

Project No 25/4047

Hole ID DS25-16



A PHENNA GROUP COMPANY

SITE INVESTIGATIONS

Project Name LHR042 Thorney Lane DC1

Photograph No 148 & 149

Client ARUP

Date February 2025

HEAD OFFICE:  
47-49 Brunel Road  
Old Oak Common  
Acton London W3 7AR  
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MIDLANDS OFFICE:  
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coventry@conceptconsultants.co.uk  
+44(0) 24 7708 7670



Photograph No 148



Photograph No 149

Project No 25/4047

Hole ID DS25-16



A PHENNA GROUP COMPANY

SITE INVESTIGATIONS

Project Name LHR042 Thorney Lane DC1

Photograph No 150 & 151

Client ARUP

Date February 2025

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Photograph No 150



Photograph No 151

Project No 25/4047

Hole ID DS25-16



A PHENNA GROUP COMPANY

SITE INVESTIGATIONS

Project Name LHR042 Thorney Lane DC1

Photograph No 152 & 153

Client ARUP

Date February 2025

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Photograph No 152



Photograph No 153

Project No 25/4047

Hole ID DS25-16



A PHENNA GROUP COMPANY

SITE INVESTIGATIONS

Project Name LHR042 Thorney Lane DC1

Photograph No 154 & 155

Client ARUP

Date February 2025

HEAD OFFICE:  
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Photograph No 154



Photograph No 155

Project No 25/4047

Hole ID DS25-16



A PHENNA GROUP COMPANY

**SITE INVESTIGATIONS**

Project Name LHR042 Thorney Lane DC1

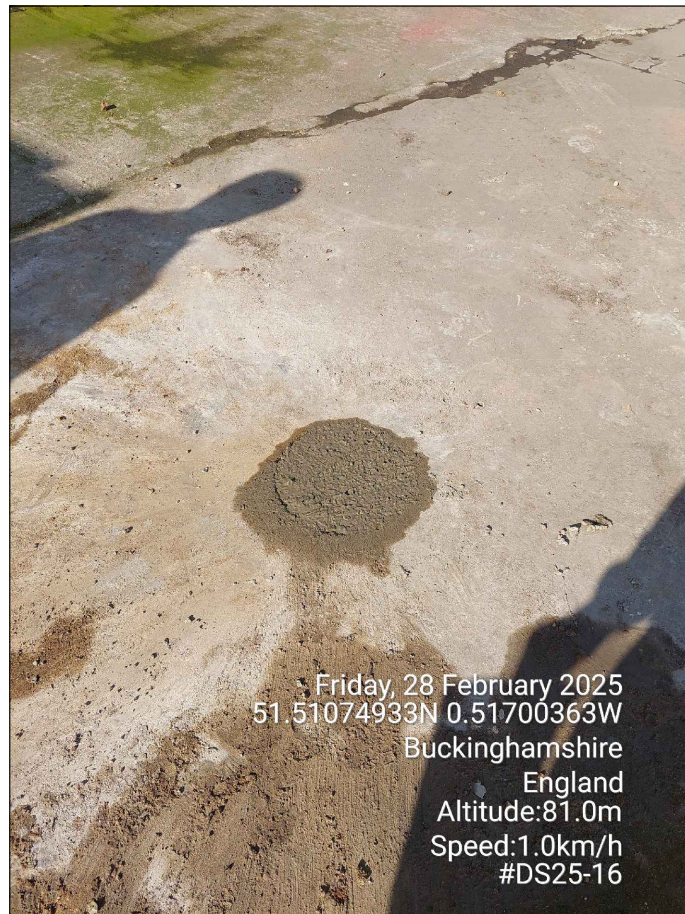
Photograph No 156

Client ARUP

Date February 2025

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Friday, 28 February 2025  
51.51074933N 0.51700363W  
Buckinghamshire  
England  
Altitude: 81.0m  
Speed: 1.0km/h  
#DS25-16

Photograph No 156

Project No 25/4047

Hole ID DS25-17



A PHENNA GROUP COMPANY  
SITE INVESTIGATIONS

Project Name LHR042 Thorney Lane DC1

Photograph No 157 & 158

Client ARUP

Date February 2025

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Photograph No 157



Photograph No 158

Project No 25/4047

Hole ID DS25-17

Project Name LHR042 Thorney Lane DC1

Photograph No 159

Client ARUP

Date February 2025

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Photograph No 159

Project No	25/4047	Hole ID	DS25-18
Project Name	LHR042 Thorney Lane DC1	Photograph No	160 & 161
Client	ARUP	Date	February 2025

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**SITE INVESTIGATIONS**

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Photograph No 160



Photograph No 161

Project No	25/4047	Hole ID	DS25-18
Project Name	LHR042 Thorney Lane DC1	Photograph No	162 & 163
Client	ARUP	Date	February 2025



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**SITE INVESTIGATIONS**

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Photograph No 162



Photograph No 163

Project No	25/4047
Project Name	LHR042 Thorney Lane DC1
Client	ARUP

Hole ID	DS25-18
Photograph No	164 & 165
Date	February 2025

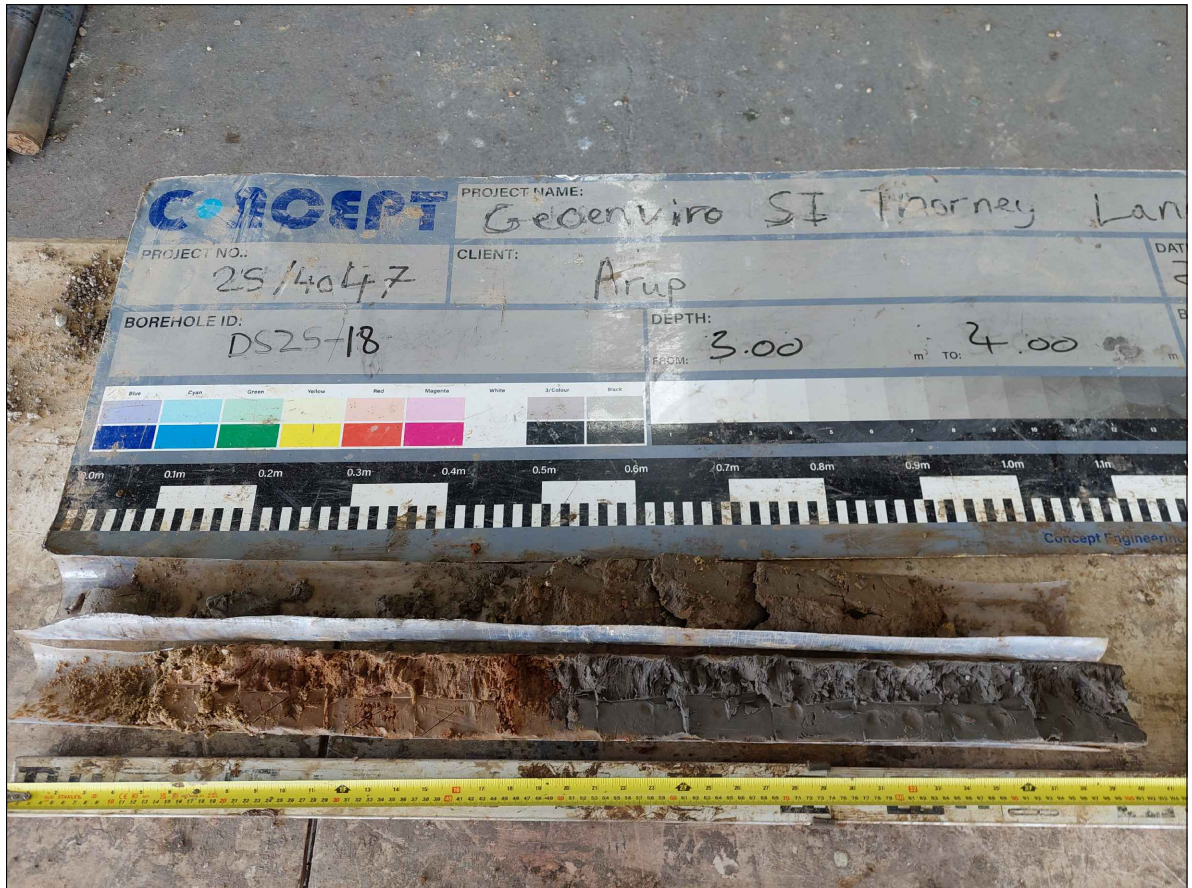
**CONCEPT**  
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**SITE INVESTIGATIONS**

