



EPA ID	Frequency Required	Monitoring Point Name	Day	Month	Year	Soil depth mm	Phosphorus P mg/kg	Phosphorus P (mg/kg) Colwell (Raymond and Lynch)	Nitrate Nitrogen NO3 mg/kg	Ammonia Nitrogen NH3 mg/kg	pH	Conductivity EC dS/m	Organic Matter OMt	Calcium Ca mg/kg	Magnesium Mg mg/kg	Potassium K cmol/kg	Sodium Na cmol/kg	Exchangeable Cation Percentage %	Aluminum Al cmol/kg	Effective Cation Exchange Capacity ccm/kg	Calcium/Magnesium Ratio Ca/Mg	Total Carbon TC %	Total Nitrogen TN %	Carbon/Nitrogen Ratio C/N	Chloride Cl mg/kg	Total Organic Carbon TOC %	Dry Bulk Density g/cm <sup>3</sup>	Dry Bulk Density g/cm <sup>3</sup>		
N/A	Annual	Windmill Sub Soil	25	January	2017	100-100	1.500	1.000	7.900	0.052	2.000	33.150	30.770	0.310	1.270	0.030	0.030	61.300	1.150	0.090	12.400	30.700	34.000	3.100	13.000	34.000	11.00	0.720		
N/A	Annual	Windmill Sub Soil	25	January	2017	SUB 100-900	2.300	0.700	8.000	0.062	1.200	34.150	30.940	0.240	1.470	0.040	0.040	66.340	1.000	0.720	0.050	13.700	17.000	0.720	13.000	17.000	23.00	0.720		
N/A	Annual	Top Waterworks Top Soil	25	January	2017	TOP 0-300	19.200	13.100	3.700	6.900	0.098	1.100	37.200	21.800	0.240	2.100	0.030	0.030	61.800	1.700	1.760	0.130	13.000	29.000	1.700	13.000	29.000	11.00	0.720	
N/A	Annual	Top Waterworks Sub Soil	25	January	2017	SUB 100-900	4.100	3.900	1.100	7.900	0.141	2.000	31.900	21.900	0.190	1.100	0.030	0.030	61.190	1.400	1.400	0.100	12.700	22.000	1.400	12.700	22.000	11.00	0.720	
N/A	Annual	Top House Top Soil	25	January	2017	TOP 0-300	2.000	2.000	1.200	7.730	0.048	1.400	35.830	22.870	0.170	1.370	0.020	0.020	60.160	1.400	0.900	0.070	12.700	22.000	0.900	12.700	22.000	11.00	0.720	
N/A	Annual	Top House Sub Soil	25	January	2017	SUB 100-900	0.600	0.600	1.000	8.000	0.100	1.000	31.000	21.000	0.100	1.000	0.020	0.020	61.700	1.000	1.000	0.060	12.700	22.000	1.000	12.700	22.000	11.00	0.720	
N/A	Annual	Out Padlock Top Soil	25	January	2017	TOP 0-300	22.500	15.500	7.900	0.114	2.000	33.670	21.470	0.220	2.000	0.030	0.030	61.500	1.400	1.100	0.130	12.400	46.000	1.400	12.400	46.000	11.00	0.720		
N/A	Annual	Out Padlock Sub Soil	25	January	2017	SUB 100-900	3.900	4.800	1.400	7.660	0.079	1.800	36.260	27.320	0.190	2.170	0.040	0.040	66.170	1.300	1.030	0.080	12.800	33.000	1.030	12.800	33.000	11.00	0.720	
N/A	Annual	Newtons Top Soil	25	January	2017	TOP 0-300	13.400	12.200	3.900	6.900	0.082	3.000	31.400	20.900	0.420	1.170	0.030	0.030	61.000	3.900	3.930	0.140	13.000	18.000	3.930	13.000	18.000	11.00	0.720	
N/A	Annual	Newtons Sub Soil	25	January	2017	SUB 100-900	13.400	1.200	7.400	0.068	1.700	30.300	43.180	0.390	2.250	0.030	0.030	75.150	1.400	1.060	0.060	12.800	15.000	1.060	12.800	15.000	11.00	0.720		
