

01. Discharge to Water and Land monitoring points 1,2 (EDP1,EDP2 - referred on map) - Sampling Quarterly

Sample ID	Sample Location Refer map titled "SAMPLING POINTS NYNGAN REUSE SCHEME"	Sampling Date	Sampling frequency	Biochemical oxygen demand	Nitrogen (total)	Oil and grease	Phosphorous (total)	Total suspended solids	Ammonia as N	Faecal Coliforms (CFU - Colony Forming Units /100 mL) NBO - Noted Background Organism	pH (Field)	
Acceptable range				0-30 mg/L	0-15 mg/L	0-10 mg/L	0-10 mg/L	0-30 mg/L	5 mg/L	200 CFU/100 mL		
EDP1	Effluent reuse pond	01-Jul-12	Quarterly	50.0	8.1	<5	5.3	18.0				
		14-Nov-12	Quarterly	27.0	9.0	<5	7.4	28.0			7.0	
		03-Apr-13	Quarterly	28.0	20.0	<5	3.8	190.0			7.2	
		05-Aug-13	Quarterly	55.0	12.0	<5	5.2	53.0	0.6	73.0	7.1	
		05-Nov-13	Quarterly	37.0	15.0	10.0	0.0	150.0	<0.005	20.0	7.0	
		18-Feb-14	Quarterly	37.0	17.0	<5	4.9	82.0	6.1	98.0	7.0	
		10-Jun-14	Quarterly	27.0	11.0	<5	4.5	96.0	2.1	2.0	6.9	
		23-Sep-14	Quarterly	<5	5.0	<5	4.3	43.0	1.0	<10	6.8	
		10-Dec-14	Quarterly	17.0	4.5	6.0	3.1	40.0	0.0	<1000 NBO	6.9	
		17-Mar-15	Quarterly	13.0	7.2	<5	4.8	82.0	<0.005	100 NBO	6.9	
		30-Jun-15	Quarterly	9.0	10.0	<5	5.2	47.0	1.9	<1 NBO	7.1	
		07-Oct-15	Quarterly	<5	6.0	<5	3.5	23.0	1.8	6400.0	8.4	
		16-Feb-16	Quarterly	14.0	3.7	<5	1.7	120.0	<0.005	<20	9.5	
		21-Mar-16	Quarterly	140.0	6.2	<5	2.5	37.0	<0.005	<1000	9.4	
		04-Jul-16	Quarterly	<5	5.2	<5	3.4	21.0	0.3	88.0	8.6	
		11-Oct-16	Quarterly	10.0	4.2	<5	3.5	60.0	<0.005	50.0	9.1	
		16-May-17	Quarterly	51.0	3.5	<5	5.3	88.0	0.0	9200.0	8.7	
		20-Jun-17	Quarterly	<5	9.3	<5	2.9	68.0	<0.005	2400.0	9.2	
		26-Sep-17	Quarterly	<5	7.3	<5	5.4	16.0	3.1	18.0	8.7	
		25-Jan-18	Quarterly	<5	5.7	<5	2.1	78.0	0.0	1000 (appx) NBO	9.4	
		01-May-18	Quarterly	58.0	9.7	<5	3.6	110.0	<0.005	20 (appx) NBO	9.5	
		19-Jun-18	Quarterly	66.0	7.6	<5	5.3	39.0	1.8	1000 (appx)	8.5	
		06-Nov-18	Quarterly	<5	10.0	<5	5.6	19.0	3.2	250 NBO	8.4	
		05-Apr-19	Quarterly	31.0	5.7	<5	3.4	110.0	<0.005	<10 NBO	9.6	
		24-Jun-19	Quarterly	200	6.6	<5	3.6	41	1.2	<10 NBO	8.7	
		10-Feb-21	Quarterly	<5	2.6	<5	1.4	54	0.065	<100 NBO	9.4	
		04-May-21	Quarterly	<5	2.1	<5	2	32	<0.005	100 A NBO	9.5	
13-Jul-21	Quarterly	8	2.1	<5	2.1	20	<0.005	<20	9.2			
19-Oct-21	Quarterly	<5	1.8	<5	1.9	42	<0.005	1 A NBO	9.8			
07-Mar-22	Quarterly	25	8.5	<5	2.7	130	0.2	220 MPN/100mL	8.8			
18-Jul-22	Quarterly	11	4.1	<5	4.9	41	1.2	20A NBO	8.1			
				Minimum	8.0	1.8	0.0	1.9	20.0	0.2	0.0	8.1
				2021 - 2022 Maximum	25.0	8.5	0.0	4.9	130.0	1.2	0.0	9.8
				Average	14.7	4.1	0.0	2.9	58.3	0.7	0.0	9.0
