

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: 18-Apr-24

Date data obtained by Licensee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.019
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	0.26
pH	pH	Every 6 months	5.38
Potassium	mg/l	Every 6 months	14
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.230
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	6600
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 2

Location: Bore 5197

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	NO
Ammonia	mg/l	Every 6 months	SAMPLES
Arsenic	mg/l	Yearly	TAKEN
Cadmium	mg/l	Yearly	FOR
Calcium	mg/l	Yearly	BORE
Chloride	mg/l	Yearly	5197
Chromium	mg/l	Every 6 months	IN
Fluoride	mg/l	Yearly	Mar-24
Iron	mg/l	Yearly	DUE
Lead	mg/l	Yearly	TO NO
Magnesium	mg/l	Yearly	ACCESS
Manganese	mg/l	Yearly	TO BORE
Mercury	mg/l	Yearly	SITE
Nitrate	mg/l	Every 6 months	BECAUSE
pH	pH	Every 6 months	OF
Potassium	mg/l	Every 6 months	WASHOUTS
Sodium	mg/l	Yearly	TO
Standing Water Level	metres	Every 6 months	ACCESS
Sulphate	mg/l	Yearly	TRACK
Total Dissolved Solids	us/cm	Every 6 months	AFTER
Total Organic Carbon	mg/l	Yearly	Nov-23
E.coli	per100ml	Every 6 months	RAIN EVENT

Monitoring Point 3

Location: Bore 5198

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

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	0.025
pH	pH	Every 6 months	6.01
Potassium	mg/l	Every 6 months	4.3
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.230
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	280
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 4

Location: Bore 5204

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	12
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	6.48
Potassium	mg/l	Every 6 months	17
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.390
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	1400
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 5

Location: Bore 5200

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.017
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	5.91
Potassium	mg/l	Every 6 months	13
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.240
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	18000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 6

Location: Bore 5201

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.039
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	6.54
Potassium	mg/l	Every 6 months	5.8
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.405
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	1400
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 7

Location: Bore 5202

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	5.4
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	<0.005
pH	pH	Every 6 months	6.05
Potassium	mg/l	Every 6 months	17
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.455
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	3200
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 8

Location: Bore 2026

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.15
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	5.8
Potassium	mg/l	Every 6 months	18
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.375
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	11000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 9

Location: Bore 2027

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.059
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	5.33
Potassium	mg/l	Every 6 months	19
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.305
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	14000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 10

Location: Bore 5203

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	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	<0.01
pH	pH	Every 6 months	6.0
Potassium	mg/l	Every 6 months	17
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.310
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	3900
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

Monitoring Point 11

Location: Bore 2029

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.034
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	0.052
pH	pH	Every 6 months	5.29
Potassium	mg/l	Every 6 months	23
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.230
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	7800
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	3

Monitoring Point 12

Location: Bore 9423

Date data Published: 18-Apr-24

Date data obtained by Licencee: 09-Apr-24

Date Sampled: 12-Mar-24

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	4.1
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	6.61
Potassium	mg/l	Every 6 months	17
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.440
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	250
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	13

..... End of report