N/A	Annual	Muggletons Top Soil	25	January	2017	TOP 0-300	4.700	1.300	2.600	7.510	0.063	3.000	37.720	21.170	0.460	1.150	0.040	0.040	62.730	1.300	1.760	0.130	13.400	38.000	1.760	13.400	38.000	11.00	0.720	
N/A	Annual	Muggletons Sub Soil	25	January	2017	SUB 100-900	1.500	0.300	0.800	8.100	0.062	1.700	39.620	24.000	0.200	1.850	0.030	0.030	65.480	1.700	1.030	0.080	13.000	32.000	1.030	13.000	32.000	11.00	0.720	
N/A	Annual	Lucerne Top Soil	25	January	2017	TOP 0-300	6.400	5.700	3.800	5.990	0.048	3.000	12.970	10.940	0.210	0.380	0.070	0.070	24.330	1.300	1.740	0.130	13.700	31.000	1.740	13.700	31.000	11.00	0.720	
N/A	Annual	Lucerne Sub Soil	25	January	2017	SUB 100-900	0.200	1.200	0.800	7.510	0.040	1.900	26.370	15.230	0.140	1.440	0.030	0.030	61.230	1.200	1.050	0.060	16.800	27.000	1.050	16.800	27.000	11.00	0.720	
N/A	Annual	Wetlands Top Soil	25	January	2017	TOP 0-300	1.000	1.900	3.600	7.100	0.017	2.400	23.780	16.720	0.170	0.210	0.040	0.040	41.870	1.100	1.430	0.110	13.000	47.000	1.430	13.000	47.000	11.00	0.720	
N/A	Annual	Wetlands Sub Soil	25	January	2017	SUB 100-900	0.100	0.700	0.800	7.460	0.020	1.100	21.020	16.770	0.100	0.230	0.020	0.020	38.070	1.300	0.620	0.050	11.800	61.000	0.620	11.800	61.000	11.00	0.720	
N/A	Annual	Hill Top Top Soil	25	January	2017	TOP 0-300	23.800	3.200	3.400	6.720	0.084	2.000	27.050	19.630	0.200	2.920	0.030	0.030	58.840	1.400	1.560	0.100	13.000	37.000	1.560	13.000	37.000	11.00	0.720	
N/A	Annual	Hill Top Sub Soil	25	January	2017	SUB 100-900	6.100	1.300	1.800	8.610	0.092	1.600	34.060	21.120	0.390	3.050	0.040	0.040	61.160	1.500	0.850	0.080	16.800	34.000	0.850	16.800	34.000	11.00	0.720	
N/A	Annual	Hatched Top Soil	25	January	2017	TOP 0-300	16.300	17.100	2.400	6.880	0.090	3.000	37.000	24.870	0.340	1.720	0.050	0.050	64.210	1.500	2.010	0.130	15.000	30.000	2.010	15.000	30.000	11.00	0.720	
N/A	Annual	Hatched Sub Soil	25	January	2017	SUB 100-900	11.000	8.200	2.800	6.840	0.100	2.700	38.840	21.950	0.310	1.760	0.030	0.030	61.190	1.500	1.560	0.110	14.000	30.000	1.560	14.000	30.000	11.00	0.720	
N/A	Annual	Gum Flat Road Top Soil	25	January	2017	TOP 0-300	16.300	30.800	2.800	5.700	0.105	2.400	14.290	16.010	0.670	1.440	0.140	0.140	39.660	0.800	1.460	0.110	12.800	40.000	1.460	12.800	40.000	11.00	0.720	
N/A	Annual	Gum Flat Road Sub Soil	25	January	2017	SUB 100-900	0.600	1.900	1.000	8.300	0.075	1.100	12.490	12.760	0.360	1.860	0.030	0.030	67.840	0.600	0.780	0.040	14.000	42.000	0.780	14.000	42.000	11.00	0.720	
N/A	Annual	Gum Flat Cultivation Top Soil	25	January	2017	TOP 0-300	0.600	2.700	0.800	7.330	0.048	1.400	14.080	14.210	0.300	1.130	0.030	0.030	29.720	1.000	0.870	0.050	16.700	22.000	0.870	16.700	22.000	11.00	0.720	