EDP2	Centre of Pivot on property Laravoulta	01-Jul-12	Quarterly	37.0	10.3	<5	4.3	38.0				
		14-Nov-12	Quarterly	29.0	10.0	<5	6.2	230.0			7.1	
		03-Apr-13	Quarterly	44.0	18.0	<5	3.2	<5			7.2	
		07-Aug-13	Quarterly	35.0	9.6	<5	4.8	44.0	1.2	70.0	7.2	
		07-Nov-13	Quarterly	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		17-Feb-14	Quarterly	44.0	12.0	<5	1.4	8.0	9.1	<1	7.2	
		11-Jun-14	Quarterly	9.0	12.0	<5	4.4	27.0	3.8	10.0	7.0	
		23-Sep-14	Quarterly	9.0	5.0	<5	4.8	20.0	0.4	<10	7.0	
		10-Dec-14	not sampled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		17-Mar-15	not sampled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		30-Jun-15	Quarterly	34.0	11.0	<5	3.8	8.0	5.2	70 (appx)	7.2	
		07-Oct-15	Quarterly	<5	6.3	<5	3.8	<5	2.8	<1 NBO	8.3	
		16-Feb-16	not sampled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		21-Mar-16	not sampled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		04-Jul-16	not sampled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		11-Oct-16	not sampled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		16-May-17	Quarterly	16.0	1.8	<5	2.4	29.0	0.3	<20	9.4	
		20-Jun-17	Quarterly	15.0	9.3	14.0	2.7	43.0	0.5	210.0	9.1	
		26-Sep-17	Quarterly	<5	7.6	<5	5.4	14.0	3.0	7 (appx)	8.8	
25-Jan-18	Quarterly	50.0	10.0	<5	2.5	<5	6.7	<1	8.4			
01-May-18	Quarterly	15.0	8.5	<5	3.5	29.0	1.8	10 (appx) NBO	8.8			
19-Jun-18	Quarterly	75.0	8.0	<5	5.7	50.0	2.3	20 (appx) NBO	8.3			

06-Nov-18	Quarterly	<5	10.0	↘	5.7	18.0	3.2	290 NBO	8.4	
05-Apr-19	Quarterly	33.0	8.0	↘	3.6	120.0	<0.005	<10 NBO	9.4	
24-Jun-19	Quarterly	210	6.4	↘	3.6	44	1.2	<10 NBO	8.7	
10-Feb-21	Quarterly	7	2.7	↘	1.4	26	0.006	<100 NBO	9.4	
04-May-21	Quarterly	<5	2.2	↘	2	35	<0.005	100 A	9.6	
13-Jul-21	Quarterly	9	2.1	↘	2	21	<0.005	<20	9.2	
19-Oct-21	Quarterly	<5	1.9	↘	1.8	38	<0.005	10 A NBO	9.8	
07-Mar-22	Quarterly	20	8.2	↘	2.8	150	0.24	220 MPN/100mL	8.9	
18-Jul-22	Quarterly	12	3.9	↘	4.9	42	1.1	20A NBO	8.1	
2021 - 2022		Minimum	7.0	1.9	0.0	1.4	21.0	0.0	0.0	8.1
		Maximum	20.0	8.2	0.0	4.9	150.0	1.1	0.0	9.8
		Average	12.0	3.5	0.0	2.5	52.0	0.4	0.0	9.2

02. Ground Water monitoring points 3,4,5,6,7 (MB1,MB2,MB3,MB4,MB5 - refers on map) - Sampling Quarterly

Sample ID	Sample Location Refer map titled "SAMPLING POINTS NYNGAN REUSE SCHEME"	Sampling Date	Sampling frequency	Standing water level (m)	Calcium	Conductivity (mS/cm)	Magnesium	Nitrate	pH	Potassium	Sodium	Sodium Adsorption Ratio (%)	Thermotolerant coliforms (CFU/100mL) Approximates	Total Phosphorous
Acceptable range EQL				n/a	0.5	1	0.5	0.005	n/a	0.5	0.5	0.01	20	0.05