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Photograph No 164



Photograph No 165

Project No	25/4047
Project Name	LHR042 Thorney Lane DC1
Client	ARUP

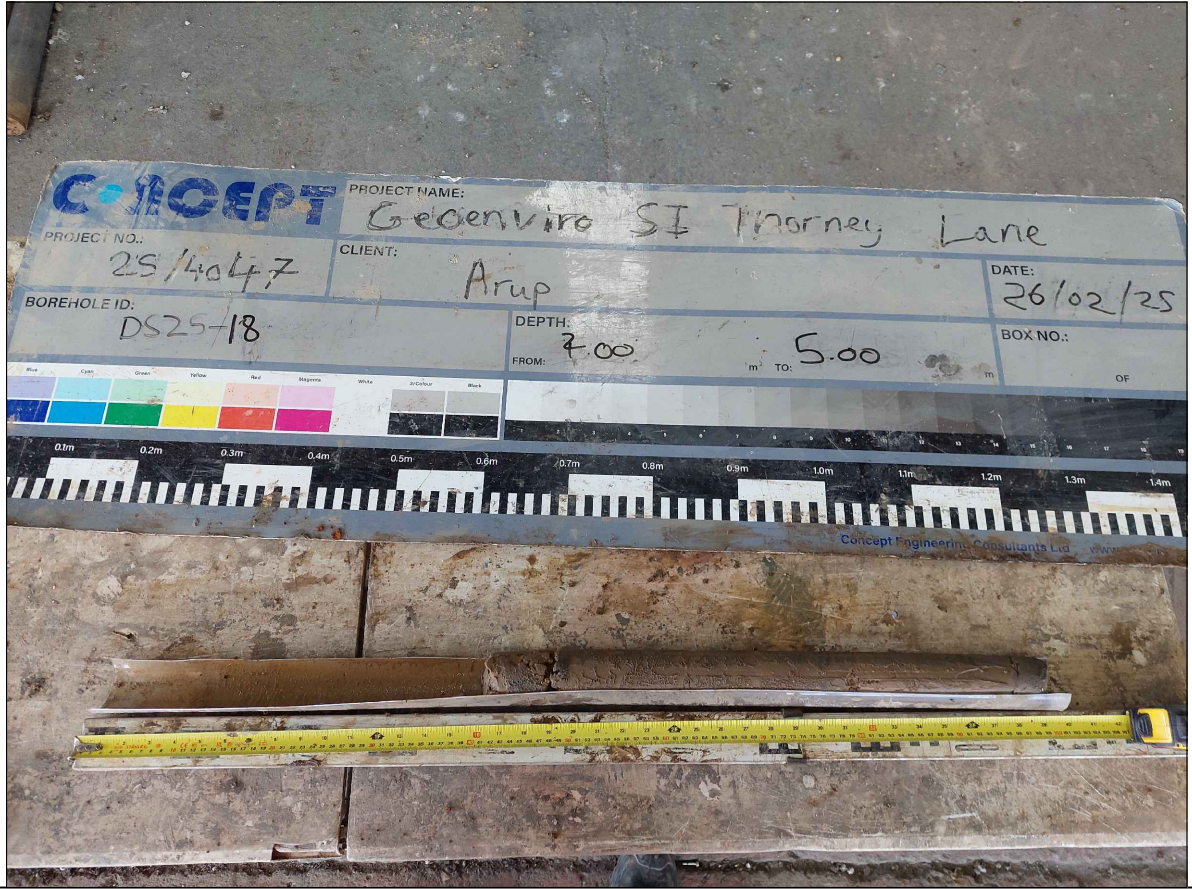
Hole ID	DS25-18
Photograph No	166 & 167
Date	February 2025



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Photograph No 063



Photograph No 167

Project No 25/4047

Hole ID DS25-18



A PHENNA GROUP COMPANY

SITE INVESTIGATIONS

Project Name LHR042 Thorney Lane DC1

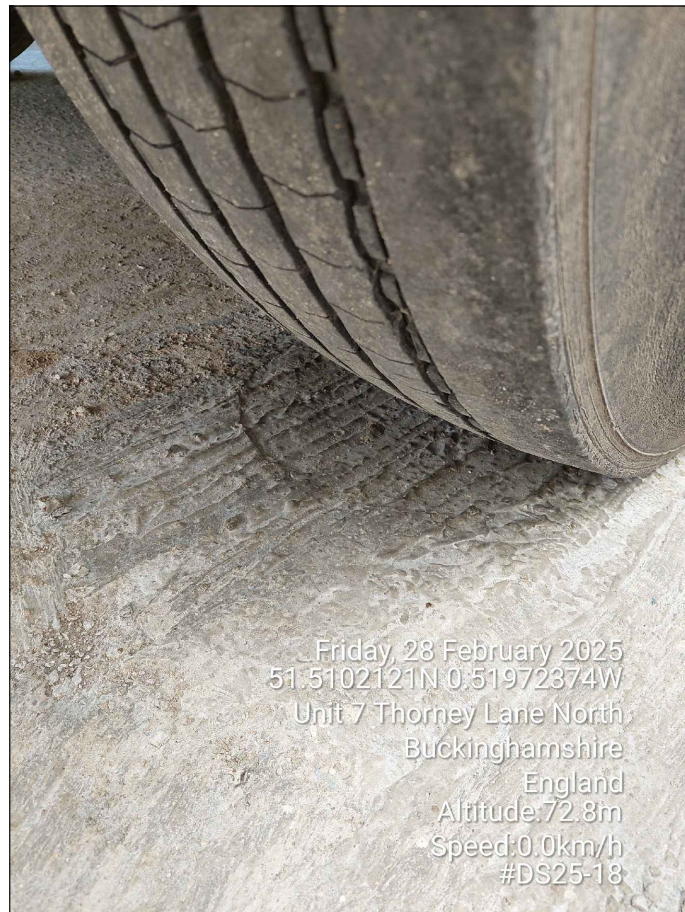
Photograph No 168

Client ARUP

Date February 2025

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Friday, 28 February 2025  
51.5102121N 0.51972374W  
Unit 7 Thorney Lane North  
Buckinghamshire  
England  
Altitude: 72.8m  
Speed: 0.0km/h  
#DS25-18

Photograph No 168



**CONCEPT**

A PHENNA GROUP COMPANY

**SITE INVESTIGATIONS**

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# Appendix C

## Screening Spreadsheets



V1.0.0	
Concentration exceeds GAC	100
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50
Concentration lower than Limit of Detection	< 0.1

