

Certificate of Analysis

Client: [REDACTED]

Project: 24103716

Quote: BEC241037346 V1.2

Project Ref: Scheduled Samples 11-2024

Site: Stoney Hill adhoc 6-monthly

Contact: [REDACTED]

Address: [REDACTED]
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E-Mail: [REDACTED]

Phone: [REDACTED]

No. Samples Received: 8

Date Received: 26/10/2024

Analysis Completed: 11/11/2024

Date Issued: 11/11/2024

Report Type: Version 01

This report supersedes any versions previously issued by the laboratory

[REDACTED]

Reported by Customer Service Co-Ordinator

[REDACTED]



Project Number: 24103716

Client: [REDACTED]

Date Issued: 11/11/2024

Project Name: Scheduled Samples 11-2024 - Stoney Hill adhoc 6-monthly

Samples Analysed

<u>Text ID</u>	<u>Sample Reference</u>	<u>Sampling Date</u>	<u>Sample Type</u>	<u>Sample Description</u>
24103716-001	Pond A	24/10/2024 10:30:00	WATER	Surface Water
24103716-002	Pond B	24/10/2024 11:00:00	WATER	Surface Water
24103716-003	Pond C	24/10/2024 11:30:00	WATER	Surface Water
24103716-004	US1	24/10/2024 12:30:00	WATER	Surface Water
24103716-005	LD1	24/10/2024 13:00:00	WATER	Surface Water
24103716-006	DS1	24/10/2024 13:30:00	WATER	Surface Water
24103716-007	TW1 (Surface)	24/10/2024 14:00:00	WATER	Landfill Leachate
24103716-008	TW1 (Base Ditch)	24/10/2024 14:30:00	WATER	Landfill Leachate



Project Number: 24103716

Client: ██████████

Date Issued: 11/11/2024

Project Name: Scheduled Samples 11-2024 - Stoney Hill adhoc 6-monthly



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Analysis Results

		SOCOTEC Sample ID:						
		24103716-001	24103716-002	24103716-003	24103716-004	24103716-005		
		Sampling Date:						
		24/10/2024 10:30	24/10/2024 11:00	24/10/2024 11:30	24/10/2024 12:30	24/10/2024 13:00		
		Customer ID:						
		Accred.:						
Method Code	Analysis	MDL	Pond A	Pond B	Pond C	US1	LD1	
Visual Exam for TPH	Visual TPH	-	Absent	Absent	Absent	Absent	Absent	
PHCONDW	pH	1 pH units	7.3	6.8	6.7	8.0	8.2	
WSLM11	COD (Settled)	5 mg/l	33	80	36	13	13	
WSLM10	Total Suspended Solids	5 mg/l	15	297	<5	10	18	
KONENS	Ammoniacal Nitrogen as N	0.01 mg/l	0.03	0.05	0.20	0.17	<0.01	
SFAPI	Phenol Index	0.05 mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	
SFAPI	Sulphide as S	0.02 mg/l	0.04	1.92	0.05	<0.02	<0.02	
ICPWATVART (Total)	Aluminium as Al	0.01 mg/l	0.03	0.39	0.34	0.11	0.15	
ICPMSWT (Total)	Total Chromium as Cr	0.001 mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	
ICPMSWT (Total)	Copper as Cu	0.001 mg/l	0.001	0.001	0.002	0.003	0.002	
ICPWATVART (Total)	Iron as Fe	0.01 mg/l	0.29	11.6	0.46	0.21	0.62	
ICPMSWT (Total)	Lead as Pb	0.0002 mg/l	<0.0002	0.0015	0.0004	0.0020	0.0014	
ICPMSWT (Total)	Nickel as Ni	0.001 mg/l	<0.010	0.004	<0.001	<0.001	<0.001	
ICPWATVART (Total)	Phosphorus as P	0.1 mg/l	<0.1	0.2	0.2	<0.1	<0.1	
ICPWATVART (Total)	Total Sulphur as SO4	3 mg/l	33	36	67	78	95	
ICPMSWT (Total)	Zinc as Zn	0.002 mg/l	0.049	0.069	0.080	0.025	0.039	
BTEXHSA	Benzene (HS_1D_AR)	5 µg/l	<5	<5	<5	<5	<5	
	Toluene (HS_1D_AR)	5 µg/l	<5	<5	<5	<5	<5	
	Ethylbenzene (HS_1D_AR)	5 µg/l	<5	<5	<5	<5	<5	
	m/p-Xylene (HS_1D_AR)	10 µg/l	<10	<10	<10	<10	<10	
	o-Xylene (HS_1D_AR)	5 µg/l	<5	<5	<5	<5	<5	
DISGAS	Dissolved Methane	0.02 mg/l	N	<0.02	0.98	0.05	<0.02	<0.02
	Total GRO C5-C10 (HS_1D_Total)	0.1 mg/l	U	<0.100* _a	<0.100* _a	<0.100* _a	<0.100* _a	<0.100* _a
	C5-C6 Aliphatic (HS_1D_AL)	0.1 mg/l	N	<0.100	<0.100	<0.100	<0.100	<0.100
	>C6-C7 Aliphatic (HS_1D_AL)	0.1 mg/l	N	<0.100	<0.100	<0.100	<0.100	<0.100
	>C7-C8 Aliphatic (HS_1D_AL)	0.1 mg/l	N	<0.100	<0.100	<0.100	<0.100	<0.100
	>C8-C10 Aliphatic (HS_1D_AL)	0.1 mg/l	N	<0.100	<0.100	<0.100	<0.100	<0.100
	C5-C7 Aromatic (HS_1D_AR)	0.005 mg/l	U	<0.005	<0.005	<0.005	<0.005	<0.005
	>C7-C8 Aromatic (HS_1D_AR)	0.005 mg/l	U	<0.005	<0.005	<0.005	<0.005	<0.005
	>C8-C10 Aromatic (HS_1D_AR)	0.02 mg/l	U	<0.020	<0.020	<0.020	<0.020	<0.020
	Total TPH >C8-C40 (Aliphatic) (EH_CU_1D_AL)	0.01 mg/l	U	0.01	0.89	0.01	0.01	<0.01
	>C10-C12 (Aliphatic) (EH_CU_1D_AL)	0.01 mg/l	U	<0.01	<0.40 _b	<0.01	<0.01	<0.01
>C12-C16 (Aliphatic) (EH_CU_1D_AL)	0.01 mg/l	U	<0.01	<0.40 _b	<0.01	<0.01	<0.01	
>C16-C21 (Aliphatic) (EH_CU_1D_AL)	0.01 mg/l	U	<0.01	<0.40 _b	<0.01	<0.01	<0.01	
>C21-C35 (Aliphatic) (EH_CU_1D_AL)	0.01 mg/l	U	<0.01	0.40	<0.01	<0.01	<0.01	
TPHFID (Aliphatic)	Total TPH >C8-C40 (Aromatic) (EH_CU_1D_AR)	0.01 mg/l	U	0.04	1.45	0.04	0.02	0.04
	>C10-C12 (Aromatic) (EH_CU_1D_AR)	0.01 mg/l	U	<0.01	<0.40 _b	<0.01	<0.01	<0.01
	>C12-C16 (Aromatic) (EH_CU_1D_AR)	0.01 mg/l	U	<0.01	<0.40 _b	<0.01	<0.01	<0.01
	>C16-C21 (Aromatic) (EH_CU_1D_AR)	0.01 mg/l	U	<0.01	<0.40 _b	<0.01	<0.01	<0.01
	>C21-C35 (Aromatic) (EH_CU_1D_AR)	0.01 mg/l	U	0.03	0.74	0.02	<0.01	0.02
TPHFID (Aromatic)	1,2,4-Trichlorobenzene	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005
	1,2-Dichlorobenzene	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005
	1,3-Dichlorobenzene	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005
	1,4-Dichlorobenzene	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005
	1-Methylnaphthalene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002
2,4,5-Trichlorophenol	0.02 mg/l	N	<0.100 _b	<0.400 _b	<0.100 _b	<0.020	<0.020	
2,4,6-Trichlorophenol	0.02 mg/l	N	<0.100 _b	<0.400 _b	<0.100 _b	<0.020	<0.020	
2,4-Dichlorophenol	0.02 mg/l	N	<0.100 _b	<0.400 _b	<0.100 _b	<0.020	<0.020	
2,4-Dimethylphenol	0.02 mg/l	N	<0.100 _b	<0.400 _b	<0.100 _b	<0.020	<0.020	
2,4-Dinitrophenol	0.01 mg/l	N	<0.050 _b	<0.200 _b	<0.050 _b	<0.010	<0.010	
2,4-Dinitrotoluene	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
2,6-Dinitrotoluene	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
2-Chloronaphthalene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
2-Chlorophenol	0.02 mg/l	N	<0.100 _b	<0.400 _b	<0.100 _b	<0.020	<0.020	
2-Methylnaphthalene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
2-Methylphenol	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
2-Nitroaniline	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
2-Nitrophenol	0.02 mg/l	N	<0.100 _b	<0.400 _b	<0.100 _b	<0.020	<0.020	
3- & 4-Methylphenol	0.02 mg/l	N	<0.100 _b	<0.400 _b	<0.100 _b	<0.020	<0.020	
3-Nitroaniline	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
4,6-Dinitro-2-methylphenol	0.05 mg/l	N	<0.250 _b	<1.00 _b	<0.250 _b	<0.050	<0.050	
4-Bromophenyl-phenylether	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
4-Chloro-3-methylphenol	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
4-Chloroaniline	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
4-Chlorophenol	0.02 mg/l	N	<0.100 _b	<0.400 _b	<0.100 _b	<0.020	<0.020	
4-Chlorophenyl-phenylether	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
4-Nitroaniline	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	
4-Nitrophenol	0.05 mg/l	N	<0.250 _b	<1.00 _b	<0.250 _b	<0.050	<0.050	
Acenaphthene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
Acenaphthylene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
Anthracene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
Azobenzene	0.01 mg/l	N	<0.050 _b	<0.200 _b	<0.050 _b	<0.010	<0.010	
Benzo[a]anthracene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
Benzo[a]pyrene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
Benzo[b]fluoranthene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
Benzo[g,h,i]perylene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
Benzo[k]fluoranthene	0.002 mg/l	N	<0.010 _b	<0.040 _b	<0.010 _b	<0.002	<0.002	
Benzoic Acid	0.1 mg/l	N	<0.500 _b	<2.00 _b	<0.500 _b	<0.100	<0.100	
Benzyl alcohol	0.005 mg/l	N	<0.025 _b	<0.100 _b	<0.025 _b	<0.005	<0.005	



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Analysis Results

SOCOTEC Sample ID:	24103716-001	24103716-002	24103716-003	24103716-004	24103716-005
Sampling Date:	24/10/2024 10:30	24/10/2024 11:00	24/10/2024 11:30	24/10/2024 12:30	24/10/2024 13:00
Customer ID:					
Accred.	Pond A	Pond B	Pond C	US1	LD1