MB1	E 519597 / N 6510451	12-Nov-12	Quarterly	15.9	690.0	35.8	1300.0	0.0	6.5	47.0	9000.0	47.0	40.0	<0.05
		02-Apr-12	Quarterly	16.1	710.0	37.4	1200.0	<0.005	6.2	54.0	9800.0	52.0	<10	<0.05
		05-Aug-13	Quarterly	16.0	700.0	38.0	1300.0	<0.005	6.5	61.0	10000.0	53.0	<10	<0.05
		05-Nov-13	Quarterly	16.0	710.0	39.0	1400.0	<0.005	7.9	46.0	8900.0	45.0	<1	0.09
		17-Feb-14	Quarterly	16.0	680.0	39.0	1400.0	0.0	6.5	53.0	9700.0	49.0	<1	<0.05
		10-Jun-14	Quarterly	16.1	750.0	39.0	1400.0	<0.005	6.7	47.0	11000.0	9.0	130.0	0.09
		22-Sep-14	Quarterly	16.0	740.0	38.0	1400.0	<0.005	6.5	45.0	10000.0	51.0	<1	0.1
		09-Dec-14	Quarterly	13.0	650.0	39.0	1300.0	<0.005	6.5	44.0	9800.0	51.0	<10	<0.25
		16-Mar-15	Quarterly	15.9	690.0	37.0	1300.0	<0.005	6.6	60.0	9800.0	50.0	<10	0.1
		30-Jun-15	Quarterly	15.6	800.0	33.0	1600.0	0.0	6.6	54.0	11000.0	52.0	100.0	0.3
		07-Oct-15	Quarterly	16.1	610.0	35.0		<0.005		52.0	9800.0	53.0	<1	0.1
		16-Feb-16	Quarterly	16.3	720.0	41.0	1400.0	0.0	7.9	50.0	10000.0	51.0	20.0	1.0
		21-Mar-16	Quarterly	16.4	660.0	36.0	1300.0	0.1	7.2	55.0	11000.0	55.0	<20	7.4
		04-Jul-16	Quarterly	16.2	820.0	34.0	1600.0	0.1	6.7	52.0	11000.0	52.0	<200	2.5
		12-Oct-16	Quarterly	16.1	640.0	38.0	1200.0	0.0	6.8	52.0	9600.0	51.0	<20	2.0
		16-May-17	Quarterly	16.0	650.0	32.0	1200.0	0.2	6.9	46.0	11000.0	56.0	<20	0.2
		20-Jun-17	Quarterly	16.1	700.0	38.0	1400.0	0.0	6.7	60.0	11000.0	55.0	<10	<0.05
		26-Sep-17	Quarterly	16.1	570.0	39.0	1100.0	0.0	6.4	41.0	8800.0	49.0	<1	<0.05
		25-Jan-18	Quarterly	16.1	680.0	40.0	1300.0	0.1	6.9	56.0	10000.0	53.0	<10	<0.05
		01-May-18	Quarterly	16.2	700.0	39.0	1300.0	0.1	6.6	59.0	10000.0	53.0	<1	<0.05
		19-Jun-18	Quarterly	16.2	650.0	39.0	1200.0	0.2	6.7	57.0	10000.0	53.0	<1	<0.05
		06-Nov-18	Quarterly	16.1	720.0	38.0	1400.0	0.1	6.9	58.0	12000.0	60.0	<20	0.1
		09-Apr-19	Quarterly	16.1	690.0	39.0	1400.0	0.0	6.8	38.0	8400.0	42.0	<1	0.1
24-Jun-19	Quarterly	16.2	690.0	39.0	1300.0	0.1	6.5	55.0	8100.0	42.0	<1	<0.05		
10-Feb-21	Quarterly	16.471	610	37.0	1200.0	0.04	6.5	41.0	7600.0	58.0	<100	<0.05		
04-May-21	Quarterly	16.376	750	37.0	1400.0	0.13	6.6	52.0	9200.0	45.0	1 A NBO	0.1		
13-Jul-21	Quarterly	16.178	620	37.0	1300.0	0.23	7.0	49.0	8900.0	47.0	<20	0.4		
19-Oct-21	Quarterly	16.282	640	38.0	1000.0	<0.005	6.9	47.0	8600.0	49.0	<20	0.4		
07-Mar-22	Quarterly	16.329	740	38.0	1100.0	0.03	6.7	53.0	9800.0	53.0	<20 MPN/100mL	0.06		
19-Jul-22	Quarterly	16.251	460	40.0	850.0	<0.005	6.6	43.0	8500.0	53.0	10A	0.1		
		Minimum	16.2	460.0	37.0	850.0	0.0	6.6	43.0	8500.0	47.0	0.0	0.1	
2021 - 2022		Maximum	16.3	740.0	40.0	1300.0	0.2	7.0	53.0	9800.0	53.0	0.0	0.4	
