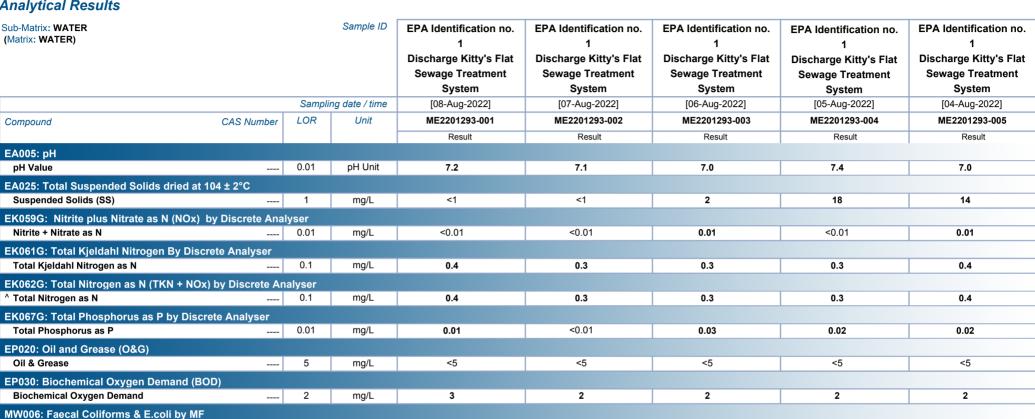
Client : NATIONAL PARKS & WILDLIFE SERVICE

NPWS Hill End STP Project

Analytical Results



~3

27

64

170

Inter-Laboratory Testing

Faecal Coliforms

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

1

CFU/100mL

<1

(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



Client : NATIONAL PARKS & WILDLIFE SERVICE

Project : NPWS Hill End STP

Analytical Results



Sub-Matrix: WATER (Matrix: WATER)			Sample ID	EPA Identification no.	EPA Identification no.	EPA Identification no.	
				Discharge Kitty's Flat	Discharge Kitty's Flat	Discharge Kitty's Flat	
				Sewage Treatment	Sewage Treatment	Sewage Treatment	
				System	System	System	
	Sampling date / time			[11-Aug-2022]	[10-Aug-2022]	[09-Aug-2022]	
Compound	CAS Number	LOR	Unit	ME2201327-001	ME2201327-002	ME2201327-003	
				Result	Result	Result	
EA005: pH							
pH Value		0.01	pH Unit	7.1	7.3	7.3	
EA025: Total Suspended Solids dr	ed at 104 ± 2°C						
Suspended Solids (SS)		1	mg/L	1	2	<1	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Ana	lyser					
Nitrite + Nitrate as N		0.01	mg/L	<0.01	0.02	<0.01	
EK061G: Total Kjeldahl Nitrogen B	y Discrete Analyser						
Total Kjeldahl Nitrogen as N		0.1	mg/L	0.4	0.6	0.4	
EK062G: Total Nitrogen as N (TKN	+ NOx) by Discrete An	alyser					
^ Total Nitrogen as N		0.1	mg/L	0.4	0.6	0.4	
EK067G: Total Phosphorus as P by	/ Discrete Analyser						
Total Phosphorus as P		0.01	mg/L	<0.01	0.01	0.02	
EP020: Oil and Grease (O&G)							
Oil & Grease		5	mg/L	<5	<5	<5	
EP030: Biochemical Oxygen Dema	nd (BOD)						
Biochemical Oxygen Demand		2	mg/L	3	2	3	
MW006: Faecal Coliforms & E.coli	by MF						
Faecal Coliforms		1	CFU/100mL	<1	<1	~1	

