.550
Sulphate	mg/l	Yearly	370
Total Dissolved Solids	us/cm	Every 6 months	4900
Total Organic Carbon	mg/l	Yearly	12
E.coli	per100ml	Every 6 months	<1

Monitoring Point 3

Location: Bore 5198

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	22
Ammonia	mg/l	Every 6 months	0.02
Arsenic	mg/l	Yearly	0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	170
Chloride	mg/l	Yearly	1700
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	<0.1
Iron	mg/l	Yearly	1.7
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	190
Manganese	mg/l	Yearly	0.14
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	0.03
pH	pH	Every 6 months	5.5
Potassium	mg/l	Every 6 months	24
Sodium	mg/l	Yearly	640
Standing Water Level	metres	Every 6 months	81.565
Sulphate	mg/l	Yearly	180
Total Dissolved Solids	us/cm	Every 6 months	4200
Total Organic Carbon	mg/l	Yearly	2.5
E.coli	per100ml	Every 6 months	<1

Monitoring Point 4

Location: Bore 5204

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	460
Ammonia	mg/l	Every 6 months	20
Arsenic	mg/l	Yearly	0.002
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	310
Chloride	mg/l	Yearly	2400
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	0.12
Iron	mg/l	Yearly	2.6
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	300
Manganese	mg/l	Yearly	1.6
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6.4
Potassium	mg/l	Every 6 months	28
Sodium	mg/l	Yearly	1000
Standing Water Level	metres	Every 6 months	81.610
Sulphate	mg/l	Yearly	450
Total Dissolved Solids	us/cm	Every 6 months	5900
Total Organic Carbon	mg/l	Yearly	17
E.coli	per100ml	Every 6 months	<1

Monitoring Point 5

Location: Bore 5200

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	190
Ammonia	mg/l	Every 6 months	<0.01
Arsenic	mg/l	Yearly	0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	410
Chloride	mg/l	Yearly	7500
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	<0.1
Iron	mg/l	Yearly	0.57
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	850
Manganese	mg/l	Yearly	0.08
Mercury	mg/l	Yearly	0.0001
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6
Potassium	mg/l	Every 6 months	12
Sodium	mg/l	Yearly	4000
Standing Water Level	metres	Every 6 months	81.760
Sulphate	mg/l	Yearly	1700
Total Dissolved Solids	us/cm	Every 6 months	16000
Total Organic Carbon	mg/l	Yearly	3.4
E.coli	per100ml	Every 6 months	<1

Monitoring Point 6

Location: Bore 5201

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	140
Ammonia	mg/l	Every 6 months	<0.01
Arsenic	mg/l	Yearly	0.002
Cadmium	mg/l	Yearly	0.001
Calcium	mg/l	Yearly	480
Chloride	mg/l	Yearly	5100
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	<0.1
Iron	mg/l	Yearly	5.4
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	690
Manganese	mg/l	Yearly	0.091
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6.2
Potassium	mg/l	Every 6 months	27
Sodium	mg/l	Yearly	2100
Standing Water Level	metres	Every 6 months	81.835
Sulphate	mg/l	Yearly	1200
Total Dissolved Solids	us/cm	Every 6 months	12000
Total Organic Carbon	mg/l	Yearly	4.4
E.coli	per100ml	Every 6 months	<1

Monitoring Point 7

Location: Bore 5202

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	490
Ammonia	mg/l	Every 6 months	9.9
Arsenic	mg/l	Yearly	<0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	170
Chloride	mg/l	Yearly	1200
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	0.17
Iron	mg/l	Yearly	0.31
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	170
Manganese	mg/l	Yearly	1.3
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6.3
Potassium	mg/l	Every 6 months	22
Sodium	mg/l	Yearly	500
Standing Water Level	metres	Every 6 months	81.765
Sulphate	mg/l	Yearly	150
Total Dissolved Solids	us/cm	Every 6 months	2900
Total Organic Carbon	mg/l	Yearly	14
E.coli	per100ml	Every 6 months	<1

