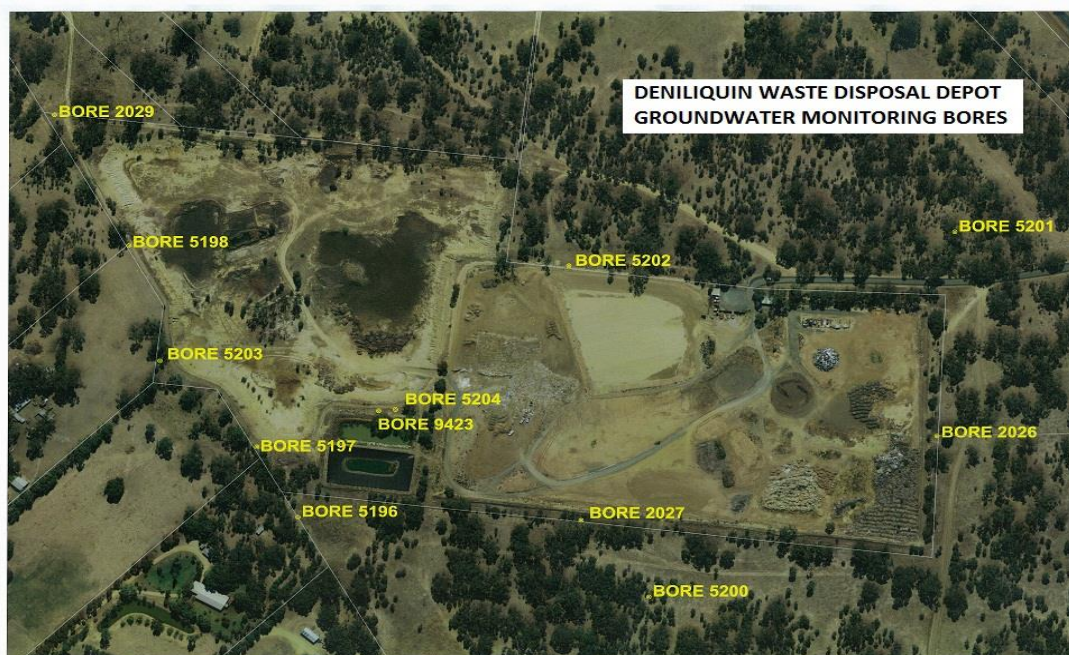


POLLUTION MONITORING DATA DENILIQVIN WASTE DISPOSAL DEPOT



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: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	45
Ammonia	mg/l	Every 6 months	0.071
Arsenic	mg/l	Yearly	0.001
Cadmium	mg/l	Yearly	0.001
Calcium	mg/l	Yearly	140
Chloride	mg/l	Yearly	1600
Chromium	mg/l	Every 6 months	0.01
Fluoride	mg/l	Yearly	0.1
Iron	mg/l	Yearly	0.09
Lead	mg/l	Yearly	0.01
Magnesium	mg/l	Yearly	190
Manganese	mg/l	Yearly	0.560
Mercury	mg/l	Yearly	0.0001
Nitrate	mg/l	Every 6 months	0.087
pH	pH	Every 6 months	5.60
Potassium	mg/l	Every 6 months	11
Sodium	mg/l	Yearly	630
Standing Water Level	metres	Every 6 months	81.785
Sulphate	mg/l	Yearly	310
Total Dissolved Solids	us/cm	Every 6 months	3600
Total Organic Carbon	mg/l	Yearly	1.6
E.coli	per100ml	Every 6 months	No licence requirement

Monitoring Point 2

Location: Bore 5197

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

Pollutant	Unit	Monitoring frequency required by licence	Measurement

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: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

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	under
Calcium	mg/l	Yearly	EPA Licence
Chloride	mg/l	Yearly	requirements
Chromium	mg/l	Every 6 months	licence
Fluoride	mg/l	Yearly	updated
Iron	mg/l	Yearly	August
Lead	mg/l	Yearly	2024
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	
pH	pH	Every 6 months	
Potassium	mg/l	Every 6 months	
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	

Monitoring Point 4

Location: Bore 5204

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	260
Ammonia	mg/l	Every 6 months	13
Arsenic	mg/l	Yearly	0.017
Cadmium	mg/l	Yearly	0.001