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

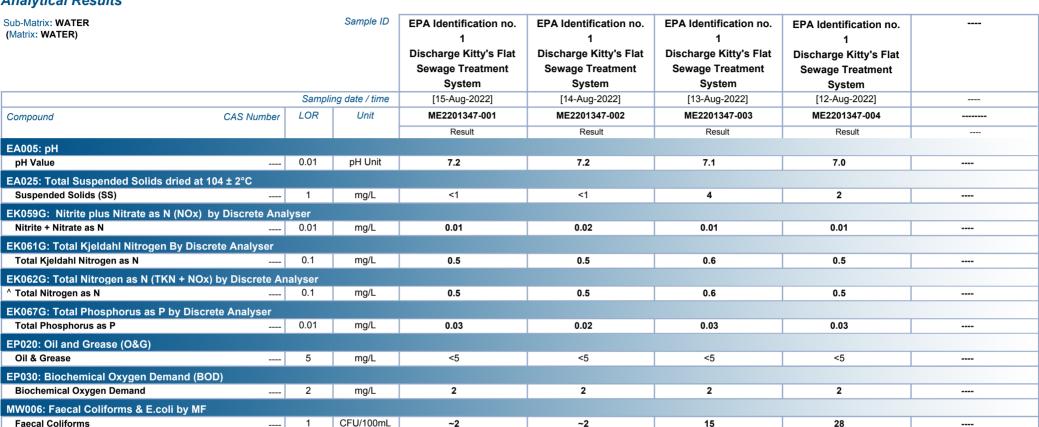
(WATER) EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser

(WATER) EK061G: Total Kjeldahl Nitrogen By Discrete Analyser

Client : NATIONAL PARKS & WILDLIFE SERVICE

Project : NPWS Hill End STP

Analytical Results



Inter-Laboratory Testing

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

(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

(WATER) EP030: Biochemical Oxygen Demand (BOD)

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



Client : NATIONAL PARKS & WILDLIFE SERVICE

NPWS Hill End STP Project



Inter-Laboratory Testing

Faecal Coliforms

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

CFU/100mL

~4

(WATER) EP030: Biochemical Oxygen Demand (BOD)

MW006: Faecal Coliforms & E.coli by MF

(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



Client : NATIONAL PARKS & WILDLIFE SERVICE

Project : NPWS Hill End STP

Analytical Results



Sub-Matrix: WATER (Matrix: WATER)			Sample ID	EPA Identification no.	EPA Identification no.	 	
				Discharge Kitty's Flat	Discharge Kitty's Flat		
				Sewage Treatment	Sewage Treatment		
				System	System		
	Sampling date / time			18-Aug-2022 09:15	17-Aug-2022 14:00	 	
Compound	CAS Number	LOR	Unit	ME2201368-001	ME2201368-002	 	
				Result	Result	 	
EA005: pH							
pH Value		0.01	pH Unit	7.2	7.6	 	
EA025: Total Suspended Solids dri	ed at 104 ± 2°C						
Suspended Solids (SS)		1	mg/L	<1	<1	 	
EK059G: Nitrite plus Nitrate as N (I	NOx) by Discrete Ana	lyser					
Nitrite + Nitrate as N		0.01	mg/L	<0.01	<0.01	 	
EK061G: Total Kjeldahl Nitrogen By	y Discrete Analyser						
Total Kjeldahl Nitrogen as N		0.1	mg/L	0.5	0.5	 	
EK062G: Total Nitrogen as N (TKN	+ NOx) by Discrete An	alyser					
^ Total Nitrogen as N		0.1	mg/L	0.5	0.5	 	
EK067G: Total Phosphorus as P by	Discrete Analyser						
Total Phosphorus as P		0.01	mg/L	0.04	0.01	 	
EP020: Oil and Grease (O&G)							
Oil & Grease		5	mg/L	<5	<5	 	
EP030: Biochemical Oxygen Dema	nd (BOD)						
Biochemical Oxygen Demand		2	mg/L	2	<2	 	
MW006: Faecal Coliforms & E.coli l	y MF						
Faecal Coliforms		1	CFU/100mL	<1	<1	 	