Method Code	Analysis	MDL	Accred.	Pond A	Pond B	Pond C	US1	LD1
SVOCSW	Biphenyl	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
	bis(2-Chloroethoxy)methane	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	bis(2-Chloroethyl)ether	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	bis(2-Chloroisopropyl)ether	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	bis(2-Ethylhexyl)phthalate	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Butylbenzylphthalate	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Carbazole	0.01 mg/l	N	<0.050	<0.200	<0.050	<0.010	<0.010
	Chrysene	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
	Coronene	0.05 mg/l	N	<0.250	<1.00	<0.250	<0.050	<0.050
	Dibenzo[a,h]anthracene	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
	Dibenzofuran	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Diethylphthalate	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Dimethylphthalate	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Di-n-butylphthalate	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Di-n-octylphthalate	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
	Diphenyl ether	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
	Fluoranthene	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
	Fluorene	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
	Hexachlorobenzene	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Hexachlorobutadiene	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Hexachlorocyclopentadiene	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Hexachloroethane	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Indeno[1,2,3-cd]pyrene	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
	Isophorone	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Naphthalene	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
	Nitrobenzene	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	N-Nitroso-di-n-propylamine	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	N-Nitrosodiphenylamine	0.005 mg/l	N	<0.025	<0.100	<0.025	<0.005	<0.005
	Pentachlorophenol	0.05 mg/l	N	<0.250	<1.00	<0.250	<0.050	<0.050
	Phenanthrene	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002
Phenol	0.02 mg/l	N	<0.100	<0.400	<0.100	<0.020	<0.020	
Pyrene	0.002 mg/l	N	<0.010	<0.040	<0.010	<0.002	<0.002	
VOCHSAW	1,1,1,2-Tetrachloroethane	1 µg/l	U	<1	<1	<1	<1	<1
	1,1,1-Trichloroethane	1 µg/l	U	<1	<1	<1	<1	<1
	1,1,2,2-Tetrachloroethane	1 µg/l	N	<1	<1	<1	<1	<1
	1,1,2-Trichloroethane	1 µg/l	U	<1	<1	<1	<1	<1
	1,1-Dichloroethane	1 µg/l	U	<1	<1	<1	<1	<1
	1,1-Dichloroethene	1 µg/l	U	<1	<1	<1	<1	<1
	1,1-Dichloropropene	1 µg/l	U	<1	<1	<1	<1	<1
	1,2,3-Trichlorobenzene	5 µg/l	U	<5	<5	<5	<5	<5
	1,2,3-Trichloropropane	1 µg/l	U	<1	<1	<1	<1	<1
	1,2,4-Trichlorobenzene	5 µg/l	U	<5	<5	<5	<5	<5
	1,2,4-Trimethylbenzene	1 µg/l	U	<1	<1	<1	<1	<1
	1,2-Dibromo-3-chloropropane	5 µg/l	U	<5	<5	<5	<5	<5
	1,2-Dibromoethane	1 µg/l	U	<1	<1	<1	<1	<1
	1,2-Dichlorobenzene	5 µg/l	U	<5	<5	<5	<5	<5
	1,2-Dichloroethane	1 µg/l	U	<1	<1	<1	<1	<1
	1,2-Dichloropropane	1 µg/l	U	<1	<1	<1	<1	<1
	1,3,5-Trimethylbenzene	0.6 µg/l	U	<0.6	<0.6	<0.6	<0.6	<0.6
	1,3-Dichlorobenzene	1 µg/l	U	<1	<1	<1	<1	<1
	1,3-Dichloropropane	1 µg/l	N	<1	<1	<1	<1	<1
	1,4-Dichlorobenzene	1 µg/l	U	<1	<1	<1	<1	<1
	2,2-Dichloropropane	1 µg/l	N	<1	<1	<1	<1	<1
	2-Chlorotoluene	1 µg/l	U	<1	<1	<1	<1	<1
	4-Chlorotoluene	1 µg/l	U	<1	<1	<1	<1	<1
	Benzene	1 µg/l	U	<1	<1	<1	<1	<1
	Bromobenzene	1 µg/l	U	<1	<1	<1	<1	<1
	Bromochloromethane	1 µg/l	U	<1	<1	<1	<1	<1
	Bromodichloromethane	1 µg/l	U	<1	<1	<1	<1	<1
	Bromoform	1 µg/l	U	<1	<1	<1	<1	<1
	Bromomethane	5 µg/l	N	<5	<5	<5	<5	<5
	Carbon Tetrachloride	1 µg/l	U	<1	<1	<1	<1	<1
	Chlorobenzene	1 µg/l	U	<1	<1	<1	<1	<1
	Chloroethane	5 µg/l	U	<5	<5	<5	<5	<5
	Chloroform	5 µg/l	U	<5	<5	<5	<5	<5
	Chloromethane	1 µg/l	U	<1	<1	<1	<1	<1
	cis 1,2-Dichloroethene	1 µg/l	U	<1	<1	<1	<1	<1
	cis 1,3-Dichloropropene	1 µg/l	N	<1	<1	<1	<1	<1
	Dibromochloromethane	1 µg/l	U	<1	<1	<1	<1	<1
	Dibromomethane	1 µg/l	U	<1	<1	<1	<1	<1
	Dichlorodifluoromethane	1 µg/l	N	<1	<1	<1	<1	<1
	Ethylbenzene	0.5 µg/l	U	<0.5	<0.5	<0.5	<0.5	<0.5
	Hexachlorobutadiene	5 µg/l	U	<5	<5	<5	<5	<5
	iso-Propylbenzene	1 µg/l	U	<1* _a	<1* _a	<1* _a	<1* _a	<1* _a
	m and p-Xylene	1 µg/l	U	<1	<1	<1	<1	<1
	MTBE	1 µg/l	N	<1	<1	<1	<1	<1
	Naphthalene	5 µg/l	U	<5	<5	<5	<5	<5
n-Butylbenzene	1 µg/l	U	<1	<1	<1	<1	<1	
o-Xylene	1 µg/l	U	<1	<1	<1	<1	<1	