Calcium	mg/l	Yearly	82
Chloride	mg/l	Yearly	630
Chromium	mg/l	Every 6 months	0.01
Fluoride	mg/l	Yearly	0.13
Iron	mg/l	Yearly	4.4
Lead	mg/l	Yearly	0.01
Magnesium	mg/l	Yearly	90
Manganese	mg/l	Yearly	0.58
Mercury	mg/l	Yearly	0.0001
Nitrate	mg/l	Every 6 months	0.008
pH	pH	Every 6 months	6.5
Potassium	mg/l	Every 6 months	18
Sodium	mg/l	Yearly	310
Standing Water Level	metres	Every 6 months	82.105
Sulphate	mg/l	Yearly	110
Total Dissolved Solids	us/cm	Every 6 months	1600
Total Organic Carbon	mg/l	Yearly	10
E.coli	per100ml	Every 6 months	No licence requirement

Monitoring Point 5

Location: Bore 5200

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

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	under
Calcium	mg/l	Yearly	EPA Licence
Chloride	mg/l	Yearly	requirements
Chromium	mg/l	Every 6 months	Licence
Fluoride	mg/l	Yearly	updated
Iron	mg/l	Yearly	August
Lead	mg/l	Yearly	2024
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	
pH	pH	Every 6 months	
Potassium	mg/l	Every 6 months	
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	

Monitoring Point 6

Location: Bore 5201

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	170
Ammonia	mg/l	Every 6 months	0.069
Arsenic	mg/l	Yearly	0.003
Cadmium	mg/l	Yearly	0.001
Calcium	mg/l	Yearly	120
Chloride	mg/l	Yearly	1300
Chromium	mg/l	Every 6 months	0.01
Fluoride	mg/l	Yearly	0.1
Iron	mg/l	Yearly	1.6
Lead	mg/l	Yearly	0.01

Magnesium	mg/l	Yearly	140
Manganese	mg/l	Yearly	0.12
Mercury	mg/l	Yearly	0.0001
Nitrate	mg/l	Every 6 months	0.005
pH	pH	Every 6 months	6.5
Potassium	mg/l	Every 6 months	9.8
Sodium	mg/l	Yearly	720
Standing Water Level	metres	Every 6 months	81.180
Sulphate	mg/l	Yearly	320
Total Dissolved Solids	us/cm	Every 6 months	3300
Total Organic Carbon	mg/l	Yearly	3.8
E.coli	per100ml	Every 6 months	No licence requirement

Monitoring Point 7

Location: Bore 5202

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	520
Ammonia	mg/l	Every 6 months	6.9
Arsenic	mg/l	Yearly	0.005
Cadmium	mg/l	Yearly	0.001
Calcium	mg/l	Yearly	180
Chloride	mg/l	Yearly	1300
Chromium	mg/l	Every 6 months	0.01
Fluoride	mg/l	Yearly	0.1
Iron	mg/l	Yearly	4
Lead	mg/l	Yearly	0.01
Magnesium	mg/l	Yearly	190
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	6.2
Potassium	mg/l	Every 6 months	17
Sodium	mg/l	Yearly	590
Standing Water Level	metres	Every 6 months	82.095
Sulphate	mg/l	Yearly	190
Total Dissolved Solids	us/cm	Every 6 months	3400
Total Organic Carbon	mg/l	Yearly	16
E.coli	per100ml	Every 6 months	No licence requirement

Monitoring Point 8

Location: Bore 2026

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

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	under
Calcium	mg/l	Yearly	EPA Licence
Chloride	mg/l	Yearly	requirements
Chromium	mg/l	Every 6 months	licence
Fluoride	mg/l	Yearly	updated
Iron	mg/l	Yearly	August
Lead	mg/l	Yearly	2024
Magnesium	mg/l	Yearly	
Manganese	mg/l	Yearly	
Mercury	mg/l	Yearly	
Nitrate	mg/l	Every 6 months	
pH	pH	Every 6 months	
Potassium	mg/l	Every 6 months	

Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	
Sulphate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	

