

Parkes Sewage Treatment Plant

EPA Licence Number 5655

Parkes Shire Council
 Parkes Sewage Treatment Plant
 Akuna Road
 PARKES NSW 2870

Location of Monitoring Point 5: Post UV pit - Sewage Treatment Plant, Akuna Road
Monitoring frequency required by licence: monthly during discharge

Date sample taken	24/ 01/ 2023
Date sample sent to laboratory	24/ 01/ 2023
Date data received from Laboratory	2/ 02/ 2023
Date data published	7/ 02/ 2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.9	NO
Total Nitrogen (mg/L)	15	5.11	NO
Total Phosphorus (mg/L)	1	0.285	NO
Total Suspended Solids (mg/L)	30	3	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.38	NO
Faecal Coliforms (colony forming units per 100mL)	600	~ 22	NO

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Monitoring frequency required by licence: monthly during discharge

Date sample taken	28/ 02/ 2023
Date sample sent to laboratory	28/ 02/ 2023
Date data received from Laboratory	09/ 03/ 2023
Date data published	20/ 03/ 2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.8	NO
Total Nitrogen (mg/L)	15	2.87	NO
Total Phosphorus (mg/L)	1	0.246	NO
Total Suspended Solids (mg/L)	30	3	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.70	NO
Faecal Coliforms (colony forming units per 100mL)	600	~ 61	NO

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Date sample taken	28/ 03/ 2023
Date sample sent to laboratory	28/ 03/ 2023
Date data received from Laboratory	05/ 04/ 2023
Date data published	18/ 04/ 2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.8	NO
Total Nitrogen (mg/L)	15	0.77	NO
Total Phosphorus (mg/L)	1	0.469	NO
Total Suspended Solids (mg/L)	30	3	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.18	NO
Faecal Coliforms (colony forming units per 100mL)	600	~26	NO

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Date sample taken	27/04/ 2023
Date sample sent to laboratory	27/04/ 2023
Date data received from Laboratory	7/ 05/ 2023
Date data published	8/ 05/ 2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.7	NO
Total Nitrogen (mg/L)	15	2.49	NO
Total Phosphorus (mg/L)	1	0.472	NO
Total Suspended Solids (mg/L)	30	3	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	1.37	NO
Faecal Coliforms (colony forming units per 100mL)	600	12	NO

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Date sample taken	16/ 05/ 2023
Date sample sent to laboratory	16/ 05/ 2023
Date data received from Laboratory	17/ 05/ 2023
Date data published	25/ 05/ 2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.7	NO
Total Nitrogen (mg/L)	15	1.94	NO
Total Phosphorus (mg/L)	1	0.42	NO
Total Suspended Solids (mg/L)	30	2	NO
Biochemical Oxygen Demand (mg/L)	15	3	NO
Nitrogen (ammonia) (mg/L)	5	0.21	NO
Faecal Coliforms (colony forming units per 100mL)	600	480	NO

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Date sample taken	20/ 06/ 2023
Date sample sent to laboratory	20/ 06/ 2023
Date data received from Laboratory	30/ 06/ 2023
Date data published	03/07/2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.6	NO
Total Nitrogen (mg/L)	15	3.59	NO
Total Phosphorus (mg/L)	1	0.121	NO
Total Suspended Solids (mg/L)	30	>2	NO
Biochemical Oxygen Demand (mg/L)	15	>2	NO
Nitrogen (ammonia) (mg/L)	5	0.16	NO
Faecal Coliforms (colony forming units per 100mL)	600	19	NO

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Date sample taken	19/ 07/ 2023
Date sample sent to laboratory	19/ 07/ 2023
Date data received from Laboratory	28/ 07/ 2023
Date data published	31/07/2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.7	NO
Total Nitrogen (mg/L)	15	4.85	NO
Total Phosphorus (mg/L)	1	0.196	NO
Total Suspended Solids (mg/L)	30	2	NO
Biochemical Oxygen Demand (mg/L)	15	>2	NO
Nitrogen (ammonia) (mg/L)	5	0.2	NO
Faecal Coliforms (colony forming units per 100mL)	600	8	NO

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Date sample taken	21/ 08/ 2023
Date sample sent to laboratory	21/ 08/ 2023
Date data received from Laboratory	22/ 08/ 2023
Date data published	31/8/2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.7	NO
Total Nitrogen (mg/L)	15	2.73	NO
Total Phosphorus (mg/L)	1	0.131	NO
Total Suspended Solids (mg/L)	30	<2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.21	NO
Faecal Coliforms (colony forming units per 100mL)	600	5	NO

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Date sample taken	20/ 09/ 2023
Date sample sent to laboratory	20/ 09/ 2023
Date data received from Laboratory	3/ 09/ 2023
Date data published	18/09/2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.8	NO
Total Nitrogen (mg/L)	15	5.73	NO
Total Phosphorus (mg/L)	1	0.269	NO
Total Suspended Solids (mg/L)	30	2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.46	NO
Faecal Coliforms (colony forming units per 100mL)	600	920	NO

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Date sample taken	23/ 10/ 2023
Date sample sent to laboratory	23/ 10/ 2023
Date data received from Laboratory	24/ 10/ 2023
Date data published	24/ 10/ 2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.7	NO
Total Nitrogen (mg/L)	15	6.15	NO
Total Phosphorus (mg/L)	1	1.73	NO
Total Suspended Solids (mg/L)	30	<2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	4.55	NO
Faecal Coliforms (colony forming units per 100mL)	600	~690	YES

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Date sample taken	15/ 11/ 2023
Date sample sent to laboratory	15/ 11/ 2023
Date data received from Laboratory	16/ 11/ 2023
Date data published	28/11/2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.9	NO
Total Nitrogen (mg/L)	15	2.15	NO
Total Phosphorus (mg/L)	1	0.229	NO
Total Suspended Solids (mg/L)	30	<2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.25	NO
Faecal Coliforms (colony forming units per 100mL)	600	580	NO

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Date sample taken	13/ 12/ 2023
Date sample sent to laboratory	13/ 12/ 2023
Date data received from Laboratory	22/ 12/ 2023
Date data published	22/12/2023
Data published within 14 working days	YES

Pollutant (unit of measure)	Limit	Result	Limit Exceeded
Oil and Grease (mg/L)	10	<5	NO
pH	6.5 - 8.5	7.9	NO
Total Nitrogen (mg/L)	15	10.2	NO
Total Phosphorus (mg/L)	1	0.245	NO
Total Suspended Solids (mg/L)	30	<2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.56	NO
Faecal Coliforms (colony forming units per 100mL)	600	~210	NO