Hole Ref Sample Ref Easting Northing Hole Elevation (mOD) Sample Depth (mbgl)	Richard Jackson areas A, B, C max.	Richard Jackson area A max.	DS101	DS101	DS102	DS104	DS104	DS105	DS105	DS106	DS107	DS107	DS108
	2007/2008	2007/2008	02/08/2021	02/08/2021	03/08/2021	02/08/2021	02/08/2021	02/08/2021	02/08/2021	02/08/2021	28/07/2021	28/07/2021	27/07/2021
Methyl Tert-Butyl Ether	7480	AGAC	mg/kg	0 of 124	0	<0.001	<0.005						
4-Nitroaniline	No GAC		mg/kg	0 of 31	No GAC	0.001	<0.5						
4-Nitrophenol	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.5						
Styrene	3170	AGAC	mg/kg	0 of 31	0	<0.001	0.005	626					
cis-1,3-Dichloropropene	No GAC		mg/kg	0 of 31	No GAC	0.001	<0.01						
trans-1,3-Dichloropropene	No GAC		mg/kg	0 of 31	No GAC	0.001	<0.01						
Bromophenyl phenyl ether	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.5						
Azobenzene	No GAC		mg/kg	0 of 31	No GAC	0.001	<0.5						
n-Propylbenzene	3860	AGAC	mg/kg	0 of 31	0	<0.001	0.005	402					
n-Butylbenzene	No GAC		mg/kg	0 of 22	No GAC	<0.001	<0.001						
2,4-Dimethylphenol	15700	AGAC	mg/kg	0 of 22	0	0.001	<0.5	1380					
4-chlorotoluene	No GAC		mg/kg	0 of 31	No GAC	<0.001	0.005						
4-Methylphenol	162000	AGAC	mg/kg	0 of 31	0	0.001	<0.5	27400					
1,4-dichlorobenzene	4220	AGAC	mg/kg	1 of 31	0	0.001	<0.5	224					
4-Chloroaniline	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.5						
1,2-dibromoethane	No GAC		mg/kg	0 of 31	No GAC	0.001	<0.005						
1,2-dichloroethane	0.671	AGAC/S4UL	mg/kg	0 of 31	0	0.001	0.005						
1,3,5-trimethylbenzene	No GAC		mg/kg	1 of 31	No GAC	<0.001	0.2						
Bromobenzene	92	AGAC	mg/kg	0 of 31	0	<0.001	0.005						
Chlorobenzene	55.6	AGAC/S4UL	mg/kg	0 of 31	0	<0.001	0.005						
bis(2-Chloroethyl)ether	No GAC		mg/kg	0 of 30	No GAC	0.001	<0.5						
bis(2-Chloroethoxy)methane	No GAC		mg/kg	0 of 30	No GAC	0.001	<0.5						
bis(2-Ethylhexyl) phthalate	85163	AGAC	mg/kg	0 of 22	0	0.001	<0.5						
Di-N-Octyl Phthalate	89100	AGAC	mg/kg	0 of 22	0	0.001	<0.5						
Hexachlorobenzene	104	AGAC	mg/kg	0 of 30	0	0.001	<0.5	0.199					
1,2,4-trichlorobenzene	215	AGAC	mg/kg	0 of 30	0	0.001	<0.5						
2,4-Dichlorophenol	3420	AGAC	mg/kg	0 of 30	0	0.001	<0.5						
2,4-Dinitrotoluene	3720	AGAC	mg/kg	0 of 30	0	0.001	<0.5						
Dibromochloromethane	No GAC		mg/kg	0 of 31	No GAC	0.001	<0.01						
Tetrachloroethene	18.6	AGAC/S4UL	mg/kg	6 of 30	0	<0.001	0.3						
Dimethyl phthalate	No GAC		mg/kg	0 of 30	No GAC	0.001	<0.5						
Dibenzofuran	No GAC		mg/kg	3 of 22	No GAC	0.001	7.3						
sec-Butylbenzene	No GAC		mg/kg	1 of 22	No GAC	<0.001	0.09						
1,3-dichloropropane	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.002						
cis 1,2-Dichloroethene	13.6	AGAC	mg/kg	0 of 30	0	<0.001	0.1						
Trans 1,2-Dichloroethene	20.7	AGAC	mg/kg	0 of 30	0	<0.001	0.1						
Bis(2-chloroisopropyl) ether	No GAC		mg/kg	0 of 30	No GAC	0.001	<0.5						
1,3-dichlorobenzene	29.9	AGAC/S4UL	mg/kg	0 of 22	0	0.001	<0.5						
Carbon tetrachloride	2.87	AGAC/S4UL	mg/kg	0 of 22	0	<0.001	<0.001						
1,1-Dichloropropane	No GAC		mg/kg	0 of 30	No GAC	<0.001	0.2						
4-Chloro-3-methylphenol	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.5						
2,6-Dinitrotoluene	1850	AGAC	mg/kg	0 of 31	0	0.001	<0.5						
N-Nitrosodimethylamine	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.5						
N-Nitrosodi-n-propylamine	No GAC		mg/kg	0 of 30	No GAC	0.001	<0.5						
1,1,1,2-tetrachloroethane	108	AGAC	mg/kg	0 of 22	0	0.001	<0.002						
Chloroform	99.1	AGAC/S4UL	mg/kg	0 of 22	0	<0.001	<0.001						
Hexachloroethane	20.9	AGAC	mg/kg	0 of 31	0	0.001	<0.5	8.17					
4-Chlorophenyl phenyl ether	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.5						
1,1,1-Trichloroethane	660	AGAC/S4UL	mg/kg	0 of 31	0	<0.001	0.005						
Bromomethane	No GAC		mg/kg	0 of 31	No GAC	0.001	0.2						
Chloromethane	0.956	AGAC	mg/kg	0 of 22	0	<0.001	<0.001						
1,2-Dibromomethane	No GAC		mg/kg	0 of 31	No GAC	<0.001	0.3						
Bromochloromethane	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.005						
Chloroethane	904	AGAC	mg/kg	0 of 31	0	0.001	0.005						
Vinyl Chloride	0.0594	AGAC/S4UL	mg/kg	0 of 31	0	<0.001	0.005						
Dichloromethane	257	AGAC	mg/kg	0 of 22	0	0.001	<0.05						
Bromoform	714	AGAC	mg/kg	0 of 31	0	<0.001	0.005						
Bromodichloromethane	1.96	AGAC	mg/kg	0 of 31	0	0.001	0.2						
1,1-dichloroethane	263	AGAC	mg/kg	0 of 22	0	<0.001	<0.001						
1,1-Dichloroethene	24.3	AGAC	mg/kg	0 of 22	0	<0.001	<0.001						
Trichlorofluoromethane	No GAC		mg/kg	0 of 31	No GAC	<0.001	0.005						
Isophorone	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.5						
1,2-dichloropropane	3.13	AGAC	mg/kg	0 of 22	0	<0.001	<0.001						
1,1,2-trichloroethane	89.1	AGAC	mg/kg	0 of 31	0	0.001	0.2						
Trichloroethene	1.23	AGAC/S4UL	mg/kg	0 of 31	0	<0.001	0.1						
Diethyl Phthalate	144000	AGAC	mg/kg	0 of 31	0	0.001	<0.5	13.7					
Di-N-Butyl Phthalate	15400	AGAC	mg/kg	0 of 31	0	0.001	<0.5						
Butyl benzyl phthalate	940280	AGAC	mg/kg	0 of 22	0	0.001	<0.5						
Carbazole	No GAC		mg/kg	2 of 31	No GAC	0.001	3.3						
1,2,3-trichlorobenzene	102	AGAC/S4UL	mg/kg	0 of 22	0	0.001	<0.002						
Hexachlorobutadiene	30.7	AGAC/S4UL	mg/kg	0 of 31	0	0.001	<0.5						
2,4,6-Trichlorophenol	3850	AGAC	mg/kg	0 of 22	0	0.001	<0.5	879					
2-Nitroaniline	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.5						
2-Nitrophenol	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.5						
2-Methylnaphthalene	No GAC		mg/kg	3 of 31	No GAC	0.001	4.7						
2-Chloronaphthalene	370	AGAC	mg/kg	0 of 31	0	0.001	<0.5	114					
2-Methylphenol	160000	AGAC	mg/kg	0 of 31	0	0.001	<0.5	150000					
2-Chlorotoluene	No GAC		mg/kg	0 of 31	No GAC	<0.001	0.005						
1,2-dichlorobenzene	2020	AGAC	mg/kg	1 of 31	0	0.001	<0.5	571					
2-Chlorophenol	3500	AGAC	mg/kg	0 of 31	0	0.001	<0.5						
1,2,4-trimethylbenzene	39.4	AGAC	mg/kg	1 of 22	0	<0.001	0.059						
2,4,5-Trichlorophenol	3500	S4UL	mg/kg	0 of 22	0	0.001	<0.5						
1,2-dibromo-3-chloropropane	No GAC		mg/kg	0 of 22	No GAC	0.001	<0.05						
1,2,3-Trichloropropane	No GAC		mg/kg	0 of 31	No GAC	0.001	<0.05						
tert-Butylbenzene	No GAC		mg/kg	0 of 31	No GAC	<0.001	0.005						
Isopropylbenzene	1300	AGAC	mg/kg	1 of 22	0	<0.001	0.0082	390					
Nitrobenzene	No GAC		mg/kg	0 of 31	No GAC	0.001	<0.5						
3-Nitroaniline	No GAC		mg/kg	0 of 31	No GAC	0.001	<0.5						
4-Isopropyltoluene	No GAC		mg/kg	0 of 22	No GAC	<0.001	<0.001						

V1.0.0	DS108	DS110	DS111	DS111	DS112	DS112	DS113	DS113	DS114	DS115	DS115	DS116	DS116	DS117	DS119	DS120	DS120	DS120	DS121	DS122	DS122	DS123	DS123
Concentration exceeds GAC																							
Limit of Detection value exceeds GAC																							
Concentration exceeds saturation value but not GAC																							
Concentration lower than Limit of Detection																							
	2.45	0.65	1.1	2.8	1.25	2.85	None Supplied	None Supplied	0.5	0.35	1	1	2.5	1.2	1.35	0.8	1.45	2.8	1.5	1	2.5	0.75	2.5
	27/07/2021	28/07/2021	29/07/2021	29/07/2021	29/07/2021	29/07/2021	29/07/2021	29/07/2021	27/07/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	26/07/2021	30/07/2021	30/07/2021	30/07/2021	30/07/2021	30/07/2021	30/07/2021	30/07/2021	28/07/2021	28/07/2021
Contaminant Name	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons
<b>Metal/Metalloid</b>																							
Chromium - hexavalent		< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Lead		120	81	7	12	180	6.5	13	140	11	24	16	7.2	170	48	36	150	6.1	66	3.9	66	3.9	3.9
Mercury - total		< 0.3	< 0.3	< 0.3	< 0.3	0.6	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.9	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel		22	30	23	28	23	19	31	20	21	23	38	21	24	20	22	26	18	17	8.7	17	8.7	8.7
Antimony																							
Arsenic		12	17	7.5	12	13	12	20	14	13	13	12	11	16		8.3		13	16	11	12	7.8	7.8
Beryllium																							
Boron (water soluble)																							
Cadmium		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium - total		27	27	25	33	28	18	28	24	23	22	45	15	26	25	26	30	15	22	8.1	22	8.1	8.1
Copper		29	32	11	12	28	8.6	17	39	14	19	29	9.4	46	28	13	67	6.5	26	6.1	26	6.1	6.1
Vanadium																							
Zinc		71	81	21	42	62	26	48	140	35	43	89	26	98	40	46	120	27	100	19	100	19	19
Selenium																							
<b>Inorganic</b>																							
pH	8.2	8.8	8.5	8.4	9.8	8.9	8	8.5	8.3	9.8	8.9	8	8.5	8.3	8.5	10.1	9.1	10	8.2	9.6	7.1	7.1	7.1
Cyanide - total																							
Thiocyanate																							
Free cyanide																							
Complex cyanide																							
Total Organic Carbon																							
<b>Asbestos</b>																							
Asbestos Identification		ND	Detected		ND		ND		ND	Detected		ND		ND		Detected		ND	ND		ND		ND
Asbestos form			Chrysotile																				
Asbestos Gravimetric Quantification																							
Asbestos type			Bitumen						LooseFibres							LooseFibres							
<b>Phenol and mineral oils</b>																							
Phenols - total																							
<b>Total petroleum hydrocarbons</b>																							
Aliphatics >C5-C6																							
Aromatics >EC7-EC8		< 0.001	< 0.001		< 0.001		< 0.001	< 0.001		< 0.001	< 0.001		< 0.001		< 0.001	< 0.001	< 0.001	< 0.001		< 0.001		< 0.001	< 0.001
Aromatics >EC8-EC10		< 0.001	< 0.001		< 0.001		< 0.001	< 0.001		< 0.001	< 0.001		< 0.001		< 0.001	< 0.001	< 0.001	< 0.001		< 0.001		< 0.001	< 0.001
Aromatics >EC10-EC12		< 1.0	< 1.0		< 1.0		< 1.0	< 1.0		< 1.0	< 1.0		< 1.0		3.1	< 1.0	< 1.0	< 1.0		< 1.0		< 1.0	< 1.0
Aromatics >EC12-EC16		< 2.0	< 2.0		6.2		< 2.0	< 2.0		25		< 2.0	< 2.0		15	12	8.9	< 2.0		< 2.0		< 2.0	< 2.0
Aromatics >EC16-EC21		< 10	< 10		66		< 10	< 10		84		< 10	< 10		82	69	52	31		16		16	16
Aromatics >EC21-EC35		< 10	11		33		12	19		170		< 10	< 10		260	200	270	100		31		31	31
Aliphatics >C6-C8																							
Aliphatics >C8-C10		< 0.001	< 0.001		< 0.001		< 0.001	< 0.001		< 0.001	< 0.001		< 0.001		< 0.001	< 0.001	< 0.001	< 0.001		< 0.001		< 0.001	< 0.001
Aliphatics >C10-C12		< 1.0	< 1.0		< 1.0		< 1.0	< 1.0		< 1.0	< 1.0		< 1.0		10	9.9	< 1.0	< 1.0		< 1.0		< 1.0	< 1.0
Aliphatics >C12-C16		< 2.0	< 2.0		6.8		< 2.0	< 2.0		4.4		< 2.0	< 2.0		31	25	16	8.1		< 2.0		< 2.0	< 2.0
Aliphatics >C16-C21		< 8.0	< 8.0		100		< 8.0	< 8.0		46		< 8.0	< 8.0		68	78	33	52		< 8.0		< 8.0	< 8.0
Aliphatics >C21-C35		< 8.0	< 8.0		38		< 8.0	< 8.0		27		< 8.0	< 8.0		250	200	120	180		< 8.0		< 8.0	< 8.0
<b>Polycyclic aromatic hydrocarbons</b>																							
Acenaphthene		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.43	< 0.05	< 0.05
Dibenz[ah]anthracene		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.64	< 0.05	< 0.05
Fluoranthene		1.3	4.1	< 0.05	< 0.05	0.53	< 0.05	< 0.05	4.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	3.1	1.8	0.5	3.8	< 0.05	7.2	< 0.05	7.2	< 0.05
Fluorene		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.51	< 0.05	< 0.05
Indeno[123-cd]pyrene		0.3	0.73	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.5	0.23	< 0.05	0.9	< 0.05	2	< 0.05	2	< 0.05
Phenanthrene		0.69	2.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.9	1.2	0.23	2.1	< 0.05	3.8	< 0.05	3.8	< 0.05
Pyrene		1.1	3.7	< 0.05	< 0.05	0.49	< 0.05	< 0.05	4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	2.6	1.7	0.69	3.4	< 0.05	7.5	< 0.05	7.5	< 0.05
Naphthalene		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.64	< 0.05	< 0.05
Acenaphthylene		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.64	< 0.05	< 0.05
Anthracene		< 0.05	0.44	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.35	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.2	< 0.05	< 0.05	0.31	< 0.05	1.5	< 0.05	1.5	< 0.05
Benzo[a]anthracene		0.7	1.8	< 0.05	< 0.05	0.27	< 0.05	< 0.05	2.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.2	0.89	0.33	1.5	< 0.05	4.7	< 0.05	4.7	< 0.05
Benzo[ghi]perylene		0.62	1.6	< 0.05	< 0.05	0.24	< 0.05	< 0.05	2	< 0.05	< 0.												

