

Work Order : ME2101958
 Client : NATIONAL PARKS & WILDLIFE SERVICE
 Project : NPWS Hill End STP



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

				EPA Identification no. 1 Discharge Kitty's Flat Sewage Treatment System	EPA Identification no. 1 Discharge Kitty's Flat Sewage Treatment System	EPA Identification no. 1 Discharge Kitty's Flat Sewage Treatment System	EPA Identification no. 1 Discharge Kitty's Flat Sewage Treatment System	EPA Identification no. 1 Discharge Kitty's Flat Sewage Treatment System
Sampling date / time				25-Nov-2021 15:30	26-Nov-2021 08:30	27-Nov-2021 10:00	28-Nov-2021 09:20	29-Nov-2021 10:30
Compound	CAS Number	LOR	Unit	ME2101958-001	ME2101958-002	ME2101958-003	ME2101958-004	ME2101958-005
				Result	Result	Result	Result	Result
EA005: pH								
pH Value	----	0.01	pH Unit	7.6	7.0	7.0	7.2	7.4
EA025: Total Suspended Solids dried at 104 ± 2°C								
Suspended Solids (SS)	----	1	mg/L	18	3	2	2	<1
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.02	<0.01	0.01	0.02	0.02
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.6	0.4	0.5	0.4	0.4
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser								
^ Total Nitrogen as N	----	0.1	mg/L	0.6	0.4	0.5	0.4	0.4
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.02	0.02	0.01	<0.01	0.03
EP020: Oil and Grease (O&G)								
Oil & Grease	----	5	mg/L	<5	<5	<5	<5	<5
EP030: Biochemical Oxygen Demand (BOD)								
Biochemical Oxygen Demand	----	2	mg/L	5	<2	5	<2	5
MW006: Faecal Coliforms & E.coli by MF								
Faecal Coliforms	----	1	CFU/100mL	~11000	690	430	~46	~72

Inter-Laboratory Testing

Analysis conducted by ALS Sydney, NATA accreditation no. 825, site no. 10911 (Chemistry) 14913 (Biology).

(WATER) EP030: Biochemical Oxygen Demand (BOD)

(WATER) EP020: Oil and Grease (O&G)

(WATER) MW006: Faecal Coliforms & E.coli by MF

(WATER) EK067G: Total Phosphorus as P by Discrete Analyser

(WATER) EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser

(WATER) EK061G: Total Kjeldahl Nitrogen By Discrete Analyser

(WATER) EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser

Work Order : ME2101995
 Client : NATIONAL PARKS & WILDLIFE SERVICE
 Project : NPWS Hill End STP



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

				EPA Identification no. 1 Discharge Kitty's Flat Sewage Treatment System	EPA Identification no. 1 Discharge Kitty's Flat Sewage Treatment System	EPA Identification no. 1 Discharge Kitty's Flat Sewage Treatment System	----	----
Sampling date / time				30-Nov-2021 16:20	01-Dec-2021 08:00	02-Dec-2021 12:00	----	----
Compound	CAS Number	LOR	Unit	ME2101995-001	ME2101995-002	ME2101995-003	-----	-----
				Result	Result	Result	---	---
EA005: pH								
pH Value	----	0.01	pH Unit	8.1	7.5	8.0	----	----
EA025: Total Suspended Solids dried at 104 ± 2°C								
Suspended Solids (SS)	----	1	mg/L	2	2	4	----	----
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	<0.01	<0.01	----	----
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.5	0.5	0.6	----	----
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser								
^ Total Nitrogen as N	----	0.1	mg/L	0.5	0.5	0.6	----	----
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.02	0.02	0.02	----	----
EP020: Oil and Grease (O&G)								
Oil & Grease	----	5	mg/L	<5	<5	<5	----	----
EP030: Biochemical Oxygen Demand (BOD)								
Biochemical Oxygen Demand	----	2	mg/L	2	<2	3	----	----
MW006: Faecal Coliforms & E.coli by MF								
Faecal Coliforms	----	1	CFU/100mL	47	64	42	----	----

Inter-Laboratory Testing

Analysis conducted by ALS Sydney, NATA accreditation no. 825, site no. 10911 (Chemistry) 14913 (Biology).

(WATER) EA025: Total Suspended Solids dried at 104 ± 2°C

(WATER) EP030: Biochemical Oxygen Demand (BOD)

(WATER) EP020: Oil and Grease (O&G)

(WATER) MW006: Faecal Coliforms & E.coli by MF

(WATER) EK067G: Total Phosphorus as P by Discrete Analyser

(WATER) EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser

(WATER) EK061G: Total Kjeldahl Nitrogen By Discrete Analyser

(WATER) EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser