

## Tenterfield Sewerage Treatment Plant - License Number 4305

Obtained data by sample date - Monthly Monitoring

### FINAL EFFLUENT Tested Analyte Level

Month	pH	ELECTRICAL CONDUCTIVITY	BOD mg/L	TOTAL PHOSPHORORUS mg/L	AMMONIA-N mg/L	TOTAL NITROGEN mg/L	TKN mg/L	OIL & GREASE mg/L	SUSPENDED SOLIDS mg/L	FAECAL (cfu/100ml)	Date Sampled	Date Obtained	Date Published
October 2023	8.4	750	6.2	0.18	3.4	6.2	5.1	<2.0	9	32	11/10/2023	11/10/2023	18/10/2023
September 2023	7.8	790	3.4	0.16	4.9	7.7	6.4	<2.0	[NT]	8	21/09/2023	21/09/2023	11/10/2023
August 2023	8.6	710	5.9	0.09	1.4	4.6	3.1	<2.0	8	2	23/08/2023	23/08/2023	1/09/2023
July 2023	8.4	670	2.6	<0.008	0.39	5	1.4	<2.0	1.5	<1	12/07/2023	24/07/2023	27/07/2023
June 2023	8.6	700	4.6	0.069	0.56	5.5	1.8	<2.0	7.5	<1	21/06/2023	30/06/2023	30/06/2023
May 2023	7.7	670	<2.0	0.15	2.5	5.3	3.6	<2.0	6.5	56	17/05/2023	17/05/2023	26/05/2023
April 2023	7.6	650	2.5	0.22	1.7	0.77	2.9	<2	7.5	<10.0	19/04/2023	19/04/2023	1/05/2023
March 2023	8.7	640	13	0.052	0.24	2.9	2.5	<2	28	110	15/03/2023	15/03/2023	24/03/2023
February 2023	8.6	670	8.8	0.3	0.34	2.9	2.4	<2	18	2	15/02/2023	15/02/2023	22/05/2023
January 2023	8.8	720	10	0.2	0.4	3.6	3.6	<2	260	38	1/02/2023, 27/1/2023	1/02/2023, 27/01/2023	8/02/2023, 10/02/2023
December 2022	8.9	720	5.6	0.49	1	0.17	2.7	<2.0	20	11	14/12/2022	14/12/2022	16/01/2023
November 2022	9.5	670	7	0.35	0.027	0.034	2.7	<2.0	45		25/11/2022	25/11/2022	9/12/2022
October 2022	7.9	720	2.2	0.2	2.5	3.9	3.4	<2.0	4	8	19/10/2022	19/10/2022	2/11/2022
September 2022	9.3	670	11	0.24	0.7	4.7	3	<2	20	1	20/09/2022	20/09/2022	11/10/2022
August 2022	8.7	600	5	0.19	1.2	2.4	3	<2	18	10	17/08/2022	17/08/2022	1/09/2022
July 2022	8.8	600	4	0.11	0.16	2.7	2	<2	15	13	21/07/2022	21/07/2022	12/08/2022
June 2022	7.7	550	<2	0.16	0.6	5.8	2	<2	1	1	15/06/2022	15/06/2022	12/07/2022
May 2022	7.7	430	<2	0.22	1.5	5.5	3	<2	2.7	18	18/05/2022	18/05/2022	15/06/2022
April 2022	7.7	730	5	0.24	1.8	4.5	4	<2	10	20	26/04/2022	26/04/2022	20/06/2022
March 2022	8.7	520	4	0.13	0.43	3.3	2	<2		4	23/03/2022	23/03/2022	15/06/2022
February 2022	7.99	551	4	0.11	1.5	4	2.8	<2	11	5	8/02/2022	8/02/2022	15/02/2022
January 2022	9.37	634	7	0.37	0.22	0.65	2.1	<2	34	4	12/01/2022	12/01/2022	18/01/2022