V1.0.0  
 Concentration exceeds GAC  
 Limit of Detection value exceeds GAC  
 Concentration exceeds saturation value  
 but not GAC  
 Concentration lower than Limit of  
 Detection

	DS108	DS110	DS111	DS111	DS112	DS112	DS113	DS113	DS114	DS115	DS115	DS116	DS116	DS117	DS119	DS120	DS120	DS120	DS121	DS122	DS122	DS123	DS123
	2.45	0.65	1.1	2.8	1.25	2.85	None Supplied	None Supplied	0.5	0.35	1	1	2.5	1.2	1.35	0.8	1.45	2.8	1.5	1	2.5	0.75	2.5
	27/07/2021	28/07/2021	29/07/2021	29/07/2021	29/07/2021	29/07/2021	29/07/2021	29/07/2021	27/07/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	26/07/2021	30/07/2021	30/07/2021	30/07/2021	30/07/2021	30/07/2021	30/07/2021	28/07/2021	28/07/2021	
Methyl Tert-Butyl Ether					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
4-Nitroaniline					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
4-Nitrophenol					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Styrene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
cis-1,3-Dichloropropene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
trans-1,3-Dichloropropene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Bromophenyl phenyl ether					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Azobenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
n-Propylbenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
n-Butylbenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
2,4-Dimethylphenol					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
4-chlorotoluene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
4-Methylphenol					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,4-dichlorobenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
4-Chloroaniline					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,2-dibromoethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,2-dichloroethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,3,5-trimethylbenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Bromobenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Chlorobenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
bis(2-Chloroethyl)ether					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
bis(2-Chloroethoxy)methane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
bis(2-Ethylhexyl) phthalate					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Di-N-Octyl Phthalate					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Hexachlorobenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,2,4-trichlorobenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
2,4-Dichlorophenol					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
2,4-Dinitrotoluene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Dibromochloromethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Tetrachloroethene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Dimethyl phthalate					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Dibenzofuran					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
sec-Butylbenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,3-dichloropropane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
cis 1,2-Dichloroethene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Trans 1,2-Dichloroethene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Bis(2-chloroisopropyl) ether					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,3-dichlorobenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Carbon tetrachloride					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,1-Dichloropropene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
4-Chloro-3-methylphenol					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
2,6-Dinitrotoluene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
N-Nitrosodimethylamine					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
N-Nitrosodi-n-propylamine					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,1,1,2-tetrachloroethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Chloroform					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Hexachloroethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
4-Chlorophenyl phenyl ether					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,1,1-Trichloroethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Bromomethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Chloromethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,2-Dibromomethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Bromochloromethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Chloroethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Vinyl Chloride					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Dichloromethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Bromoform					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Bromodichloromethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,1-dichloroethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,1-Dichloroethene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Trichlorofluoromethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Isophorone					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,2-dichloropropane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,1,2-trichloroethane					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Trichloroethene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Diethyl Phthalate					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Di-N-Butyl Phthalate					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Butyl benzyl phthalate					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Carbazole					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
1,2,3-trichlorobenzene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
Hexachlorobutadiene					< 0.0010					< 0.0010	< 0.0010						< 0.0010	< 0.0010					
2,4,6-Trichlorophenol					< 0.0010					< 0.0010	< 0.0010												

V1.0.0	DS125	DS125	DS125	CP101	CP101	CP102	CP104	CP105	CP105	CP106	CP106	CP104	CP302	CP302	CP302	CP302	CP303	CP303	CP304	CP304	CP301	CP301	CP301
Concentration exceeds GAC																							
Limit of Detection value exceeds GAC																							
Concentration exceeds saturation value but not GAC																							
Concentration lower than Limit of Detection																							
	0.9	2.9	4.9	0.75	1.5	0.9	0.75	1.75	2.75	1.8	3.5	2.9	0.5	1.5	2.1	2.7	0.4	1	0.6	1.1	0.50-0.55	1.20-1.25	2.00-2.05
	28/07/2021	28/07/2021	28/07/2021	27/07/2021	27/07/2021	04/08/2021	04/08/2021	03/08/2021	03/08/2021	26/07/2021	26/07/2021	04/07/2021	10/11/2022	10/11/2022	10/11/2022	10/11/2022	11/11/2022	11/11/2022	14/11/2022	14/11/2022	10/11/2022	10/11/2022	10/11/2022
	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons
Contaminant Name																							
<b>Metal/Metalloid</b>																							
Chromium - hexavalent	< 1.2			< 1.2			< 1.2			< 1.2			< 1.8			< 1.8			< 1.8			< 1.8	
Lead	32			120			87			150			86			3.4			7.3			110	
Mercury - total	< 0.3			< 0.3			< 0.3			< 0.3			< 0.3			< 0.3			< 0.3			1.1	
Nickel	42			18			20			24			34			9.7			11			22	
Antimony																							
Arsenic	23			12			14			14			12			8.4			10			12	
Beryllium																							
Boron (water soluble)																							
Cadmium	< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			< 0.2			0.8			< 0.2	
Chromium - total	29			26			34			30			37			6.5			8.9			29	
Copper	26			45			44			90			31			7.4			8.1			32	
Vanadium																							
Zinc	78			110			100			130			110			97			15			81	
Selenium																							
<b>Inorganic</b>																							
pH	8.4	8.7	8.7	9.8	8.8	10.2	10.4	11.5	10.2	8.3	8.4	8.4	10.1			8.9	10.9		7.7		9.6		8
Cyanide - total																							
Thiocyanate																							
Free cyanide																							
Complex cyanide																							
Total Organic Carbon																							
<b>Asbestos</b>																							
Asbestos Identification	ND			ND		ND	ND	Detected		ND			Detected	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Asbestos form																							
Asbestos Gravimetric Quantification																							
Asbestos type								LooseFibres					Loose Fibres										
<b>Phenol and mineral oils</b>																							
Phenols - total																							
<b>Total petroleum hydrocarbons</b>																							
Aliphatics >C5-C6													< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Aromatics >EC7-EC8													< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Aromatics >EC8-EC10													< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Aromatics >EC10-EC12													1.1	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1		< 1.0
Aromatics >EC12-EC16													10	3.9		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	7.9		< 2.0
Aromatics >EC16-EC21													49	22		< 10	< 10	< 10	< 10	< 10	45		< 10
Aromatics >EC21-EC35													89	120		< 10	< 10	< 10	< 10	< 10	86		22
Aliphatics >C5-C8													< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Aliphatics >C8-C10	< 2.0			15		12	8.9	< 2.0		< 2.0			< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Aliphatics >C10-C12	< 10			82		69	52	31		16			< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatics >C12-C16	< 10			260		200	270	100		31			3.5	8.2		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Aliphatics >C16-C21	< 10			93		83	140	42		< 10			11	21		< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
Aliphatics >C21-C35	< 10			360		280	330	140		47			42	98		< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	20	< 8.0
<b>Polycyclic aromatic hydrocarbons</b>																							
Acenaphthene	< 0.05			1		0.33	0.34	< 0.05		< 0.05			2.3			< 0.05	0.06		0.14		1.5		< 0.05
Dibenz[ah]anthracene	< 0.05			0.49		0.38	0.5	< 0.05		< 0.05			0.4			< 0.05	< 0.05		0.05		0.82		< 0.05
Fluoranthene	0.4			9.6		4.5	4.4	0.64		0.64			24			0.07	0.19		0.69		18		0.16
Fluorene	< 0.05			1.3		0.47	0.4	< 0.05		< 0.05			4.8			0.05	0.12		0.16		1.2		< 0.05
Indeno[123-cd]pyrene	< 0.05			1.6		1.1	1.5	< 0.05		< 0.05			3.3			< 0.05	< 0.05		0.23		3.2		< 0.05
Phenanthrene	0.32			8.4		2.9	2.1	0.42		0.41			29			0.1	0.32		0.55		9.2		0.14
Pyrene	0.37			8.3		4.4	4.1	0.54		0.6			18			0.11	0.28		0.72		15		0.15
Naphthalene	< 0.05			< 0.05		< 0.05	< 0.05	< 0.05		< 0.05			0.79			< 0.05	0.14		0.67		0.94		0.74
Acenaphthylene	< 0.05			0.32		0.35	0.47	< 0.05		< 0.05			1.5			< 0.05	0.11		0.24		0.35		< 0.05
Anthracene	< 0.05			2.6		0.96	0.68	< 0.05		< 0.05			7.1			< 0.05	0.07		0.1		3.2		< 0.05
Benzo[a]anthracene	< 0.05			4.7		2.7	2.7	< 0.05		< 0.05			10			< 0.05	0.06		0.37		7.5		< 0.05
Benzo[ghi]perylene	< 0.05			3.7		2.1	2.6	< 0.05		< 0.05			6.9			< 0.05	0.05		0.34		6.3		< 0.05
Benzo[a]pyrene	< 0.05			1.5		1.3	1.7	< 0.05		< 0.05			3.4			< 0.05	0.1		0.32		3.4		< 0.05
Benzo[b]fluoranthene	< 0.05			3.5		2.2	2.4	< 0.05		< 0.05			8.4			< 0.05	< 0.05		0.47		6.8		< 0.05
Benzo[k]fluoranthene	< 0.05			2.5		1.4	1.7	< 0.05		< 0.05			4			< 0.05	< 0.05		0.19		3.5		< 0.05
Chrysene	< 0.05			4.2		2.1	2.1	< 0.05		< 0.05			6.9			< 0.05	0.05		0.28		6		< 0.05
<b>Benzene Toluene Ethylene benzene Xylene</b>	1.09			53.7		27.2	27.7	1.6		1.65			133			< 0.80	1.55		5.52		86.7		1.19
Benzene	< 0.001			< 0.001		< 0.001	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001			< 0.001		< 0.001	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001			< 0.001		< 0.001	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-xylene	< 0.001			< 0.001		< 0.001	<																