		Average	16.3	615.0	38.3	1062.5	0.1	6.8	48.0	8950.0	50.5	0.0	0.2	
		Q1												
		12-Nov-12	Quarterly	15.7	550.0	33.9	1100.0	0.5	7.0	57.0	9000.0	50.0	30.0	0.2
		02-Apr-12	Quarterly	16.0	590.0	36.0	1100.0	0.2	6.5	63.0	9800.0	54.0	150.0	0.07
		05-Aug-13	Quarterly	16.0	550.0	36.0	1000.0	0.2	7.3	69.0	9900.0	57.0	<10	0.1
		05-Nov-13	Quarterly	15.9	580.0	38.0	1300.0	0.3	8.0	55.0	9000.0	48.0	<1	0.05
		17-Feb-14	Quarterly	15.9	550.0	36.0	1200.0	0.6	7.8	60.0	9500.0	51.0	<1	0.200
		11-Jun-14	Quarterly	16.0	640.0	36.0	1300.0	0.4	6.8	53.0	10000.0	9.5	<1	<0.05
		22-Sep-14	Quarterly	15.9	600.0	36.0	1300.0	0.4	6.8	53.0	10000.0	52.0	1 (appx)	<0.05
		09-Dec-14	Quarterly	16.0	600.0	38.0	1300.0	0.4	6.8	56.0	10000.0	54.0	10.0	<0.25
		16-Mar-15	Quarterly	15.8	580.0	37.0	1300.0	0.4	6.8	68.0	9700.0	51.0	<1	<0.05
		30-Jun-15	Quarterly	15.4	500.0	34.0	1500.0	0.4	6.8	65.0	11000.0	52.0	<1	0.1
		07-Oct-15	Quarterly	16.0	510.0	36.0		0.5		58.0	9500.0	53.0	<1	<0.05

MB2	E 519123 / N 6510301	16-Feb-16	Quarterly	16.2	590.0	39.0	1300.0	0.5	7.3	59.0	9900.0	52.0	<20	0.1	
		21-Mar-16	Quarterly	16.1	550.0	38.0	1200.0	0.4	7.2	65.0	10000.0	57.0	<20	0.9	
		04-Jul-16	Quarterly	16.2	660.0	33.0	140.0	0.4	6.9	61.0	11000.0	54.0	<200	0.2	
		12-Oct-16	Quarterly	16.1	570.0	37.0	1200.0	0.5	7.2	66.0	9500.0	51.0	<20	0.1	
		16-May-17	Quarterly	16.1	500.0	33.0	1200.0	0.7	7.0	56.0	11000.0	58.0	<20	0.2	
		20-Jun-17	Quarterly	16.1	580.0	37.0	1200.0	0.6	7.0	69.0	10000.0	55.0	<1	<0.05	
		26-Sep-17	Quarterly	16.1	610.0	38.0	1300.0	0.5	6.7	57.0	9900.0	51.0	<1	0.1	
		25-Jan-18	Quarterly	16.1	580.0	39.0	1200.0	0.5	7.1	63.0	10000.0	53.0	<1	<0.05	
		01-May-18	Quarterly	16.1	580.0	39.0	1200.0	0.6	6.9	68.0	10000.0	54.0	<1	<0.05	
		19-Jun-18	Quarterly	16.1	550.0	38.0	1200.0	0.5	6.8	66.0	9500.0	52.0	<1	0.1	
		06-Nov-18	Quarterly	16.0	650.0	36.0	1400.0	0.5	7.0	66.0	12000.0	61.0	<20	0.1	
		09-Apr-19	Quarterly	16.0	470.0	39.0	1400.0	0.7	7.0	42.0	8400.0	44.0	<1	<0.05	
		24-Jun-19	Quarterly	16.067	590	40.0	1200	0.44	7.0	61	8000	43	<1	0.1	
		10-Feb-21	Quarterly	16.438	430	37.0	1200	0.55	6.8	51	9000	51	<100	0.05	
		04-May-21	Quarterly	16.366	740	37.00	1500.0	0.970	6.7	52	9500	46	<1	0.10	
		13-Jul-21	Quarterly	16.166	560	39.00	1200.0	0.240	7.0	45	8800	48	<20	0.10	
		19-Oct-21	Quarterly	16.259	470	37.00	1000.0	0.540	7.1	53	8000	47	<20	<0.05	
		07-Mar-22	Quarterly	16.305	550	39.00	1400.0	0.270	6.9	49	9500	48	<20 MPN/100mL	0.20	
		18-Jul-22	Quarterly	16.187	490	43.00	1200.0	0.150	6.8	44	9100	50	<10	0.70	
				Minimum	16.2	470.0	37.0	1000.0	0.2	6.8	44.0	8000.0	47.0	0.0	0.1