Monitoring Point 9

Location: Bore 2027

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	68
Ammonia	mg/l	Every 6 months	0.59
Arsenic	mg/l	Yearly	0.001
Cadmium	mg/l	Yearly	0.001
Calcium	mg/l	Yearly	390
Chloride	mg/l	Yearly	6300
Chromium	mg/l	Every 6 months	0.01
Fluoride	mg/l	Yearly	0.1
Iron	mg/l	Yearly	0.3
Lead	mg/l	Yearly	0.01
Magnesium	mg/l	Yearly	730
Manganese	mg/l	Yearly	0.51
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	25
Sodium	mg/l	Yearly	2800
Standing Water Level	metres	Every 6 months	82.055
Sulphate	mg/l	Yearly	1400
Total Dissolved Solids	us/cm	Every 6 months	13000
Total Organic Carbon	mg/l	Yearly	3
E.coli	per100ml	Every 6 months	No licence requirement

Monitoring Point 10

Location: Bore 5203

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	340
Ammonia	mg/l	Every 6 months	1.2
Arsenic	mg/l	Yearly	0.001
Cadmium	mg/l	Yearly	0.001
Calcium	mg/l	Yearly	180
Chloride	mg/l	Yearly	1600
Chromium	mg/l	Every 6 months	0.01
Fluoride	mg/l	Yearly	0.1
Iron	mg/l	Yearly	0.51
Lead	mg/l	Yearly	0.01
Magnesium	mg/l	Yearly	230
Manganese	mg/l	Yearly	0.79
Mercury	mg/l	Yearly	0.0001
Nitrate	mg/l	Every 6 months	0.007
pH	pH	Every 6 months	6.2
Potassium	mg/l	Every 6 months	17
Sodium	mg/l	Yearly	650
Standing Water Level	metres	Every 6 months	81.980
Sulphate	mg/l	Yearly	230
Total Dissolved Solids	us/cm	Every 6 months	3800
Total Organic Carbon	mg/l	Yearly	9.7
E.coli	per100ml	Every 6 months	No licence requirement

Monitoring Point 11

Location: Bore 2029

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	17
Ammonia	mg/l	Every 6 months	0.37
Arsenic	mg/l	Yearly	0.001
Cadmium	mg/l	Yearly	0.001
Calcium	mg/l	Yearly	330
Chloride	mg/l	Yearly	3100
Chromium	mg/l	Every 6 months	0.01
Fluoride	mg/l	Yearly	0.1
Iron	mg/l	Yearly	0.24
Lead	mg/l	Yearly	0.01
Magnesium	mg/l	Yearly	450
Manganese	mg/l	Yearly	0.68
Mercury	mg/l	Yearly	0.0001
Nitrate	mg/l	Every 6 months	0.052
pH	pH	Every 6 months	5.6
Potassium	mg/l	Every 6 months	23
Sodium	mg/l	Yearly	990
Standing Water Level	metres	Every 6 months	82.040
Sulphate	mg/l	Yearly	350
Total Dissolved Solids	us/cm	Every 6 months	6700
Total Organic Carbon	mg/l	Yearly	0.9
E.coli	per100ml	Every 6 months	No licence requirement

Monitoring Point 12

Location: Bore 9423

Date data Published: 17-October-2024

Date data obtained by Licencee: 07-October-2024

Date Sampled: 17-September-2024

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	200
Ammonia	mg/l	Every 6 months	5.7
Arsenic	mg/l	Yearly	0.001
Cadmium	mg/l	Yearly	0.001
Calcium	mg/l	Yearly	110
Chloride	mg/l	Yearly	890
Chromium	mg/l	Every 6 months	0.01
Fluoride	mg/l	Yearly	0.1
Iron	mg/l	Yearly	0.27
Lead	mg/l	Yearly	0.01
Magnesium	mg/l	Yearly	110
Manganese	mg/l	Yearly	0.81
Mercury	mg/l	Yearly	0.0001
Nitrate	mg/l	Every 6 months	0.48
pH	pH	Every 6 months	6.4
Potassium	mg/l	Every 6 months	19
Sodium	mg/l	Yearly	430
Standing Water Level	metres	Every 6 months	82.070
Sulphate	mg/l	Yearly	220
Total Dissolved Solids	us/cm	Every 6 months	2200
Total Organic Carbon	mg/l	Yearly	8.2
E.coli	per100ml	Every 6 months	No licence requirement

..... End of report