V1.0.0	DS204	DS204	SPARE 2	TP201	TP201	TP202	TP202	TP203	TP204	TP204	TP205	TP205	CP301	CP301	CP301	DS302	DS303	DS303	DS304	DS304	DS304	DS305	DS305	
Concentration exceeds GAC																								
Limit of Detection value exceeds GAC																								
Concentration exceeds saturation value but not GAC																								
Concentration lower than Limit of Detection																								
	0.2	0.4	0.32	0.8	1.1	0.55	0.85	0.7	0.3	1.5	0.2	0.8	0.3	1	2	0.3	0.2	0.7	0.3	0.9	1.5	0.35	0.8	
	25/04/2023	25/04/2023	25/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	27/04/2023	27/04/2023	26/04/2023	26/04/2023	16/10/2023	16/10/2023	16/10/2023	23/10/2023	23/10/2023	23/10/2023	23/10/2023	23/10/2023	23/10/2023	23/10/2023	23/10/2023	
	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	
Contaminant Name																								
<b>Metal/Metalloid</b>																								
Chromium - hexavalent	< 1.8			< 1.8				< 1.8					< 1.8					< 1.8			< 1.8		< 1.8	
Lead	120			67				140					200					50			96		36	22
Mercury - total	< 0.3			< 0.3				< 0.3					< 0.3					< 0.3			< 0.3		< 0.3	< 0.3
Nickel	27			14				18					23					23			19		21	24
Antimony																								
Arsenic	13			9				14					19					15			13		11	11
Beryllium																								
Boron (water soluble)																								
Cadmium	< 0.2			< 0.2				0.9					< 0.2					< 0.2			< 0.2		0.4	< 0.2
Chromium - total	25			18				24					25					23			22		24	30
Copper	41			24				29					58					33			35		29	21
Vanadium																								
Zinc	78			75				130					150					100			91		77	62
Selenium																								
<b>Inorganic</b>																								
pH								8.4					7.6								8.2		8.4	9.1
Cyanide - total																								
Thiocyanate																								
Free cyanide																								
Complex cyanide																								
Total Organic Carbon																								
<b>Asbestos</b>																								
Asbestos Identification																								
Asbestos form																								
Asbestos Gravimetric Quantification																								
Asbestos type																								
<b>Phenol and mineral oils</b>																								
Phenols - total																								
<b>Total petroleum hydrocarbons</b>																								
Aliphatics >C5-C6			< 0.001		< 0.001				< 0.001	< 0.001			< 0.001		< 0.020			< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Aromatics >EC7-EC8			< 0.001		< 0.001				< 0.001	< 0.001			< 0.001		< 0.050			< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Aromatics >EC8-EC10			< 1.0						6.6	< 1.0			< 1.0		< 1.0			< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Aromatics >EC10-EC12			3.7		< 2.0				100	< 2.0			2.5		< 2.0			< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatics >EC12-EC16			23		< 10				120	< 10			< 10		< 10			4.6	< 2.0	< 2.0	7.5	30	< 2.0	< 2.0
Aromatics >EC16-EC21			91		19				32	< 10			< 10		< 10			30	< 10	< 10	43	84	10	< 10
Aromatics >EC21-EC35			60		< 10				< 10	< 10			< 10		< 10			50	< 10	< 10	260	46	10	< 10
Aliphatics >C5-C8			< 0.001		< 0.001				< 0.001	< 0.001			< 0.001		< 0.050			< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Aliphatics >C8-C10			< 1.0		< 1.0				7.4	< 1.0			< 1.0		< 1.0			< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Aliphatics >C10-C12			9.6		< 2.0				150	< 2.0			< 2.0		< 2.0			3.2	< 1.0	< 1.0	< 1.0	< 1.0	1.4	< 1.0
Aliphatics >C12-C16			33		< 8.0				180	< 8.0			< 8.0		< 8.0			8.1	< 2.0	< 2.0	9.7	57	8.2	< 2.0
Aliphatics >C16-C21			130		79				60	< 8.0			< 8.0		< 8.0			24	< 8.0	< 8.0	43	180	20	< 8.0
Aliphatics >C21-C35			52		< 10				< 10	< 10			< 10		< 10			68	< 8.0	< 8.0	260	110	< 8.0	< 8.0
<b>Polycyclic aromatic hydrocarbons</b>																								
Acenaphthene	0.26				< 0.05				0.9	< 0.05			< 0.05		< 0.05			0.15	< 0.05	< 0.05	0.13			< 0.05
Dibenz[ah]anthracene	0.1				< 0.05				0.55	< 0.05			< 0.05		< 0.05			0.07	< 0.05	< 0.05	0.05	0.44		< 0.05
Fluoranthene	2.3				0.11				10	0.77			1		0.94			2.1	0.16	0.82	3.8			0.42
Fluorene	0.26				< 0.05				0.94	< 0.05			< 0.05		< 0.05			0.1	< 0.05	< 0.05	0.14			< 0.05
Indeno[123-cd]pyrene	0.44				< 0.05				2.4	0.27			0.3		0.3			0.52	0.05	0.24	1.1			0.13
Phenanthrene	1.9				0.11				7.3	0.43			0.46		0.4			1	0.07	0.42	1.3			0.24
Pyrene	1.9				0.12				8.9	0.68			0.86		0.78			1.8	0.14	0.72	4.6			0.36
Naphthalene	0.07				< 0.05				0.35	< 0.05			< 0.05		< 0.05			< 0.05	< 0.05	< 0.05	< 0.05			< 0.05
Acenaphthylene	< 0.05				< 0.05				0.18	< 0.05			< 0.05		< 0.05			< 0.05	< 0.05	< 0.05	< 0.05			< 0.05
Anthracene	0.5				< 0.05				1.7	0.08			0.1		0.08			0.36	< 0.05	0.08	0.44			0.05
Benzo[a]anthracene	0.94				< 0.05				4.4	0.43			0.61		0.49			0.96	0.08	0.39	2.2			0.23
Benzo[ghi]perylene	0.78				< 0.05				4.3	0.4			0.51		0.5			1	0.09	0.45	1.8			0.22
Benzo[a]pyrene	0.48				< 0.05				2.7	0.37			0.32		0.33			0.61	0.07	0.26	1.4			0.17
Benzo[b]fluoranthene	0.93				< 0.05				4.8	0.52			0.67		0.71			1.2	0.12	0.56	2.3			0.25
Benzo[k]fluoranthene	0.3				< 0.05				1.9	0.19			0.24		0.11			0.44	< 0.05	0.18	0.9			0.1
Chrysene	0.77				< 0.05				3.9	0.38			0.56		0.45			0.97	0.08	0.42	2.2			0.24
<b>Benzene Toluene Ethylene benzene Xylene</b>	11.9				< 0.80				55.3	4.52			5.63		5.22			11.4	0.86	4.59	22.7			2.41
Benzene			< 0.005		< 0.005				< 0.005	< 0.005			< 0.005		< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene			< 0.005		< 0.005				< 0.005	< 0.005			< 0.005		< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene			< 0.005		< 0.005				< 0.005	< 0.005			< 0.005		< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
o-xylene			< 0.005		< 0.005				< 0.005	< 0.005			< 0.005		< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
m,p-xylenes			< 0.005		<																			