Analysis Results

Method Code	Analysis	SOCOTEC Sample ID:		Customer ID:					
		MDL	Accred.	Pond A	Pond B	Pond C	US1	LD1	
VOCHSAW	p-Isopropyltoluene	1 µg/l	U	<1	<1	<1	<1	<1	
	Propylbenzene	1 µg/l	U	<1	<1	<1	<1	<1	
	sec-Butylbenzene	1 µg/l	U	<1	<1	<1	<1	<1	
	Styrene	1 µg/l	U	<1	<1	<1	<1	<1	
	tert-Butylbenzene	1 µg/l	U	<1	<1	<1	<1	<1	
	Tetrachloroethene	5 µg/l	U	<5	<5	<5	<5	<5	
	Toluene	1 µg/l	U	<1	<1	<1	<1	<1	
	trans 1,2-Dichloroethene	1 µg/l	U	<1	<1	<1	<1	<1	
	trans 1,3-Dichloropropene	1 µg/l	U	<1	<1	<1	<1	<1	
	Trichloroethene	5 µg/l	U	<5	<5	<5	<5	<5	
	Trichlorofluoromethane	1 µg/l	U	<1	<1	<1	<1	<1	
	Vinyl Chloride	1 µg/l	U	<1* _a	<1* _a	<1* _a	<1* _a	<1* _a	
	TIC List	5 µg/l	N	See Attached	See Attached	See Attached	See Attached	See Attached	
	PESTSW-OCP	1,2,3,4-Tetrachlorobenzene	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
1,2,3-Trichlorobenzene		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
1,3,5-Trichlorobenzene		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
2,6-Dichlorobenzonitrile		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Aldrin		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Alpha-HCH		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Beta-HCH		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Chlorthalonil		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
cis-Chlordane		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
cis-Permethrin		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Delta-HCH		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Dieldrin		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Endosulfan I		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Endosulfan II		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Endosulfan sulfate		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Endrin		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Endrin ketone		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Gamma-HCH		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Heptachlor		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Heptachlor epoxide		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Hexachlorobenzene		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Isodrin		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Methoxychlor		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
o,p'-DDD		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
o,p'-DDE		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
o,p'-DDT		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
p,p'-DDD		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
p,p'-DDE		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
p,p'-DDT		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Pendimethalin		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Pentachlorobenzene		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Propylthiamide		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Tecnazene		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
trans-Chlordane		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
trans-Permethrin		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Triadimefon		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Triallate		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
Trifluralin		0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
PESTSW-OPP		Azinphos-ethyl	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
		Azinphos-methyl	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
		Carbofention	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
		Chlorpyrifos	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
		Chlorpyrifos-methyl	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
		Clorfenvinfos	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
		Diazinon	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
		Dichlorvos	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
		Dimethoate	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
		Ethion	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01
	Etrimphos	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Fenitrothion	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Fenthion	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Malathion	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Methacrifos	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Mevinphos	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Parathion	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Parathion-methyl	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Phosalone	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Phosphamidon	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Pirimiphos-ethyl	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Pirimiphos-methyl	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Propetamphos	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	Triazophos	0.01 µg/l	N	<0.01	<0.05 _a	<0.01	<0.05 _a	<0.01	
	PESTSW-OPP	Ametryn	0.02 µg/l	N	<0.02	<0.10 _a	<0.02	<0.10 _a	<0.02
		Atrazine	0.03 µg/l	N	<0.03	<0.15 _a	<0.03	<0.15 _a	<0.03
		Prometryn	0.03 µg/l	N	<0.03	<0.15 _a	<0.03	<0.15 _a	<0.03
		Propazine	0.03 µg/l	N	<0.03	<0.15 _a	<0.03	<0.15 _a	<0.03



Project Number: 24103716

Client: [REDACTED]

Date Issued: 11/11/2024

Project Name: Scheduled Samples 11-2024 - Stoney Hill adhoc 6-monthly



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Analysis Results

SOCOTEC Sample ID:	24103716-001	24103716-002	24103716-003	24103716-004	24103716-005
Sampling Date:	24/10/2024 10:30	24/10/2024 11:00	24/10/2024 11:30	24/10/2024 12:30	24/10/2024 13:00

Method Code	Analysis	Customer ID:		Pond A	Pond B	Pond C	US1	LD1
		MDL	Accred.					
PESTSW-OPP	Simazine	0.03 µg/l	N	<0.03	<0.15 °	<0.03	<0.15 °	<0.03
	Terbutryn	0.03 µg/l	N	<0.03	<0.15 °	<0.03	<0.15 °	<0.03
	Terbutylazine	0.1 µg/l	N	<0.10	<0.50 °	<0.10	<0.50 °	<0.10
	Trietazine	0.02 µg/l	N	<0.02	<0.10 °	<0.02	<0.10 °	<0.02
PCBECD	PCB 28	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 52	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 77	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 81	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 101	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 105	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 114	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 118	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 123	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 126	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 138	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 153	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 156	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 157	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 167	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 169	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 180	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01
	PCB 189	0.01 µg/l	N	<0.01	<0.01	<0.01	<0.01	<0.01



Project Number: 24103716

Client: [REDACTED]

Date Issued: 11/11/2024

Project Name: Scheduled Samples 11-2024 - Stoney Hill adhoc 6-monthly



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Analysis Results

SOCOTEC Sample ID:	24103716-006	24103716-007	24103716-008
Sampling Date:	24/10/2024 13:30	24/10/2024 14:00	24/10/2024 14:30

Customer ID:	DS1	TW1 (Surface)	TW1 (Base Ditch)
Accred.			

