

Work Order : ME2101881
 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	----
Sampling date / time				12-Nov-2021 14:00	13-Nov-2021 11:40	14-Nov-2021 09:00	15-Nov-2021 14:30	----
Compound	CAS Number	LOR	Unit	ME2101881-001	ME2101881-002	ME2101881-003	ME2101881-004	-----
				Result	Result	Result	Result	----
EA005: pH								
pH Value	----	0.01	pH Unit	7.2	6.9	7.0	7.6	----
EA025: Total Suspended Solids dried at 104 ± 2°C								
Suspended Solids (SS)	----	1	mg/L	5	2	2	7	----
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	----
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.7	0.7	0.7	0.6	----
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser								
^ Total Nitrogen as N	----	0.1	mg/L	0.7	0.7	0.7	0.6	----
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.04	0.03	0.03	0.02	----
EP020: Oil and Grease (O&G)								
Oil & Grease	----	5	mg/L	<5	<5	<5	<5	----
EP030: Biochemical Oxygen Demand (BOD)								
Biochemical Oxygen Demand	----	2	mg/L	<2	2	<2	<2	----
MW006: Faecal Coliforms & E.coli by MF								
Faecal Coliforms	----	1	CFU/100mL	230	180	~90	19	----

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 : ME2101897
 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				16-Nov-2021 15:00	17-Nov-2021 12:00	18-Nov-2021 12:00	----	----
Compound	CAS Number	LOR	Unit	ME2101897-001	ME2101897-002	ME2101897-003	-----	-----
				Result	Result	Result	---	---
EA005: pH								
pH Value	----	0.01	pH Unit	7.7	5.7	7.6	----	----
EA025: Total Suspended Solids dried at 104 ± 2°C								
Suspended Solids (SS)	----	1	mg/L	4	2	2	----	----
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	0.6	0.6	0.6	----	----
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser								
^ Total Nitrogen as N	----	0.1	mg/L	0.6	0.6	0.6	----	----
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.01	0.02	0.03	----	----
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	<2	----	----
MW006: Faecal Coliforms & E.coli by MF								
Faecal Coliforms	----	1	CFU/100mL	~45	170	~73	----	----

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