

105 Devon Road



13. House observed onsite, anecdotally serviced by an underground septic tank.



14. Dark staining on shed floor, adjacent a compressor. A strong hydrocarbon odour was noted.



15. Diesel-powered tractor observed in shed.



16. Aboveground storage tank, which appeared to be for fuel storage.



17. Toilet cubicle containing suspected ACM.



18. Flower nurseries onsite.



19. Dead vegetation observed in flower nurseries onsite.



20. Drainage channel onsite.

Appendix F

Chemistry Tables

	Organic				Inorganics										Metals			
	Total Organic Carbon	Conductivity (1:5 aqueous extract)	Cation Exchange Capacity	Cyanide (Free)	Moisture Content (dried @ 103°C)	Iron (%)	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (hexavalent)	Chromium (II+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	
	%	µS/cm	meq/100g	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	
EQI	0.1	10	0.5	5	1	0.01	2	10	2	10	0.4	1	5	5	5	5	20	
CRC Care HSL-A Residential (Low Density)																		
NEPM 2013 Table 1A(1) HILs Res A Soil				250			100		60	4,500	20	100			100	6,000		
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt																		
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space							100						280			120		
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil																		
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil																		
PFAS NEMP 2025 Ecological indirect exposure - all land uses																		
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)																		

Field ID	Date	Lab Report Number																	
SS01	27 Oct 2025	1287403	-	-	-	-	2.5	-	7.4	70	<2	30	0.8	<1	240	240	7.7	120	-
SS02	27 Oct 2025	1287403	4.5	25	6.3	<5	25	0.40	<2	-	<2	<10	<0.4	<1	<5	-	<5	13	4,000
SS03	27 Oct 2025	1287403	-	-	-	-	8.2	-	5.0	71	<2	<10	<0.4	<1	19	19	6.2	18	-
SS04	27 Oct 2025	1287403	-	-	-	-	20	-	<2	22	<2	<10	<0.4	<1	<5	<5	<5	24	-
SS05	27 Oct 2025	1287403	2.9	830	7.8	<5	26	0.43	<2	-	<2	<10	<0.4	<1	<5	-	<5	11	4,300
SS06	27 Oct 2025	1287403	-	-	-	-	26	-	2.4	31	<2	21	<0.4	<1	5.0	5.0	<5	33	-
SS07	27 Oct 2025	1287403	-	-	-	-	24	-	3.1	26	<2	<10	<0.4	<1	7.3	7.3	<5	29	-
SS08	27 Oct 2025	1287403	-	-	-	-	14	-	2.1	15	<2	<10	<0.4	<1	11	11	<5	13	-
SS09	27 Oct 2025	1287403	1.5	910	8.9	<5	1.2	0.08	<2	-	<2	<10	<0.4	<1	<5	-	<5	7.3	760

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
- 2013, NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

	Lead	Manganese	Mercury	Nickel	Selenium	Vanadium	Zinc	Acid Sulphate Soils pH (CaCl2)	TRH						
									C6-C10 Fraction (F1)	C6-C10 (F1 minus BTEX)	>C10-C16 Fraction (F2)	>C10-C16 Fraction (F2 minus Naphthalene)	>C16-C34 Fraction (F3)	>C34-C40 Fraction (F4)	>C10-C40 Fraction (Sum)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	0.1	5	2	10	5	0.1	20	20	50	50	100	100	100
CRC Care HSL-A Residential (Low Density)									4,400		3,300		4,500	6,300	
NEPM 2013 Table 1A(1) HILs Res A Soil	300	3,800	40	400	200		7,400								
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt									40 65 100 190			230 NL NL NL			
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space	1,100			100			240								
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil									180	120	120	1,300	5,600		
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil									800		1,000	3,500	10,000		
PFAS NEMP 2025 Ecological indirect exposure - all land uses															
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)															

Field ID	Date	Lab Report Number	Lead	Manganese	Mercury	Nickel	Selenium	Vanadium	Zinc	Acid Sulphate Soils pH (CaCl2)	C6-C10 Fraction (F1)	C6-C10 (F1 minus BTEX)	>C10-C16 Fraction (F2)	>C10-C16 Fraction (F2 minus Naphthalene)	>C16-C34 Fraction (F3)	>C34-C40 Fraction (F4)	>C10-C40 Fraction (Sum)
SS01	27 Oct 2025	1287403	31	500	<0.1	150	-	11	460	-	<20	<20	74	74	60,000	13,000	73,074
SS02	27 Oct 2025	1287403	19	38	<0.1	<5	<2	-	73	4.8	<20	<20	950	950	9,300	430	10,680
SS03	27 Oct 2025	1287403	14	110	<0.1	10.0	-	23	56	-	<20	<20	<50	<50	<100	<100	<100
SS04	27 Oct 2025	1287403	<5	150	<0.1	5.2	-	<10	98	-	<20	<20	<50	<50	<100	<100	<100
SS05	27 Oct 2025	1287403	15	62	<0.1	<5	<2	-	110	5.9	<20	<20	<50	<50	<100	<100	<100
SS06	27 Oct 2025	1287403	6.1	260	<0.1	5.1	-	<10	170	-	<20	<20	<50	<50	<100	<100	<100
SS07	27 Oct 2025	1287403	7.4	170	<0.1	7.2	-	11	120	-	<20	<20	<50	<50	<100	<100	<100
SS08	27 Oct 2025	1287403	<5	89	<0.1	<5	-	12	56	-	<20	<20	<50	<50	<100	<100	<100
SS09	27 Oct 2025	1287403	<5	61	<0.1	<5	<2	-	41	6.5	<20	<20	<50	<50	<100	<100	<100

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
- 2013, NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

	TPH					BTEXN								Acenaphthene	Acenaphthylene
	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum)	Benzene	Toluene	Ethylbenzene	Naphthalene	Xylene (m & p)	Xylene (o)	Xylene Total	Naphthalene (VOC)		
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQI	20	20	50	50	50	0.1	0.1	0.1	0.5	0.2	0.1	0.3	0.5	0.5	0.5
CRC Care HSL-A Residential (Low Density)						100	14,000	4,500	1,400			12,000	1,400		
NEPM 2013 Table 1A(1) HILs Res A Soil															
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt						0.6 0.7 1 2	390 NL NL NL	NL NL NL NL	4 NL NL NL			95 210 NL NL	4 NL NL NL		
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space									170				170		
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil						65	105	125				45			
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil															
PFAS NEMP 2025 Ecological indirect exposure - all land uses															
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)															

Field ID	Date	Lab Report Number	<20	30	30,000	38,000	68,030	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5
SS01	27 Oct 2025	1287403	<20	30	30,000	38,000	68,030	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5
SS02	27 Oct 2025	1287403	<20	170	9,400	830	10,400	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5
SS03	27 Oct 2025	1287403	<20	<20	<50	50	50	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5
SS04	27 Oct 2025	1287403	<20	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5
SS05	27 Oct 2025	1287403	<20	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5
SS06	27 Oct 2025	1287403	<20	<20	<50	100	100	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5
SS07	27 Oct 2025	1287403	<20	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5
SS08	27 Oct 2025	1287403	<20	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5
SS09	27 Oct 2025	1287403	<20	<20	<50	<50	<50	<0.1	<0.1	<0.1	<0.5	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
- 2013, NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

	PAH																
	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CRC Care HSL-A Residential (Low Density)																	
NEPM 2013 Table 1A(1) HILs Res A Soil														3	3	3	300
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt																	
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space																	
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil			0.7														
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil																	
PFAS NEMP 2025 Ecological indirect exposure - all land uses																	
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)																	

Field ID	Date	Lab Report Number	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Zero)	PAHs (Sum of total)
SS01	27 Oct 2025	1287403	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5
SS02	27 Oct 2025	1287403	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	0.6	1.2	<0.5	1.1
SS03	27 Oct 2025	1287403	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5
SS04	27 Oct 2025	1287403	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5
SS05	27 Oct 2025	1287403	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5
SS06	27 Oct 2025	1287403	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5
SS07	27 Oct 2025	1287403	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5
SS08	27 Oct 2025	1287403	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5
SS09	27 Oct 2025	1287403	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
- 2013, NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

	Organophosphorous Pesticid																
	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
CRC Care HSL-A Residential (Low Density)																	
NEPM 2013 Table 1A(1) HILs Res A Soil					160												
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt																	
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space																	
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil																	
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil																	
PFAS NEMP 2025 Ecological indirect exposure - all land uses																	
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)																	

Field ID	Date	Lab Report Number	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion
SS01	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SS02	27 Oct 2025	1287403	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-
SS03	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SS04	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SS05	27 Oct 2025	1287403	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-
SS06	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SS07	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SS08	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SS09	27 Oct 2025	1287403	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
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- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

	es															Pesti	
	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos	Bifenthrin	Mirex
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05
CRC Care HSL-A Residential (Low Density)																	
NEPM 2013 Table 1A(1) HILs Res A Soil																600	10
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt																	
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space																	
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil																	
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil																	
PFAS NEMP 2025 Ecological indirect exposure - all land uses																	
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)																	

Field ID	Date	Lab Report Number	Fenthion	EPN	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos	Bifenthrin	Mirex
SS01	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-
SS02	27 Oct 2025	1287403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05
SS03	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-
SS04	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-
SS05	27 Oct 2025	1287403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05
SS06	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-
SS07	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-
SS08	27 Oct 2025	1287403	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-
SS09	27 Oct 2025	1287403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
- 2013, NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

	Pesticides		Other	Particle Size	PFAS	Perfluoroalkane Carboxylic Acids	Perfluoroalkane Sulfonic Acids		Phenols					(n:2) Fluorotelomer Sulfonic Acids	Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic
	Parathion	Pirimiphos-methyl	Actril (loxynil)	% Clay*	Sum of PFHxS and PFOS	Perfluorooctanoic acid (PFOA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorooctane sulfonic acid (PFOS)	3&4-Methylphenol (m&p-cresol)	2-Methylphenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	Phenol	6:2 Fluorotelomer sulfonic acid (6:2 FTS)		
	mg/kg	mg/kg	mg/kg	%	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.5	2.5	5	5	5	5	0.4	0.2	0.5	1	0.5	10	0.1	0.1
CRC Care HSL-A Residential (Low Density)																
NEPM 2013 Table 1A(1) HILs Res A Soil												100	3,000			
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt																
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space																
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil																
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil																
PFAS NEMP 2025 Ecological indirect exposure - all land uses								3								
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)					3	60	3	3								

Field ID	Date	Lab Report Number	Parathion	Pirimiphos-methyl	Actril (loxynil)	% Clay*	Sum of PFHxS and PFOS	Perfluorooctanoic acid (PFOA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorooctane sulfonic acid (PFOS)	3&4-Methylphenol (m&p-cresol)	2-Methylphenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	Phenol	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic
SS01	27 Oct 2025	1287403	<0.2	<0.2	<0.5	-	<5	<5	<5	<5	-	-	<0.5	-	-	<10	<0.1	<0.1
SS02	27 Oct 2025	1287403	-	-	-	<2.5	<5	<5	<5	<5	<0.4	<0.2	-	<1	<0.5	<10	-	-
SS03	27 Oct 2025	1287403	<0.2	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	<0.1	<0.1
SS04	27 Oct 2025	1287403	<0.2	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	<0.1	<0.1
SS05	27 Oct 2025	1287403	-	-	-	<2.5	<5	<5	<5	<5	<0.4	<0.2	-	<1	<0.5	<10	-	-
SS06	27 Oct 2025	1287403	<0.2	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	<0.1	<0.1
SS07	27 Oct 2025	1287403	<0.2	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	<0.1	<0.1
SS08	27 Oct 2025	1287403	<0.2	<0.2	<0.5	-	<5	<5	<5	<5	-	-	<0.5	-	-	<10	<0.1	<0.1
SS09	27 Oct 2025	1287403	-	-	-	<2.5	-	-	-	-	<0.4	<0.2	-	<1	<0.5	-	-	-

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
- 2013, NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

	Organochlorine Pesticides																	
	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQI	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care HSL-A Residential (Low Density)																		
NEPM 2013 Table 1A(1) HILs Res A Soil				6		50				240						10		
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt																		
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space									180									
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil																		
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil																		
PFAS NEMP 2025 Ecological indirect exposure - all land uses																		
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)																		

Field ID	Date	Lab Report Number	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	
SS01	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SS02	27 Oct 2025	1287403	<0.05	-	<0.05	<0.05	-	<0.1	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
SS03	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SS04	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SS05	27 Oct 2025	1287403	<0.05	-	<0.05	<0.05	-	<0.1	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
SS06	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SS07	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SS08	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SS09	27 Oct 2025	1287403	<0.05	-	<0.05	<0.05	-	<0.1	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
- 2013, NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

						Halogenated Benzenes	PCBs										
	γ-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	Hexachlorobenzene	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	2,4,5-Trichlorophenoxy Acetic Acid	2,4,5-TP (Silvex)	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQI	0.05	0.05	0.05	0.05	0.5	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	
CRC Care HSL-A Residential (Low Density)																	
NEPM 2013 Table 1A(1) HILs Res A Soil		6		300	20	10								1	600		
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt																	
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space																	
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil																	
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil																	
PFAS NEMP 2025 Ecological indirect exposure - all land uses																	
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)																	

Field ID	Date	Lab Report Number	γ-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	Hexachlorobenzene	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	2,4,5-Trichlorophenoxy Acetic Acid	2,4,5-TP (Silvex)
SS01	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	-	-	-	-	-	-	-	-	<0.5	<0.5
SS02	27 Oct 2025	1287403	-	<0.05	-	<0.05	<0.5	<0.05	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	-
SS03	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	-	-	-	-	-	-	-	-	<0.5	<0.5
SS04	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	-	-	-	-	-	-	-	-	<0.5	<0.5
SS05	27 Oct 2025	1287403	-	<0.05	-	<0.05	<0.5	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
SS06	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	-	-	-	-	-	-	-	-	<0.5	<0.5
SS07	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	-	-	-	-	-	-	-	-	<0.5	<0.5
SS08	27 Oct 2025	1287403	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	-	-	-	-	-	-	-	-	<0.5	<0.5
SS09	27 Oct 2025	1287403	-	<0.05	-	<0.05	<0.5	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
- 2013, NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

	Herbicides									
	Hedonal	2,4-Dichlorprop	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Atrazine	Dicamba	Picloram	Dinoseb	2-Methyl-4-chlorophenoxyacetic acid	2-Methyl-4-Chlorophenoxy Butanoic Acid	Mecoprop
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5
CRC Care HSL-A Residential (Low Density)										
NEPM 2013 Table 1A(1) HILs Res A Soil	900			320		4,500		600	600	600
NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt										
NEPM 2013 Table 1B(5) Site Specific EIL - Urban Res & Public Open Space										
NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil										
NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil										
PFAS NEMP 2025 Ecological indirect exposure - all land uses										
PFAS NEMP 2025 Residential with Garden/Accessible Soil (HIL A)										