Method Code	Analysis	MDL	Accred.	DS1	TW1 (Surface)	TW1 (Base Ditch)
Visual Exam for TPH	Visual TPH	-	N	Absent	Absent	Absent
PHCONDW	pH	1 pH units	U	8.2	6.9	7.6
WSLM11	COD (Settled)	5 mg/l	U	11	137	111
WSLM10	Total Suspended Solids	5 mg/l	U	17	96*	4290*
KONENS	Ammoniacal Nitrogen as N	0.01 mg/l	U	<0.01	144	87.4
SFAPI	Phenol Index	0.05 mg/l	U	<0.05	<0.05	<0.05
SFAPI	Sulphide as S	0.02 mg/l	U	<0.02	0.05	0.06
ICPWATVART (Total)	Aluminium as Al	0.01 mg/l	U	0.07	<0.01	3.18
ICPMSWT (Total)	Total Chromium as Cr	0.001 mg/l	U	<0.001	0.004	0.038
ICPMSWT (Total)	Copper as Cu	0.001 mg/l	U	0.003	<0.001	0.294
ICPWATVART (Total)	Iron as Fe	0.01 mg/l	U	0.32	0.24	110
ICPMSWT (Total)	Lead as Pb	0.0002 mg/l	U	0.0012	<0.0002	0.293
ICPMSWT (Total)	Nickel as Ni	0.001 mg/l	U	<0.001	0.001	0.044
ICPWATVART (Total)	Phosphorus as P	0.1 mg/l	N	<0.1	<0.1	0.6
ICPWATVART (Total)	Total Sulphur as SO4	3 mg/l	U	100	10	20
ICPMSWT (Total)	Zinc as Zn	0.002 mg/l	U	0.032	0.013	0.605
BTXHSA	Benzene (HS_ID_AR)	5 µg/l	U	<5	<5*	<5*
	Toluene (HS_ID_AR)	5 µg/l	U	<5	<5*	<5*
	Ethylbenzene (HS_ID_AR)	5 µg/l	U	<5	<5*	<5*
	m/p-Xylene (HS_ID_AR)	10 µg/l	U	<10	<10*	<10*
	o-Xylene (HS_ID_AR)	5 µg/l	U	<5	<5*	<5*
DISGAS	Dissolved Methane	0.02 mg/l	N	<0.02	22.0	<0.02
	Total GRO C5-C10 (HS_ID_Total)	0.1 mg/l	U	<0.100* _a	<0.100* _a	<0.100* _a
GROHSA/BTEXHSA	C5-C6 Aliphatic (HS_ID_AL)	0.1 mg/l	N	<0.100	<0.100	<0.100
	>C6-C7 Aliphatic (HS_ID_AL)	0.1 mg/l	N	<0.100	<0.100	<0.100
	>C7-C8 Aliphatic (HS_ID_AL)	0.1 mg/l	N	<0.100	<0.100	<0.100
	>C8-C10 Aliphatic (HS_ID_AL)	0.1 mg/l	N	<0.100	<0.100	<0.100
	C5-C7 Aromatic (HS_ID_AR)	0.005 mg/l	U	<0.005	<0.005*	<0.005*
	>C7-C8 Aromatic (HS_ID_AR)	0.005 mg/l	U	<0.005	<0.005*	<0.005*
	>C8-C10 Aromatic (HS_ID_AR)	0.02 mg/l	U	<0.020	<0.020*	<0.020*
TPHFID (Aliphatic)	Total TPH >C8-C40 (Aliphatic) (EH_CU_ID_AL)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
	>C10-C12 (Aliphatic) (EH_CU_ID_AL)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
	>C12-C16 (Aliphatic) (EH_CU_ID_AL)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
	>C16-C21 (Aliphatic) (EH_CU_ID_AL)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
	>C21-C35 (Aliphatic) (EH_CU_ID_AL)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
TPHFID (Aromatic)	Total TPH >C8-C40 (Aromatic) (EH_CU_ID_AR)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
	>C10-C12 (Aromatic) (EH_CU_ID_AR)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
	>C12-C16 (Aromatic) (EH_CU_ID_AR)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
	>C16-C21 (Aromatic) (EH_CU_ID_AR)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
	>C21-C35 (Aromatic) (EH_CU_ID_AR)	0.01 mg/l	U	<0.01	<0.10 _a	<0.10 _a
SVOCSW	1,2,4-Trichlorobenzene	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	1,2-Dichlorobenzene	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	1,3-Dichlorobenzene	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	1,4-Dichlorobenzene	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	1-Methylnaphthalene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a
	2,4,5-Trichlorophenol	0.02 mg/l	N	<0.020	<0.100 _a	<0.200 _a
	2,4,6-Trichlorophenol	0.02 mg/l	N	<0.020	<0.100 _a	<0.200 _a
	2,4-Dichlorophenol	0.02 mg/l	N	<0.020	<0.100 _a	<0.200 _a
	2,4-Dimethylphenol	0.02 mg/l	N	<0.020	<0.100 _a	<0.200 _a
	2,4-Dinitrophenol	0.01 mg/l	N	<0.010	<0.050 _a	<0.100 _a
	2,4-Dinitrotoluene	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	2,6-Dinitrotoluene	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	2-Chloronaphthalene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a
	2-Chlorophenol	0.02 mg/l	N	<0.020	<0.100 _a	<0.200 _a
	2-Methylnaphthalene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a
	2-Methylphenol	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	2-Nitroaniline	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	2-Nitrophenol	0.02 mg/l	N	<0.020	<0.100 _a	<0.200 _a
	3- & 4-Methylphenol	0.02 mg/l	N	<0.020	<0.100 _a	<0.200 _a
	3-Nitroaniline	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	4,6-Dinitro-2-methylphenol	0.05 mg/l	N	<0.050	<0.250 _a	<0.500 _a
	4-Bromophenyl-phenylether	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	4-Chloro-3-methylphenol	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	4-Chloroaniline	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	4-Chlorophenol	0.02 mg/l	N	<0.020	<0.100 _a	<0.200 _a
	4-Chlorophenyl-phenylether	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	4-Nitroaniline	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a
	4-Nitrophenol	0.05 mg/l	N	<0.050	<0.250 _a	<0.500 _a
	Acenaphthene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a
	Acenaphthylene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a
	Anthracene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a
	Azobenzene	0.01 mg/l	N	<0.010	<0.050 _a	<0.100 _a
	Benzo[a]anthracene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a
	Benzo[a]pyrene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a
	Benzo[b]fluoranthene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a
Benzo[g,h,i]perylene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a	
Benzo[k]fluoranthene	0.002 mg/l	N	<0.002	<0.010 _a	<0.020 _a	
Benzoic Acid	0.1 mg/l	N	<0.100	<0.500 _a	<1.00 _a	
Benzyl alcohol	0.005 mg/l	N	<0.005	<0.025 _a	<0.050 _a	



Project Number: 24103716

Client: [REDACTED]

Date Issued: 11/11/2024

Project Name: Scheduled Samples 11-2024 - Stoney Hill adhoc 6-monthly



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Analysis Results

SOCOTEC Sample ID:	24103716-006	24103716-007	24103716-008
Sampling Date:	24/10/2024 13:30	24/10/2024 14:00	24/10/2024 14:30
Customer ID:	DS1	TW1 (Surface)	TW1 (Base Ditch)
Accred.			