December 2021	7.7	425	3	0.16	0.57	3.7	1.9	<2	11	8	8/12/2021	8/12/2021	15/12/2021
November 2021	7.47	639	3	0.16	1.3	3.1	2.5	<2	5	225	10/11/2021	10/11/2021	18/11/2021
October 2021	8.4	678	6	0.03	1.9	4.9	3.7	<2	18	11	13/10/2021	13/10/2021	20/10/2021
September 2021	9.3	760	5	<0.05	0.22	2.6	1.1	<2	13	4	14/09/2021	14/09/2021	7/10/2021
August 2021	7.9	677	2	0.07	0.8	4.1	2.1	<2	9	10	11/08/2021	11/08/2021	24/08/2021
July 2021	8.1	680	4	0.095	0.52	3.8	2.1	<2	9	31	14/07/2021	14/07/2021	28/07/2021
June 2021	9	692	5	0.07	0.27	3.6	1.6	<2	11	4	22/06/2021	22/06/2021	8/07/2021
May 2021	7.8	654	2	0.12	0.01	4.6	3.3	<2	4	1	11/05/2021	11/05/2021	26/05/2021
April 2021	8.6	566	3	<0.05	0.24	3.2	1.4	<2	8	<1	20/04/2021	20/04/2021	3/05/2021
March 2021	9	634	7	0.18	0.01	2.4	1.9	<2	31	30	16/03/2021	16/03/2021	29/03/2021
February 2021	9.3	809	10	0.19	<0.01	2.4	2.4	<2	27	21	17/02/2021	17/02/2021	25/02/2021
December 2020	7.9	811	6	0.16	0.61	0.36	2.3	<2	15	35	16/12/2020	16/12/2020	6/01/2021
November 2020	8.4	967	4	0.12	1.8	4.3	3.8	<2	13	16	10/11/2020	10/11/2020	19/11/2020
October 2020	9.1	789	6	0.19	1.4	4.4	3.8	<2	9	45	13/10/2020	13/10/2020	26/10/2020
September 2020	7.7	871	2	0.14	3.4	6.8	5.3	<2	9	6	9/09/2020	9/09/2020	21/09/2020
August 2020	8.1	929	4	0.1	5.6	9.4	7.1	<2	5	<1	20/12/36	12/08/2020	18/08/2020
July 2020	7.8	1050	3	0.08	1.7	4.7	3	<2	7	28	15/07/2020	15/07/2020	24/07/2020
June 2020	7.9	961	2	0.06	1	3.6	1.9	<2	5	16	17/06/2020	17/06/2020	25/06/2020
May 2020	8	998	3	0.06	0.76	2.5	2	<2	9	3	13/05/2020	13/05/2020	28/05/2020
April 2020	8.3	922	8	0.1	0.01	1.7	1.86	<2	10	6	13/04/2020	14/04/2020	30/04/2020
March 2020	8.7	797	7	0.12	0.01	2.8	1.9	<2	17	11	11/03/2020	11/03/2020	26/03/2020
February 2020	8.4	925	6	0.14	0.14	2.6	1.9	<2	12	9	12/02/2020	12/02/2020	20/02/2020
January 2020	9.1	1050	12	0.25	0.01	2.7	2.7	<2	26	68	7/01/2020	17/01/2020	21/01/2020
December 2019	10.3	1080	8	0.25	<0.01	2.4	2.4	<2	35	<1	11/12/2019	11/12/2019	23/12/2019
November 2019	10.7	1090	10	0.38	<0.01	2.4	2.4	<2	39	<1	18/11/2019	19/11/2019	2/12/2019
October 2019	9.3	954	4	0.23	0.27	4	2.6	<2	24	579	15/10/2019	15/10/2019	28/10/2019
September 2019	8.3	1050	7	0.1	1.6	5.3	3.5	<2	25	308	25/09/2019	25/09/2019	9/10/2019
August 2019	8.3	1030	2	0.09	0.57	4.8	1.7	<2	7	15	14/08/2019	14/08/2019	26/08/2019