Field ID	Date	Lab Report Number	Hedonal	2,4-Dichlorprop	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Atrazine	Dicamba	Picloram	Dinoseb	2-Methyl-4-chlorophenoxyacetic acid	2-Methyl-4-Chlorophenoxy Butanoic Acid	Mecoprop
SS01	27 Oct 2025	1287403	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5
SS02	27 Oct 2025	1287403	<0.5	-	-	<0.2	-	<0.5	-	<0.5	<0.5	<0.5
SS03	27 Oct 2025	1287403	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5
SS04	27 Oct 2025	1287403	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5
SS05	27 Oct 2025	1287403	<0.5	-	-	<0.2	-	<0.5	-	<0.5	<0.5	<0.5
SS06	27 Oct 2025	1287403	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5
SS07	27 Oct 2025	1287403	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5
SS08	27 Oct 2025	1287403	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5
SS09	27 Oct 2025	1287403	<0.5	-	-	<0.2	-	<0.5	-	<0.5	<0.5	<0.5

Environmental Standards

- DoE, 2000, CRC Care HSL-A Residential (Low Density)
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Silt
- 2013, NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Fine Soil

Appendix G

EIL Calculations

pH	Hydronium ion concentration	Logarithmic mean	Arithmetic mean
4.8	1.58489E-05	5.36	5.73
5.9	1.25893E-06		
6.5	3.16228E-07		

Where:

Hydronium ion concentration = $1.0 * 10^{-\text{pH}}$ mol/L

Inputs	
Select contaminant from list below	
Cu	
Below needed to calculate fresh and aged ACLs	
Enter cation exchange capacity (silver thiourea method) (values from 0 to 100 cmolc/kg dwt)	
7.67	
Enter soil pH (calcium chloride method) (values from 1 to 14)	
5.36	
Enter organic carbon content (%OC) (values from 0 to 50%)	
2.97	
Below needed to calculate fresh and aged ABCs	
Measured background concentration (mg/kg). Leave blank if no measured value	
7.91	
or for fresh ABCs only	
Enter iron content (aqua regia method) (values from 0 to 50%) to obtain estimate of background concentration	
or for aged ABCs only	
Enter State (or closest State)	
VIC	
Enter traffic volume (high or low)	
high	

Outputs		
Land use	Cu soil-specific EILs (mg contaminant/kg dry soil)	
	Fresh	Aged
National parks and areas of high conservation value	35	45
Urban residential and open public spaces	70	120
Commercial and industrial	100	180

Inputs	
Select contaminant from list below	
Ni	
Below needed to calculate fresh and aged ACLs	
Enter cation exchange capacity (silver thiourea method) (values from 0 to 100 cmolc/kg dwt)	
7.67	
Below needed to calculate fresh and aged ABCs	
Measured background concentration (mg/kg). Leave blank if no measured value	
10.01	
or for fresh ABCs only	
Enter iron content (aqua regia method) (values from 0 to 50%) to obtain estimate of background concentration	
or for aged ABCs only	
Enter State (or closest State)	
VIC	
Enter traffic volume (high or low)	
high	

Outputs		
Land use	Ni soil-specific EILs (mg contaminant/kg dry soil)	
	Fresh	Aged
National parks and areas of high conservation value	15	25
Urban residential and open public spaces	40	100
Commercial and industrial	65	160

Inputs	
Select contaminant from list below	
Cr_III	
Below needed to calculate fresh and aged ACLs	
Enter % clay (values from 0 to 100%)	
2.5	
Below needed to calculate fresh and aged ABCs	
Measured background concentration (mg/kg). Leave blank if no measured value	
32.54	
or for fresh ABCs only	
Enter iron content (aqua regia method) (values from 0 to 50%) to obtain estimate of background concentration	
or for aged ABCs only	
Enter State (or closest State)	
VIC	
Enter traffic volume (high or low)	
high	

Outputs		
Land use	Cr III soil-specific EILs (mg contaminant/kg dry soil)	
	Fresh	Aged
National parks and areas of high conservation value	65	110
Urban residential and open public spaces	130	280
Commercial and industrial	200	450

Inputs	
Select contaminant from list below	
Zn	
Below needed to calculate fresh and aged ACLs	
Enter cation exchange capacity (silver thiourea method) (values from 0 to 100 cmolc/kg dwt)	
7.67	
Enter soil pH (calcium chloride method) (values from 1 to 14)	
5.36	
Below needed to calculate fresh and aged ABCs	
Measured background concentration (mg/kg). Leave blank if no measured value	
15.97	
or for fresh ABCs only	
Enter iron content (aqua regia method) (values from 0 to 50%) to obtain estimate of background concentration	
or for aged ABCs only	
Enter State (or closest State)	
VIC	
Enter traffic volume (high or low)	
high	

Outputs		
Land use	Zn soil-specific EILs	
	(mg contaminant/kg dry soil)	
	Fresh	Aged
National parks and areas of high conservation value	40	65
Urban residential and open public spaces	100	240
Commercial and industrial	150	360

Appendix H

Laboratory Transcripts



web: www.eurofins.com.au

email: EnviroSales@eurofinsanz.com

Melbourne
6 Monterey Road
Dandenong South
VIC 3175
+61 3 8564 5000
NATA# 1261
Site# 1254

Geelong
19/8 Lewalan Street
Grovedale
VIC 3216
+61 3 8564 5000
NATA# 1261
Site# 25403

Sydney
179 Magowar Road
Girraween
NSW 2145
+61 2 9900 8400
NATA# 1261
Site# 18217

Canberra
Unit 1,2 Dacre Street
Mitchell
ACT 2911
+61 2 6113 8091
NATA# 1261
Site# 25466

Brisbane
1/21 Smallwood Place
Murarrie
QLD 4172
+61 7 3902 4600
NATA# 1261
Site# 20794 & 2780

Newcastle
1/2 Frost Drive
Mayfield West
NSW 2304
+61 2 4968 8448
NATA# 1261
Site# 25079

Perth
46-48 Banksia Road
Welshpool
WA 6106
+61 8 6253 4444
NATA# 2377
Site# 2370 & 2554

Company Name: SMEC Australia Pty Ltd (VIC)
Address: Collins Square, Tower 4, Level 20, 727 Collins Street
Melbourne
VIC 3008

Project Name: Deavon Meadows PSI
Project ID: 30043775

Order No.:
Report #: 1287403
Phone: 03 9514 1500
Fax: 03 9514 1502

Received: Oct 31, 2025 5:28 PM
Due: Nov 10, 2025
Priority: 5 Day
Contact Name: Dinithi Koswatta

Eurofins Analytical Services Manager : Savini Suduweli

Sample Detail						Acid Herbicides	Suite B14: OCP/OPP	NEPM 1999 Metals : Metals M15	Moisture Set	NEPM Screen Table 1(A) HLLs for Soil Contaminants - Basic Suite - Excluding	NEPM Screen for Soil Classification	Eurofins Suite B4	Per- and Polyfluoroalkyl Substances (PFASs) - Short
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X	X	X	X	X	X
External Laboratory													
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID								
1	SS01	Oct 27, 2025		Soil	M25-No0002183	X	X	X	X			X	X
2	SS02	Oct 27, 2025		Soil	M25-No0002184				X	X	X		X
3	SS03	Oct 27, 2025		Soil	M25-No0002185	X	X	X	X			X	
4	SS04	Oct 27, 2025		Soil	M25-No0002186	X	X	X	X			X	
5	SS05	Oct 27, 2025		Soil	M25-No0002187				X	X	X		X
6	SS06	Oct 27, 2025		Soil	M25-No0002188	X	X	X	X			X	
7	SS07	Oct 27, 2025		Soil	M25-No0002189	X	X	X	X			X	
8	SS08	Oct 27, 2025		Soil	M25-No0002190	X	X	X	X			X	X
9	SS09	Oct 27, 2025		Soil	M25-No0002191				X	X	X		
Test Counts						6	6	6	9	3	3	6	4

SMEC Australia Pty Ltd
Collins Square, Tower 4, Level 20, 727 Collins Street
Melbourne
VIC 3008



NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
 NATA is a signatory to the ILAC Mutual Recognition
 Arrangement for the mutual recognition of the
 equivalence of testing, medical testing, calibration,
 inspection, proficiency testing scheme providers and
 reference materials producers reports and certificates.

Attention: **Dinithi Koswatta**

Report **1287403-S**
 Project name **Deavon Meadows PSI**
 Project ID **30043775**
 Received Date **Oct 31, 2025**

Client Sample ID			SS01	SS02	SS03	SS04
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002183	M25- No0002184	M25- No0002185	M25- No0002186
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	30	170	< 20	< 20
TRH C15-C28	50	mg/kg	30000	9400	< 50	< 50
TRH C29-C36	50	mg/kg	38000	830	50	< 50
TRH C10-C36 (Total)	50	mg/kg	68030	10400	50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1) ^{N04}	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	74	950	< 50	< 50
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	50	mg/kg	74	950	< 50	< 50
Naphthalene ^{N02}	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	60000	9300	< 100	< 100
TRH >C34-C40	100	mg/kg	13000	430	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	73074	10680	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	84	51	120	50
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene ^{N07}	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g,h,i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a,h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SS01	SS02	SS03	SS04
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002183	M25- No0002184	M25- No0002185	M25- No0002186
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	1.1	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	1.1	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	91	105	70	90
p-Terphenyl-d14 (surr.)	1	%	101	137	94	93
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Dibutylchloroendate (surr.)	1	%	64	-	82	135
Tetrachloro-m-xylene (surr.)	1	%	79	-	73	123
Bifenthrin*	0.05	mg/kg	-	< 0.05	-	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	-	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2

Client Sample ID			SS01	SS02	SS03	SS04
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002183	M25- No0002184	M25- No0002185	M25- No0002186
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	-	< 2	< 2
Naled	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	-	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	103	-	61	94
Chlorpyrifos	0.2	mg/kg	-	< 0.2	-	-
Acid Herbicides						
2.4-D	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4-DB	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4.5-T	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4.5-TP	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Actril (loxynil)	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dicamba	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dichlorprop	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dinitro-o-cresol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Dinoseb	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
MCPA	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
MCPB	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Mecoprop	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Warfarin (surr.)	1	%	128	-	115	117
Other Parameters						
Chromium (hexavalent)	1	mg/kg	< 1	< 1	< 1	< 1
Chromium (trivalent)	5	mg/kg	240	-	19	< 5
% Clay	2.5	%	-	< 2.5	-	-
Conductivity (1:5 aqueous extract at 25 °C as rec.)	10	uS/cm	-	25	-	-
Cyanide (free)	5	mg/kg	-	< 5	-	-
pH (units)(1:5 soil:CaCl2 extract at 25 °C as rec.)	0.1	pH Units	-	4.8	-	-
Total Organic Carbon	0.1	%	-	4.5	-	-

Client Sample ID			SS01	SS02	SS03	SS04
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002183	M25- No0002184	M25- No0002185	M25- No0002186
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	7.4	< 2	5.0	< 2
Barium	10	mg/kg	70	-	71	22
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	30	< 10	< 10	< 10
Cadmium	0.4	mg/kg	0.8	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	240	< 5	19	< 5
Cobalt	5	mg/kg	7.7	< 5	6.2	< 5
Copper	5	mg/kg	120	13	18	24
Iron	20	mg/kg	-	4000	-	-
Lead	5	mg/kg	31	19	14	< 5
Manganese	5	mg/kg	500	38	110	150
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	150	< 5	10.0	5.2
Selenium	2	mg/kg	-	< 2	-	-
Vanadium	10	mg/kg	11	-	23	< 10
Zinc	5	mg/kg	460	73	56	98
Sample Properties						
% Moisture	1	%	2.5	25	8.2	20
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) ^{N11}	10	ug/kg	< 10	< 10	-	-
13C2-6:2 FTSA (surr.)	1	%	75	^{J+} 160	-	-
Perfluorohexanesulfonic acid (PFHxS) ^{N11}	5	ug/kg	< 5	< 5	-	-
Perfluorooctanesulfonic acid (PFOS) ^{N11}	5	ug/kg	< 5	< 5	-	-
18O2-PFHxS (surr.)	1	%	69	64	-	-
13C8-PFOS (surr.)	1	%	60	56	-	-
Perfluorooctanoic acid (PFOA) ^{N11}	5	ug/kg	< 5	< 5	-	-
13C8-PFOA (surr.)	1	%	61	68	-	-
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	-	-
Polychlorinated Biphenyls						
Comments				G01		
Aroclor-1016	0.1	mg/kg	-	< 0.2	-	-
Aroclor-1221	0.1	mg/kg	-	< 0.2	-	-
Aroclor-1232	0.1	mg/kg	-	< 0.2	-	-
Aroclor-1242	0.1	mg/kg	-	< 0.2	-	-
Aroclor-1248	0.1	mg/kg	-	< 0.2	-	-
Aroclor-1254	0.1	mg/kg	-	< 0.2	-	-
Aroclor-1260	0.1	mg/kg	-	< 0.2	-	-
Total PCB*	0.1	mg/kg	-	< 0.2	-	-
Dibutylchloroendate (surr.)	1	%	-	112	-	-
Tetrachloro-m-xylene (surr.)	1	%	-	59	-	-
Triazines						
Atrazine	0.2	mg/kg	-	< 0.2	-	-
NEPM 2013 Acid Herbicides						
Picloram	0.5	mg/kg	-	< 0.5	-	-
2.4-D	0.5	mg/kg	-	< 0.5	-	-
2.4.5-T	0.5	mg/kg	-	< 0.5	-	-
MCPA	0.5	mg/kg	-	< 0.5	-	-
MCPB	0.5	mg/kg	-	< 0.5	-	-

Client Sample ID			SS01	SS02	SS03	SS04
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002183	M25- No0002184	M25- No0002185	M25- No0002186
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
NEPM 2013 Acid Herbicides						
Mecoprop	0.5	mg/kg	-	< 0.5	-	-
Warfarin (surr.)	1	%	-	132	-	-
NEPM 2013 Organochlorine Pesticides						
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	-
Mirex	0.05	mg/kg	-	< 0.05	-	-
4,4'-DDD	0.05	mg/kg	-	< 0.05	-	-
4,4'-DDE	0.05	mg/kg	-	< 0.05	-	-
4,4'-DDT	0.05	mg/kg	-	< 0.05	-	-
Aldrin	0.05	mg/kg	-	< 0.05	-	-
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	-
Dieldrin	0.05	mg/kg	-	< 0.05	-	-
Endosulfan I	0.05	mg/kg	-	< 0.05	-	-
Endosulfan II	0.05	mg/kg	-	< 0.05	-	-
Endrin	0.05	mg/kg	-	< 0.05	-	-
Heptachlor	0.05	mg/kg	-	< 0.05	-	-
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	-
Methoxychlor	0.05	mg/kg	-	< 0.05	-	-
Toxaphene	0.5	mg/kg	-	< 0.5	-	-
Dibutylchlorendate (surr.)	1	%	-	112	-	-
Tetrachloro-m-xylene (surr.)	1	%	-	59	-	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	-
NEPM 2013 Phenols						
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	-	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	-	-
Pentachlorophenol	1	mg/kg	-	< 1	-	-
Phenol	0.5	mg/kg	-	< 0.5	-	-
Phenol-d6 (surr.)	1	%	-	127	-	-
Heavy Metals						
Iron (%)	0.01	%	-	0.40	-	-
Cation Exchange Capacity						
Cation Exchange Capacity	0.5	meq/100g	-	6.3	-	-

Client Sample ID			SS05	SS06	SS07	SS08
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002187	M25- No0002188	M25- No0002189	M25- No0002190
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	100	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	100	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1) ^{N04}	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50