Method Code	Analysis	MDL	Accred.	DS1	TW1 (Surface)	TW1 (Base Ditch)
SVOCSW	Biphenyl	0.002 mg/l	N	<0.002	<0.010	<0.020
	bis(2-Chloroethoxy)methane	0.005 mg/l	N	<0.005	<0.025	<0.050
	bis(2-Chloroethyl)ether	0.005 mg/l	N	<0.005	<0.025	<0.050
	bis(2-Chloroisopropyl)ether	0.005 mg/l	N	<0.005	<0.025	<0.050
	bis(2-Ethylhexyl)phthalate	0.005 mg/l	N	<0.005	<0.025	<0.050
	Butylbenzylphthalate	0.005 mg/l	N	<0.005	<0.025	<0.050
	Carbazole	0.01 mg/l	N	<0.010	<0.050	<0.100
	Chrysene	0.002 mg/l	N	<0.002	<0.010	<0.020
	Coronene	0.05 mg/l	N	<0.050	<0.250	<0.500
	Dibenzo[a,h]anthracene	0.002 mg/l	N	<0.002	<0.010	<0.020
	Dibenzofuran	0.005 mg/l	N	<0.005	<0.025	<0.050
	Diethylphthalate	0.005 mg/l	N	<0.005	<0.025	<0.050
	Dimethylphthalate	0.005 mg/l	N	<0.005	<0.025	<0.050
	Di-n-butylphthalate	0.005 mg/l	N	<0.005	<0.025	<0.050
	Di-n-octylphthalate	0.002 mg/l	N	<0.002	<0.010	<0.020
	Diphenyl ether	0.002 mg/l	N	<0.002	<0.010	<0.020
	Fluoranthene	0.002 mg/l	N	<0.002	<0.010	<0.020
	Fluorene	0.002 mg/l	N	<0.002	<0.010	<0.020
	Hexachlorobenzene	0.005 mg/l	N	<0.005	<0.025	<0.050
	Hexachlorobutadiene	0.005 mg/l	N	<0.005	<0.025	<0.050
	Hexachlorocyclopentadiene	0.005 mg/l	N	<0.005	<0.025	<0.050
	Hexachloroethane	0.005 mg/l	N	<0.005	<0.025	<0.050
	Indeno[1,2,3-cd]pyrene	0.002 mg/l	N	<0.002	<0.010	<0.020
	Isophorone	0.005 mg/l	N	<0.005	<0.025	<0.050
	Naphthalene	0.002 mg/l	N	<0.002	<0.010	<0.020
	Nitrobenzene	0.005 mg/l	N	<0.005	<0.025	<0.050
	N-Nitroso-di-n-propylamine	0.005 mg/l	N	<0.005	<0.025	<0.050
	N-Nitrosodiphenylamine	0.005 mg/l	N	<0.005	<0.025	<0.050
	Pentachlorophenol	0.05 mg/l	N	<0.050	<0.250	<0.500
	Phenanthrene	0.002 mg/l	N	<0.002	<0.010	<0.020
Phenol	0.02 mg/l	N	<0.020	<0.100	<0.200	
Pyrene	0.002 mg/l	N	<0.002	<0.010	<0.020	
VOCSAW	1,1,1,2-Tetrachloroethane	1 µg/l	U	<1	<1*	<1*
	1,1,1-Trichloroethane	1 µg/l	U	<1	<1*	<1*
	1,1,2,2-Tetrachloroethane	1 µg/l	N	<1	<1	<1
	1,1,2-Trichloroethane	1 µg/l	U	<1	<1*	<1*
	1,1-Dichloroethane	1 µg/l	U	<1	<1*	<1*
	1,1-Dichloroethene	1 µg/l	U	<1	<1*	<1*
	1,1-Dichloropropene	1 µg/l	U	<1	<1*	<1*
	1,2,3-Trichlorobenzene	5 µg/l	U	<5	<5*	<5*
	1,2,3-Trichloropropane	1 µg/l	U	<1	<1*	<1*
	1,2,4-Trichlorobenzene	5 µg/l	U	<5	<5*	<5*
	1,2,4-Trimethylbenzene	1 µg/l	U	<1	22*	<1*
	1,2-Dibromo-3-chloropropane	5 µg/l	U	<5	<5*	<5*
	1,2-Dibromoethane	1 µg/l	U	<1	<1*	<1*
	1,2-Dichlorobenzene	5 µg/l	U	<5	<5*	<5*
	1,2-Dichloroethane	1 µg/l	U	<1	<1*	<1*
	1,2-Dichloropropane	1 µg/l	U	<1	<1*	<1*
	1,3,5-Trimethylbenzene	0.6 µg/l	U	<0.6	<0.6*	<0.6*
	1,3-Dichlorobenzene	1 µg/l	U	<1	<1*	<1*
	1,3-Dichloropropane	1 µg/l	N	<1	<1	<1
	1,4-Dichlorobenzene	1 µg/l	U	<1	2*	<1*
	2,2-Dichloropropane	1 µg/l	N	<1	<1	<1
	2-Chlorotoluene	1 µg/l	U	<1	<1*	<1*
	4-Chlorotoluene	1 µg/l	U	<1	<1*	<1*
	Benzene	1 µg/l	U	<1	2*	<1*
	Bromobenzene	1 µg/l	U	<1	<1*	<1*
	Bromochloromethane	1 µg/l	U	<1	<1*	<1*
	Bromodichloromethane	1 µg/l	U	<1	<1*	<1*
	Bromoform	1 µg/l	U	<1	<1*	<1*
	Bromomethane	5 µg/l	N	<5	<5	<5
	Carbon Tetrachloride	1 µg/l	U	<1	<1*	<1*
	Chlorobenzene	1 µg/l	U	<1	4*	<1*
	Chloroethane	5 µg/l	U	<5	<5*	<5*
	Chloroform	5 µg/l	U	<5	<5*	<5*
	Chloromethane	1 µg/l	U	<1	<1*	<1*
	cis 1,2-Dichloroethene	1 µg/l	U	<1	<1*	<1*
	cis 1,3-Dichloropropene	1 µg/l	N	<1	<1	<1
	Dibromochloromethane	1 µg/l	U	<1	<1*	<1*
	Dibromomethane	1 µg/l	U	<1	<1*	<1*
	Dichlorodifluoromethane	1 µg/l	N	<1	<1	<1
	Ethylbenzene	0.5 µg/l	U	<0.5	<0.5*	<0.5*
	Hexachlorobutadiene	5 µg/l	U	<5	<5*	<5*
	iso-Propylbenzene	1 µg/l	U	<1*	1* _a	<1* _a
	m and p-Xylene	1 µg/l	U	<1	3*	<1*
	MTBE	1 µg/l	N	<1	<1	<1
	Naphthalene	5 µg/l	U	<5	<5*	<5*
n-Butylbenzene	1 µg/l	U	<1	<1*	<1*	
o-Xylene	1 µg/l	U	<1	<1*	<1*	

Analysis Results

SOCOTEC Sample ID:	24103716-006	24103716-007	24103716-008
Sampling Date:	24/10/2024 13:30	24/10/2024 14:00	24/10/2024 14:30

Customer ID:	DS1	TW1 (Surface)	TW1 (Base Ditch)
Accred.			