July 2019	7.8	960	4	0.14	2.1	4.6	2.4	<2	9	36	10/07/2019	10/07/2019	22/07/2019
June 2019	7.6	897	2	0.1	2.8	6.9	4.7	<2	6	10	19/06/2019	19/06/2019	26/06/2019
May 2019	8.5	882	4	0.09	1.2	5.1	3	<2	13	22	15/05/2019	15/05/2019	24/05/2019
April 2019	8.7	819	4	0.07	0.06	3.9	2	<2	16	5	15/04/2019	17/04/2019	3/05/2019
March 2019	9.4	857	7	0.33	<0.01	4	3.9	<2	58	<1	12/03/2019	13/03/2019	19/03/2019
February 2019	9	788	5	0.36	0.02	3.8	3.8	<2	19	14	12/02/2019	13/02/2019	19/02/2019
January 2019	9.7	721	4	0.29	0.02	2.6	2.4	<2	32	<1	8/01/2019	9/01/2019	14/01/2019
December 2018	10	698	5	0.18	0.1	2.2	1.9	<2	15	<1	10/12/2018	12/12/2018	21/12/2018
November 2018	8.7	697	3	0.13	1.1	3.4	2.7	<2	19	93	12/11/2018	13/11/2018	22/11/2018
October 2018	8.1	756	4	0.14	1.4	4	3.2	<2	12	62	16/10/2018	17/10/2018	23/10/2018
September 2018	8	802	3	0.07	1.1	3.1	2.6	<2	5	2	11/09/2018	12/09/2018	19/09/2018
August 2018	8.1	865	2	0.06	0.85	3.6	2.3	<2	6	11	14/08/2018	15/08/2018	31/08/2018
July 2018	8.2	803	3	<0.05	0.47	4.1	1.9	<2	2	10	17/07/2018	17/07/2018	27/07/2018
June 2018	8.2	834	2.8	0.06	0.39	3.7	1.4	<2	1	5	20/06/2018	20/06/2018	29/06/2018
May 2018	7.9	870	<2	0.15	2.5	5	3.9	<2	13	4	9/05/2018	9/05/2018	18/05/2018
April 2018	8.1	919	4	0.1	1.6	4.5	3.5	<2	9	7	18/04/2018	18/04/2018	7/05/2018
March 2018	8.8	887	7	0.11	0.03	2.4	2.1	<2	19	3	13/03/2018	14/03/2018	23/03/2018
February 2018	9.1	879	5	0.17	0.05	1.8	1.8	<2	19	32	13/02/2018	13/02/2018	26/02/2018
January 2018	9.4	845	7	0.24	<0.01	1.8	1.8	<2	28	15	15/01/2018	15/01/2018	23/01/2018
December 2017	9.4	904	5	0.25	<0.01	2.1	2	<2	35	<1	12/12/2017	13/12/2017	20/12/2017
November 2017	8.8	864	5	0.22	0.6	3	2.5	<2	16	10	14/11/2017	14/11/2017	22/11/2017
October 2017	8.6	933	24	0.39	3.8	9.4	8.5	<2	38	387	10/10/2017	10/10/2017	2/11/2017
September 2017	8.8	858	12	0.22	1.7	5.2	4.6	<2	27	4	19/09/2017	19/09/2017	29/09/2017
August 2017	7.9	715	2	0.05	0.98	3.4	2.3	<2	6	4	8/08/2017	8/08/2017	16/08/2017
July 2017	7.7	674	<2	<0.05	0.96	3.2	1.9	<2	4	1	10/07/2017	11/07/2017	21/07/2017
June 2017	7.7	657	<2	<0.05	0.88	3.2	1.8	<2	9	24	19/06/2017	20/06/2017	29/06/2017
May 2017	7.8	708	<2	0.08	1.1	4.2	2.1	<2	3	9	8/05/2017	9/05/2017	16/05/2017
April 2017	8.1	588	2	<0.05	0.75	4	4	<2	5	12	10/04/2017	11/04/2017	24/04/2017

