

Snowy Valleys Council

Performance Monitoring 2016-2017

In accordance with the Protection of the Environment Operations Act 1997 (POEO Act)
Snowy Valleys Council, 76 Capper Street, TUMUT NSW 2720

(Former Tumut Shire) Anniversary Date: 1 June

Location	Sample Pt	Sample Number	Test Data Received	Publishing Date	Sample Date	Analysis Results									
Licence Number: 1773						Ammonia (asN)	Total Nitrogen	Tot.Phosp (asP)	BOD	pH	Susp.Solids	Tot Oil & Grease	Faecal Coliform Env.		Conductivity
Adelong STP Effluent Samples						Ammonia	Total_N	Total_P	BOD_Result	pH	Susp_solids	Oil & grease	Pres_Count	Conf_Count	
Licence Limit -100 percentile						mg/L N	mg/L N	mg/L P	mg/L	pH units	mg/L	mg/L	CFU/100mL	CFU/100mL	uS/cm
Adelong STP Effluent	ADEEPA-Pt1	CA1603319-2	27/06/2016	1/07/2016	9/06/2016	0.3	3.89	0.25	<2	7.73	6	<1			
Adelong STP Effluent	ADEEPA-Pt1	CA1605169-1	20/09/2016	20/09/2016	8/09/2016	<0.1	3.24	0.3	<2	7.69	5	<1	<1	<1	586
Adelong STP Effluent	ADEEPA-Pt1	CA1606859-001	7/12/2016	22/12/2016	6/12/2016	0.5	2.93	0.58	4	8.04	32	<1	<2	<2	648
Adelong STP Effluent	ADEEPA-Pt1	CA1701432-001	20/03/2017	24/03/2017	9/03/2017	0.4	5.35	0.3	4	7.83	16	<1	320	320	570

Location	Sample Pt	Sample Number	Test Data Received	Publishing Date	Sample Date	Analysis Results									
-----						Ammonia (asN)	Total Nitrogen	Tot.Phosp (asP)	BOD	pH	Susp.Solids	Tot Oil & Grease	Faecal Coliform Env.		Conductivity
Batlow STP Effluent Samples						Ammonia	Total_N	Total_P	BOD_Result	pH	Susp_solids	Oil & grease	Pres_Count	Conf_Count	
Licence Limit -100 percentile						mg/L N	mg/L N	mg/L P	mg/L	pH units	mg/L	mg/L	CFU/100mL	CFU/100mL	uS/cm
Batlow STP Effluent	BatEPA-Pt1	CA1603319-1	27/06/2016	1/07/2016	9/06/2016	0.2	1	0.29	<2	7.31	6	<2	<2	<1	
Batlow STP Effluent	BatEPA-Pt1	CA1605168-1	20/09/2016	20/09/2016	8/09/2016	0.1	0.83	0.09	<2	7.52	<2	<1	<1	<1	408
Batlow STP Effluent	BatEPA-Pt1	CA1606985-001	9/12/2016	22/12/2016	8/12/2016	2.2	4.32	0.13	<2	7.82	<2	<1	<2	<2	478
Batlow STP Effluent	BatEPA-Pt1	CA1701420-001	20/03/2017	24/03/2017	8/03/2017	0.1	1.55	0.05	<2	7.61	<2	<1	1	1	455

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Licence Number: 12351						Ammonia (asN)	Total Nitrogen	Tot.Phosp (asP)	BOD	pH	Susp.Solids	Tot Oil & Grease	Faecal Coliform Env.		Conductivity
Brungle Effluent Samples						Ammonia	Total_N	Total_P	BOD_Result	pH	Susp_solids	Oil & grease	Pres_Count	Conf_Count	
Licence Limit -100 percentile						mg/L N	mg/L N	mg/L P	mg/L	pH units	mg/L	mg/L	CFU/100mL	CFU/100mL	uS/cm
Brungle STP Effluent	BRUEPA-PT1	CA1603286	25/06/2016	1/07/2016	8/06/2016	0.6	3.33	0.46	3	7.33	17	<1	2	2	
Brungle STP Effluent	BRUEPA-PT1	CA1605109-2	19/09/2016	20/09/2016	7/09/2016	0.4	3.56	0.88	4	7.49	21	<1	4	2	437
Brungle STP Effluent	BRUEPA-PT1	CA1606932-001	8/12/2016	22/12/2016	7/12/2016	0.4	2.59	0.4	2	7.36	15	<1	<2	<2	425
Brungle STP Effluent	BRUEPA-PT1	CA1701423-001	20/03/2017	24/03/2017	8/03/2017	0.4	5.51	0.82	<2	8.01	8	<1	<1	<1	694