Method Code	Analysis	MDL	Accred.	DS1	TW1 (Surface)	TW1 (Base Ditch)
VOCHSAW	p-Isopropyltoluene	1 µg/l	U	<1	<1*	<1*
	Propylbenzene	1 µg/l	U	<1	<1*	<1*
	sec-Butylbenzene	1 µg/l	U	<1	<1*	<1*
	Styrene	1 µg/l	U	<1	<1*	<1*
	tert-Butylbenzene	1 µg/l	U	<1	<1*	<1*
	Tetrachloroethene	5 µg/l	U	<5	<5*	<5*
	Toluene	1 µg/l	U	<1	<1*	<1*
	trans 1,2-Dichloroethene	1 µg/l	U	<1	<1*	<1*
	trans 1,3-Dichloropropene	1 µg/l	U	<1	<1*	<1*
	Trichloroethene	5 µg/l	U	<5	<5*	<5*
	Trichlorofluoromethane	1 µg/l	U	<1	<1*	<1*
	Vinyl Chloride	1 µg/l	U	<1* _a	<1* _a	<1* _a
	TIC List	5 µg/l	N	See Attached	See Attached	See Attached
PESTSW-OCP	1,2,3,4-Tetrachlorobenzene	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	1,2,3-Trichlorobenzene	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	1,3,5-Trichlorobenzene	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	2,6-Dichlorobenzonitrile	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Aldrin	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Alpha-HCH	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Beta-HCH	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Chlorthalonil	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	cis-Chlordane	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	cis-Permethrin	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Delta-HCH	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Dieldrin	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Endosulfan I	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Endosulfan II	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Endosulfan sulfate	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Endrin	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Endrin ketone	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Gamma-HCH	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Heptachlor	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Heptachlor epoxide	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Hexachlorobenzene	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Isodrin	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Methoxychlor	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	o,p'-DDD	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	o,p'-DDE	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	o,p'-DDT	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	p,p'-DDD	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	p,p'-DDE	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	p,p'-DDT	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Pendimethalin	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Pentachlorobenzene	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Propyzamide	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Tecnazene	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
trans-Chlordane	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b	
trans-Permethrin	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b	
Triadimefon	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b	
Triallate	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b	
Trifluralin	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b	
PESTSW-OPP	Azinphos-ethyl	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Azinphos-methyl	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Carbofenthiol	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Chlorpyrifos	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Chlorpyrifos-methyl	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Clorfenvinfos	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Diazinon	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Dichlorvos	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Dimethoate	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Ethion	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Etrimphos	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Fenitrothion	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Fenthion	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Malathion	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Methacrifos	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Mevinphos	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Parathion	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Parathion-methyl	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Phosalone	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Phosphamidon	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Pirimiphos-ethyl	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Pirimiphos-methyl	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
	Propetamphos	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b
Triazophos	0.01 µg/l	N	<0.01	<0.20 _b	<0.20 _b	
PESTSW-OPP	Ametryn	0.02 µg/l	N	<0.02	<0.40 _b	<0.40 _b
	Atrazine	0.03 µg/l	N	<0.03	<0.60 _b	<0.60 _b
	Prometryn	0.03 µg/l	N	<0.03	<0.60 _b	<0.60 _b
	Propazine	0.03 µg/l	N	<0.03	<0.60 _b	<0.60 _b



Project Number: 24103716

Client: [REDACTED]

Date Issued: 11/11/2024

Project Name: Scheduled Samples 11-2024 - Stoney Hill adhoc 6-monthly



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Analysis Results

SOCOTEC Sample ID:	24103716-006	24103716-007	24103716-008
Sampling Date:	24/10/2024 13:30	24/10/2024 14:00	24/10/2024 14:30
Customer ID:	DS1	TW1 (Surface)	TW1 (Base Ditch)
Accred.			

Method Code	Analysis	MDL	Accred.	DS1	TW1 (Surface)	TW1 (Base Ditch)
PESTSW-OPP	Simazine	0.03 µg/l	N	<0.03	<0.60 o	<0.60 o
	Terbutryn	0.03 µg/l	N	<0.03	<0.60 o	<0.60 o
	Terbutylazine	0.1 µg/l	N	<0.10	<2.00 o	<2.00 o
	Trietazine	0.02 µg/l	N	<0.02	<0.40 o	<0.40 o
PCBECD	PCB 28	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 52	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 77	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 81	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 101	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 105	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 114	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 118	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 123	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 126	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 138	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 153	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 156	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 157	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 167	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 169	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 180	0.01 µg/l	N	<0.01	<0.01	<0.01
	PCB 189	0.01 µg/l	N	<0.01	<0.01	0.03

SOCOTEC - VOC Unknowns Analysis Report



Sample Name: 24103716-001-9+1

Component RT	Compound Name	Match Score	CAS#	Estimated Concentration
	None Detected			

SOCOTEC - VOC Unknowns Analysis Report



Sample Name: 24103716-002-9+1

Component RT	Compound Name	Match Score	CAS#	Estimated Concentration
	None Detected			

SOCOTEC - VOC Unknowns Analysis Report



Sample Name: 24103716-003-9+1

Component RT	Compound Name	Match Score	CAS#	Estimated Concentration
	None Detected			

SOCOTEC - VOC Unknowns Analysis Report



Sample Name: 24103716-004-9+1

Component RT	Compound Name	Match Score	CAS#	Estimated Concentration
	None Detected			

Sample Name: 24103716-005-9+1

Component RT	Compound Name	Match Score	CAS#	Estimated Concentration
	None Detected			

SOCOTEC - VOC Unknowns Analysis Report



Sample Name: 24103716-006-9+1

Component RT	Compound Name	Match Score	CAS#	Estimated Concentration
	None Detected			

Sample Name: 24103716-007-9+1

Component RT	Compound Name	Match Score	CAS#	Estimated Concentration
6.0674	Mesitylene	93.5	108-67-8	33 ug/l
6.2926	Benzeneethanol, .beta.-ethenyl-	79.5	6052-63-7	6 ug/l

SOCOTEC - VOC Unknowns Analysis Report



Sample Name: 24103716-008-9+1

Component RT	Compound Name	Match Score	CAS#	Estimated Concentration
	None Detected			



Project Number: 24103716

Client: [REDACTED]

Date Issued: 11/11/2024

Project Name: Scheduled Samples 11-2024 - Stoney Hill adhoc 6-monthly

Deviating Sample Report

All samples received in an appropriate condition with no deviancies noted with the samples.