V1.0.0	DS305	DS306	DS306	DS306	TP301	TP302	TP303	TP304	TP305	TP307	TP308	BH24-01	BH24-01	BH24-02	BH24-02	BH24-03	BH24-03	BH24-04	BH24-04	BH24-04A	BH24-04A	BH24-05	BH24-05	BH24-05	BH24-06		
Concentration exceeds GAC																											
Limit of Detection value exceeds GAC																											
Concentration exceeds saturation value but not GAC																											
Concentration lower than Limit of Detection																											
	1.3	0.5	0.75	1.3	0.06	0.4	0.2	0.6	0.5	0.7	0.35	31.28	31.28	31.57	31.57	31.69	31.69	31.51	31.51	31.51	31.51	30.98	30.98	30.98	30.85		
	23/10/2023	23/10/2023	23/10/2023	23/10/2023	25/10/2023	25/10/2023	24/10/2023	25/10/2023	24/10/2023	24/10/2023	24/10/2023	31/07/2024	31/07/2024	26/07/2024	26/07/2024	09/08/2024	09/08/2024	26/07/2024	26/07/2024	29/07/2024	29/07/2024	23/07/2024	23/07/2024	29/07/2024	22/07/2024		
	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons	Delta Simons																
Contaminant Name																											
<b>Metal/Metalloid</b>																											
Chromium - hexavalent	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	<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	
Lead	14	57	110	73	130	160	62	37	190	240	200	22	7.6	240	16	88	22	73	35	360	590	87	54	140	63	63	
Mercury - total	< 0.3	< 0.3	0.4	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.8	1	0.7	0.05	<0.05	0.69	<0.05	0.45	0.06	0.1	0.06	0.22	0.37	0.08	0.06	0.13	0.08	0.08	
Nickel	18	26	18	22	16	23	25	21	18	36	40	10	18	42	45	20	60	32	15	19	46	25	23	60	30	30	
Antimony												<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
Arsenic	9.1	11	14	12	12	16	13	13	13	17	22	3.7	11	18	14	12	20	12	7.5	10	48	16	11	12	16	16	
Beryllium												<0.5	<0.5	0.7	0.7	0.6	1.2	0.8	<0.5	<0.5	1.9	0.8	0.7	1	0.7	0.7	
Boron (water soluble)												1.1	0.5	1.8	1.1	0.91	1.2	0.98	0.87	1.3	1.6	1.1	0.6	<0.4	0.86	0.86	
Cadmium	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.5	< 0.2	< 0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.21	0.36	<0.1	<0.1	
Chromium - total	25	23	22	27	21	26	30	24	22	26	31	8	19	33	27	21	56	37	22	17	37	35	27	42	28	28	
Copper	18	27	51	30	27	46	29	25	65	58	170	53	13	140	20	19	41	82	36	45	210	58	35	88	97	97	
Vanadium												15	30	46	48	31	83	51	28	24	52	52	60	29	46	46	
Zinc	46	60	70	75	59	120	110	55	140	130	200	46	32	140	90	55	100	140	110	52	120	92	85	160	110	110	
Selenium												<0.25	0.58	0.74	2.6	0.53	2.5	0.69	<0.25	<0.25	0.77	0.5	0.43	0.47	0.5	0.5	
<b>Inorganic</b>																											
pH				8.1			9.5					10.7	9.3	10.4	8.1	8.8	8.7	8.6	11.2	8.9	8.8	8.1	8.5	9.3	8.1	8.1	
Cyanide - total												<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	
Thiocyanate																											
Free cyanide																											
Complex cyanide																											
Total Organic Carbon												2.3	<0.2	2.3	0.35	0.71	0.39	2.9	1.5	8.4	0.83	1.4	1.7	0.31	0.65	0.65	
<b>Asbestos</b>																											
Asbestos Identification												ND		ND		ND		ND		ND		ND		ND		ND	
Asbestos form																											
Asbestos Gravimetric Quantification																											
Asbestos type																											
<b>Phenol and mineral oils</b>																											
Phenols - total																											
<b>Total petroleum hydrocarbons</b>																											
Aliphatics >C5-C6	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Aromatics >EC7-EC8	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Aromatics >EC8-EC10	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Aromatics >EC10-EC12	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Aromatics >EC12-EC16	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.8	5.5	< 2.0	35	4.9	24	4.9	24	4.9	24	4.9	24	4.9	24	4.9	24	4.9	24	4.9	24	4.9
Aromatics >EC16-EC21	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	21	17	< 1.0	92	15	68	8.5	5.9	39	4.9	5.3	3.6	15	42	4.9	4.6	39	41	9.9	9.1	
Aromatics >EC21-EC35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	13	52	64	24	250	26	38	8.3	<2	<2	<2	<2	15	24	4.2	<2	45	27	<2	15	
Aliphatics >C5-C8	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Aliphatics >C8-C10	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Aliphatics >C10-C12	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2	<2	<2	<2	<2	<2	<2	<2	3.2	2.9	<2	3	<2	<2	<2	
Aliphatics >C12-C16	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	7.1	10	< 2.0	99	4.7	54	5.2	<1	5.6	<1	<1	<1	<1	20	1.9	1.8	17	21	1.2	5.8	
Aliphatics >C16-C21	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	21	23	< 8.0	220	< 8.0	130	12	<2	28	<2	<2	5.3	98	<2	<2	58	52	13	48	48	
Aliphatics >C21-C35	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	37	72	< 8.0	16	620	< 8.0	69	18	<3	34	<3	<3	23	88	<3	<3	160	160	13	100	
<b>Polycyclic aromatic hydrocarbons</b>																											
Acenaphthene	< 0.05	< 0.05		0.14	0.1	0.23	< 0.05	< 0.05	0.2		0.13	<0.1	<0.1	0.19		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.46	<0.1	<0.1	<0.1	<0.1	
Dibenz[ah]anthracene	< 0.05	< 0.05		0.14	0.1	0.38	< 0.05	< 0.05	0.18		0.07	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2.6	2	0.71	<0.1	<0.1	<0.1	<0.1	0.17	
Fluoranthene	0.05	0.17		2.1	1.7	4.4	0.38	0.86	2.5		0.85	0.83	<0.1	3		1	<0.1	1.7	48	3.2	1.7	5	2.3	<0.1	1.4	1.4	
Fluorene	< 0.05	< 0.05		0.09	0.1	0.22	< 0.05	< 0.05	0.37		0.2	<0.1	<0.1	0.19		<0.1	<0.1	<0.1	7.3	<0.1	<0.1	<0.1	0.38	<0.1	<0.1	<0.1	
Indeno[123-cd]pyrene	< 0.05	0.05		0.64	0.45	1.8	0.14	0.19	0.79		0.35	<0.1	<0.1	1.1		<0.1	<0.1	0.66	6.2	3	1.2	1.5	<0.1	<0.1	0.69	0.69	
Phenanthrene	< 0.05	0.09		1.2	1	2.4	0.21	0.37	1.8		0.61	0.3	<0.1	1.8		0.47	<0.1	0.87	62	1.2	0.82	1.9	2.1	<0.1	0.49	0.49	
Pyrene	0.05	0.15		1.9	1.8	4.1	0.46	0.87	2.3		0.84	1.3	<0.1	2.4		0.94	<0.1	1.6	40	3.1	1.5	4.6	2.1	<0.1	1.6	1.6	
Naphthalene	< 0.05	< 0.05		0.12	0.13	0.13	< 0.05	< 0.05	0.15		0.21	<0.1	<0.1	0.15		<0.1	<0.1	<0.1	2.6	<0.1	<0.1	<0.1	0.5	<0.1	<0.1	<0.1	
Acenaphthylene	< 0.05	< 0.05		0.08	0.08	0.08	< 0.05	< 0.05	0.08		0.08	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	7.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Anthracene	< 0.05	< 0.05		0.22	0.19	0.53	0																				