Client Sample ID			SS05	SS06	SS07	SS08
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002187	M25- No0002188	M25- No0002189	M25- No0002190
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16 less Naphthalene (F2)* ^{N01}	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene ^{N02}	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	60	89	93	60
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene ^{N07}	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g,h,i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a,h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1,2,3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	60	59	62	60
p-Terphenyl-d14 (surr.)	1	%	63	71	59	68
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
4,4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4,4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4,4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05

Client Sample ID			SS05	SS06	SS07	SS08
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002187	M25- No0002188	M25- No0002189	M25- No0002190
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchloroendate (surr.)	1	%	-	84	74	67
Tetrachloro-m-xylene (surr.)	1	%	-	52	51	92
Bifenthrin*	0.05	mg/kg	< 0.05	-	-	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	-	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	-	< 2	< 2	< 2
Naled	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	-	< 2	< 2	< 2
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2

Client Sample ID			SS05	SS06	SS07	SS08
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002187	M25- No0002188	M25- No0002189	M25- No0002190
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	85	86	86
Chlorpyrifos	0.2	mg/kg	< 0.2	-	-	-
Acid Herbicides						
2,4-D	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2,4-DB	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2,4,5-T	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2,4,5-TP	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Actril (loxynil)	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dicamba	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dichlorprop	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dinitro-o-cresol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Dinoseb	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
MCPA	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
MCPB	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Mecoprop	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Warfarin (surr.)	1	%	-	104	98	137
Chromium (hexavalent)						
Chromium (hexavalent)	1	mg/kg	< 1	< 1	< 1	< 1
Chromium (trivalent)						
Chromium (trivalent)	5	mg/kg	-	5.0	7.3	11
% Clay						
% Clay	2.5	%	< 2.5	-	-	-
Conductivity (1:5 aqueous extract at 25 °C as rec.)						
Conductivity (1:5 aqueous extract at 25 °C as rec.)	10	uS/cm	830	-	-	-
Cyanide (free)						
Cyanide (free)	5	mg/kg	< 5	-	-	-
pH (units)(1:5 soil:CaCl2 extract at 25 °C as rec.)						
pH (units)(1:5 soil:CaCl2 extract at 25 °C as rec.)	0.1	pH Units	5.9	-	-	-
Total Organic Carbon						
Total Organic Carbon	0.1	%	2.9	-	-	-
Heavy Metals						
Arsenic	2	mg/kg	< 2	2.4	3.1	2.1
Barium	10	mg/kg	-	31	26	15
Beryllium	2	mg/kg	< 2	< 2	< 2	< 2
Boron	10	mg/kg	< 10	21	< 10	< 10
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	5.0	7.3	11
Cobalt	5	mg/kg	< 5	< 5	< 5	< 5
Copper	5	mg/kg	11	33	29	13
Iron	20	mg/kg	4300	-	-	-
Lead	5	mg/kg	15	6.1	7.4	< 5
Manganese	5	mg/kg	62	260	170	89
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	5.1	7.2	< 5
Selenium	2	mg/kg	< 2	-	-	-
Vanadium	10	mg/kg	-	< 10	11	12
Zinc	5	mg/kg	110	170	120	56
Sample Properties						
% Moisture	1	%	26	26	24	14

Client Sample ID			SS05	SS06	SS07	SS08
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002187	M25- No0002188	M25- No0002189	M25- No0002190
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H,1H,2H,2H-perfluorooctanesulfonic acid(6:2 FTSA) ^{N11}	10	ug/kg	< 10	-	-	< 10
13C2-6:2 FTSA (surr.)	1	%	85	-	-	132
Perfluorohexanesulfonic acid (PFHxS) ^{N11}	5	ug/kg	< 5	-	-	< 5
Perfluorooctanesulfonic acid (PFOS) ^{N11}	5	ug/kg	< 5	-	-	< 5
18O2-PFHxS (surr.)	1	%	82	-	-	138
13C8-PFOS (surr.)	1	%	56	-	-	100
Perfluorooctanoic acid (PFOA) ^{N11}	5	ug/kg	< 5	-	-	< 5
13C8-PFOA (surr.)	1	%	82	-	-	130
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	-	-	< 5
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1221	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1232	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1242	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1248	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1254	0.1	mg/kg	< 0.1	-	-	-
Aroclor-1260	0.1	mg/kg	< 0.1	-	-	-
Total PCB*	0.1	mg/kg	< 0.1	-	-	-
Dibutylchlorendate (surr.)	1	%	86	-	-	-
Tetrachloro-m-xylene (surr.)	1	%	99	-	-	-
Triazines						
Atrazine	0.2	mg/kg	< 0.2	-	-	-
NEPM 2013 Acid Herbicides						
Picloram	0.5	mg/kg	< 0.5	-	-	-
2,4-D	0.5	mg/kg	< 0.5	-	-	-
2,4,5-T	0.5	mg/kg	< 0.5	-	-	-
MCPA	0.5	mg/kg	< 0.5	-	-	-
MCPB	0.5	mg/kg	< 0.5	-	-	-
Mecoprop	0.5	mg/kg	< 0.5	-	-	-
Warfarin (surr.)	1	%	123	-	-	-
NEPM 2013 Organochlorine Pesticides						
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	-	-
Mirex	0.05	mg/kg	< 0.05	-	-	-
4,4'-DDD	0.05	mg/kg	< 0.05	-	-	-
4,4'-DDE	0.05	mg/kg	< 0.05	-	-	-
4,4'-DDT	0.05	mg/kg	< 0.05	-	-	-
Aldrin	0.05	mg/kg	< 0.05	-	-	-
Chlordanes - Total	0.1	mg/kg	< 0.1	-	-	-
Dieldrin	0.05	mg/kg	< 0.05	-	-	-
Endosulfan I	0.05	mg/kg	< 0.05	-	-	-
Endosulfan II	0.05	mg/kg	< 0.05	-	-	-
Endrin	0.05	mg/kg	< 0.05	-	-	-
Heptachlor	0.05	mg/kg	< 0.05	-	-	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	-	-
Methoxychlor	0.05	mg/kg	< 0.05	-	-	-
Toxaphene	0.5	mg/kg	< 0.5	-	-	-
Dibutylchlorendate (surr.)	1	%	86	-	-	-
Tetrachloro-m-xylene (surr.)	1	%	99	-	-	-

Client Sample ID			SS05	SS06	SS07	SS08
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			M25- No0002187	M25- No0002188	M25- No0002189	M25- No0002190
Date Sampled			Oct 27, 2025	Oct 27, 2025	Oct 27, 2025	Oct 27, 2025
Test/Reference	LOR	Unit				
NEPM 2013 Organochlorine Pesticides						
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	-	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	-	-
NEPM 2013 Phenols						
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	-	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	-	-
Pentachlorophenol	1	mg/kg	< 1	-	-	-
Phenol	0.5	mg/kg	< 0.5	-	-	-
Phenol-d6 (surr.)	1	%	51	-	-	-
Heavy Metals						
Iron (%)	0.01	%	0.43	-	-	-
Cation Exchange Capacity						
Cation Exchange Capacity	0.5	meq/100g	7.8	-	-	-

Client Sample ID			SS09
Sample Matrix			Soil
Eurofins Sample No.			M25- No0002191
Date Sampled			Oct 27, 2025
Test/Reference	LOR	Unit	
Total Recoverable Hydrocarbons			
TRH C6-C9	20	mg/kg	< 20
TRH C10-C14	20	mg/kg	< 20
TRH C15-C28	50	mg/kg	< 50
TRH C29-C36	50	mg/kg	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50
TRH C6-C10	20	mg/kg	< 20
TRH C6-C10 less BTEX (F1) ^{N04}	20	mg/kg	< 20
TRH >C10-C16	50	mg/kg	< 50
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	50	mg/kg	< 50
Naphthalene ^{N02}	0.5	mg/kg	< 0.5
TRH >C16-C34	100	mg/kg	< 100
TRH >C34-C40	100	mg/kg	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100
BTEX			
Benzene	0.1	mg/kg	< 0.1
Toluene	0.1	mg/kg	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2
o-Xylene	0.1	mg/kg	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3
4-Bromofluorobenzene (surr.)	1	%	131
Polycyclic Aromatic Hydrocarbons			
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2
Acenaphthene	0.5	mg/kg	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5

Client Sample ID			SS09
Sample Matrix			Soil
Eurofins Sample No.			M25- No0002191
Date Sampled			Oct 27, 2025
Test/Reference	LOR	Unit	
Polycyclic Aromatic Hydrocarbons			
Anthracene	0.5	mg/kg	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5
Benzo(b&j)fluoranthene ^{N07}	0.5	mg/kg	< 0.5
Benzo(g,h,i)perylene	0.5	mg/kg	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5
Chrysene	0.5	mg/kg	< 0.5
Dibenz(a,h)anthracene	0.5	mg/kg	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5
Fluorene	0.5	mg/kg	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5
Naphthalene	0.5	mg/kg	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5
Pyrene	0.5	mg/kg	< 0.5
Total PAH*	0.5	mg/kg	< 0.5
2-Fluorobiphenyl (surr.)	1	%	71
p-Terphenyl-d14 (surr.)	1	%	85
Organochlorine Pesticides			
Bifenthrin*	0.05	mg/kg	< 0.05
Organophosphorus Pesticides			
Chlorpyrifos	0.2	mg/kg	< 0.2
Other Parameters			
Chromium (hexavalent)	1	mg/kg	< 1
% Clay	2.5	%	< 2.5
Conductivity (1:5 aqueous extract at 25 °C as rec.)	10	uS/cm	910
Cyanide (free)	5	mg/kg	< 5
pH (units)(1:5 soil:CaCl2 extract at 25 °C as rec.)	0.1	pH Units	6.5
Total Organic Carbon	0.1	%	1.5
Heavy Metals			
Arsenic	2	mg/kg	< 2
Beryllium	2	mg/kg	< 2
Boron	10	mg/kg	< 10
Cadmium	0.4	mg/kg	< 0.4
Chromium	5	mg/kg	< 5
Cobalt	5	mg/kg	< 5
Copper	5	mg/kg	7.3
Iron	20	mg/kg	760
Lead	5	mg/kg	< 5
Manganese	5	mg/kg	61
Mercury	0.1	mg/kg	< 0.1
Nickel	5	mg/kg	< 5
Selenium	2	mg/kg	< 2
Zinc	5	mg/kg	41
Sample Properties			
% Moisture	1	%	1.2

Client Sample ID			SS09
Sample Matrix			Soil
Eurofins Sample No.			M25- No0002191
Date Sampled			Oct 27, 2025
Test/Reference	LOR	Unit	
Polychlorinated Biphenyls			
Aroclor-1016	0.1	mg/kg	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1
Total PCB*	0.1	mg/kg	< 0.1
Dibutylchlorendate (surr.)	1	%	92
Tetrachloro-m-xylene (surr.)	1	%	69
Triazines			
Atrazine	0.2	mg/kg	< 0.2
NEPM 2013 Acid Herbicides			
Picloram	0.5	mg/kg	< 0.5
2,4-D	0.5	mg/kg	< 0.5
2,4,5-T	0.5	mg/kg	< 0.5
MCPA	0.5	mg/kg	< 0.5
MCPB	0.5	mg/kg	< 0.5
Mecoprop	0.5	mg/kg	< 0.5
Warfarin (surr.)	1	%	78
NEPM 2013 Organochlorine Pesticides			
Endosulfan sulphate	0.05	mg/kg	< 0.05
Mirex	0.05	mg/kg	< 0.05
4,4'-DDD	0.05	mg/kg	< 0.05
4,4'-DDE	0.05	mg/kg	< 0.05
4,4'-DDT	0.05	mg/kg	< 0.05
Aldrin	0.05	mg/kg	< 0.05
Chlordanes - Total	0.1	mg/kg	< 0.1
Dieldrin	0.05	mg/kg	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05
Endrin	0.05	mg/kg	< 0.05
Heptachlor	0.05	mg/kg	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05
Toxaphene	0.5	mg/kg	< 0.5
Dibutylchlorendate (surr.)	1	%	92
Tetrachloro-m-xylene (surr.)	1	%	69
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05
NEPM 2013 Phenols			
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4
Pentachlorophenol	1	mg/kg	< 1
Phenol	0.5	mg/kg	< 0.5
Phenol-d6 (surr.)	1	%	46
Heavy Metals			
Iron (%)	0.01	%	0.08

Client Sample ID			SS09
Sample Matrix			Soil
Eurofins Sample No.			M25- No0002191
Date Sampled			Oct 27, 2025
Test/Reference	LOR	Unit	
Cation Exchange Capacity			
Cation Exchange Capacity	0.5	meq/100g	8.9

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Eurofins Suite B4			
Total Recoverable Hydrocarbons - 1999 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Melbourne	Nov 06, 2025	14 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Melbourne	Nov 05, 2025	14 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Melbourne	Nov 06, 2025	14 Days
BTEX - Method: LTM-ORG-2010 BTEX and Volatile TRH	Melbourne	Nov 05, 2025	14 Days
Polycyclic Aromatic Hydrocarbons - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water	Melbourne	Nov 06, 2025	14 Days
Suite B14: OCP/OPP			
Organochlorine Pesticides - Method: LTM-ORG-2220 OCP & PCB in Soil and Water (USEPA 8270)	Melbourne	Nov 06, 2025	14 Days
Organophosphorus Pesticides - Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS (USEPA 8270)	Melbourne	Nov 06, 2025	14 Days
NEPM Screen Table 1(A) HIL's for Soil Contaminants - Basic Suite - Excluding Methyl Mercury/PBDE			
Chromium (hexavalent) - Method: LTM-INO-4100 Hexavalent Chromium by Spectrometric detection	Melbourne	Nov 05, 2025	28 Days
Cyanide (free) - Method: LTM-INO-4020 Total Free WAD Cyanide by CFA	Melbourne	Nov 05, 2025	14 Days
NEPM 2013 Metals : Metals M12 - Method: LTM-MET-3030 by ICP-OES (hydride ICP-OES for Mercury)	Melbourne	Nov 05, 2025	28 Days
Heavy Metals - Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS	Melbourne	Nov 05, 2025	28 Days
Polychlorinated Biphenyls - Method: LTM-ORG-2220 OCP & PCB in Soil and Water (USEPA 8082)	Melbourne	Nov 06, 2025	28 Days
Triazines - Method: LTM-ORG-2210 Triazine Herbicides in Soil and Water by GC-MS/MS	Melbourne	Nov 06, 2025	14 Days
NEPM 2013 Acid Herbicides - Method: MGT 530	Melbourne	Nov 05, 2025	14 Days
NEPM 2013 Organochlorine Pesticides - Method: USEPA 8081 Organochlorine Pesticides	Melbourne	Nov 06, 2025	14 Days
NEPM 2013 Phenols - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water	Melbourne	Nov 06, 2025	14 Days
Acid Herbicides - Method: LTM-ORG-2180 Phenoxy Acid Herbicides	Melbourne	Nov 05, 2025	14 Days
Per- and Polyfluoroalkyl Substances (PFASs) - Short - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)	Melbourne	Nov 05, 2025	90 Days
NEPM Screen for Soil Classification			
% Clay - Method: LTM-GEN-7040 Percentage clay, silt and sand by Hydrometer	Melbourne	Nov 08, 2025	14 Days
Conductivity (1:5 aqueous extract at 25 °C as rec.) - Method: LTM-INO-4030 Conductivity	Melbourne	Nov 05, 2025	7 Days
pH (units)(1:5 soil:CaCl2 extract at 25 °C as rec.) - Method: LTM-GEN-7090 pH in soil by ISE	Melbourne	Nov 05, 2025	7 Days
Total Organic Carbon - Method: LTM-INO-4060 Total Organic Carbon in water and soil	Melbourne	Nov 06, 2025	28 Days
Cation Exchange Capacity - Method: LTM-MET-3060 - Cation Exchange Capacity (CEC) & Exchangeable Sodium Percentage (ESP)	Melbourne	Nov 07, 2025	28 Days
% Moisture - Method: LTM-GEN-7080 Moisture	Melbourne	Nov 03, 2025	14 Days