				2021 - 2022 Maximum	16.3	560.0	43.0	1400.0	0.5	7.1	53.0	9500.0	50.0	0.0	0.7
		Average	16.2	517.5	39.5	1200.0	0.3	7.0	47.8	8850.0	48.3	0.0	0.3		
MB3	E 519586 / N 6509978	12-Nov-12	Quarterly	15.8	570.0	35.5	1200	0.360	6.9	46	9500	51	20	0.100	
		02-Apr-12	Quarterly	16.1	620.0	38.0	1100.0	0.4	6.5	49.0	10000.0	55.0	<10	0.08	
		05-Aug-13	Quarterly	16.1	720.0	38.0	1500.0	0.3	6.8	60.0	1200.0	60.0	<10	0.1	
		05-Nov-13	Quarterly	16.0	620.0	39.0	1300.0	0.4	8.1	42.0	9100.0	48.0	<1	<0.05	
		17-Feb-14	Quarterly	15.5	590.0	37.0	1300.0	0.4	6.8	51.0	10000.0	52.0	30.0	0.060	
		10-Jun-14	Quarterly	16.1	730.0	38.0	1500.0	0.4	6.7	49.0	12000.0	5.8	10.0	0.060	
		22-Sep-14	Quarterly	16.0	680.0	37.0	1400.0	0.4	6.7	44.0	11000.0	54.0	<1	0.050	
		09-Dec-14	Quarterly	16.0	650.0	39.0	1400.0	0.4	6.8	45.0	11000.0	57.0	320.0	<0.25	
		16-Mar-15	Quarterly	15.9	620.0	38.0	1400.0	0.4	6.7	56.0	10000.0	50.0	80.0	<0.05	
		30-Jun-15	Quarterly	15.4	651.0	5.0	1400.0	0.5	6.8	54.0	10000.0	52.0	<1 NBO	0.1	
		07-Oct-15	Quarterly	16.0	540.0	38.0		0.4		49.0	9800.0	55.0	<1	<0.05	
		16-Feb-16	Quarterly	16.2	760.0	45.0	1600.0	0.3	7.2	60.0	12000.0	54.0	<20	0.6	
		21-Mar-16	Quarterly	16.2	730.0	45.0	1500.0	0.3	7.2	61.0	12000.0	59.0	<20	0.7	
		04-Jul-16	Quarterly	16.1	780.0	36.0	1600.0	0.3	6.9	55.0	12000.0	55.0	<200	1.1	
		12-Oct-16	Quarterly	16.1	750.0	41.0	1500.0	0.2	7.1	61.0	12000.0	58.0	<20	0.2	
		16-May-17	Quarterly	16.1	670.0	36.0	1300.0	0.4	7.0	52.0	12000.0	59.0	<20	0.9	
		20-Jun-17	Quarterly	16.1	730.0	41.0	1500.0	0.3	7.0	60.0	12000.0	58.0	<10	<0.05	
		26-Sep-17	Quarterly	16.1	690.0	42.0	1400.0	0.3	6.8	48.0	11000.0	54.0	<1	<0.05	
		25-Jan-18	Quarterly	16.1	690.0	44.0	1400.0	0.3	7.0	56.0	11000.0	56.0	2 (appx)	<0.05	
		01-May-18	Quarterly	16.1	720.0	44.0	1400.0	0.3	6.9	61.0	12000.0	57.0	<1	<0.05	
		19-Jun-18	Quarterly	16.148	760	44.0	1500	0.27	6.9	66	12000	57	<1	<0.05	
06-Nov-18	Quarterly	16.015	760	42.0	1600	0.33	7.0	62	13000	62	110	0.5			
09-Apr-19	Quarterly	16.036	860	44.0	1800	0.32	6.9	38	11000	47	<10	0.2			
24-Jun-19	Quarterly	16.080	760	44.0	1500	0.26	6.9	50	9300	45	<1	0.1			
10-Feb-21	Quarterly	16.382	630	42.0	1300	0.26	6.8	44	11000	54	<100	<0.05			
04-May-21	Quarterly	13.302	760	37.0	1500	0.22	6.6	53	9600	46	1 A NBO	<0.05			
13-Jul-21	Quarterly	16.150	610	41.0	1300	0.37	7.1	49	9900	51	<20	1.1			
19-Oct-21	Quarterly	16.229	540	41.0	1100	0.38	7.1	45	9100	51	<20	1.1			
07-Mar-22	Quarterly	16.269	550	41.0	1600	0.38	6.9	54	11000	52	<20 MPN/100mL	0.2			
19-Jul-22	Quarterly	15.913	470	44.0	1100	0.29	6.7	45	9400	53	<10	0.2			
		Minimum	15.9	470.0	41.0	1100.0	0.3	6.7	45.0	9100.0	51.0	0.0	0.2		