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

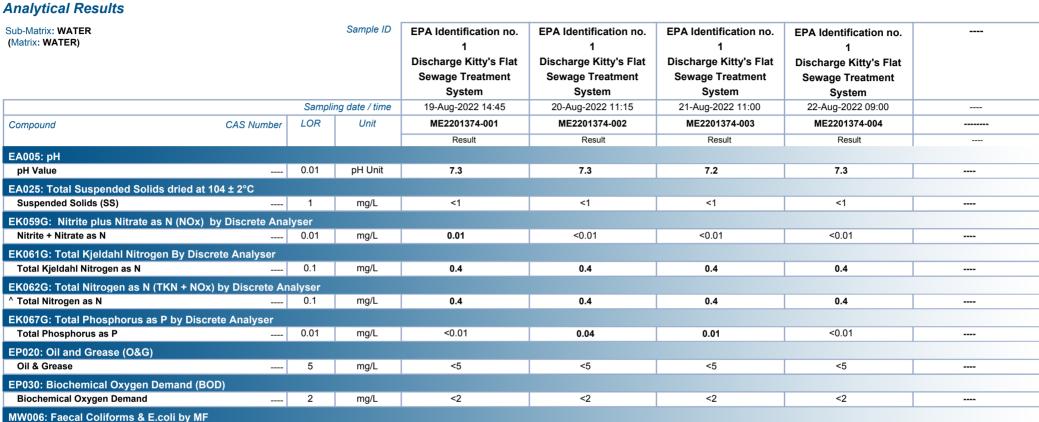
(WATER) EK067G: Total Phosphorus as P by Discrete Analyser

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

(WATER) EK061G: Total Kjeldahl Nitrogen By Discrete Analyser

Client : NATIONAL PARKS & WILDLIFE SERVICE

NPWS Hill End STP Project



~1

<1

<1

Inter-Laboratory Testing

Faecal Coliforms

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

1

CFU/100mL

~6

(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

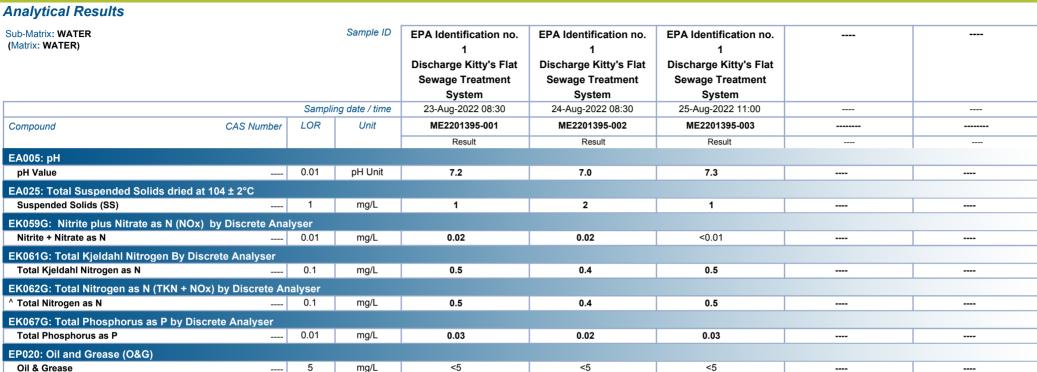
(WATER) EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser

(WATER) EK061G: Total Kjeldahl Nitrogen By Discrete Analyser



Client : NATIONAL PARKS & WILDLIFE SERVICE

NPWS Hill End STP **Project**



<2

<1

~7

<2

<1

Inter-Laboratory Testing

Faecal Coliforms

Biochemical Oxygen Demand

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

2

mg/L

CFU/100mL

(WATER) EP030: Biochemical Oxygen Demand (BOD)

EP030: Biochemical Oxygen Demand (BOD)

