

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: 21/04/2022

Date data obtained by Licensee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.42
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	0.12
pH	pH	Every 6 months	5.6
Potassium	mg/l	Every 6 months	11
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.520
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	5000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 2

Location: Bore 5197

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	11
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	0.011
pH	pH	Every 6 months	6.3
Potassium	mg/l	Every 6 months	25
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.145
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	5200
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 3

Location: Bore 5198

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.033
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	0.069
pH	pH	Every 6 months	5.8
Potassium	mg/l	Every 6 months	24
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.875
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	4000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 4

Location: Bore 5204

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	18
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	0.02
pH	pH	Every 6 months	6.6
Potassium	mg/l	Every 6 months	25
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.635
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	6400
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 5

Location: Bore 5200

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	<0.02
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6.2
Potassium	mg/l	Every 6 months	12
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.720
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	16000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 6

Location: Bore 5201

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	<0.02
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6.5
Potassium	mg/l	Every 6 months	32
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.810
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	12000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 7

Location: Bore 5202

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	9.4
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	0.075
pH	pH	Every 6 months	6.6
Potassium	mg/l	Every 6 months	22
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.745
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	2900
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 8

Location: Bore 2026

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	<0.02
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	0.2
pH	pH	Every 6 months	6.0
Potassium	mg/l	Every 6 months	15
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.770
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	12000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 9

Location: Bore 2027

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	<0.02
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	5.6
Potassium	mg/l	Every 6 months	23
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.685
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	15000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 10

Location: Bore 5203

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.6
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6.3
Potassium	mg/l	Every 6 months	17
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.280
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	3700
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 11

Location: Bore 2029

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	1.5
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	5.9
Potassium	mg/l	Every 6 months	28
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.075
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	10000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 12

Location: Bore 9423

Date data Published: 21/04/2022

Date data obtained by Licencee: 31/03/2022

Date Sampled: 22/03/2022

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	9.2
Arsenic	mg/l	Yearly	
Cadmium	mg/l	Yearly	
Calcium	mg/l	Yearly	
Chloride	mg/l	Yearly	
Chromium	mg/l	Every 6 months	<0.01
Fluoride	mg/l	Yearly	
Iron	mg/l	Yearly	
Lead	mg/l	Yearly	
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	<0.005
pH	pH	Every 6 months	6.4
Potassium	mg/l	Every 6 months	15
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.690
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	7300
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

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