		2021 - 2022 Maximum	15.9	470.0	41.0	1100.0	0.3	6.7	45.0	9100.0	51.0	0.0	0.2		
		Average	16.1	542.5	41.8	1275.0	0.4	7.0	48.3	9850.0	51.8	0.0	0.7		
		13-Nov-12	Quarterly	13.050	0.9	1.8	3	11.0	7.5	3	370	37	<20	0.6	
		02-Apr-12	Quarterly	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		05-Aug-13	Quarterly	13.1	1.9	2.2	3.7	8.2	7.1	4.2	540.0	52.0	<10	0.6	
		05-Nov-13	Quarterly	13.1	2.0	21.0	4.9	9.7	8.3	3.5	450.0	39.0	<1	0.3	
		17-Feb-14	Quarterly	13.1	1.3	2.1	3.8	8.7	7.9	4.6	570.0	56.0	10.0	0.4	
		10-Jun-14	Quarterly	13.1	1.3	2.1	4.2	8.1	7.3	3.8	580.0	46.0	<1	0.2	
		23-Sep-14	Quarterly	13.1	2.3	2.1	4.2	8.4	7.3	4.0	570.0	51.0	<10 NBO	0.5	
		10-Dec-14	Quarterly	13.1	1.3	2.1	3.6	9.3	7.3	3.7	540.0	55.0	3000.0	0.3	
		17-Mar-15	Quarterly	13.1	1.4	2.1	4.5	9.9	7.4	4.3	550.0	51.0	3200.0	0.3	
		30-Jun-15	Quarterly	12.8	1.1	2.0	3.8	10.0	7.3	4.1	530.0	53.0	200 (appx) NBO	0.3	
		07-Oct-15	Quarterly	13.4	1.1	2.4		11.0		3.6	550.0	57.0	<1	0.2	
		16-Feb-16	Quarterly	13.6	1.2	2.1	3.7	12.0	7.6	4.1	550.0	55.0	<20	4.6	
		21-Mar-16	Quarterly	13.8	0.9	2.2	3.9	13.0	7.5	4.9	620.0	62.0	<20	2.2	
04-Jul-16	Quarterly	13.4	1.1	2.2	4.5	14.0	7.2	4.3	590.0	55.0	<200	0.8			

MB4	E 518560 / N 6509440	12-Oct-16	Quarterly	13.5	0.9	2.1	3.7	12.0	7.6	4.2	520.0	54.0	<20	0.2
		16-May-17	Quarterly	12.9	1.2	2.0	3.7	11.0	7.7	3.7	560.0	57.0	<20	0.2
		20-Jun-17	Quarterly	13.0	1.1	2.1	3.8	12.0	7.3	4.2	500.0	50.0	<20	0.5
		26-Sep-17	Quarterly	13.0	1.2	2.0	4.1	11.0	7.6	3.8	540.0	52.0	<10	0.4
		25-Jan-18	Quarterly	13.2	1.0	2.1	3.6	10.0	7.7	4.0	450.0	47.0	13000.0	0.3
		01-May-18	Quarterly	13.1	1.0	2.0	3.7	9.1	7.6	3.8	540.0	56.0	<10	0.2
		19-Jun-18	Quarterly	13.1	1.0	2.3	4.1	9.7	7.1	4.5	640.0	63.0	<1	0.2
		06-Nov-18	Quarterly	13.1	1.4	2.2	4.7	9.7	7.3	4.2	650.0	57.0	<20	0.2
		09-Apr-19	Quarterly	13.1	1.2	2.4	5.4	9.4	7.3	4.4	530.0	45.0	<1	0.2
		24-Jun-19	Quarterly	13.125	1	2.4	4.5	10	7.1	4.1	490	46	<10	0.1
		10-Feb-21	Quarterly	13.879	0.9	2.2	3.5	8.5	7.2	3.2	500	52	<100 NBO	0.1
		04-May-21	Quarterly	13.812	1.1	2.1	4.3	9.6	7.4	3.7	480	46	<10	0.4
		13-Jul-21	Quarterly	13.650	1	2.3	4	9.5	7.4	4	350	35	<20	0.2
		19-Oct-21	Quarterly	13.756	1	2.4	1	9.8	7.7	4	520	49	<20	0.3
		07-Mar-22	Quarterly	13.770	1	2.3	5	9	7.3	4	530	49	<1	0.1
19-Jul-22	Quarterly	13.479	0.9	2.5	4	8.4	7.1	4	530	52	10A	0.1		
			Minimum	13.5	0.9	2.3	1.0	8.4	7.1	4.0	350.0	35.0	0.0	0.1
		2021 - 2022	Maximum	13.8	1.0	2.5	5.0	9.8	7.7	4.0	530.0	52.0	0.0	0.3
			Average	13.7	1.0	2.4	3.5	9.2	7.4	4.0	482.5	46.3	0.0	0.2
MB5	E 520385 / N 6510111	13-Nov-12	Quarterly	15.8	140.0	16.3	290.0	6.5	7.1	18.0	4100.0	45.0	70	0.6