## Tenterfield Sewerage Treatment Plant - License Number 4305

Obtained data by sample date - Monthly Monitoring

### FINAL EFFLUENT

#### Tested Analyte Level

Month	pH	ELECTRICAL CONDUCTIVITY	BOD mg/L	TOTAL PHOSPHORUS mg/L	AMMONIA-N mg/L	TOTAL NITROGEN mg/L	TKN mg/L	OIL & GREASE mg/L	SUSPENDED SOLIDS mg/L	FAECAL (cfu/100ml)	Date Sampled	Date Obtained	Date Published
March 2017	8.9	4450	5	0.1	<0.01	1.8	1.8	<2	14	114	13/03/2017	14/03/2017	28/03/2017
February 2017	8.8	815	4	0.13	0.21	1.7	1.6	<2	14	50	14/2/2017	14/02/2017	1/06/2017
January 2017	9.4	813	12	0.18	<0.01	2.1	2.1	<2	32	113	9/01/2017	23/01/2017	21/02/2017
December 2016	8.3	773	6	0.07	0.32	1.7	1.5	<2	11	10	12/12/2016	13/12/2016	3/01/2017
November 2016	8.2	764	3	0.06	0.31	1.9	1.5	<2	10	10	14/11/2016	15/11/2016	6/12/2016
October 2016	8	732	<2	<0.05	0.27	2.6	1.4	<2	6	20	11/10/2016	12/10/2016	17/10/2016
September 2016	8.7	734	5	0.05	<0.01	2.7	<0.1	<2	10	42	14/09/2016	14/09/2016	27/09/2016
August 2016	7.8	752	<2	<0.05	0.2	2.7	0.9	<2	4	2	17/08/2016	17/08/2016	25/08/2016
July 2016	7.8	749	<2	0.05	0.31	3.4	1.2	<2	5	2	26/07/2016	27/07/2016	2/08/2016
June 2016	8	799	<2	<0.05	0.26	3.3	1	<2	3	10	7/06/2016	8/06/2016	20/06/2016
May 2016	7.9	908	<2	<0.05	0.42	2.6	1.1	<2	8	2	9/05/2016	10/05/2016	17/05/2016
April 2016	8.6	724	3	0.08	0.26	2.4	1.3	<2	20	92	12/04/2016	13/04/2016	29/04/2016
March 2016	9.8	720	6	0.15	<0.01	1.6	1.6	<2	23	<2	8/03/2016	9/03/2016	21/03/2016
February 2016	10.2	681	5	0.13	0.04	1.8	1.7	<2	34	2	16/02/2016	17/02/2016	1/03/2016
January 2016	8.9	701	4	0.07	0.14	2.1	1.3	<2	7	10	16/01/2016	20/01/2016	29/01/2016
December 2015	8.6	695	3	<0.05	0.15	1.9	1.4	<2	8	600	8/12/2015	9/12/2015	16/12/2015
November 2015	7.6	740	3	0.06	0.33	2.1	1.3	<2	7	<2	10/11/2015	20/11/2015	24/11/2015
October 2015	7.6	760	2	0.05	0.19	2.9	1.9	<2	11	10	14/10/2015	26/10/2015	26/10/2015
September 2015	7.6	791	2	0.2	0.26	2.9	1.4	<2	6	<2	16/09/2015	29/29/2015	30/09/2015
August 2015	7.7	755	<2	0.05	0.32	3.1	1.1	<2	4	<2	11/08/2015	21/08/2015	25/08/2015
July 2015	7.7	792	<2	<0.05	0.61	3	1.4	<2	3	<2	7/07/2015	20/07/2015	8/08/2015
June 2015	7.9	767	2	<0.05	0.48	3.4	1.3	2	9	<2	15/06/2015	29/06/2015	2/07/2015
May 2015	7.8	675	<2	<0.05	0.84	3.8	1.6	<2	3	<1	12/05/2015	21/05/2015	4/06/2015
April 2015	8.3	804	3	<0.05	3.1	6.4	4.8	<2	8	2	14/04/2015	20/04/2015	27/04/2015
March 2015	8.7	752	3	0.19	0.26	2.2	2.1	<2	17	10	10/03/2015	24/03/2015	7/04/2015
February 2015	8.7	747	3	0.12	0.36	1.9	1.8	<2	11	2	17/02/2015	26/02/2015	3/03/2015