Location	Sample Pt	Sample Number	Test Data Received	Publishing Date	Sample Date	Analysis Results									
Licence Number: 5119						Ammonia (asN)	Total Nitrogen	Tot.Phosp (asP)	BOD	pH	Susp.Solids	Tot Oil & Grease	Faecal Coliform Env.		Conductivity
Talbingo STP - Maturation Pond						Ammonia	Total_N	Total_P	BOD_Result	pH	Susp_solids	Oil & grease	Pres_Count	Conf_Count	
Licence Limit -100 percentile						mg/L N	mg/L N	mg/L P	mg/L	pH units	mg/L	mg/L	CFU/100mL	CFU/100mL	uS/cm
Outlet from Maturation pond	TALEPA-PT1	CA1603319-3	27/06/2016	1/07/2016	9/06/2016	<0.1	2.7	0.17	<2	7.16	29	<1			
Outlet from Maturation pond	TALEPA-PT1	CA1605123-1	19/09/2016	20/09/2016	6/09/2016	<0.1	3.83	0.36	<2	7.18	12	<1	10900	10900	187
Outlet from Maturation pond	TALEPA-PT1	CA1606986-001	9/12/2016	22/12/2016	8/12/2016	0.4	1.2	0.2	2	7.68	3	<1	2600	2600	383
Outlet from Maturation pond	TALEPA-PT1	CA1701430-001	20/03/2017	24/03/2017	9/03/2017	0.7	1.7	0.13	2	7.52	<2	<1	3600	3600	481
Talbingo STP - Wetlands															
Outlet from Wetlands	TALEPA-Pt3	CA1603319-4	27/06/2016	1/07/2016	9/06/2016	<0.1	0.18	0.01	<2	7.28	<2	<1			
Outlet from Wetlands	TALEPA-Pt3	CA1605123-3	19/09/2016	20/09/2016	6/09/2016	0.1	0.51	0.04	<2	7.3	2	<1	<2	<2	212

Location	Sample Pt	Sample Number	Test Data Received	Publishing Date	Sample Date	Analysis Results									
Licence Number: 210						Ammonia (asN)	Total Nitrogen	Tot.Phosp (asP)	BOD	pH	Susp.Solids	Tot Oil & Grease	Faecal Coliform Env.		Conductivity
Tumut STP Effluent Samples						Ammonia	Total_N	Total_P	BOD_Result	pH	Susp_solids	Oil & grease	Pres_Count	Conf_Count	
Licence Limit -100 percentile						mg/L N	mg/L N	mg/L P	mg/L	pH units	mg/L	mg/L	CFU/100mL	CFU/100mL	uS/cm
Tumut STP Effluent	TUMEPA-P1	CA1603285	25/06/2016	1/07/2016	8/06/2016	0.6	3.9	0.09	<2	7.54	3	<2	<2	<1	
Tumut STP Effluent	TUMEPA-P1	CA1603821	26/06/2016	28/07/2016	6/07/2016	0.3	4.06	0.16	<2	7.59	3	1	1	<1	
Tumut STP Effluent	TUMEPA-P1	CA1604363	12/08/2016	17/08/2016	3/08/2016	0.3	2.54	0.24	<2	7.63	5	2	2	<1	
Tumut STP Effluent	TUMEPA-P1	CA1605109-2	19/09/2016	20/09/2016	7/09/2016	0.5	2.35	0.14	<2	7.72	<2	<2	<2	<1	364
Tumut STP Effluent	TUMEPA-P1	CA1605672-1	17/10/2016	7/11/2016	7/10/2016	0.4	2.63	0.2	<2	7.47	7	<1	<2	<2	328
Tumut STP Effluent	TUMEPA-P1	CA1606294-001	18/11/2016	21/11/2016	8/11/2016	1.9	4.7	0.18	3	7.64	4	<1	<2	<2	473
Tumut STP Effluent	TUMEPA-P1	CA1606931-001	8/12/2016	22/12/2016	7/12/2016	0.5	4.76	0.2	<2	7.74	3	<1	<2	<2	454
Tumut STP Effluent	TUMEPA-P1	CA1700182-001	27/01/2017	31/01/2017	12/01/2017	0.3	4.57	0.17	<2	7.71	12	<1	1	1	510
Tumut STP Effluent	TUMEPA-P1	CA1700790-001	16/02/2017	20/02/2017	8/02/2017	0.2	4.36	0.12	<2	7.78	9	<1	<1	<1	435

Tumut STP Effluent	TUMEPA-P1	CA1701421-001	20/03/2017	24/03/2017	8/03/2017	0.3	4.25	0.23	2	7.88	7	<1	<1	<1	462
Tumut STP Effluent	TUMEPA-P1	CA1702063-001	13/04/2017	18/04/2017	5/04/2017	0.9	6.84	0.1	<2	7.58	3	<1	<1	<1	461
Tumut STP Effluent	TUMEPA-P1	CA1702512-001	16/5/2017	22/05/2017	3/05/2017	0.5	4.09	0.28	<2	7.63	3	<1	<1	<1	466