Analysis Method

<u>Method Code</u>	<u>Method Description</u>	<u>Analysis Method</u>
BTEXHSA	BTEX by GCFID	Unfiltered
DISGAS	Dissolved Methane	Unfiltered
GROHSA/BTEXHSA	GRO CWG (C5-C10) Ali/Aro Split	Unfiltered
ICPMSWT (Total)	Chromium (Tot.) in Water by ICPMS	Unfiltered
ICPMSWT (Total)	Copper (Tot.) in Water by ICPMS	Unfiltered
ICPMSWT (Total)	Lead (Tot.) in Water by ICPMS	Unfiltered
ICPMSWT (Total)	Nickel (Tot.) in Water by ICPMS	Unfiltered
ICPMSWT (Total)	Zinc (Tot.) in Water by ICPMS	Unfiltered
ICPWATVART (Total)	Aluminium (Tot.) in Water by ICPOES	Unfiltered
ICPWATVART (Total)	Iron (Tot.) in Water by ICPOES	Unfiltered
ICPWATVART (Total)	Phosphorus (Tot.) in Water by ICPOES	Unfiltered
ICPWATVART (Total)	Total Sulphur as SO4 (Tot.) in Water	Unfiltered
KONENS	Ammoniacal Nitrogen as N	Filtered
PCBECD	PCBs, CLEA 12 Congeners	Unfiltered
PCBECD	PCBs, ICES 7 Congeners	Unfiltered
PESTSW-OC	OCP: Organochlorine Pesticides by GCMS	Unfiltered
PESTSW-OPP	OPP: Organophosphorus Pesticides by GCMS	Unfiltered
PESTSW-OPP	Triazine Herbicides Suite by GCMS	Unfiltered
PHCONDW	pH	Unfiltered
SFAPI	Phenol Index (Total) by SFA	Unfiltered
SFAPI	Sulphide by SFA	Unfiltered
SVOCSW	SVOCs (Target List) by GCMS	Unfiltered
TPHFID (Aliphatic)	TPH (CWG) Aliphatic Split with Carbon Banding	Unfiltered
TPHFID (Aromatic)	TPH (CWG) Aromatic Split with Carbon Banding	Unfiltered
Visual Exam for TPH	TPH (Visual Exam)	Unfiltered
VOCHSAW	BTEX by GCMS	Unfiltered
VOCHSAW	VOCs (Target List and TICs) by GCMS	Unfiltered
WSLM10	TSS: Total Suspended Solids	Unfiltered
WSLM11	COD: Chemical Oxygen Demand (Settled)	Unfiltered



Project Number: [24103716](#)

Client: [REDACTED]

Date Issued: 11/11/2024

Project Name: Scheduled Samples 11-2024 - Stoney Hill adhoc 6-monthly

Result Report Notes

Letters alongside results signify that the result has associated report notes.

The report notes are as follows:

<u>Letter</u>	<u>Note</u>
---------------	-------------

- | | |
|---|--|
| A | Due to the matrix of the sample the laboratory has had to deviate from our standard protocols to be able to process the sample and provide a result. Where applicable the accreditation has been removed and this should be taken into consideration when utilising the data. |
| B | The QC associated with this result has not wholly met the QMS requirements, the accreditation has therefore been removed. However, the Laboratory has confidence in the performance of the method as a whole and that the integrity of the data has not been significantly compromised. |
| C | Due to matrix interference, the internal standard and/or surrogate has not met the QMS requirements. This should be taken into consideration when utilising the data. |
| D | A non-standard volume or mass has been used for this test which has resulted in a raised detection limit. |
| E | Due to the parameter value being beyond our calibration range (and following the maximum size of dilution allowed, where applicable), the result cannot be quantified and as such the result will appear as a greater than symbol (>) with the accreditation removed. This data should be used for indicative purposes only. |
| F | Based on the sample history, appearance and smell a dilution was applied prior to testing. Unfortunately, the result is either above (>) or below (<) our calibration range. Results above our calibration range have accreditation removed. The data should be used for indicative purposes only. |
| G | The day 5 oxygen reading was below the capability of the instrument to detect, and therefore the calculated BOD has been reported unaccredited for guidance purposes only. |

HWOL Acronym Key

<u>Acronym</u>	<u>Description</u>
HS	Headspace Analysis
EH	Extractable Hydrocarbons - i.e everything extracted by the solvent(s)
CU	Clean up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
+	Operator to indicate cumulative e.g. EH_CU+HS_1D_Total

SVOCSW - N-Nitrosodiphenylamine

N-Nitrosodiphenylamine decomposes in the GC inlet and cannot be separated from diphenylamine. For this reason we will report a combined result for N-Nitrosodiphenylamine and Diphenylamine.



Project Number: [24103716](#)

Client: [REDACTED]

Date Issued: 11/11/2024

Project Name: Scheduled Samples 11-2024 - Stoney Hill adhoc 6-monthly

Additional Information

This report refers to samples as received. SOCOTEC UK Ltd takes no responsibility for accuracy or competence of sampling by others.

Results within this report relate only to the samples tested.

The accreditation codes are as follows:

- U = UKAS accredited analysis
- M = MCERT accredited analysis
- N = Unaccredited analysis

Any accreditation marked with ^ signify results are reported on a dry weight basis of 105° c.

All Air Dried and Ground Samples (ADG) are oven dried at less than 35° c.

This report shall not be reproduced except in full, without written approval of the laboratory.

Opinions and interpretations given are outside the scope of our UKAS accreditation.

Any results marked with * are not covered by our scope of UKAS accreditation. If applicable, further report notes have been added.

Any solid samples where the Major Constituents are not one of the following (Sand, Silt, Clay, Made Ground) are not one of our accredited matrix types.

Any samples marked with a tick in the deviant table is deviant for the specific reason.

Any samples reported as IS, NA, ND mean the following:

- IS = Insufficient Sample to complete analysis
- NA = Sample is not amenable for the required analysis
- ND = Results cannot be determined

Items listed with a 'SUB' method code prefix have been carried out by another SOCOTEC department or by an external subcontracted laboratory.

Our deviating sample report does not include deviancy information for Subcontracted analysis. Please see the report from the subcontracted lab for information regarding any deviancies for this analysis.

Summaries of analysis methods are available upon request.

End of Certificate of Analysis