N/A	Annual	Gum Flat Cultivation Sub Soil	25	January	2017	TOP 0-300	28.100	9.600	3.000	5.790	0.066	3.000	12.340	16.900	0.250	0.250	0.030	0.030	23.190	1.300	2.170	0.150	14.400	19.000	2.170	14.400	19.000	11.00	0.720	
N/A	Annual	Cultivation Top Soil	25	January	2017	TOP 0-300	14.800	2.000	1.700	7.910	0.085	1.900	32.890	19.890	0.260	2.920	0.030	0.030	61.110	1.600	1.100	0.060	15.700	39.000	1.100	15.700	39.000	11.00	0.720	
N/A	Annual	Cultivation Sub Soil	25	January	2017	SUB 100-900	3.200	0.700	0.600	8.790	0.068	1.100	32.610	19.470	0.240	2.660	0.030	0.030	54.950	1.700	0.720	0.060	14.400	48.000	0.720	14.400	48.000	11.00	0.720	
N/A	Annual	Bottom Waterworks Top Soil	25	January	2017	TOP 0-300	8.600	2.100	2.900	6.840	0.142	1.900	37.210	24.800	0.220	0.900	0.040	0.040	61.550	1.400	2.220	0.100	13.000	44.000	2.220	13.000	44.000	11.00	0.720	
N/A	Annual	Bottom Waterworks Sub Soil	25	January	2017	SUB 100-900	23.700	2.100	6.300	6.300	0.109	3.400	36.410	23.150	0.250	2.400	0.040	0.040	60.470	1.500	1.360	0.140	13.000	41.000	1.360	13.000	41.000	11.00	0.720	
N/A	Annual	Back Gravel Top Soil	25	January	2017	TOP 0-300	39.900	9.600	4.000	5.940	0.073	1.700	9.940	8.960	0.670	0.640	0.130	0.130	18.870	1.400	2.210	0.160	12.800	27.000	2.210	12.800	27.000	11.00	0.720	
N/A	Annual	Back Gravel Sub Soil	25	January	2017	SUB 100-900	0.200	0.200	2.400	7.430	0.047	1.000	29.047	11.400	0.047	1.000	0.030	0.030	41.130	0.200	0.440	0.040	14.000	12.000	0.440	14.000	12.000	11.00	0.720	
N/A	Annual	Back Corner Top Soil	25	January	2017	TOP 0-300	0.700	11.000	2.800	7.130	0.075	2.000	22.680	24.800	0.210	1.580	0.040	0.040	48.570	0.800	1.120	0.080	13.000	49.000	1.120	13.000	49.000	11.00	0.720	
N/A	Annual	Back Corner Sub Soil	25	January	2017	SUB 100-900	0.200	0.700	1.400	7.640	0.069	1.100	22.740	16.740	0.180	1.100	0.030	0.030	34.250	0.700	0.700	0.030	11.000	36.000	0.700	11.000	36.000	11.00	0.720	
N/A	Annual	3 Dams Top Soil	25	January	2017	TOP 0-300	8.000	3.076	3.000	6.976	0.076	2.000	31.300	22.480	0.200	1.400	0.030	0.030	61.300	1.400	1.400	0.100	13.000	34.000	1.400	13.000	34.000	11.00	0.720	
N/A	Annual	3 Dams Sub Soil	25	January	2017	SUB 100-900	4.000	2.500	1.100	7.800	0.073	1.400	31.610	24.480	0.200	2.410	0.050	0.050	66.780	1.400	0.800	0.060	14.000	31.000	0.800	14.000	31.000	11.00	0.720	
N/A	Annual	Muggletons Top Soil	31	January	2018	TOP 0-300	21.000	2.400	1.700	7.510	0.076	2.000	29.750	21.920	0.200	1.170	2.117	0.030	0.030	61.290	1.400	1.220	0.080	14.200	34.000	1.220	14.200	34.000	11.00	0.720
N/A	Annual	Muggletons Sub Soil	31	January	2018	SUB 100-900	1.100	2.000	2.100	8.240	0.113	1.700	39.440	27.830	0.240	1.970	0.040	0.040	69.490	1.200	0.990	0.120	11.000	62.000	0.990	11.000	62.000	11.00	0.720	
N/A	Annual																													