MW006: Faecal Coliforms & E.coli by MF

(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

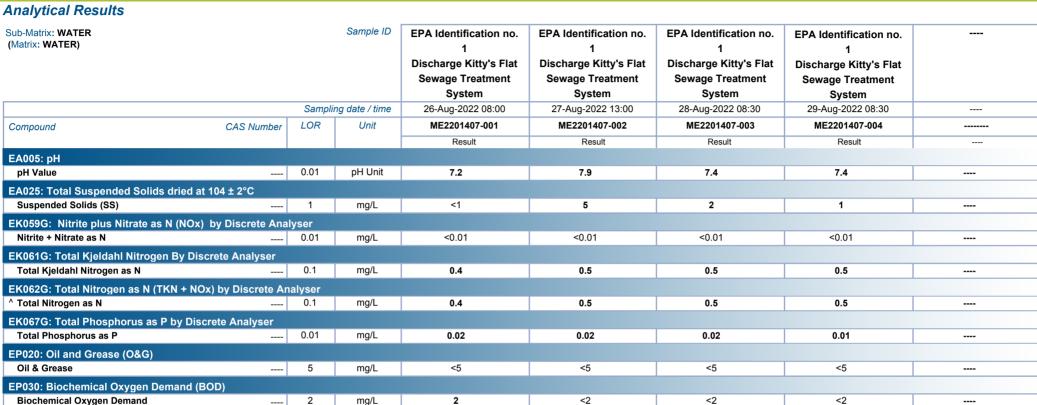
(WATER) EK061G: Total Kjeldahl Nitrogen By Discrete Analyser

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



Client : NATIONAL PARKS & WILDLIFE SERVICE

NPWS Hill End STP **Project**



<1

<1

<1

Inter-Laboratory Testing

Faecal Coliforms

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

1

CFU/100mL

~1

(WATER) EP030: Biochemical Oxygen Demand (BOD)

MW006: Faecal Coliforms & E.coli by MF

(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



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	EPA Identification no. 1 Discharge Kitty's Flat	EPA Identification no. 1 Discharge Kitty's Flat	
				Sewage Treatment	Sewage Treatment	Sewage Treatment	
					System	System	
		Samn	ling date / time	System 30-Aug-2022 08:30	31-Aug-2022 10:00	01-Sep-2022 10:00	
Commercial			Unit	ME2201439-001	ME2201439-002	ME2201439-003	
Compound	CAS Number	LOR	Onit				
				Result	Result	Result	
EA005: pH		2.21					1
pH Value		0.01	pH Unit	7.3	7.3	7.3	
EA025: Total Suspended Solids dri	ied at 104 ± 2°C						
Suspended Solids (SS)		1	mg/L	2	2	1	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Ana	lyser					
Nitrite + Nitrate as N		0.01	mg/L	0.01	0.02	<0.01	
EK061G: Total Kjeldahl Nitrogen B	y Discrete Analyser						
Total Kjeldahl Nitrogen as N		0.1	mg/L	0.5	0.5	0.5	
EK062G: Total Nitrogen as N (TKN	+ NOx) by Discrete An	alyser					
^ Total Nitrogen as N		0.1	mg/L	0.5	0.5	0.5	
EK067G: Total Phosphorus as P by	v Discrete Analyser						
Total Phosphorus as P		0.01	mg/L	<0.01	0.02	0.02	
EP020: Oil and Grease (O&G)							
Oil & Grease		5	mg/L	<5	<5	<5	
EP030: Biochemical Oxygen Dema	nd (BOD)						
Biochemical Oxygen Demand		2	mg/L	3	<2	<2	
MW006: Faecal Coliforms & E.coli	by MF						
Faecal Coliforms		1	CFU/100mL	27	~1	<1	
nter-I aboratory Testing					!		!

Inter-Laboratory Testing

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

(WATER) EP030: Biochemical Oxygen Demand (BOD)

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

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(WATER) EK061G: Total Kjeldahl Nitrogen By Discrete Analyser