V1.0.0	BH24-06	BH24-06	BH24-06	BH24-07	BH24-07	BH24-07	BH24-08	BH24-08	BH24-08	BH24-08	BH24-08	BH24-09	BH24-09	BH24-09	BH24-09	BH24-10	BH24-10	BH24-10	BH24-10	BH25-01	BH25-01	BH25-02	BH25-02	BH25-02	BH25-03
Concentration exceeds GAC	6.1	6.2	6.3	7	7.1	7.2	8	8.1	8.2	8.3	8.4	9	9.1	9.2	9.3	66	67	68	70	2	1	1	2	3	1
Limit of Detection value exceeds GAC	502845.89	502845.89	502845.89	502968.25	502968.25	502968.25	503000.95	503000.95	503000.95	503000.95	503000.95	502847.96	502847.96	502847.96	502847.96	503021.78	503021.78	503021.78	503021.78	503027.8	503027.8	502927.85	502927.85	502927.85	503022.87
Concentration exceeds saturation value but not GAC	179959.35	179959.35	179959.35	179961.59	179961.59	179961.59	179948.63	179948.63	179948.63	179948.63	179948.63	179915.06	179915.06	179915.06	179915.06	179901.13	179901.13	179901.13	179901.13	180183.19	180183.19	180083.1	180083.1	180083.1	179998.12
Concentration lower than Limit of Detection	30.85	30.85	30.85	31	31	31	31.09	31.09	31.09	31.09	31.09	30.71	30.71	30.71	30.71	30.86	30.86	30.86	30.86	32.71	32.71	31.53	31.53	31.53	31.72
	1.2	2.5	3.3	0.4	2.2	3.5	0.5	0.8	1.2	1.8	3	0.25	1.2	2.5	3.3	0.3	0.9	1.8	4.5	1	0.3	0.4	0.9	1.4	0.3
	22/07/2024	25/07/2024	25/07/2024	31/07/2024	05/08/2024	05/08/2024	02/08/2024	02/08/2024	02/08/2024	05/08/2024	05/08/2024	22/07/2024	22/07/2024	25/07/2024	25/07/2024	12/08/2024	12/08/2024	12/08/2024	13/08/2024	08/02/2025	18/02/2025	20/02/2025	20/02/2025	20/02/2025	18/02/2025
Contaminant Name																									
<b>Metal/Metalloid</b>																									
Chromium - hexavalent	<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	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	33	2.8	19	28	11	7.2	39	54	65	2	9.7	290	460	13	17	46	140	4	16	22	260	51	250	5.1	1200
Mercury - total	0.2	<0.05	0.05	<0.05	<0.05	<0.05	0.06	0.13	0.17	<0.05	<0.05	<0.05	2	<0.05	0.12	0.09	<0.05	<0.05	<0.05	0.06	0.07	0.14	<0.05	0.17	
Nickel	35	6	46	7.4	27	27	21	14	17	19	28	15	39	24	48	29	28	14	37	21	22	15	15	11	23
Antimony	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	33
Arsenic	12	2.7	13	2.6	4.7	2.1	6.6	8.6	9.5	13	4.8	6.1	19	5.7	8.8	13	21	8.4	9.1	19	10	7.7	11	6	13
Beryllium	1	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	0.5	0.6	<0.5	<0.5	<0.5	1.2	<0.5	1	0.7	0.7	<0.5	1.3	0.9	1	0.6	0.7	<0.5	0.8
Boron (water soluble)	<0.4	<0.4	0.51	0.48	0.99	0.97	1.1	1.2	1.3	<0.4	0.8	0.68	1.9	0.7	0.44	0.7	0.61	<0.4	1.2	1.1	1.6	1.5	0.75	<0.4	1.6
Cadmium	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.28	<0.1	<0.1	0.21	<0.1	0.21	<0.1	0.11	0.29	0.26	0.14	<0.1	0.12	
Chromium - total	36	8	40	19	29	27	17	15	26	18	22	20	35	27	44	31	22	13	32	23	26	20	21	11	17
Copper	28	2.5	24	34	17	13	200	51	37	4.2	15	26	71	13	25	30	27	4.7	23	13	44	20	18	5.3	72
Vanadium	46	6.2	42	14	39	31	27	20	34	27	35	20	52	34	61	39	33	16	47	30	38	28	16	25	
Zinc	71	8.2	60	120	57	45	380	59	74	26	53	47	470	37	75	56	120	14	65	49	77	84	58	16	67
Selenium	0.87	<0.25	0.64	<0.25	<0.25	<0.25	<0.25	0.26	0.45	<0.25	<0.25	<0.25	0.82	0.4	1.2	0.62	0.66	<0.25	1.4	<0.25	0.52	0.67	0.66	0.39	<0.25
<b>Inorganic</b>																									
pH	8.2	8.6	8.3	8.3	8	8	7.3	7.9	8	8.4	8.3	8.3	8.3	8.2	8.2	8.6	8.7	8.8	8.6	9.6	11.5	10.2	9.7	8.8	9.1
Cyanide - total	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thiocyanate				<5																					
Free cyanide				<0.5																					
Complex cyanide				<0.5																					
Total Organic Carbon	0.52	0.31	0.25	0.48	<0.2	0.48	0.73	0.99	1.1	<0.2	0.55	1.1	2.1	0.58	0.53	0.31	0.29	<0.2	0.67	0.6	4.4	2.1	0.89	<0.2	1.7
<b>Asbestos</b>																									
Asbestos Identification	ND						ND	ND	ND			ND	Detected	ND		ND	ND				ND	ND	ND		ND
Asbestos form													Chrysotile												
Asbestos Gravimetric Quantification													<0.001												
Asbestos type													Fibres/Clumps												
<b>Phenol and mineral oils</b>																									
Phenols - total													<0.5			<0.5									
<b>Total petroleum hydrocarbons</b>																									
Aliphatics >C5-C6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC7-EC8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC8-EC10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC10-EC12	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Aromatics >EC12-EC16	<1	<1	<1	11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	44	<1	<1	<1	<1	<1	<1	<1
Aromatics >EC16-EC21	9.3	<2	2.1	15	4	2.5	6.2	8.6	7.8	2.5	3.9	20	<2	<2	<2	22	330	3.8	4	<2	16	11	35	2.1	3.9
Aromatics >EC21-EC35	34	<2	<2	4.8	<2	<2	16	18	8.1	<2	<2	39	<2	<2	<2	69	5	<2	<2	6.4	34	35	24	<2	4.7
Aliphatics >C5-C8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aliphatics >C8-C10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.14	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aliphatics >C10-C12	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	180	<2	<2	<2	<2	<2	<2	<2
Aliphatics >C12-C16	2.8	<1	<1	37	<1	<1	<1	3.2	<1	1.6	<1	1.3	<1	4.4	2.7	<1	1200	<1	<1	<1	6.6	4.9	130	<1	4.6
Aliphatics >C16-C21	3.8	<2	<2	100	<2	<2	5.7	28	5.8	<2	<2	13	<2	3.2	2.2	<2	1400	3.7	<2	<2	32	25	520	<2	3.5
Aliphatics >C21-C35	5.6	<3	4.3	150	<3	<3	55	70	5.6	<3	<3	13	<3	6.8	<3	10	360	<3	5.5	<3	190	120	250	<3	8.5
<b>Polycyclic aromatic hydrocarbons</b>																									
Acenaphthene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	0.17	<0.1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	0.32	<0.1	<0.1	0.33
Dibenz[ah]anthracene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.13	0.13	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	0.32	<0.1	<0.1	<0.1
Fluoranthene	0.25	<0.1	<0.1	0.73	<0.1	<0.1	1.9	2	0.43	<0.1	<0.1	2.2	2.9	<0.1	<0.1	6.2	<0.1	<0.1	<0.1	4.1	1.1	5.8	1.7	0.12	6.9
Fluorene	<0.1	<0.1	<0.1	&lt																					



V1.0.0	BH25-03	BH25-04	BH25-04	BH25-04	BH25-05	BH25-05	BH25-05	DS24-01	DS24-01	DS24-01	DS24-02	DS24-02	DS24-03	DS24-03	DS24-03	DS24-04	DS24-04	DS24-04	DS24-05
Concentration exceeds GAC	4	1	2	4	1	3	4	4D	1D.1	1D.2	2D	2D.1	3D	3D.1	3D.2	4D	4D.1	4D.2	5D
Limit of Detection value exceeds GAC	503022.87	502797.98	502797.98	502797.98	502841.64	502841.64	502841.64	502856.04	502856.04	502856.04	503042.01	503042.01	502824.96	502824.96	502824.96	502917.95	502917.95	502917.95	503065.84
Concentration exceeds saturation value but not GAC	179998.12	179980.05	179980.05	179980.05	179868.38	179868.38	179868.38	180105.85	180105.85	180105.85	180155.62	180155.62	180020.02	180020.02	180020.02	180032.29	180032.29	180032.29	180008.78
Concentration lower than Limit of Detection	31.72	31.18	31.18	31.18	30.85	30.85	30.85	31.6	31.6	31.6	32.63	32.63	31.03	31.03	31.03	31.06	31.06	31.06	31.55
	3.7	0.4	0.9	2.1	0.3	2	3	0.3	0.9	1.6	0.3	1.1	0.8	1.3	3.7	0.3	0.9	1.2	0.9
	20/02/2025	19/02/2025	19/02/2025	20/02/2025	20/02/2025	20/02/2025	20/02/2025	30/07/2024	30/07/2024	31/07/2024	01/08/2024	01/08/2024	30/07/2024	30/07/2024	30/07/2024	31/07/2024	31/07/2024	31/07/2024	31/07/2024
Contaminant Name																			
<b>Metal/Metalloid</b>																			
Chromium - hexavalent	<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	<0.5	<0.5
Lead	17	62	26	120	87	4.3	91	93	11	9.6	11	53	18	110	47	38	13	74	74
Mercury - total	<0.05	0.12	0.08	0.27	0.39	<0.05	0.16	0.39	<0.05	<0.05	<0.05	0.11	0.05	0.06	0.05	0.06	<0.05	0.19	0.19
Nickel	49	12	17	14	18	13	9.8	25	30	27	26	26	16	20	13	20	19	19	19
Antimony	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Arsenic	15	6.5	8.2	8.5	11	9.3	7	16	7.1	20	110	9.4	5	30	11	10	13	9.7	9.7
Beryllium	1	0.5	0.5	0.9	0.9	<0.5	<0.5	<0.5	0.7	1	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Boron (water soluble)	<0.4	1.8	1.1	1.4	1.4	<0.4	3	0.99	0.54	0.46	<0.4	1	0.76	1.7	0.88	0.83	0.51	0.75	0.75
Cadmium	0.6	0.1	<0.1	0.21	0.12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium - total	35	15	17	22	22	15	11	27	27	26	22	25	72	19	21	17	23	21	21
Copper	29	20	15	27	28	5.3	32	35	46	14	11	79	11	63	85	14	10	29	29
Vanadium	54	21	31	32	34	13	20	37	55	43	42	36	21	30	32	20	30	32	32
Zinc	83	58	44	110	69	16	53	73	65	40	34	68	33	140	72	37	32	72	72
Selenium	3.8	<0.25	0.6	0.72	0.66	0.39	<0.25	0.43	1.1	0.89	0.53	0.26	<0.25	0.38	0.56	0.26	0.5	<0.25	<0.25
<b>Inorganic</b>																			
pH	7.8	10.4	9	9.6	9.2	9.1	8.4	9.5	7.9	8.2	9.1	8.9	8.2	8.3	8	8	8.5	8.9	8.9
Cyanide - total	<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	0.7	1.6	<0.5	<0.5	<0.5
Thiocyanate																			
Free cyanide																			
Complex cyanide																			
Total Organic Carbon	0.21	1.7	1.2	1.2	1.5	<0.2	2.2	2.2	0.39	<0.2	<0.2	1.3	0.31	0.57	1.3	0.7	0.25	0.62	0.62
<b>Asbestos</b>																			
Asbestos Identification	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Asbestos form																			
Asbestos Gravimetric Quantification																			
Asbestos type																			
<b>Phenol and mineral oils</b>																			
Phenols - total																			
<b>Total petroleum hydrocarbons</b>																			
Aliphatics >C5-C6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC7-EC8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC8-EC10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC10-EC12	<1	<1	<1	<1	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Aromatics >EC12-EC16	<1	<1	<1	12	<1	2.4	<1	85	<1	<1	<1	<1	<1	7.6	4.1	<1	3.5	<1	3.5
Aromatics >EC16-EC21	<2	6.8	<2	74	<2	32	9	94	<2	5.2	4.8	13	3.2	4.1	46	100	6.2	13	13
Aromatics >EC21-EC35	3.3	8.5	<2	29	<2	36	8.9	<2	<2	<2	<2	16	<2	68	9.2	<2	6.8	<2	6.8
Aliphatics >C6-C8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aliphatics >C8-C10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aliphatics >C10-C12	<2	2	2.2	<2	2.4	<2	4.4	38	<2	<2	<2	3.7	3.3	3.5	<2	<2	<2	<2	<2
Aliphatics >C12-C16	<1	<1	<1	<1	45	<1	15	8.7	220	<1	<1	7.1	1.7	1.5	11	9.8	<1	18	18
Aliphatics >C16-C21	<2	<2	<2	240	<2	67	21	240	<2	<2	<2	16	<2	82	160	<2	56	<2	56
Aliphatics >C21-C35	21	<3	<3	5.5	160	4.4	190	38	52	<3	<3	58	<3	310	630	5	13	<3	13
<b>Polycyclic aromatic hydrocarbons</b>																			
Acenaphthene	<0.1	<0.1	<0.1	<0.1	<0.1	0.15	<0.1	0.12	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz[ah]anthracene	<0.1	<0.1	0.27	0.17	0.37	<0.5	<0.1	0.25	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	<0.1	1.3	3.5	1	4.2	1.4	<0.1	1.9	0.91	<0.5	<0.1	<0.5	1	<0.1	<0.1	1.7	0.54	<0.1	1.4
Fluorene	<0.1	<0.1	<0.1	<0.1	0.19	<0.1	0.14	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno[123-cd]pyrene	<0.1	0.39	1	0.3	1.5	0.33	<0.1	0.9	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	0.49	<0.1	<0.1	<0.1	<0.1
Phenanthrene	<0.1	0.91	1.5	0.7	1.3	1.3	<0.1	1	0.56	<0.5	<0.1	<0.5	0.7	<0.1	0.87	0.29	<0.1	0.93	0.93
Pyrene	<0.1	1.3	3.4	0.94	4.5	1.1	<0.1	2.1	0.63	<0.5	<0.1	<0.5	1.1	<0.1	2	0.49	<0.1	1.1	1.1
Naphthalene	<0.1	<0.1	<0.1	0.26	<0.1	0.14	<0.1	0.26	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	<0.1	0.26	0.4	0.28	0.54	0.33	<0.1	0.27	<0.5	<0.5	<0.1	<0.5	0.16	<0.1	<0.1	0.23	<0.1	<0.1	0.23
Benzo[a]anthracene	<0.1	0.55	1.6	0.47	2.1	0.51	<0.1	1.1	<0.5	<0.5	<0.1	<0.5	0.47	<0.1	<0.1	0.88	0.3	<0.1	<0.1
Benzo[ghi]perylene	<0.1	0.42	1.1	0.32	1.4	0.42	<0.1	1.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	0.52	<0.1	<0.1	<0.1
Benzo[a]pyrene	<0.1	0.54	1.5	0.45	2.3	0.51	<0.1	1.3	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
Benzo[b]fluoranthene	<0.1	0.75	2.2	0.54	2.6	0.7	<0.1	1.6	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	1.2	<0.1	<0.1	<0.1
Benzo[k]fluoranthene	<0.1	0.24	0.83	0.26	0.98	0.26	<0.1	0.57	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	0.36	<0.1	<0.1	<0.1
Chrysene	<0.1	0.49	1.5	0.46	2.2	0.52	<0.1	1.1	<0.5	<0.5	<0.1	<0.5	0.42	<0.1	<0.1				