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Project ID: 30043775

Order No.:
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Received: Oct 31, 2025 5:28 PM
Due: Nov 10, 2025
Priority: 5 Day
Contact Name: Dinithi Koswatta

Eurofins Analytical Services Manager : Savini Suduweli

Sample Detail						Acid Herbicides	Suite B14: OCP/OPP	NEPM 1999 Metals : Metals M15	Moisture Set	NEPM Screen Table 1(A) HLLs for Soil Contaminants - Basic Suite - Excluding	NEPM Screen for Soil Classification	Eurofins Suite B4	Per- and Polyfluoroalkyl Substances (PFASs) - Short
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X	X	X	X	X	X
External Laboratory													
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID								
1	SS01	Oct 27, 2025		Soil	M25-No0002183	X	X	X	X			X	X
2	SS02	Oct 27, 2025		Soil	M25-No0002184				X	X	X		X
3	SS03	Oct 27, 2025		Soil	M25-No0002185	X	X	X	X			X	
4	SS04	Oct 27, 2025		Soil	M25-No0002186	X	X	X	X			X	
5	SS05	Oct 27, 2025		Soil	M25-No0002187				X	X	X		X
6	SS06	Oct 27, 2025		Soil	M25-No0002188	X	X	X	X			X	
7	SS07	Oct 27, 2025		Soil	M25-No0002189	X	X	X	X			X	
8	SS08	Oct 27, 2025		Soil	M25-No0002190	X	X	X	X			X	X
9	SS09	Oct 27, 2025		Soil	M25-No0002191				X	X	X		
Test Counts						6	6	6	9	3	3	6	4

Internal Quality Control Review and Glossary

General

- Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
- Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
- Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
- For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
- Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
- Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
- SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
- Samples were analysed on an 'as received' basis.
- Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
- This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	mg/L: milligrams per litre	ppm: parts per million
µg/L: micrograms per litre	ppb: parts per billion	%: Percentage
org/100 mL: Organisms per 100 millilitres	NTU: Nephelometric Turbidity Units	MPN/100 mL: Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	Colour: Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (<i>bis</i> -tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

- Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
- Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
- pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
- Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
- For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
- Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Acid Herbicides							
2.4-D	mg/kg	< 0.5			0.5	Pass	
2.4-DB	mg/kg	< 0.5			0.5	Pass	
2.4.5-T	mg/kg	< 0.5			0.5	Pass	
2.4.5-TP	mg/kg	< 0.5			0.5	Pass	
Actril (loxynil)	mg/kg	< 0.5			0.5	Pass	
Dicamba	mg/kg	< 0.5			0.5	Pass	
Dichlorprop	mg/kg	< 0.5			0.5	Pass	
Dinitro-o-cresol	mg/kg	< 0.5			0.5	Pass	
Dinoseb	mg/kg	< 0.5			0.5	Pass	
MCPA	mg/kg	< 0.5			0.5	Pass	
MCPB	mg/kg	< 0.5			0.5	Pass	
Mecoprop	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&i)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dibenz(a,h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Bifenthrin*	mg/kg	< 0.05			0.05	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Total Organic Carbon	%	< 0.1			0.1	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Triazines							
Atrazine	mg/kg	< 0.2			0.2	Pass	
Method Blank							
NEPM 2013 Acid Herbicides							
Picloram	mg/kg	< 0.5			0.5	Pass	
Method Blank							
NEPM 2013 Organochlorine Pesticides							
Mirex	mg/kg	< 0.05			0.05	Pass	
Method Blank							
NEPM 2013 Phenols							
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Cation Exchange Capacity							
Cation Exchange Capacity	meq/100g	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&i)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g,h,i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dibenz(a,h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Bifenthrin*	mg/kg	< 0.05			0.05	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Chromium (hexavalent)	mg/kg	< 1			1	Pass	
Conductivity (1:5 aqueous extract at 25 °C as rec.)	uS/cm	< 10			10	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Triazines							
Atrazine	mg/kg	< 0.2			0.2	Pass	
Method Blank							
NEPM 2013 Organochlorine Pesticides							
Mirex	mg/kg	< 0.05			0.05	Pass	
Method Blank							
NEPM 2013 Phenols							
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Benzo(g,h,i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a,h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4,4'-DDD	mg/kg	< 0.05			0.05	Pass	
4,4'-DDE	mg/kg	< 0.05			0.05	Pass	
4,4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Bifenthrin*	mg/kg	< 0.05			0.05	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Chromium (hexavalent)	mg/kg	< 1			1	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Triazines							
Atrazine	mg/kg	< 0.2			0.2	Pass	
Method Blank							
NEPM 2013 Organochlorine Pesticides							
Mirex	mg/kg	< 0.05			0.05	Pass	
Method Blank							
NEPM 2013 Phenols							
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Barium	mg/kg	< 10			10	Pass	
Beryllium	mg/kg	< 2			2	Pass	
Boron	mg/kg	< 10			10	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Cobalt	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Iron	mg/kg	< 20			20	Pass	
Lead	mg/kg	< 5			5	Pass	
Manganese	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	

Test	Units	Result 1		Acceptance Limits	Pass Limits	Qualifying Code
Nickel	mg/kg	< 5		5	Pass	
Selenium	mg/kg	< 2		2	Pass	
Vanadium	mg/kg	< 10		10	Pass	
Zinc	mg/kg	< 5		5	Pass	
LCS - % Recovery						
Total Recoverable Hydrocarbons						
TRH C6-C9	%	108		70-130	Pass	
TRH C6-C10	%	106		70-130	Pass	
Naphthalene	%	86		70-130	Pass	
LCS - % Recovery						
BTEX						
Benzene	%	98		70-130	Pass	
Toluene	%	96		70-130	Pass	
Ethylbenzene	%	99		70-130	Pass	
m&p-Xylenes	%	101		70-130	Pass	
Xylenes - Total*	%	100		70-130	Pass	
LCS - % Recovery						
Acid Herbicides						
2.4-D	%	124		70-130	Pass	
2.4-DB	%	76		70-130	Pass	
2.4.5-T	%	124		70-130	Pass	
2.4.5-TP	%	129		70-130	Pass	
Actril (loxynil)	%	107		70-130	Pass	
Dicamba	%	120		70-130	Pass	
Dichlorprop	%	128		70-130	Pass	
Dinitro-o-cresol	%	108		70-130	Pass	
Dinoseb	%	101		70-130	Pass	
MCPA	%	110		70-130	Pass	
MCPB	%	98		70-130	Pass	
Mecoprop	%	118		70-130	Pass	
LCS - % Recovery						
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	73		50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	92		50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	94		50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	91		50-150	Pass	
LCS - % Recovery						
Total Recoverable Hydrocarbons						
TRH C10-C14	%	115		70-130	Pass	
TRH >C10-C16	%	123		70-130	Pass	
LCS - % Recovery						
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	%	93		70-130	Pass	
Acenaphthylene	%	96		70-130	Pass	
Anthracene	%	73		70-130	Pass	
Benz(a)anthracene	%	115		70-130	Pass	
Benzo(a)pyrene	%	72		70-130	Pass	
Benzo(b&j)fluoranthene	%	103		70-130	Pass	
Benzo(g,h,i)perylene	%	72		70-130	Pass	
Benzo(k)fluoranthene	%	92		70-130	Pass	
Chrysene	%	96		70-130	Pass	
Dibenz(a,h)anthracene	%	96		70-130	Pass	
Fluoranthene	%	115		70-130	Pass	
Fluorene	%	83		70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Indeno(1,2,3-cd)pyrene	%	111			70-130	Pass	
Naphthalene	%	83			70-130	Pass	
Phenanthrene	%	120			70-130	Pass	
Pyrene	%	73			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	102			70-130	Pass	
4,4'-DDD	%	108			70-130	Pass	
4,4'-DDE	%	88			70-130	Pass	
4,4'-DDT	%	103			70-130	Pass	
a-HCH	%	107			70-130	Pass	
Aldrin	%	91			70-130	Pass	
b-HCH	%	101			70-130	Pass	
d-HCH	%	97			70-130	Pass	
Dieldrin	%	111			70-130	Pass	
Endosulfan I	%	109			70-130	Pass	
Endosulfan II	%	97			70-130	Pass	
Endosulfan sulphate	%	85			70-130	Pass	
Endrin	%	92			70-130	Pass	
Endrin aldehyde	%	99			70-130	Pass	
Endrin ketone	%	92			70-130	Pass	
g-HCH (Lindane)	%	103			70-130	Pass	
Heptachlor	%	101			70-130	Pass	
Heptachlor epoxide	%	117			70-130	Pass	
Hexachlorobenzene	%	101			70-130	Pass	
Methoxychlor	%	87			70-130	Pass	
Bifenthrin*	%	98			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	112			70-130	Pass	
Dimethoate	%	106			70-130	Pass	
Ethion	%	84			70-130	Pass	
Fenitrothion	%	88			70-130	Pass	
Methyl parathion	%	86			70-130	Pass	
Mevinphos	%	81			70-130	Pass	
LCS - % Recovery							
Total Organic Carbon	%	86			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	96			70-130	Pass	
LCS - % Recovery							
NEPM 2013 Acid Herbicides							
Picloram	%	100			70-130	Pass	
LCS - % Recovery							
NEPM 2013 Organochlorine Pesticides							
Mirex	%	94			70-130	Pass	
LCS - % Recovery							
NEPM 2013 Phenols							
2-Methylphenol (o-Cresol)	%	79			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	81			25-140	Pass	
Pentachlorophenol	%	54			25-140	Pass	
Phenol	%	87			25-140	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Acenaphthene	%	93			70-130	Pass	
Acenaphthylene	%	96			70-130	Pass	
Anthracene	%	73			70-130	Pass	
Benz(a)anthracene	%	115			70-130	Pass	
Benzo(a)pyrene	%	72			70-130	Pass	
Benzo(b&j)fluoranthene	%	103			70-130	Pass	
Benzo(g,h,i)perylene	%	72			70-130	Pass	
Benzo(k)fluoranthene	%	92			70-130	Pass	
Chrysene	%	96			70-130	Pass	
Dibenz(a,h)anthracene	%	96			70-130	Pass	
Fluoranthene	%	115			70-130	Pass	
Fluorene	%	83			70-130	Pass	
Indeno(1,2,3-cd)pyrene	%	111			70-130	Pass	
Naphthalene	%	83			70-130	Pass	
Phenanthrene	%	120			70-130	Pass	
Pyrene	%	73			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	102			70-130	Pass	
4,4'-DDD	%	108			70-130	Pass	
4,4'-DDE	%	88			70-130	Pass	
4,4'-DDT	%	103			70-130	Pass	
a-HCH	%	107			70-130	Pass	
Aldrin	%	91			70-130	Pass	
b-HCH	%	101			70-130	Pass	
d-HCH	%	97			70-130	Pass	
Dieldrin	%	111			70-130	Pass	
Endosulfan I	%	109			70-130	Pass	
Endosulfan II	%	97			70-130	Pass	
Endosulfan sulphate	%	85			70-130	Pass	
Endrin	%	92			70-130	Pass	
Endrin aldehyde	%	99			70-130	Pass	
Endrin ketone	%	92			70-130	Pass	
g-HCH (Lindane)	%	103			70-130	Pass	
Heptachlor	%	101			70-130	Pass	
Heptachlor epoxide	%	117			70-130	Pass	
Hexachlorobenzene	%	101			70-130	Pass	
Methoxychlor	%	87			70-130	Pass	
Bifenthrin*	%	98			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	112			70-130	Pass	
Dimethoate	%	106			70-130	Pass	
Ethion	%	84			70-130	Pass	
Fenitrothion	%	88			70-130	Pass	
Methyl parathion	%	86			70-130	Pass	
Mevinphos	%	81			70-130	Pass	
LCS - % Recovery							
Chromium (hexavalent)	%	102			70-130	Pass	
Conductivity (1:5 aqueous extract at 25 °C as rec.)	%	96			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	96			70-130	Pass	
LCS - % Recovery							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code	
NEPM 2013 Organochlorine Pesticides								
Mirex	%	94			70-130	Pass		
LCS - % Recovery								
NEPM 2013 Phenols								
2-Methylphenol (o-Cresol)	%	79			25-140	Pass		
3&4-Methylphenol (m&p-Cresol)	%	81			25-140	Pass		
Pentachlorophenol	%	54			25-140	Pass		
Phenol	%	87			25-140	Pass		
LCS - % Recovery								
Total Recoverable Hydrocarbons								
TRH C10-C14	%	85			70-130	Pass		
TRH >C10-C16	%	78			70-130	Pass		
LCS - % Recovery								
Polycyclic Aromatic Hydrocarbons								
Acenaphthene	%	94			70-130	Pass		
Pyrene	%	76			70-130	Pass		
LCS - % Recovery								
Organochlorine Pesticides								
Endrin aldehyde	%	108			70-130	Pass		
LCS - % Recovery								
Chromium (hexavalent)	%	103			70-130	Pass		
LCS - % Recovery								
NEPM 2013 Organochlorine Pesticides								
Mirex	%	80			70-130	Pass		
LCS - % Recovery								
NEPM 2013 Phenols								
Pentachlorophenol	%	31			25-140	Pass		
Phenol	%	75			25-140	Pass		
LCS - % Recovery								
Heavy Metals								
Arsenic	%	106			80-120	Pass		
Barium	%	102			80-120	Pass		
Beryllium	%	94			80-120	Pass		
Boron	%	96			80-120	Pass		
Cadmium	%	102			80-120	Pass		
Chromium	%	104			80-120	Pass		
Cobalt	%	102			80-120	Pass		
Copper	%	104			80-120	Pass		
Iron	%	104			80-120	Pass		
Lead	%	111			80-120	Pass		
Manganese	%	107			80-120	Pass		
Mercury	%	90			80-120	Pass		
Nickel	%	103			80-120	Pass		
Selenium	%	102			80-120	Pass		
Vanadium	%	105			80-120	Pass		
Zinc	%	105			80-120	Pass		
Test	Lab Sample ID	QA Source	Units	Result 1		Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery								
Total Recoverable Hydrocarbons				Result 1				
TRH C6-C9	M25-No0023126	NCP	%	115		70-130	Pass	
TRH C10-C14	M25-No0000318	NCP	%	83		70-130	Pass	
TRH C6-C10	M25-No0023126	NCP	%	114		70-130	Pass	
TRH >C10-C16	M25-No0000318	NCP	%	80		70-130	Pass	
Naphthalene	M25-No0023126	NCP	%	114		70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1		Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery								
BTEX				Result 1				
Benzene	M25-No0023126	NCP	%	97		70-130	Pass	
Toluene	M25-No0023126	NCP	%	107		70-130	Pass	
Ethylbenzene	M25-No0023126	NCP	%	118		70-130	Pass	
m&p-Xylenes	M25-No0023126	NCP	%	119		70-130	Pass	
o-Xylene	M25-No0023126	NCP	%	121		70-130	Pass	
Xylenes - Total*	M25-No0023126	NCP	%	120		70-130	Pass	
Spike - % Recovery								
				Result 1				
Chromium (hexavalent)	M25-No0001269	NCP	%	88		70-130	Pass	
Spike - % Recovery								
Heavy Metals				Result 1				
Zinc	M25-Oc0096369	NCP	%	100		75-125	Pass	
Spike - % Recovery								
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1				
1H,1H,2H,2H-perfluorooctanesulfonic acid(6:2 FTSA)	M25-No0002183	CP	%	87		50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	M25-No0002183	CP	%	114		50-150	Pass	
Perfluorooctanoic acid (PFOA)	M25-No0002183	CP	%	102		50-150	Pass	
Spike - % Recovery								
Heavy Metals				Result 1				
Arsenic	M25-No0002184	CP	%	111		75-125	Pass	
Barium	M25-No0002184	CP	%	113		75-125	Pass	
Beryllium	M25-No0002184	CP	%	110		75-125	Pass	
Boron	M25-No0002184	CP	%	113		75-125	Pass	
Cadmium	M25-No0002184	CP	%	111		75-125	Pass	
Chromium	M25-No0002184	CP	%	110		75-125	Pass	
Cobalt	M25-No0002184	CP	%	115		75-125	Pass	
Copper	M25-No0002184	CP	%	106		75-125	Pass	
Iron	M25-Oc0096369	NCP	%	115		75-125	Pass	
Lead	M25-No0002184	CP	%	120		75-125	Pass	
Manganese	M25-No0002184	CP	%	88		75-125	Pass	
Mercury	M25-No0002184	CP	%	95		75-125	Pass	
Nickel	M25-No0002184	CP	%	112		75-125	Pass	
Selenium	M25-No0002184	CP	%	114		75-125	Pass	
Vanadium	M25-No0002184	CP	%	109		75-125	Pass	
Spike - % Recovery								
Polycyclic Aromatic Hydrocarbons				Result 1				
Acenaphthene	M25-No0002187	CP	%	93		70-130	Pass	
Acenaphthylene	M25-No0002187	CP	%	72		70-130	Pass	
Anthracene	M25-No0002187	CP	%	72		70-130	Pass	
Benz(a)anthracene	M25-No0002187	CP	%	97		70-130	Pass	
Benzo(a)pyrene	M25-No0002187	CP	%	78		70-130	Pass	
Benzo(b&i)fluoranthene	M25-No0002187	CP	%	96		70-130	Pass	
Benzo(g,h,i)perylene	M25-No0002187	CP	%	71		70-130	Pass	
Benzo(k)fluoranthene	M25-No0002187	CP	%	95		70-130	Pass	
Chrysene	M25-No0002187	CP	%	91		70-130	Pass	
Dibenz(a,h)anthracene	M25-No0002187	CP	%	80		70-130	Pass	
Fluoranthene	M25-No0002187	CP	%	97		70-130	Pass	
Fluorene	M25-No0002187	CP	%	85		70-130	Pass	
Indeno(1,2,3-cd)pyrene	M25-No0002187	CP	%	76		70-130	Pass	
Naphthalene	M25-No0002187	CP	%	95		70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1		Acceptance Limits	Pass Limits	Qualifying Code
Phenanthrene	M25-No0002187	CP	%	72		70-130	Pass	
Pyrene	M25-No0002187	CP	%	76		70-130	Pass	
Spike - % Recovery								
Organochlorine Pesticides				Result 1				
Chlordanes - Total	M25-No0002187	CP	%	97		70-130	Pass	
4.4'-DDD	M25-No0002187	CP	%	115		70-130	Pass	
4.4'-DDE	M25-No0002187	CP	%	95		70-130	Pass	
4.4'-DDT	M25-No0002187	CP	%	84		70-130	Pass	
a-HCH	M25-No0002187	CP	%	80		70-130	Pass	
Aldrin	M25-No0002187	CP	%	97		70-130	Pass	
b-HCH	M25-No0002187	CP	%	108		70-130	Pass	
d-HCH	M25-No0002187	CP	%	86		70-130	Pass	
Dieldrin	M25-No0002187	CP	%	100		70-130	Pass	
Endosulfan I	M25-No0002187	CP	%	104		70-130	Pass	
Endosulfan II	M25-No0002187	CP	%	83		70-130	Pass	
Endosulfan sulphate	M25-No0002187	CP	%	117		70-130	Pass	
Endrin	M25-No0002187	CP	%	116		70-130	Pass	
Endrin aldehyde	M25-No0002187	CP	%	97		70-130	Pass	
Endrin ketone	M25-No0002187	CP	%	119		70-130	Pass	
g-HCH (Lindane)	M25-No0002187	CP	%	103		70-130	Pass	
Heptachlor	M25-No0002187	CP	%	109		70-130	Pass	
Heptachlor epoxide	M25-No0002187	CP	%	104		70-130	Pass	
Hexachlorobenzene	M25-No0002187	CP	%	111		70-130	Pass	
Methoxychlor	M25-No0002187	CP	%	110		70-130	Pass	
Bifenthrin*	M25-No0002187	CP	%	108		70-130	Pass	
Spike - % Recovery								
Organophosphorus Pesticides				Result 1				
Diazinon	M25-No0002187	CP	%	116		70-130	Pass	
Dimethoate	M25-No0002187	CP	%	93		70-130	Pass	
Ethion	M25-No0002187	CP	%	95		70-130	Pass	
Fenitrothion	M25-No0002187	CP	%	103		70-130	Pass	
Methyl parathion	M25-No0002187	CP	%	94		70-130	Pass	
Mevinphos	M25-No0002187	CP	%	106		70-130	Pass	
Spike - % Recovery								
Polychlorinated Biphenyls				Result 1				
Aroclor-1016	M25-No0002187	CP	%	106		70-130	Pass	
Aroclor-1260	M25-No0002187	CP	%	101		70-130	Pass	
Spike - % Recovery								
NEPM 2013 Organochlorine Pesticides				Result 1				
Mirex	M25-No0002187	CP	%	103		70-130	Pass	
Spike - % Recovery								
NEPM 2013 Phenols				Result 1				
2-Methylphenol (o-Cresol)	M25-No0002187	CP	%	34		30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M25-No0002187	CP	%	35		30-130	Pass	
Pentachlorophenol	M25-No0002187	CP	%	32		30-130	Pass	
Phenol	M25-No0002187	CP	%	39		30-130	Pass	
Spike - % Recovery								
Acid Herbicides				Result 1				
2,4-D	M25-No0002191	CP	%	88		70-130	Pass	
Actril (loxynil)	M25-No0002191	CP	%	106		70-130	Pass	
Dichlorprop	M25-No0002191	CP	%	112		70-130	Pass	
MCPA	M25-No0002191	CP	%	82		70-130	Pass	
MCPB	M25-No0002191	CP	%	89		70-130	Pass	
Spike - % Recovery								