Location	Sample Pt	Sample Number	Test Data Received	Publishing Date	Sample Date	Analysis Results					
Site Map	http://www.tumut.nsw.gov.au/wp-content/uploads/Talbingo-WTP-Map.pdf										
Licence Link	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33481&SYSUID=1&LICID=11195										
Licence Number: 11195						BOD	pH	Susp.Solids	Tot Oil & Grease		
Talbingo WTP Lagoon Effluent						BOD Result	pH	Susp_solids	Oil & grease		
Monitoring Frequency - Quarterly						mg/L	pH units	mg/L	mg/L		
Licence Limit -100 percentile						20	6.5 - 8.5	30	10		
Talbingo Water Plant Effl	TALWTP-PT1	CA1603324	27/06/2016	1/07/2016	9/06/2016	<2	7.13	9	<1		
Talbingo Water Plant Eff	TALWTP-PT1	CA1605125	19/09/2016	20/09/2016	7/09/2016	<2	7.17	8	<1		
Talbingo Water Plant Effl	TALWTP-PT1	CA1606987-001	9/12/2016	22/12/2016	8/12/2016	<2	7.61	20	<1		
Talbingo Water Plant Effl	TALWTP-PT1	CA1701433-002	20/03/2017	24/03/2017	9/03/2017	<2	7.46	19	<1		

Location	Sample Pt	Sample Number	Test Data Received	Publishing Date	Sample Date	Analysis Results					
Site Map	http://www.tumut.nsw.gov.au/wp-content/uploads/Tumut-WTP-Map.pdf										
Licence Link	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32949&SYSUID=1&LICID=2503										
Licence Number: 2503						BOD	pH	Susp.Solids	Tot Oil & Grease		
Tumut WTP Lagoon Effluent						BOD Result	pH	Susp_solids	Oil & grease		
Monitoring Frequency - Quarterly						mg/L	pH units	mg/L	mg/L		
Licence Limit -100 percentile						20	6.5 - 8.5	30	10		
Tumut Water Plant Effluen	TUMWTP-EPAPt1	CA1603287	23/06/2016	1/07/2016	9/06/2016	<2	7.5	9	<1		
Tumut Water Plant Effluen	TUMWTP-EPAPt1	CA1605127	19/09/2016	20/09/2016	7/09/2016	<2	7.54	8	<1		
Tumut Water Plant Effluen	TUMWTP-EPAPt1	CA1606976-001	8/12/2016	22/12/2016	7/12/2016	<2	7.58	11.4	<1		
Tumut Water Plant Effluen	TUMWTP-EPAPt1	CA1701433-001	20/03/2017	24/03/2017	9/03/2017	<2	7.45	4	<1		

(Former Tumbarumba Shire) Anniversary Date: 15 September

Location	Sample Pt	Sample Number	Test Data	Publishing	Sample Date	Analysis Results						
Site Map												
Licence Link	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106689&SYSUID=1&LICID=448											
Licence Number: 448						Total Nitrogen	Tot.Phosp (asP)	BOD	pH	Susp.Solids	Tot Oil & Grease	Faecal Coliform Env.
Tumbarumba STP Effluent Samples						Total N	Total P	BOD Result	pH	Susp_solids	Oil & grease	Conf_Count
Monitoring Frequency - Quarterly						mg/L N	mg/L P	mg/L	pH units	mg/L	mg/L	CFU/100mL
Licence Limit -100 percentile						20	0.6	20	6.5 - 8.5	30	5	1000
Tumbarumba STP Effluent	EPA-P1	1612-0100	13/01/017	28/03/017	20/12/016	3	0.07	<2	7.3	4	1	256
Tumbarumba STP Effluent	EPA-P1	1703-0096	27/03/017	28/03/017	15/03/017	<2	0.05	<2	7	<2	2	5

Location	Sample Pt	Sample Number	Test Data	Publishing	Sample Date	Analysis Results						
Site Map												
Licence Link	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79211&SYSUID=1&LICID=4400											
Licence Number: 4400						Total Nitrogen	Tot.Phosp (asP)	BOD	Sodium Adsorption	Conductivity		
Khancoban STP Effluent Samples						Total N	Total P	BOD Result				
Monitoring frequency - bi-annual						mg/L N	mg/L P	mg/L	uS/cm	uS/cm		
Licence Limit -100 percentile						NA	NA	NA	NA	NA		
Khancoban STP Effluent	EPA-P1	1612-0065	16/12/016	28/03/017	13/12/016	41	8.77	24	3	628		
Khancoban STP Effluent	EPA-P1	1703-0096	27/03/017	28/03/017	15/03/017	54	9.78	21	4	758		

EPL 4400 surrendered May 2017