January 2015	8.8	626	3	0.06	<0.01	1.4	1.2	<2	12	7	13/01/2015	20/01/2015	22/01/2015
December 2014	8.3	757	2	0.06	0.53	2	1.5	<2	8	10	15/12/2014	16/12/2014	8/01/2015
November 2014	8.3	889	3	0.1	0.28	1.7	1.5	<2	10	50	11/11/2014	18/11/2014	8/01/2014
October 2014	8.3	846	<2	<0.05	0.25	1.9	1.3	<2	4	130	14/10/2014	27/10/2014	8/01/2014
September 2014	8.1	799	2	<0.05	0.09	2.1	1	<2	8	6			
August 2014	7.9	821	2	<0.05	0.17	2.6	1	<2	4	4			
July 2014	8.3	805	2	<0.05	0.25	4.2	1.2	<2	1	<2			
June 2014	7.9	792	2	<0.05	0.27	2.9	1.2	<2	3	<2			
May 2014	7.7	739	<2	<0.05	0.44	3.2	1.3	<2	3	10			
April 2014	7.6	693	<2	0.05	0.88	2.4	1.8	<2	5	8			
March 2014	9.8	793	<2	0.24	<0.01	2.0	2.0	<2	31	<10			
February 2014	8.5	856	<2	0.13	0.3	1.8	1.5	0	17	0			
January 2014	8.8	804	5	0.21	<0.010	1.4	1.4	<2	15	40			
December 2013	6.9	672	8	0.13	<0.010	1.5	1.5	<2	17	102			
November 2013	9	679	4	0.14	0.17	1.8	1.4	<2	24	330			
October 2013	9.4	816	6	0.09	<0.010	1.8	1.1	<2	2	2			
September 2013	8.3	826	2	<0.050	0.11	1.8	1.1	<2	2	6			
August 2013	8	807	<2	<0.050	0.32	1.9	1.1	<2	4	<2.0			
July 2013	8.0	762	<2	<0.050	0.2	0.81	0.8	<2	5	<2			
June 2013	7.9	746	<2	<0.050	0.56	1.3	1.4	<2	2	8			
May 2013	8.0	870	<2	0.06	0.37	1.9	1.3	<2	7	4			
April 2013	8.3	757	2	<0.050	0.44	2.5	1.4	<2	10	8			
March 2013	8.6	485	4	0.05	0.12	2.4	1.4	<2	13	38			
February 2013	9.2	544	2	0.09	0.01	2.2	1.3	<2	21	4			
January 2013	8.7	658	4	0.18	0.22	2.10	1.80	2.00	11	24			
December 2012	7.9	611	<2	0.24	1.1	2.6	2.3	<2.0	8	100			
November 2012	7.9	849	2	0.17	0.94	2.2	2	<2.0	3	8			
October 2012	9.2	800	<2.0	<0.050	0.04	3.3	0.9	<2.0	4	28			
September 2012	9.6	845	2	<0.050	0.02	2.3	0.9	<2.0	1	<2.0			
August 2012	9.4	826	<2.0	<0.050	0.02	3.2	0.6	<2	<1	<2.0			
July 2012	9.0	790	2	<0.050	0.04	4	0.9	3	1	<2.0			
June 2012	9.2	815	<2.0	0.93	0.01	3.1	0.6	<2.0	2	<2.0			
May 2012	9.4	837	<2.0	0.11	<0.010	2.7	0.8	<2.0	3	2			
April 2012	9.6	867	<2.0	0.11	0.04	2	1.1	<2.0	1	8			
March 2012	9.4	784	<2.0	0.12	0.12	2	1.1	<2.0	4	3			
February 2012	8.7	720	<2.0	0.12	0.16	2.6	0.9	<2.0	2	190			
January 2012	8.4	873	<2.0	0.11	0.21	2.2	0.9	<2.0	5	30			
December 2011	8.4	820	2	0.18	0.11	1.4	1	<2.0	5	286			
November 2011	9.2	791	<2.0	0.28	0.13	0.9	0.9	<2.0	1	62			
October 2011	8.7	765	<2.0	<0.050	0.32	1.9	1.1	<2.0	<1.0	6			
<b>min</b> (since 2011)	6.9	485	2	0.05	0.01	0.81	0.6	0	1	0			
<b>mean</b> (since 2011)	8.5	838.6	4.5	0.1	0.7	3.0	2.0	1.8	11.7	52.2			
<b>max</b> (since 2011)	10.7	4450	24	0.93	5.6	9.4	8.5	3	58	600			