

# 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	23/ 01/ 2024
Date sample sent to laboratory	23/ 01/ 2024
Date data received from Laboratory	2/ 02/ 2024
Date data published	7/ 02/ 2024
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	8	NO
Total Nitrogen (mg/L)	15	4.85	NO
Total Phosphorus (mg/L)	1	0.307	NO
Total Suspended Solids (mg/L)	30	5	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	~ 79	NO

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**Monitoring frequency required by licence: monthly during discharge**

Date sample taken	13/ 02/ 2024
Date sample sent to laboratory	13/ 02/ 2024
Date data received from Laboratory	26/ 02/ 2024
Date data published	27/ 02/ 2024
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	2.34	NO
Total Phosphorus (mg/L)	1	0.467	NO
Total Suspended Solids (mg/L)	30	6	NO
Biochemical Oxygen Demand (mg/L)	15	3	NO
Nitrogen (ammonia) (mg/L)	5	1.12	NO
Faecal Coliforms (colony forming units per 100mL)	600	230	NO

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Date sample taken	26/ 03/ 2024
Date sample sent to laboratory	26/ 03/ 2024
Date data received from Laboratory	6/ 04/ 2024
Date data published	7/ 04/ 2024
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	7.5	NO
Total Nitrogen (mg/L)	15	4.82	NO
Total Phosphorus (mg/L)	1	0.34	NO
Total Suspended Solids (mg/L)	30	2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.35	NO
Faecal Coliforms (colony forming units per 100mL)	600	36	NO

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Date sample taken	23/ 04/ 2024
Date sample sent to laboratory	23/ 04/ 2024
Date data received from Laboratory	4/ 05/ 2024
Date data published	5/ 05/ 2024
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	2.31	NO
Total Phosphorus (mg/L)	1	0.238	NO
Total Suspended Solids (mg/L)	30	2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.3	NO
Faecal Coliforms (colony forming units per 100mL)	600	~30	NO

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Date sample taken	20/ 05/ 2024
Date sample sent to laboratory	20/ 05/ 2024
Date data received from Laboratory	31/ 05/ 2024
Date data published	6/ 06/ 2024
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	2.10	NO
Total Phosphorus (mg/L)	1	0.331	NO
Total Suspended Solids (mg/L)	30	5	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.44	NO
Faecal Coliforms (colony forming units per 100mL)	600	~110	NO

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Date sample taken	26/ 06/ 2024
Date sample sent to laboratory	26/ 06/ 2024
Date data received from Laboratory	27/ 06/ 2024
Date data published	8/07/2024
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	2.21	NO
Total Phosphorus (mg/L)	1	0.072	NO
Total Suspended Solids (mg/L)	30	<2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.19	NO
Faecal Coliforms (colony forming units per 100mL)	600	~4000	NO

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Date sample taken	22/ 07/ 2024
Date sample sent to laboratory	22/ 07/ 2024
Date data received from Laboratory	2/ 08/ 2024
Date data published	5/08/2024
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	7.15	NO
Total Phosphorus (mg/L)	1	0.47	NO
Total Suspended Solids (mg/L)	30	12	NO
Biochemical Oxygen Demand (mg/L)	15	3	NO
Nitrogen (ammonia) (mg/L)	5	0.07	NO
Faecal Coliforms (colony forming units per 100mL)	600	51	NO

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Date sample taken	28/ 08/ 2024
Date sample sent to laboratory	28/ 08/ 2024
Date data received from Laboratory	8/ 09/ 2024
Date data published	10/09/2024
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	3.9	NO
Total Phosphorus (mg/L)	1	0.111	NO
Total Suspended Solids (mg/L)	30	3	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.75	NO
Faecal Coliforms (colony forming units per 100mL)	600	<1	NO



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Date sample taken	23/ 09/ 2024
Date sample sent to laboratory	23/ 09/ 2024
Date data received from Laboratory	24/ 09/ 2024
Date data published	3/10/2024
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	4.79	NO
Total Phosphorus (mg/L)	1	0.092	NO
Total Suspended Solids (mg/L)	30	7	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	<1	NO

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Date sample taken	29/ 10/ 2024
Date sample sent to laboratory	29/ 10/ 2024
Date data received from Laboratory	7/ 11/ 2024
Date data published	7/ 11/ 2024
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	2.26	NO
Total Phosphorus (mg/L)	1	0.113	NO
Total Suspended Solids (mg/L)	30	2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.24	NO
Faecal Coliforms (colony forming units per 100mL)	600	30	NO

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Date sample taken	13/11/ 2024
Date sample sent to laboratory	13/11/ 2024
Date data received from Laboratory	28/ 11/ 2024
Date data published	28/ 11/ 2024
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	7.5	NO
Total Nitrogen (mg/L)	15	3.45	NO
Total Phosphorus (mg/L)	1	0.125	NO
Total Suspended Solids (mg/L)	30	<2	NO
Biochemical Oxygen Demand (mg/L)	15	<2	NO
Nitrogen (ammonia) (mg/L)	5	0.35	NO
Faecal Coliforms (colony forming units per 100mL)	600	15	NO

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Date sample taken	11/12/ 2024
Date sample sent to laboratory	11/12/ 2024
Date data received from Laboratory	20/ 12/ 2024
Date data published	06/02/2024
Data published within 14 working days	No

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	2.53	NO
Total Phosphorus (mg/L)	1	0.249	NO
Total Suspended Solids (mg/L)	30	3	NO
Biochemical Oxygen Demand (mg/L)	15	2	NO
Nitrogen (ammonia) (mg/L)	5	1.17	NO
Faecal Coliforms (colony forming units per 100mL)	600	180	NO