

**POLLUTION MONITORING DATA
DARLINGTON POINT SEWAGE TREATMENT SYSTEM**

Darlington Point Sewerage Treatment Works



Link to full licence on EPA website:

<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33729&SYSUID=1&LICID=6260>

Licensee:

Murrumbidgee Shire Council, PO Box 5 Darlington Point NSW 2706

Address of facility:

Boyd Street, Darlington Point NSW

Sampling Point

Location:

Sewerage Treatment Plant, Boyd Street

Published:

May-16

Obtained:

Quarterly from April 3, 2015 to April 2, 2016

POLLUTANTS	Jul-15	Oct-15	Jan-16	Apr-16	Lowest	Mean	Highest	100 Percentile Limit	Exceedance (yes/no)
Conductivity (uS/cm)	635	706	831	751	635	730.75	831		
Oil & Grease (mg/L)	3	3	2	2	2	2.5	3		
pH (pH units)	8.1	9.4	8.8	8.2	8.1	8.625	9.4	6.5-8.5	Yes
Nitrogen (mg/L)	0.3	0.2	0.1	0.6	0.1	0.3	0.6	10	No
Phosphorus (mg/L)	4.36	3.86	3.84	4.85	3.84	4.2275	4.85	10	No
Faecal Coliforms (CFU/100mL)	6	8	350	35200	6	8891	35200	200	Yes
Total Suspended Solids (mg/L)	40	88	234	59	40	105.25	234	15	Yes
Biochemical Oxygen Demand (mg/L)	7	7	8	11	7	8.25	11	10	Yes

Sampling Point

Location:

Sewerage Treatment Plant, Boyd Street Ron Carrols farm

Published:

May-16

Obtained:

Quarterly from April 3, 2015 to April 2, 2016

POLLUTANTS	Jul-15
Available Phosphorous (mg/kg)	35
Electrical Conductivity (uS/m)	0.334
Exchangable Calcium (cmol/kg)	13.2
Exchangable Magnesium (cmol/kg)	9.78
Exchangable Potassium (cmol/kg)	0.9
Exchangable Sodium (cmol/kg)	3.69
Nitrate (mg/kg)	6
Nitrogen (Total) (mg/kg)	828
pH	8.2
Phosphorus (Total) (mg/kg)	300

Discharge & Monitoring Point 1

Location:

Outlet to the backwater lagoon of the Murrumbidgee River (ADP001 & Diversion Point)

Published:

May 27, 2015

Item	Unit	Monitoring frequency required by licence	Min. value	Max. value	Volume limit	Exceedance (yes/no) (yes/no)
Daily Outflow to River	kl/day	Continuous	1	177	249	NO

Discharge & Monitoring Point 3

Location:

Pipe Discharging to the effluent utilisation area marked as "Supply point"

Published:

May 27, 2015

Item	Unit	Monitoring frequency required by licence	Min. value	Max. value	Volume limit	Exceedence (yes/no) (yes/no)
Daily Outflow to Ron's Farm	kl/day	continuous	22	104	185	No