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
NEPM 2013 Acid Herbicides				Result 1					
Picloram	M25-No0002191	CP	%	121			70-130	Pass	
Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	M25-No0023289	NCP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C6-C10	M25-No0023289	NCP	mg/kg	30	< 20	75	30%	Fail	Q15
Naphthalene	M25-No0023289	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	M25-No0023289	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	M25-No0023289	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	M25-No0023289	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	M25-No0023289	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	M25-No0023289	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	M25-No0023289	NCP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Toxaphene	M25-No0000431	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Chromium (hexavalent)	M25-No0002632	NCP	mg/kg	< 1	< 1	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	M25-No0002184	CP	mg/kg	170	140	20	30%	Pass	
TRH C15-C28	M25-No0002184	CP	mg/kg	9400	9700	3.0	30%	Pass	
TRH C29-C36	M25-No0002184	CP	mg/kg	830	920	10	30%	Pass	
TRH >C10-C16	M25-No0002184	CP	mg/kg	950	810	16	30%	Pass	
TRH >C16-C34	M25-No0002184	CP	mg/kg	9300	9700	5.0	30%	Pass	
TRH >C34-C40	M25-No0002184	CP	mg/kg	430	490	14	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&i)fluoranthene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g,h,i)perylene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a,h)anthracene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1,2,3-cd)pyrene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	M25-No0002184	CP	mg/kg	1.1	1.0	7.0	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	M25-No0002184	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4,4'-DDD	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4,4'-DDE	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4,4'-DDT	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

Duplicate								
Organochlorine Pesticides				Result 1	Result 2	RPD		
a-HCH	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Aldrin	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
b-HCH	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
d-HCH	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Dieldrin	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Endosulfan I	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Endosulfan II	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Endosulfan sulphate	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Endrin	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Endrin aldehyde	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Endrin ketone	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
g-HCH (Lindane)	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Heptachlor	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Heptachlor epoxide	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Hexachlorobenzene	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Methoxychlor	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Bifenthrin*	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Duplicate								
Organophosphorus Pesticides				Result 1	Result 2	RPD		
Azinphos-methyl	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Bolstar	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Chlorfenvinphos	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Chlorpyrifos	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Chlorpyrifos-methyl	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Coumaphos	M25-No0002184	CP	mg/kg	< 2	< 2	<1	30%	Pass
Demeton-S	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Demeton-O	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Diazinon	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Dichlorvos	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Dimethoate	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Disulfoton	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
EPN	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Ethion	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Ethoprop	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Ethyl parathion	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Fenitrothion	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Fensulfthion	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Fenthion	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Malathion	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Merphos	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Methyl parathion	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Mevinphos	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Monocrotophos	M25-No0002184	CP	mg/kg	< 2	< 2	<1	30%	Pass
Naled	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Omethoate	M25-No0002184	CP	mg/kg	< 2	< 2	<1	30%	Pass
Phorate	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Pirimiphos-methyl	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Pyrazophos	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Ronnel	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Terbufos	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Tetrachlorvinphos	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Tokuthion	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Trichloronate	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass

Duplicate								
				Result 1	Result 2	RPD		
% Clay	M25-No0002184	CP	%	< 2.5	< 2.5	<1	30%	Pass
Conductivity (1:5 aqueous extract at 25 °C as rec.)	M25-No0007142	NCP	uS/cm	1300	1300	4.0	30%	Pass
Total Organic Carbon	L25-No0004912	NCP	%	0.3	0.3	15	30%	Pass
Duplicate								
Heavy Metals				Result 1	Result 2	RPD		
Arsenic	M25-No0002184	CP	mg/kg	< 2	< 2	<1	30%	Pass
Barium	M25-No0002184	CP	mg/kg	16	16	<1	30%	Pass
Beryllium	M25-No0002184	CP	mg/kg	< 2	< 2	<1	30%	Pass
Boron	M25-No0002184	CP	mg/kg	< 10	< 10	<1	30%	Pass
Cadmium	M25-No0002184	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass
Chromium	M25-No0002184	CP	mg/kg	< 5	< 5	<1	30%	Pass
Cobalt	M25-No0002184	CP	mg/kg	< 5	< 5	<1	30%	Pass
Copper	M25-No0002184	CP	mg/kg	13	13	<1	30%	Pass
Iron	M25-No0002184	CP	mg/kg	4000	4000	1.0	30%	Pass
Lead	M25-No0002184	CP	mg/kg	19	19	<1	30%	Pass
Manganese	M25-No0002184	CP	mg/kg	38	37	<1	30%	Pass
Mercury	M25-No0002184	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
Nickel	M25-No0002184	CP	mg/kg	< 5	< 5	<1	30%	Pass
Selenium	M25-No0002184	CP	mg/kg	< 2	< 2	<1	30%	Pass
Vanadium	M25-No0002184	CP	mg/kg	< 10	< 10	<1	30%	Pass
Zinc	M25-No0002184	CP	mg/kg	73	73	<1	30%	Pass
Duplicate								
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD		
1H,1H,2H,2H-perfluorooctanesulfonic acid(6:2 FTSA)	M25-No0002184	CP	ug/kg	< 10	< 10	<1	30%	Pass
Perfluorohexanesulfonic acid (PFHxS)	M25-No0002184	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanesulfonic acid (PFOS)	M25-No0002184	CP	ug/kg	< 5	< 5	<1	30%	Pass
Perfluorooctanoic acid (PFOA)	M25-No0002184	CP	ug/kg	< 5	< 5	<1	30%	Pass
Duplicate								
Polychlorinated Biphenyls				Result 1	Result 2	RPD		
Aroclor-1016	M25-No0016077	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
Aroclor-1221	M25-No0016077	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
Aroclor-1232	M25-No0016077	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
Aroclor-1242	M25-No0016077	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
Aroclor-1248	M25-No0016077	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
Aroclor-1254	M25-No0016077	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
Aroclor-1260	M25-No0016077	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
Total PCB*	M25-No0016077	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass
Duplicate								
Triazines				Result 1	Result 2	RPD		
Atrazine	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
Duplicate								
NEPM 2013 Organochlorine Pesticides				Result 1	Result 2	RPD		
Mirex	M25-No0002184	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass
Duplicate								
NEPM 2013 Phenols				Result 1	Result 2	RPD		
2-Methylphenol (o-Cresol)	M25-No0002184	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass
3&4-Methylphenol (m&p-Cresol)	M25-No0002184	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass
Pentachlorophenol	M25-No0002184	CP	mg/kg	< 1	< 1	<1	30%	Pass
Phenol	M25-No0002184	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Duplicate								
Heavy Metals				Result 1	Result 2	RPD		
Iron (%)	M25-No0002184	CP	%	0.40	0.40	1.0	30%	Pass

Duplicate								
Cation Exchange Capacity				Result 1	Result 2	RPD		
Cation Exchange Capacity	M25-No0013886	NCP	meq/100g	8.0	9.7	20	30%	Pass
Duplicate								
Sample Properties				Result 1	Result 2	RPD		
% Moisture	M25-No0002189	CP	%	24	25	7.0	30%	Pass
Duplicate								
Acid Herbicides				Result 1	Result 2	RPD		
2.4-D	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
2.4-DB	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
2.4.5-T	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
2.4.5-TP	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Actril (loxynil)	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dicamba	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dichlorprop	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dinitro-o-cresol	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Dinoseb	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
MCPA	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
MCPB	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Mecoprop	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass
Duplicate								
NEPM 2013 Acid Herbicides				Result 1	Result 2	RPD		
Picloram	M25-No0002190	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass

Comments
Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
J+	If the percent recoveries were greater than the upper control limit, qualify detects for the analyte in associated samples as estimated with a positive bias J+.
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

Savini Suduweli	Analytical Services Manager
Carroll Lee	Senior Analyst-Volatile
Dylan Jones	Senior Analyst-Organic
Edward Lee	Senior Analyst-Organic
Emily Rosenberg	Senior Analyst-Metal
Joseph Edouard	Senior Analyst-Organic
Joseph Edouard	Senior Analyst-PFAS
Joseph Edouard	Senior Analyst-Volatile
Mary Makarios	Senior Analyst-Inorganic
Mary Makarios	Senior Analyst-Metal
Mary Makarios	Senior Analyst-Sample Properties
Sheha Prakash	Senior Analyst-Organic