Monitoring Point 8

Location: Bore 2026

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	110
Ammonia	mg/l	Every 6 months	<0.01
Arsenic	mg/l	Yearly	<0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	260
Chloride	mg/l	Yearly	5300
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	<0.1
Iron	mg/l	Yearly	0.07
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	680
Manganese	mg/l	Yearly	0.098
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	0.23
pH	pH	Every 6 months	6.0
Potassium	mg/l	Every 6 months	14
Sodium	mg/l	Yearly	2800
Standing Water Level	metres	Every 6 months	81.815
Sulphate	mg/l	Yearly	1300
Total Dissolved Solids	us/cm	Every 6 months	12000
Total Organic Carbon	mg/l	Yearly	2.3
E.coli	per100ml	Every 6 months	<1

Monitoring Point 9

Location: Bore 2027

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	68
Ammonia	mg/l	Every 6 months	0.012
Arsenic	mg/l	Yearly	<0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	430
Chloride	mg/l	Yearly	6900
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	<0.1
Iron	mg/l	Yearly	0.08
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	860
Manganese	mg/l	Yearly	0.22
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	5.6
Potassium	mg/l	Every 6 months	24
Sodium	mg/l	Yearly	3400
Standing Water Level	metres	Every 6 months	81.710
Sulphate	mg/l	Yearly	1600
Total Dissolved Solids	us/cm	Every 6 months	15000
Total Organic Carbon	mg/l	Yearly	2.9
E.coli	per100ml	Every 6 months	<1

Monitoring Point 10

Location: Bore 5203

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	420
Ammonia	mg/l	Every 6 months	0.61
Arsenic	mg/l	Yearly	<0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	170
Chloride	mg/l	Yearly	1400
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	<0.1
Iron	mg/l	Yearly	0.18
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	240
Manganese	mg/l	Yearly	1.1
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6.2
Potassium	mg/l	Every 6 months	16
Sodium	mg/l	Yearly	620
Standing Water Level	metres	Every 6 months	81.485
Sulphate	mg/l	Yearly	270
Total Dissolved Solids	us/cm	Every 6 months	3900
Total Organic Carbon	mg/l	Yearly	13
E.coli	per100ml	Every 6 months	<1

Monitoring Point 11

Location: Bore 2029

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	39
Ammonia	mg/l	Every 6 months	2.2
Arsenic	mg/l	Yearly	<0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	420
Chloride	mg/l	Yearly	4500
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	<0.1
Iron	mg/l	Yearly	0.39
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	660
Manganese	mg/l	Yearly	0.62
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6
Potassium	mg/l	Every 6 months	29
Sodium	mg/l	Yearly	1500
Standing Water Level	metres	Every 6 months	81.570
Sulphate	mg/l	Yearly	580
Total Dissolved Solids	us/cm	Every 6 months	9900
Total Organic Carbon	mg/l	Yearly	3.1
E.coli	per100ml	Every 6 months	<1

Monitoring Point 12

Location: Bore 9423

Date data Published: 17th November 2022

Date data obtained by Licencee: 27th October 2022

Date Sampled: 12th October 2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	180
Ammonia	mg/l	Every 6 months	8.5
Arsenic	mg/l	Yearly	0.001
Cadmium	mg/l	Yearly	<0.001
Calcium	mg/l	Yearly	410
Chloride	mg/l	Yearly	3300
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	<0.1
Iron	mg/l	Yearly	0.66
Lead	mg/l	Yearly	<0.01
Magnesium	mg/l	Yearly	400
Manganese	mg/l	Yearly	1.8
Mercury	mg/l	Yearly	<0.0001
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6
Potassium	mg/l	Every 6 months	29
Sodium	mg/l	Yearly	1400
Standing Water Level	metres	Every 6 months	81.720
Sulphate	mg/l	Yearly	600
Total Dissolved Solids	us/cm	Every 6 months	8200
Total Organic Carbon	mg/l	Yearly	6
E.coli	per100ml	Every 6 months	<1

..... End of report