

## 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: Deniliquin Council, PO Box 270 Deniliquin NSW 2710

Address of facility: Hay Road, Deniliquin NSW 2710

### Monitoring Point 1

Location: Bore 5196

Date data Published: 24/04/2019

Date data obtained by Licensee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.005
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	0.077
pH	pH	Every 6 months	5.7
Potassium	mg/l	Every 6 months	6.6
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.770
Sulfate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	2300
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

## Monitoring Point 2

Location: Bore 5197

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	7
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	19
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.730
Sulfate	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 3

Location: Bore 5198

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.13
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	0.009
pH	pH	Every 6 months	5.8
Potassium	mg/l	Every 6 months	27
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.740
Sulfate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	4800
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

**Monitoring Point 4**

Location: Bore 5204

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	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	6.2
Potassium	mg/l	Every 6 months	25
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.860
Sulfate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	4500
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

**Monitoring Point 5**

Location: Bore 5200

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.24
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	0.020
pH	pH	Every 6 months	5.8
Potassium	mg/l	Every 6 months	13
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.930
Sulfate	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 6**

Location: Bore 5201

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.59
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
Potassium	mg/l	Every 6 months	20
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	82.015
Sulfate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	8800
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

**Monitoring Point 7**

Location: Bore 5202

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	2.1
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	6.3
Potassium	mg/l	Every 6 months	12
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.975
Sulfate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	2200
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	210

**Monitoring Point 8**

Location: Bore 2026

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.33
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	6.1
Potassium	mg/l	Every 6 months	20
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.980
Sulfate	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: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.36
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	26
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.900
Sulfate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	13000
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

**Monitoring Point 10**

Location: Bore 5203

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.23
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	6.0
Potassium	mg/l	Every 6 months	13
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.795
Sulfate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	2500
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

**Monitoring Point 11**

Location: Bore 2029

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	0.26
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	0.46
pH	pH	Every 6 months	5.6
Potassium	mg/l	Every 6 months	27
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.770
Sulfate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	9400
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

**Monitoring Point 12**

Location: Bore 9423

Date data Published: 24/04/2019

Date data obtained by Licencee: 4/04/2019

Date Sampled: 25/03/2019

Pollutant	Unit	Monitoring frequency required by licence	Measurement
Alkalinity	mg/l	Yearly	
Ammonia	mg/l	Every 6 months	6.6
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	0.048
pH	pH	Every 6 months	6.2
Potassium	mg/l	Every 6 months	24
Sodium	mg/l	Yearly	
Standing Water Level	metres	Every 6 months	81.890
Sulfate	mg/l	Yearly	
Total Dissolved Solids	us/cm	Every 6 months	4800
Total Organic Carbon	mg/l	Yearly	
E.coli	per100ml	Every 6 months	<1

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