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

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CHAIN OF CUSTODY FORM

SMEC OFFICE: Melbourne		TURNAROUND REQUIREMENTS : 5 day TAT (Standard)		LAB: Eurofins Melbourne	
PROJECT: Deavon Meadows PSI		LAB QUOTE NO.:		ATTENTION: Savini Sudawell (Savini.Sudawellkondage@eurofins.com.au)	
PROJECT NUMBER: 30043775		CONTACT PH:		DISPATCH TO (ADDRESS & PHONE NO.): 6 Monterey Rd, Dandenong South VIC 3175	
PROJECT MANAGER: Dinithi Koswatta-Gamago		COC SEQUENCE NUMBER (Circle)		COC:	
SAMPLED BY: DKG		OF:		RECEIVED BY:	
DATE SAMPLED: 27/10/2025		RELINQUISHED BY: DKG		RECEIVED BY:	
Email Reports to (will default to PM if blank): Dinithi.Koswatta@smec.com, Jo.Cutler@smec.com, Stella.Smallman@smec.com		DATE/TIME: 28/10/2025		DATE/TIME:	
Email Invoice to (will default to PM if blank):		DATE/TIME:		DATE/TIME:	
Special Laboratory Instructions:					

SAMPLE DETAILS						ANALYSIS REQUIRED										COMMENTS		
LAB ID	SAMPLE ID	DATE / TIME	SAMPLE MATRIX	CONTAINER TYPE & PRESERVATIVE	TOTAL NO. CONTAINERS	NEPM Soil Screen	NEPM HIL Table 1A Screen	15 metals, TRH, BTEXN, PAHs	OCP, OPP	Acid Herbicides (Phenoxy Acetic Acid)	PFAS Short Suite							
	SS01	27-Oct-25	Soil	Jar+PFAS	2			X	X	X	X							
	SS02	27-Oct-25	Soil	Jar+PFAS	2	X	X				X							
	SS03	27-Oct-25	Soil	Jar	1			X	X	X								
	SS04	27-Oct-25	Soil	Jar	1			X	X	X								
	SS05	27-Oct-25	Soil	Jar+PFAS	2	X	X				X							
	SS06	27-Oct-25	Soil	Jar	1			X	X	X								
	SS07	27-Oct-25	Soil	Jar	1			X	X	X								
	SS08	27-Oct-25	Soil	Jar+PFAS	2			X	X	X	X							
	SS09	27-Oct-25	Soil	Jar	1	X	X											

Notes: Low reporting limits required for groundwater as specified by SMEC Australia Pty Ltd.

Copies: WHITE: send to lab, YELLOW: to be placed in project file, PINK: to be retained in CoC book

JB 3/11
1287403



Outlook

FW: COC - Devon Meadows

From Jo CUTTLER <Jo.Cuttler@smec.com>

Date Fri 31/10/25 5:28 PM

To Savini Suduweli Kondage <Savini.SuduweliKondage@eurofinsanz.com>; SH_AU_CAU001_EnviroSampleVic <EnviroSampleVic@eurofinsanz.com>

Cc Dinithi KOSWATTA GAMAGE <Dinithi.Koswatta@smec.com>; Stella SMALLMAN <Stella.Smallman@smec.com>

 1 attachment (131 KB)

Devon Meadows PSL_COC.pdf;

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Savini,

We have client approval to proceed with the Devon Meadows testing. Please find attached our COC for Devon Meadows samples.

Have a lovely weekend.

Jo CUTTLER

Technical Principal - Environmental Science

t: +61 3 9869 0824

w: www.smec.com

a: Wurundjeri Country, Tower 4 Level 20 Collins Square 727 Collins Street, Melbourne, VIC, Australia 3008

From: Dinithi KOSWATTA GAMAGE <Dinithi.Koswatta@smec.com>

Sent: Tuesday, 28 October 2025 4:56 PM

To: Savini Suduweli Kondage <savini.suduwelikondage@eurofinsanz.com>

Cc: Jo CUTTLER <Jo.Cuttler@smec.com>

Subject: COC - Devon Meadows

Hi Savini,

Please see the attached COC for the one esky that was picked up today (28/10/2025). Please note that all samples are to be put on hold until further notice.

Thank you!

Dinithi KOSWATTA GAMAGE

Environmental Scientist - Contaminated Land

w: www.smec.com

a: Wurundjeri Country, Tower 4 Level 20 Collins Square 727 Collins Street, Melbourne, VIC, Australia 3008



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CHAIN OF CUSTODY FORM

SMEC OFFICE: Melbourne		TURNAROUND REQUIREMENTS : 5 day TAT (Standard)		LAB: Eurofins Melbourne	
PROJECT: Deavon Meadows PSI				ATTENTION: Savini Suduweli (Savini.Suduwelikondage@e	
PROJECT NUMBER: 30043775		LAB QUOTE NO.:	COC SEQUENCE NUMBER (Circle)		DISPATCH TO (ADDRESS & PHONE NO.): 6 Monterey Rd, Dandenong South VIC 3175
PROJECT MANAGER: Dinithi Koswatta-Gamage		CONTACT PH:	COC:		
SAMPLED BY: DKG			OF:		
DATE SAMPLED: 27/10/2025		RELINQUISHED BY: DKG	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Email Reports to (will default to PM if blank): Dinithi.Koswatta@smec.com, Jo.Cuttler@smec.com, Stella.Smallman@smec.com		DATE/TIME: 28/10/2025	DATE/TIME:	DATE/TIME:	DATE/TIME:
Email Invoice to (will default to PM if blank):					
Special Laboratory Instructions:					

SAMPLE DETAILS						ANALYSIS REQUIRED										COMMENTS				
LAB ID	SAMPLE ID	DATE / TIME	SAMPLE MATRIX	CONTAINER TYPE & PRESERVATIVE	TOTAL NO. CONTAINERS															
	SS01	27-Oct-25	Soil	Jar+PFAS	2															ON HOLD
	SS02	27-Oct-25	Soil	Jar+PFAS	2															ON HOLD
	SS03	27-Oct-25	Soil	Jar	1															ON HOLD
	SS04	27-Oct-25	Soil	Jar	1															ON HOLD
	SS05	27-Oct-25	Soil	Jar+PFAS	2															ON HOLD
	SS06	27-Oct-25	Soil	Jar	1															ON HOLD
	SS07	27-Oct-25	Soil	Jar	1															ON HOLD
	SS08	27-Oct-25	Soil	Jar+PFAS	2															ON HOLD
	SS09	27-Oct-25	Soil	Jar	1															ON HOLD

Notes: Low reporting limits required for groundwater as specified by SMEC Australia Pty Ltd.

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Environment Testing

PROJECT INFORMATION

Date & Time Received: 3:26pm 28/1b

Company: _____

Contact Details: _____

Project Name/site: _____

Project Number: 30043775

Sample IDs: _____

Sampling Date/s: _____

COC:

Attached

E-mailed

Not received

Courier

Temperature: 15°C

Attempt to chill: Y / N

Custody Seal: _____

Number of Eskies: 1

Last modified on: 03 January 2025	Approved on: PENDING	Version: QS1039_R3-DRAFT
Last modified by: N. Richardson	Approver: PENDING	Page 1 of 1
Editorial Committee: N. Richardson, V. Heredia, T. Lakeland		Next required review date: XX January 2029

Appendix I

Groundwater Resource Report

Groundwater Resource Report

Groundwater catchment: Westernport

VICGRID94 Easting: 2526251 Northing: 2372535

Depth to water table: < 5m

Water table salinity (mg/L): 3501 - 7000

Groundwater layers (Aquifers and Aquitards)	Depth below surface (m)	Groundwater salinity (mg/L)
QA Quaternary Aquifer sand, gravels, clay, silts	0 - 6	1001 - 3500
UTAF Upper Tertiary Aquifer (fluvial) sand, gravel and clay	6 - 22	< 500
BSE Mesozoic and Palaeozoic Bedrock (basement) sedimentary (fractured rock): Sandstone, siltstone, mudstone, shale. Igneous (fractured rock): includes volcanics, granites, granodiorites.	22 - 222	1001 - 3500

Groundwater management unit (GMU)	Depth below surface (m)	PCV (ML/yr)
KOOWEERUP WSPA	ALL	12,915

For further information about this report contact:
Department of Environment, Land, Water & Planning
Email: ground.water@delwp.vic.gov.au

For further information on groundwater licensing in this area contact:
Southern Rural Water Corporation
Phone: 1300 139 510
Email: srw@srw.com.au
Website: www.srw.com.au

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Printed: 17 February 2026
Date Updated: 11 January 2019



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Introduction

Groundwater is part of the water cycle. When rain or snow falls on land, some of it evaporates, some flows to streams and rivers, and some seeps into the soil. Some of the water in the soil is used by plants but some continues to move down through the soil and rock until all the pores and cracks are full of water. This is known as the water table and this water is called groundwater.

Groundwater is a finite resource that, like surface water, is allocated under the Water Act (1989). A Bore Construction Licence is required to drill for groundwater including for domestic and stock purposes. Taking and using groundwater for commercial or irrigation purposes requires an additional licence.

Purpose of this report

This report has been prepared to provide potential groundwater users with basic information about groundwater beneath their property. This includes the different geological layers, the depths of the layers and the salinity of groundwater in the layers. Information on the groundwater management units (GMU) and any associated caps on the volume that can be licensed (the PCV) are also provided.

Definitions and context

Term	Description
Groundwater Catchment	An identified area of the State within which groundwater resources are connected.
Easting / Northing	The VICGRID 94 coordinates of the spot that was selected on the interactive map.
Groundwater Salinity	Indicates the possible concentration of salts within the groundwater. The salt content indicates the possible uses of the water (see the Beneficial Use Table below). Fertilisers and other contaminants can also enter groundwater and affect its use. It is up to you to make sure that the groundwater you use is suitable for your purpose.
Aquifer	An aquifer is a layer of soil or rock which stores usable volumes of groundwater. Aquifers are generally limestones, gravels and sands, as well as some fractured rocks where the cracks in the rock are open and connected (some basalts, sandstones and limestones). How much water can be pumped from an aquifer depends on how much water is stored in pores and cracks, how well connected the pores and cracks are, and how thick the layer is. It is more likely that volumes of water for irrigation and urban water supply will come from gravels, sands, limestones and basalts that are at least 30 metres thick. Low volumes of water for domestic and stock use are likely from any aquifer greater than 10 metres thick. The advice above is a guide only, as the amount of water available can be highly variable. Actual pumping volumes can only be determined from drilling, appropriate construction and testing of a bore.
Aquitard	An aquitard is a layer of rock or soil that does not allow water to move through it easily, limiting its capacity to supply water. Aquitards are generally silts, clays and fractured rocks (where there are few cracks in the rock or the cracks are poorly connected).
Groundwater Management Unit (GMU)	A collective term for groundwater management areas (GMAs) and water supply protection areas (WSPAs). GMAs and WSPAs are defined areas and depths below the surface where rules for groundwater use may apply. WSPAs often have caps on groundwater use and plans describing how the resource is managed. GMAs usually have caps on groundwater use and may have local plans and rules. All other areas are managed directly through the Water Act (1989). Always check with your local Rural Water Corporation to be sure that the information on the GMU is correct for your specific location.
Permissible Consumptive Volume (PCV)	A cap that is set under the Water Act (1989) declaring the total volume of groundwater that may be taken from the area. Once the PCV is reached, no additional extraction can be licensed for use within the area unless traded from another groundwater licence holder.
Depth to Water Table	This is an indication of the depth at which groundwater might first be encountered when drilling a bore. The depth can vary from year to year, and from place to place and may vary significantly from that indicated in this report.

Beneficial Use Table

Salinity range (mg/L TDS)	Beneficial use as described by State Environment Protection Policy (Groundwaters of Victoria) s160							
	Potable water - preferred	Potable water - acceptable	Potable mineral water	Irrigation	Stock water	Industry	Ecosystem protection	Buildings and structures
<500	✓	✓	✓	✓	✓	✓	✓	✓
501-1000		✓	✓	✓	✓	✓	✓	✓
1001-3500			✓	✓	✓	✓	✓	✓
3501-13000					✓	✓	✓	✓
13001+						✓	✓	✓

Accessibility

If you would like to receive this publication in an alternate format, please telephone or email the DELWP Customer Service Centre 136 186, email customer.service@delwp.vic.gov.au, or via the National Relay Service on 133 677 www.relayservice.com.au.