		02-Apr-12	Quarterly	15.9	140.0	17.3	280.0	6.5	6.6	18.0	4200.0	47.0	<10	<0.05
		05-Aug-13	Quarterly	15.9	140.0	18.0	280.0	6.2	6.9	22.0	4500.0	50.0	<10	<0.05
		05-Nov-13	Quarterly	15.9	160.0	19.0	330.0	6.8	8.3	18.0	4300.0	44.0	<1	0.1
		17-Feb-14	Quarterly	15.8	160.0	19.0	320.0	7.6	6.9	20.0	5100.0	52.0	<1	<0.005
		11-Jun-14	Quarterly	16.0	170.0	18.0	360.0	6.8	6.9	19.0	5400.0	17.0	2.0	<0.005
		23-Sep-14	Quarterly	15.9	180.0	18.0	430.0	6.8	6.9	21.0	5100.0	51.0	1 (appx) NBO	0.050
		10-Dec-14	Quarterly	15.9	190.0	19.0	410.0	6.9	6.9	20.0	5900.0	54.0	<10	<0.05
		17-Mar-15	Quarterly	15.9	150.0	19.0	350.0	6.2	7.0	25.0	4800.0	49.0	1400 NBO	<0.05
		30-Jun-15	Quarterly	15.4	160.0	18.0	350.0	6.3	7.8	25.0	5000.0	50.0	<10000 NBO	0.3
		08-Oct-15	Quarterly	16.0	140.0	18.0		6.5		20.0	4700.0	50.0	<1 NBO	<0.05
		16-Feb-16	Quarterly	16.1	170.0	21.0	380.0	5.9	7.6	25.0	5400.0	52.0	<20	3.6
		21-Mar-16	Quarterly	16.0	180.0	21.0	390.0	6.0	7.5	31.0	6100.0	58.0	<20	1.5
		04-Jul-16	Quarterly	15.9	170.0	18.0	380.0	6.5	7.1	24.0	5400.0	52.0	<200	0.8
		12-Oct-16	Quarterly	15.8	190.0	20.0	390.0	5.6	7.3	28.0	5000.0	47.0	<20	0.2
		16-May-17	Quarterly	15.9	170.0	18.0	340.0	5.7	7.0	23.0	5700.0	57.0	50.0	0.8
		20-Jun-17	Quarterly	16.0	200.0	21.0	420.0	5.5	7.1	29.0	5700.0	53.0	<20	0.3
		26-Sep-17	Quarterly	16.0	220.0	22.0	450.0	5.0	7.0	28.0	5300.0	47.0	<10	0.3
		25-Jan-18	Quarterly	15.9	210.0	24.0	440.0	4.9	7.1	30.0	5600.0	50.0	540 (appx)	0.1
		01-May-18	Quarterly	16.0	230.0	24.0	490.0	4.4	7.0	32.0	6100.0	51.0	<1 NBO	0.1
		19-Jun-18	Quarterly	16.1	180.0	21.0	380.0	5.5	6.9	28.0	5500.0	53.0	<10	0.3
		06-Nov-18	Quarterly	16.0	170.0	20.0	370.0	5.6	7.1	26.0	6300.0	61.0	<20	0.4
		09-Apr-19	Quarterly	16.0	180.0	21.0	390.0	4.4	7.1	21.0	4600.0	43.0	<10	0.1
		24-Jun-19	Quarterly	16.001	180	21.0	370	5.6	6.9	25	4200	40	<1	0.07
10-Feb-21	Quarterly	16.337	210	22.0	470	4.4	6.8	22	4800	41	<100	<0.05		
04-May-21	Quarterly	16.244	190	21.0	420	5.3	7.0	22	4300	40	<20 MPN/100ml	0.5		
13-Jul-21	Quarterly	16.039	180	22.0	410	4.9	7.2	22	4600	43	<20	0.8		
19-Oct-21	Quarterly	16.121	180	22.0	180	4.8	7.3	22	4600	44	<20	0.2		
07-Mar-22	Quarterly	16.182	190	21.0	400	4.8	7.0	20	4100	38	<1	0.07		
19-Jul-22	Quarterly	16.106	160	23.0	330	4.4	6.9	21	4700	48	<10	0.09		
			Minimum	16.0	160.0	21.0	180.0	4.4	6.9	20.0	4100.0	38.0	0.0	0.1
		2021 - 2022	Maximum	16.2	190.0	23.0	410.0	4.9	7.3	22.0	4700.0	48.0	0.0	0.8
			Average	16.1	177.5	22.0	330.0	4.7	7.1	21.3	4500.0	43.3	0.0	0.3

03. Soil monitoring points 11,12,13 (SL1,SL2,SL3 - refers on map) - Sampling Annually