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Appendix D

Registered Groundwater Bore Search

85, 95 and 105 Devon Road, Devon Meadows



Bore ID	Parish	Parish No	Longitude (GDA94)	Latitude (GDA94)	Easting (MGA)	Northing (MGA)	Map zone	Elevation (digitised)	Constructed date	Constructed depth	Bore type	Uses	Use 1	Use 2	Old Bore ID
112853	CRANBOURNE	2462	145.305802	-38.155424	351563.2	5775584.1	55	28.37	4/02/1992 0:00	15	Groundwater	DM,	Domestic		
132464	SHERWOOD	3487	145.307143	-38.151658	351673.2	5776004.1	55	31.4	25/03/1997 0:00	25.5	Groundwater	DM,	Domestic		
141860	MOOROODPNA	3177	145.312284	-38.146505	352113.2	5776584.1	55	31.34	6/01/1999 0:00	26	Groundwater	DM, ST,			
142379	CRANBOURNE	2462	145.300129	-38.153991	351063.2	5775734.1	55	35.74	18/03/1999 0:00	19	Groundwater	ST,	Stock		
57458	CRANBOURNE	2462	145.307828	-38.151668	351733.2	5776004.1	55	29.44	24/10/1983 0:00	22.86	Groundwater	DM,	Domestic		10143
57503	CRANBOURNE	2462	145.287398	-38.137134	349913.2	5777584.1	55	50.35	4/05/1990 0:00	97.5	Groundwater	NKN,			15009
91299	SHERWOOD	3487	145.305145	-38.150278	351495.2	5776154.1	55	36.02	31/12/1969 0:00	45.72	Groundwater	IR,	Irrigation		8222
91312	SHERWOOD	3487	145.302407	-38.150708	351256.2	5776102.1	55	36.4	31/12/1968 0:00	18.2	Groundwater	NKN,			8235
91316	SHERWOOD	3487	145.294729	-38.130986	350543.2	5778278.1	55	52.89	31/12/1970 0:00	13.7	Groundwater	ST,	Stock		8239
91346	SHERWOOD	3487	145.302129	-38.149929	351230.2	5776188.1	55	39.65	1/01/1970 0:00	18.2	Groundwater	DM,	Domestic		8269
91427	SHERWOOD	3487	145.30619	-38.132684	351551.2	5778108.1	55	41.3	31/12/1966 0:00	15.5	Groundwater	ST,	Stock		8350
91471	SHERWOOD	3487	145.305044	-38.131433	351448.2	5778245.1	55	42.2	31/12/1969 0:00	12.1	Groundwater	DM, ST,			8394
91485	SHERWOOD	3487	145.295903	-38.130525	350645.2	5778331.1	55	51.8	31/12/1968 0:00	10.9	Groundwater	DM,	Domestic		8408
91486	SHERWOOD	3487	145.319506	-38.153025	352759.2	5775872.1	55	29.03	31/12/1970 0:00	21.9	Groundwater	DM,	Domestic		8409
91487	SHERWOOD	3487	145.305451	-38.139008	351499.2	5777405.1	55	40.23	31/12/1970 0:00	0	Groundwater	ST,	Stock		8410
91489	SHERWOOD	3487	145.302803	-38.132644	351254.2	5778107.1	55	41.24	31/12/1969 0:00	6	Groundwater	ST,	Stock		8412
91505	SHERWOOD	3487	145.302137	-38.15402	351239.2	5775734.1	55	31.97	31/12/1969 0:00	36.5	Groundwater	DM, ST,			8428
91506	SHERWOOD	3487	145.31522	-38.154802	352387.2	5775668.1	55	28.07	31/12/1963 0:00	15.24	Groundwater	DM,	Domestic		8429
91510	SHERWOOD	3487	145.287666	-38.148132	349959.2	5776364.1	55	47.09	31/12/1960 0:00	33.5	Groundwater	ST,	Stock		8433
91511	SHERWOOD	3487	145.313331	-38.147593	352207.2	5776465.1	55	29.5	31/12/1965 0:00	24.3	Groundwater	DM,	Domestic		8434
91512	SHERWOOD	3487	145.312922	-38.146515	352169.2	5776584.1	55	30.55	31/12/1964 0:00	17.9	Groundwater	DM,	Domestic		8435
91513	SHERWOOD	3487	145.311731	-38.146723	352065.2	5776559.1	55	31.62	31/12/1966 0:00	19.5	Groundwater	DM,	Domestic		8436
91514	SHERWOOD	3487	145.312531	-38.147167	352136.2	5776511.1	55	29.41	31/12/1964 0:00	22.5	Groundwater	DM, ST,			8437
91515	SHERWOOD	3487	145.314169	-38.149362	352284.2	5776270.1	55	28.3	31/12/1970 0:00	18.2	Groundwater	DM,	Domestic		8438
91517	SHERWOOD	3487	145.314436	-38.150168	352309.2	5776181.1	55	27.52	31/12/1966 0:00	18.2	Groundwater	DM,	Domestic		8440
91518	SHERWOOD	3487	145.312666	-38.14625	352146.2	5776613.1	55	31.48	31/12/1952 0:00	25.6	Groundwater	DM,	Domestic		8441
91519	SHERWOOD	3487	145.301298	-38.162623	351183.2	5774778.1	55	29.47	31/12/1962 0:00	18.2	Groundwater	DM,	Domestic		8442
91520	SHERWOOD	3487	145.29889	-38.134083	350914.2	5777941.1	55	46.76	31/12/1969 0:00	3.6	Groundwater	ST,	Stock		8443
91521	SHERWOOD	3487	145.31363	-38.148498	352235.2	5776365.1	55	27.88	31/12/1965 0:00	14.6	Groundwater	DM,	Domestic		8444
91522	SHERWOOD	3487	145.312192	-38.146026	352104.2	5776637.1	55	31.66	31/12/1966 0:00	16.7	Groundwater	DM,	Domestic		8445
91523	SHERWOOD	3487	145.3021	-38.147683	351223.2	5776437.1	55	39.76	31/12/1970 0:00	33.5	Groundwater	DM, ST,			8446
91524	SHERWOOD	3487	145.30941	-38.158323	351885.2	5775268.1	55	27.39	31/12/1970 0:00	27.4	Groundwater	DM,	Domestic		8447
91525	SHERWOOD	3487	145.300894	-38.154948	351132.2	5775629.1	55	32.37	31/12/1967 0:00	29.5	Groundwater	DM,	Domestic		8448
91526	SHERWOOD	3487	145.30196	-38.148853	351213.2	5776307.1	55	37.1	31/12/1965 0:00	19.81	Groundwater	DM, ST,			8449
91527	SHERWOOD	3487	145.308762	-38.16364	351839.2	5774677.1	55	21.38	31/12/1970 0:00	10.9	Groundwater	ST,	Stock		8450
91528	SHERWOOD	3487	145.306684	-38.16216	351654.2	5774838.1	55	23.6	31/12/1970 0:00	17	Groundwater	ST,	Stock		8451
91529	SHERWOOD	3487	145.300931	-38.147911	351121.2	5776410.1	55	37.14	31/12/1970 0:00	27.4	Groundwater	DM,	Domestic		8452
91530	SHERWOOD	3487	145.30042	-38.149309	351079.2	5776254.1	55	35.84	31/12/1963 0:00	8.2	Groundwater	DM,	Domestic		8453
91531	SHERWOOD	3487	145.300296	-38.137897	351045.2	5777520.1	55	45.52	31/12/1970 0:00	0	Groundwater	DM,	Domestic		8454
91534	SHERWOOD	3487	145.308598	-38.144028	351785.2	5776853.1	55	38.49	31/12/1970 0:00	0	Groundwater	ST,	Stock		8457
91535	SHERWOOD	3487	145.295363	-38.136573	350610.2	5777659.1	55	52.41	31/12/1970 0:00	0	Groundwater	ST,	Stock		8458
91536	SHERWOOD	3487	145.29516	-38.137977	350595.2	5777503.1	55	51.31	31/12/1970 0:00	21.3	Groundwater	DM,	Domestic		8459
91537	SHERWOOD	3487	145.296098	-38.137377	350676.2	5777571.1	55	50.97	31/12/1970 0:00	15.2	Groundwater	ST,	Stock		8460
91538	SHERWOOD	3487	145.297412	-38.13727	350791.2	5777585.1	55	49.85	31/12/1966 0:00	19.8	Groundwater	DM,	Domestic		8461
91539	SHERWOOD	3487	145.296187	-38.133548	350676.2	5777996.1	55	53.31	31/12/1970 0:00	14.3	Groundwater	DM,	Domestic		8462
91540	SHERWOOD	3487	145.295839	-38.133778	350646.2	5777970.1	55	53.95	31/12/1963 0:00	25.9	Groundwater	DM,	Domestic		8463
91541	SHERWOOD	3487	145.295612	-38.133243	350625.2	5778029.1	55	53.41	31/12/1970 0:00	12.1	Groundwater	DM,	Domestic		8464
91542	SHERWOOD	3487	145.297351	-38.134511	350780.2	5777891.1	55	51.23	31/12/1970 0:00	9.1	Groundwater	ST,	Stock		8465
91543	SHERWOOD	3487	145.317621	-38.153593	352595.2	5775806.1	55	28.46	31/12/1970 0:00	18.2	Groundwater	DM,	Domestic		8466
91544	SHERWOOD	3487	145.317848	-38.152641	352613.2	5775912.1	55	29.99	31/12/1970 0:00	21.3	Groundwater	DM,	Domestic		8467
91545	SHERWOOD	3487	145.318073	-38.156285	352640.2	5775508.1	55	25.25	31/12/1965 0:00	24.3	Groundwater	DM,	Domestic		8468
91546	SHERWOOD	3487	145.303942	-38.130741	351350.2	5778320.1	55	42.98	31/12/1969 0:00	12.1	Groundwater	ST,	Stock		8469
91557	SHERWOOD	3487	145.313493	-38.138106	352202.2	5777518.1	55	34.12	31/12/1965 0:00	38.1	Groundwater	ST,	Stock		8480
91558	SHERWOOD	3487	145.312346	-38.139829	352105.2	5777325.1	55	33.39	31/12/1969 0:00	38.1	Groundwater	ST,	Stock		8481
91559	SHERWOOD	3487	145.296212	-38.152114	350716.2	5775936.1	55	38.24	31/12/1970 0:00	0	Groundwater	ST,	Stock		8482
91560	SHERWOOD	3487	145.295771	-38.154883	350683.2	5775628.1	55	35.03	31/12/1967 0:00	30.1	Groundwater	ST,	Stock		8483
91561	SHERWOOD	3487	145.30079	-38.154027	351121.2	5775731.1	55	34.44	31/12/1970 0:00	18.2	Groundwater	ST,	Stock		8484
91562	SHERWOOD	3487	145.307548	-38.159387	351724.2	5775147.1	55	24.78	31/12/1967 0:00	18.2	Groundwater	ST,	Stock		8485
91563	SHERWOOD	3487	145.305383	-38.154264	351524.2	5775712.1	55	31.55	31/12/1969 0:00	24.38	Groundwater	DM,	Domestic		8486
91564	SHERWOOD	3487	145.309155	-38.155039	351856.2	5775632.1	55	29.03	31/12/1970 0:00	18.2	Groundwater	DM,	Domestic		8487
91566	SHERWOOD	3487	145.310963	-38.157787	352020.2	5775330.1	55	31.6	31/12/1970 0:00	0	Groundwater	DM, ST,			8489
91567	SHERWOOD	3487	145.311945	-38.155278	352101.2	5775610.1	55	29.98	31/12/1970 0:00	19.8	Groundwater	DM,	Domestic		8490
91634	SHERWOOD	3487	145.296532	-38.131445	350702.2	5778230.1	55	51.51	27/02/1976 0:00	13.44	Groundwater	ST,	Stock		10049
91669	SHERWOOD	3487	145.311476	-38.147882	352045.2	5776430.1	55	30.74	19/01/1981 0:00	10.8	Groundwater	DM,	Domestic		10085
91673	SHERWOOD	3487	145.295892	-38.164383	350713.2	5774574.1	55	28.9	19/10/1981 0:00	12.5	Groundwater	NKN,			10089
91686	SHERWOOD	3487	145.290895	-38.163319	350273.2	5774684.1	55	33.47	8/09/1982 0:00	13.6	Groundwater	IR,	Irrigation		10102
91691	SHERWOOD	3487	145.319199	-38.153454	352733.2	5775824.1	55	28.85	21/02/1982 0:00	30.48	Groundwater	DM, ST,			10107

Bore ID	Parish	Parish No	Longitude (GDA94)	Latitude (GDA94)	Easting (MGA)	Northing (MGA)	Map zone	Elevation (digitised)	Constructed date	Constructed depth	Bore type	Uses	Use 1	Use 2	Old Bore ID
91693	SHERWOOD	3487	145.295333	-38.14427	350623.2	5776805.1	55	44.84	9/03/1983 0:00	27.43	Groundwater	DM, ST,			10109
91700	SHERWOOD	3487	145.304759	-38.146217	351453.2	5776604.1	55	37.27	11/08/1983 0:00	15.08	Groundwater	NKN,			10116
91702	SHERWOOD	3487	145.312687	-38.152828	352161.2	5775883.1	55	26.71	19/09/1983 0:00	15.8	Groundwater	DM,	Domestic		10118
91703	SHERWOOD	3487	145.296131	-38.13544	350675.2	5777786.1	55	54.43	19/09/1983 0:00	30.55	Groundwater	DM,	Domestic		10119
91707	SHERWOOD	3487	145.310251	-38.145575	351933.2	5776684.1	55	34.3	13/01/1984 0:00	24	Groundwater	NKN,			10123
91710	SHERWOOD	3487	145.290335	-38.16286	350223.2	5774734.1	55	33.67	16/01/1984 0:00	16	Groundwater	NKN,			10126
91725	SHERWOOD	3487	145.307371	-38.151661	351693.2	5776004.1	55	31.04	27/11/1984 0:00	14.3	Groundwater	DM,	Domestic		10141
91730	SHERWOOD	3487	145.30667	-38.162286	351653.2	5774824.1	55	23.69	2/04/1985 0:00	31.1	Groundwater	DM,	Domestic		10146
91744	SHERWOOD	3487	145.321369	-38.148438	352913.2	5776384.1	55	24.44	19/11/1986 0:00	21.5	Groundwater	DM,	Domestic		10160
91755	SHERWOOD	3487	145.310044	-38.144671	351913.2	5776784.1	55	35.59	16/02/1988 0:00	22.7	Groundwater	DM,	Domestic		10171
WRK041631	SHERWOOD	3487	145.298995	-38.137419	350930.2	5777571.1	55	47.2	31/12/1965 0:00	13.7	Groundwater	NKN,			
WRK041648	SHERWOOD	3487	145.320875	-38.148071	352869.2	5776424.1	55	24.76	31/12/1965 0:00	12.19	Groundwater	IR,	Irrigation		
WRK041654	SHERWOOD	3487	145.299974	-38.146851	351035.2	5776526.1	55	40.6	1/01/1970 0:00	20	Groundwater	IR,	Irrigation		
WRK041656	SHERWOOD	3487	145.321043	-38.145225	352878.2	5776740.1	55	28.6	11/02/1971 0:00	17	Groundwater	DM, IR, ST,			
WRK041670	SHERWOOD	3487	145.303969	-38.143349	351378.2	5776921.1	55	45.62	25/08/1983 0:00	32.1	Groundwater	IN,			
WRK070749			145.305327	-38.130942	351472	5778300	55		6/09/2012 0:00	12	Groundwater	OB,		Observation	
WRK073370			145.313603	-38.160271	352256	5775044	55		8/03/2013 0:00	22.5	Groundwater	DS,	Domestic and Stock		
WRK091248			145.301466	-38.148147	351168	5776370	55		10/01/2016 0:00	33	Groundwater	DS,	Domestic and Stock		
WRK093080			145.292065	-38.139242	350326	5777343	55		16/11/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK093081			145.293453	-38.139929	350449	5777269	55		19/10/2017 0:00	7	Groundwater	INVE,	Groundwater Investigation		
WRK093082			145.292771	-38.139297	350388	5777338	55		26/08/2016 0:00	8.9	Groundwater	INVE,	Groundwater Investigation		
WRK093083			145.293265	-38.139178	350431	5777352	55		30/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK094587			145.293453	-38.139929	350449	5777269	55		19/10/2017 0:00	7	Groundwater	INVE,	Groundwater Investigation		
WRK096410			145.292931	-38.139291	350402	5777339	55		25/10/2016 0:00	8	Groundwater	INVE,	Groundwater Investigation		
WRK096411			145.292955	-38.139246	350404	5777344	55		25/10/2016 0:00	8	Groundwater	INVE,	Groundwater Investigation		
WRK096412			145.292875	-38.139236	350397	5777345	55		25/10/2016 0:00	8	Groundwater	INVE,	Groundwater Investigation		
WRK096413			145.292807	-38.139226	350391	5777346	55		25/10/2016 0:00	8	Groundwater	INVE,	Groundwater Investigation		
WRK096414			145.292859	-38.139452	350396	5777321	55		25/10/2016 0:00	8	Groundwater	INVE,	Groundwater Investigation		
WRK100361			145.292841	-38.139731	350395	5777290	55		30/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK100362			145.292648	-38.139701	350378	5777293	55		30/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK100363			145.292648	-38.139701	350378	5777293	55		30/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK100364			145.293361	-38.139928	350441	5777269	55		31/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK100365			145.292447	-38.139509	350360	5777314	55		30/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK100366			145.293093	-38.139212	350416	5777348	55		30/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK102942			145.292417	-38.139319	350357	5777335	55		30/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK102943			145.29353	-38.140038	350456	5777257	55		30/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK103599			145.291643	-38.139254	350289	5777341	55		30/05/2017 0:00	6.5	Groundwater	INVE,	Groundwater Investigation		
WRK107758			145.316017	-38.155707	352453	5775567	55		2/08/2018 0:00	50	Groundwater	Domestic and stock	Domestic and stock		
WRK108148			145.284422	-38.13918	349656	5777350	55		27/08/2018 0:00	5	Groundwater	Observation	Observation	Observation	
WRK108149			145.287424	-38.138441	349914	5777432	55		27/08/2018 0:00	5	Groundwater	Observation	Observation	Observation	
WRK108150			145.290085	-38.139886	350151	5777278	55		27/08/2018 0:00	3	Groundwater	Observation	Observation	Observation	
WRK134032			145.291418	-38.151413	350291	5775999	55		7/11/2022 0:00	8.3	Groundwater	Investigation	Investigation		
WRK134033			145.290545	-38.151332	350218	5776008	55		7/11/2022 0:00	6	Groundwater	Investigation	Investigation		
WRK134034			145.290942	-38.153072	350253	5775815	55		7/11/2022 0:00	6	Groundwater	Investigation	Investigation		
WRK135856			145.293962	-38.142322	350499	5777014	55		25/01/2023 0:00	4.5	Groundwater	Observation	Observation	Observation	
WRK135857			145.296276	-38.143101	350702	5776934	55		25/01/2023 0:00	6.2	Groundwater	Observation	Observation	Observation	
WRK135858			145.298012	-38.143606	350854	5776878	55		25/01/2023 0:00	6	Groundwater	Observation	Observation	Observation	
WRK143257			145.300354	-38.152505	351075	5775897	55		20/03/2024 0:00	9	Groundwater	Observation	Observation	Observation	
WRK143258			145.314222	-38.15136	352289	5776043	55		18/03/2024 0:00	7.5	Groundwater	Observation	Observation	Observation	
WRK143262			145.306083	-38.147361	351571	5776474	55		21/03/2024 0:00	8	Groundwater	Observation	Observation	Observation	
WRK143263			145.312714	-38.141023	352139	5777190	55		22/03/2024 0:00	9	Groundwater	Observation	Observation	Observation	
WRK143265			145.30452	-38.14254	351423	5777009	55		21/03/2024 0:00	7.5	Groundwater	Observation	Observation	Observation	
WRK143474			145.301105	-38.145312	351127	5776695	55		4/04/2024 0:00	7.5	Groundwater	Observation	Observation	Observation	
WRK143475			145.298194	-38.145147	350873	5776707	55		4/04/2024 0:00	6	Groundwater	Observation	Observation	Observation	
WRK143476			145.302383	-38.146691	351241	5776542	55		1/01/1900 0:00	7.5	Groundwater	Observation	Observation	Observation	
WRK144787			145.301282	-38.131433	351118	5778235	55		19/07/2024 0:00	4	Groundwater	Observation	Observation	Observation	
WRK144788			145.300101	-38.132108	351012	5778160	55		19/07/2024 0:00	4.5	Groundwater	Observation	Observation	Observation	
WRK144789			145.300126	-38.131054	351014	5778277	55		19/07/2024 0:00	4	Groundwater	Observation	Observation	Observation	
WRK146371			145.295312	-38.140665	350609	5777198	55		12/12/2024 0:00	6	Groundwater	Observation	Observation	Observation	
WRK979342	SHERWOOD	3487	145.306855	-38.156152	351657	5775505	55	27.55	28/03/2007 0:00	24	Groundwater	DS,	Domestic and Stock		
WRK982919	SHERWOOD	3487	145.308353	-38.156011	351788	5775523	55	27.07		150	Groundwater				
WRK991595	SHERWOOD	3487	145.31589	-38.153335	352443	5775832	55	26.34	8/06/2009 0:00	30	Groundwater	DM,	Domestic		