Sample ID	Sample Location Refer map titled "SAMPLING POINTS NYNGAN REUSE SCHEME"	Sampling Date	Sampling frequency	Available phosphorous (Cowell)	Available phosphorous (Bray)	Cation exchange capacity (meq/100g)	Conductivity (µS/cm)	Exchangeable aluminium (meq/100g)	Exchangeable calcium (meq/100g)	Exchangeable magnesium (meq/100g)	Exchangeable potassium (meq/100g)	Exchangeable sodium (meq/100g)	Exchangeable sodium percentage (%)	Nitrogen (total)	Organic carbon (%)	pH	Phosphorous (total)	Phosphorous sorption capacity (one point)
Acceptable range EQL				10	1	1	1	0.1	0.1	0.1	0.1	0.1	1	10	0.1	n/a	10	1
SL1	E 519335/ N 6510123	14-Mar-11	Annually	4097	41	8.8	170	<0.01	4.7	1.9	2.1	0.12	1.4	1000	1.10	6.3	420	12.6
	E 519335/ N 6510123	13-Nov-12	Annually	62	74	7.3	190	<0.1	3.8	1.6	1.5	0.47	6.4	970	1.60	7.8	310	2.7
	E 519335/ N 6510123	17-Feb-14	Annually	92	90	10	270	<0.1	5.2	2	2.4	0.73	7.1	1300	1.70	7	540	
	E 519335/ N 6510123	18-Mar-15	Annually	87	59	5.3	530	<0.1	2.7	1.1	1.2	0.25	5	1600	1.50	7.4	370	
	E 519335/ N 6510123	16-Feb-16	Annually	170	100	10	940	<0.1	4.9	2.4	2.5	0.24	2	1400	1.50	7.9	570	400
	E 519335/ N 6510123	20-Jun-17	Annually	110	75	11	310	<0.1	4.9	2.4	2.6	0.65	6	1200	1.40	7.2	570	320
	E 519335/ N 6510123	01-May-18	Annually	69.8	72.4	14	480	<0.1	7.9	2.9	2.5	0.63	5	1400	1.70	8.0	570	417
E 519335/ N 6510123	24-Jun-19	Annually	72	33	9.4	480	<0.1	4.5	2.4	1.7	0.77	8	1000	0.81	7.0	105	310	

2017-18 Effluent Discharge Sampling Results

Sample ID	Sample Location Refer map titled "SAMPLING POINTS NYNGAN REUSE SCHEME"	Sampling Date	Sampling frequency	Biochemical oxygen demand	Nitrogen (total)	Oil and grease	Phosphorous (total)	Total suspended solids	Amonia as N	Faecal Coliforms (CFU- Colony forming units/100 mL)	NBO - Noted Background Organisam	pH (Field)
Environment Protection				0-30 mg/L	0-15 mg/L	0-10 mg/L	0-10 mg/L	0-30 mg/L	5 mg/L	200 CFU/100 mL		6.5-8.5
EDP1	Effluent reuse pond	26-Sep-17	Quarterly	5.0	7.3	<5	5.4	16.0	3.1	18.0		8.7
		25-Jan-18	Quarterly	5.0	5.7	<5	2.1	78.0	0.0	1000.0		9.4
		01-May-18	Quarterly	58.0	9.7	<5	3.6	110.0	0.0	20.0		9.5
		19-Jun-18	Quarterly	66.0	7.6	<5	5.3	39.0	1.8	1000.0		8.5
			Minimum	5.0	5.7	<5	2.1	16.0	0.0	18.0		8.5
			Maximum	66.0	9.7	<5	5.4	110.0	3.1	1000.0		9.5
	Average	33.5	7.6	<5	4.1	60.8	1.2	509.5		9.0		
Total number of scheduled samples				4	4	4	4	4	4	4		4
Total number of complying samples				2	4	4	4	1	4	2		1.0
90th percentile concentration limits				50%	100%	100%	100%	25%	100%	50%		25%

50th Percentile limit is considered for overall result **75%**

Source : EPA testing results