Appendix E

Auditor Inspection Photos

85, 95 and 105 Devon Road, Devon Meadows





Photograph 1: Residential property



Photograph 2: Empty storage sheds



Photograph 3: Empty storage shed

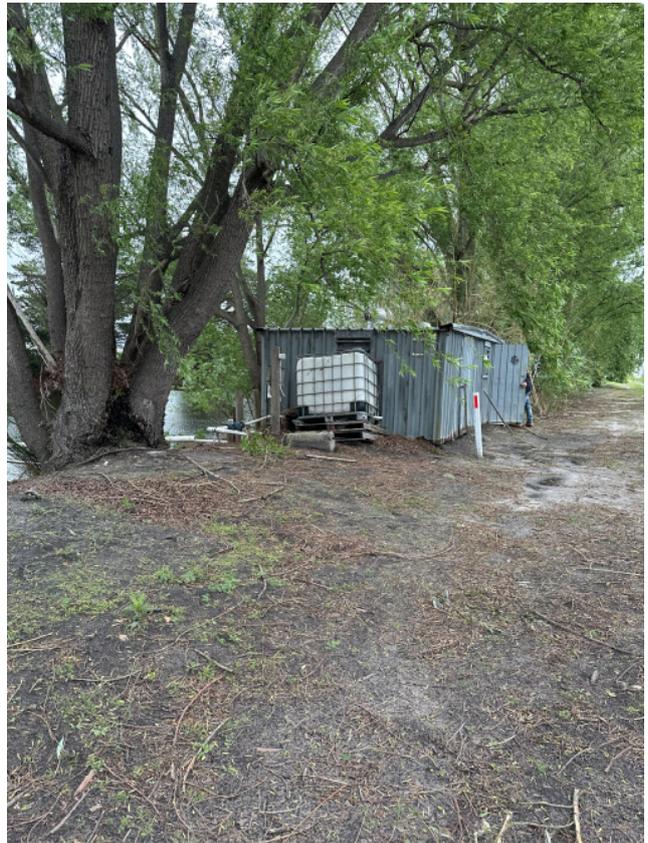


Photograph 4: Former flower growing fields





Photograph 5: Constructed dam



Photograph 6: Irrigation shed next to dam



Photograph 7: Former flower growing fields



Photograph 8: Former flower growing fields





Photograph 9: Residential property



Photograph 10: Former flower growing fields



Photograph 11: Flower growing fields and rubbish



Photograph 12: Chemical storage container





Photograph 13: Rubbish



Photograph 14: Chemical storage shed



Photograph 15: Chemical storage containers and rubbish



Photograph 16: Flower growing fields and rubbish





Photograph 17: Chicken manure stockpiles



Photograph 18: Flower growing fields and rubbish



Photograph 19: Flower growing fields



Photograph 20: Flower growing field and indication of eutrophication





Photograph 21: Flower growing fields and rubbish



Photograph 22: Irrigation shed next to dam



Photograph 23: Dam and adjacent rubbish



Photograph 24: Flower growing fields





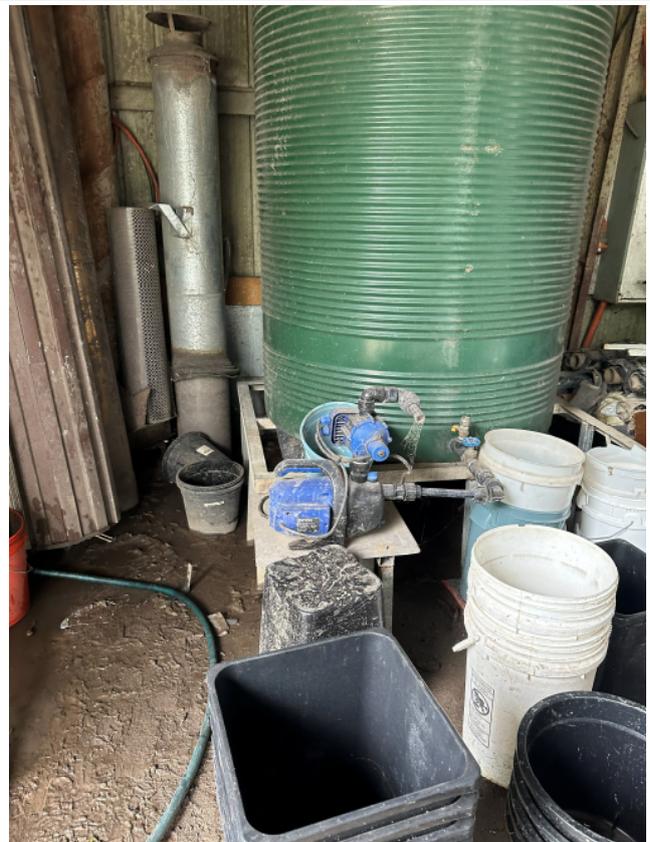
Photograph 25: Stored rubbish and old above ground tank



Photograph 26: Chemical storage shed



Photograph 27: Chemical storage shed



Photograph 28: Chemical storage shed





Photograph 29: Rubbish and overgrown vegetation



Photograph 30: Stored rubbish



Photograph 31: Vehicle storage



Photograph 32: Vehicle maintenance shed





Photograph 33: Vehicle hoist and maintenance shed



Photograph 34: Compressor and oil staining



Photograph 35: Toilet, rubbish and old aboveground storage tank



Photograph 36: Flower growing fields





Photograph 37: Flower growing fields



Photograph 38: Dam and irrigation pipe



Appendix F

Surrounding Audits and PRSAs

85, 95 and 105 Devon Road, Devon Meadows



Nearby Environmental Audit and PRSA Sites

Location / ID No.	Proximity to site	Year completed	Summary
<i>Environmental Audits</i>			
Part of Lot 2, Devon Road, Cranbourne (1780 South Gippsland Highway, Devon Meadows) / 8002065	780 m northeast	2005	<p>Historical use included grazing/agriculture.</p> <p>Geology encountered consisted of natural topsoil comprising silty sand/clayey sand overlying fine to coarse grained silty sands which were underlain by fine to medium grained clayey sand considered to be consistent with Quaternary alluvium and Tertiary Baxter Sandstone.</p> <p>Elevated concentrations of total chromium were reported in soil.</p> <p>Groundwater was encountered at depths between 3.2 and 4.0 mbgl in selected soil bores.</p> <p>One existing groundwater extraction bore (believed to be an abandoned irrigation bore) was gauged, sampled and analysed for nitrate, nitrite, electrical conductivity, total dissolved solids and pH. Standing water level in this bore was gauged at 4.1 mbgl. All analytes were reported below the adopted assessment criteria/guideline limits.</p> <p>TDS was reported to be 380 mg/L.</p> <p>Groundwater flow direction was considered likely to be to the east towards Clyde Creek or southeast towards Western Port Bay.</p> <p>Water from an onsite pond was sampled and reported elevated concentrations of copper and lead.</p> <p>It was concluded that the site had not been impacted by contamination from historical site uses, or adjacent site uses.</p>
1591 South Gippsland Highway, Cranbourne East / 8005311	2 km north-northwest	2018	<p>Historical uses included agricultural, residential, and commercial (towing-business).</p> <p>One underground septic tank was removed.</p> <p>Geology encountered consisted of fill overlying natural sand and clayey sand.</p> <p>Elevated concentrations of E.coli, TRH >C₁₆-C₃₄, and acidic pH levels in were reported in fill and/or natural soil.</p> <p>Standing groundwater levels in onsite wells were between 0.3 and 3.3 mBTOC.</p> <p>Groundwater flow was determined to be to the southeast and considered ultimately to discharge to Western Port Bay.</p> <p>Groundwater flow in the shallow groundwater was influenced by local topography and rainfall recharge in elevated areas and groundwater discharge occurring along drainage lines, creeks, rivers or localised topographic depressions.</p> <p>TDS was reported to be 20 - 344 mg/L.</p>



Location / ID No.	Proximity to site	Year completed	Summary
			<p>Elevated concentrations of aluminium, copper, lead, nickel and zinc were reported in groundwater and considered to be representative of natural background conditions. Acidic pH levels in groundwater at the site, were also considered to be naturally occurring.</p> <p>Elevated concentrations of nitrogen, phosphorus, E.coli and faecal coliforms in groundwater were considered to be regionally occurring/from an offsite up-hydraulic gradient source.</p> <p>The site was designated as a Groundwater Quality Restricted Use Zone (GQRUZ) due to concentrations of E.coli and faecal coliforms.</p>
PRSAs			
65 and 76-80 Devon Road, Devon Meadows / PRSA001246	40 m east-northeast (76-80 Devon Road) and 100 m north (65 Devon Road)	2025	<p>Historical uses included rural residential, market gardens, and greyhound training. The presence of septic tanks was considered likely.</p> <p>The desktop assessment indicated that the underlying geology was likely to be Quaternary inland dune deposits, comprising sand, silt and clay.</p> <p>Groundwater was expected to occur in the Quaternary Aquifer, consisting of sand, gravels, clay and silts, at a depth <5 mbgl.</p> <p>It was considered that Clyde Creek was the predominant surface water body, with several unnamed drainage lines and channels, dams and infilled quarries at the site and in the area. Regionally, groundwater was inferred to flow in a southerly/southeasterly direction towards Western Port Bay.</p> <p>A soil assessment was undertaken prior to the PRSA. Soils encountered consisted of light grey fine sands. Analysis reported no elevated concentrations of potential contaminants in soil at the sites.</p> <p>One groundwater monitoring well was installed at 65 Devon Road, and one groundwater monitoring well was installed at 76-80 Devon Road.</p> <p>Groundwater sampling and analysis undertaken by the auditor reported a TDS concentration range of 518-640 mg/L.</p> <p>Elevated concentrations of chromium, copper, nickel and zinc, nitrate, total nitrogen and phosphorus were reported in groundwater. The site was considered unlikely to be the source of the metals concentrations. The eastern portion of 65 Devon Road was considered a potential source of the nitrate, total nitrogen and phosphorus contamination.</p> <p>It was considered that the site was likely to be contaminated but not considered the source of contamination/ The contamination was not expected to be at levels that would prevent or restrict the proposed use of the site. The presence of waste in the eastern portion of 65 Devon Road was considered to be a risk to human health or the environment and as such an audit was recommended for the eastern portion of 65 Devon Road. An audit was not considered to be required to the remainder of 65 Devon Road or 76-80 Devon Road.</p>



Location / ID No.	Proximity to site	Year completed	Summary
28A, 28B, 30A, 30B, 32-34, Part of 36-38 Craig Road, Junction Village / PRSA001200	470 m north-northwest	2024	<p>Historical use included rural residential, open paddocks, and commercial/storage. The presence of septic tanks was considered likely.</p> <p>The desktop assessment indicated that the underlying geology was likely to be Quaternary inland dune deposits, consisting of sand, silt and clay.</p> <p>Groundwater was expected to occur in the Quaternary Aquifer, consisting of sand, gravels, clay and silts, at a depth <5 mbgl.</p> <p>It was noted that salinity reported in registered bores in the area ranged between 266 and 5,760 mg/L. Given this, and TDS reported at nearby audits, groundwater at the site was classified as Segment A2.</p> <p>Groundwater was inferred to flow in a southerly/southeasterly direction towards Western Port Bay.</p> <p>A soil assessment was undertaken with shallow soils encountered consisting of light grey sands. Analysis reported no elevated concentrations of potential contaminants with the exception of zinc in one sample which was determined to be statistically not relevant. Low concentrations of TRH C₁₀-C₄₀ were reported and were considered to be due to natural organic material and not petroleum related.</p> <p>It was considered that there was low potential for contamination at the site and impacts to land and water environmental values was considered unlikely. The risk posed by historical septic tanks and potential for contamination was considered to be low given lack of recent use of the septic system.</p> <p>Overall, it was considered unlikely that contaminated land is present at the site, and an environmental audit was not required.</p>