V1.0.0	DS24-05	DS24-05	DS24-06	DS24-06	DS24-06	DS24-07	DS24-07	DS24-07	DS24-07	DS24-08	DS24-08	DS24-08	DS24-08	DS25-01	DS25-01	DS25-02	DS25-02	DS25-03	DS25-03	DS25-04	DS25-04	DS25-04	DS25-05	DS25-05	DS25-06	
Concentration exceeds GAC	5D.1	5D.2	6D	6D.1	6D.2	7D	7D.1	7D.2	7D.3	8D	8D.1	8D.2	8D.3	2	3	2	3	1	2	1	2	3	1	2	1	
Limit of Detection value exceeds GAC	503065.84	503065.84	502808.35	502808.35	502808.35	503012.95	503012.95	503012.95	503012.95	503018.14	503018.14	503018.14	503018.14	502812.99	502812.99	502939.89	502939.89	502803.44	502803.44	502864.09	502864.09	502864.09	502969.16	502969.16	502990.99	
Concentration exceeds saturation value but not GAC	180008.78	180008.78	179912.43	179912.43	179912.43	180115.16	180115.16	180115.16	180115.16	180149.85	180149.85	180149.85	180149.85	180113.82	180113.82	180155.41	180155.41	180041.54	180041.54	180063.03	180063.03	180063.03	180080.29	180080.29	179893.03	
Concentration lower than Limit of Detection	31.55	31.55	31.05	31.05	31.05	31.66	31.66	31.66	31.66	31.86	31.86	31.86	31.86	31.77	31.77	31.72	31.72	31.15	31.15	31.45	31.45	31.45	31.68	31.68	31.17	
	1.3	3.2	0.3	1	1.2	0.3	0.7	1.1	2.4	0.3	1.1	1.5	2.3	0.8	1.4	1	1.3	0.3	1	0.3	0.9	1.8	0.3	1	0.3	
	01/08/2024	01/08/2024	23/07/2024	23/07/2024	23/07/2024	01/08/2024	01/08/2024	01/08/2024	01/08/2024	01/08/2024	01/08/2024	02/08/2024	02/08/2024	26/02/2025	27/02/2025	24/02/2025	27/02/2025	25/02/2025	25/02/2025	21/02/2025	21/02/2025	04/03/2025	24/02/2025	24/02/2025	21/02/2025	
Contaminant Name																										
Metal/Metalloid																										
Chromium - hexavalent	<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	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Lead	39	15	180	13	16	95	25	33	20	33	81	12	12	210	7.8	34	170	64	30	38	98	8200	42	18	69	
Mercury - total	<0.05	<0.05	0.1	<0.05	<0.05	0.27	0.09	0.08	<0.05	0.06	0.09	<0.05	<0.05	0.91	<0.05	0.07	0.19	0.14	0.1	0.07	0.16	5.3	0.09	0.06	0.14	
Nickel	13	35	25	11	58	32	16	24	43	25	16	30	23	29	14	16	24	16	27	11	30	44	15	21	15	
Antimony	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	3.3	<2	<2	<2	<2	<2	<2	<2	19	<2	<2	<2	
Arsenic	4.7	11	11	3.8	7.8	15	9.6	12	13	15	9.3	23	10	23	7.7	12	19	10	15	6.2	12	58	6.7	14	8.4	
Beryllium	<0.5	0.6	0.7	<0.5	<0.5	0.9	<0.5	0.5	0.5	0.6	<0.5	0.8	0.6	1	<0.5	0.6	1.2	0.6	0.7	0.5	1.3	3.2	0.5	0.8	0.6	
Boron (water soluble)	<0.4	0.65	1.1	0.56	1.4	1.1	<0.4	0.99	1.4	0.48	1.3	<0.4	0.67	0.84	0.57	0.47	1.5	0.81	0.45	1.5	1	2.7	0.69	<0.4	1.6	
Cadmium	<0.1	<0.1	0.12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.35	<0.1	0.11	0.18	0.2	0.18	0.12	0.23	0.93	0.13	0.13	0.23	
Chromium - total	16	36	25	14	15	30	22	20	23	24	16	33	23	24	12	16	28	130	40	16	39	88	18	27	20	
Copper	12	25	88	11	570	44	12	24	32	17	25	15	16	530	7.4	23	35	22	14	19	33	1000	38	14	27	
Vanadium	14	50	36	17	24	46	24	43	47	33	22	45	38	36	21	26	42	35	49	24	73	51	23	35	30	
Zinc	28	71	110	24	130	82	34	59	84	42	46	43	50	340	21	46	580	72	49	54	120	1200	59	43	73	
Selenium	<0.25	1.5	0.4	<0.25	<0.25	0.94	0.38	0.84	2	0.51	0.32	0.63	0.76	0.66	<0.25	0.9	<0.25	0.37	0.44	0.39	1.1	1.5	0.7	0.84	0.56	
Inorganic																										
pH	8.7	8.8	8.4	8.2	8.6	8.1	8.2	8.6	8.6	8.1	9	7.7	7.6	9.4	8.8	9.6	9.4	10.7	10.9	9.3	10.1	8.3	10.7	8.9	9.8	
Cyanide - total	<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	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	
Thiocyanate																										
Free cyanide																										
Complex cyanide																										
Total Organic Carbon	0.3	0.5	1	0.95	0.23	0.74	<0.2	<0.2	0.44	<0.2	0.4	<0.2	<0.2	0.83	<0.2	<0.2	0.42	0.79	0.9	0.77	0.82	5.8	0.4	<0.2	2	
Asbestos																										
Asbestos Identification			ND	ND	ND	ND	ND			ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Asbestos form																										
Asbestos Gravimetric Quantification																										
Asbestos type																										
Phenol and mineral oils																										
Phenols - total						<0.5	<0.5		<0.5		<0.5															
Total petroleum hydrocarbons																										
Aliphatics >C5-C6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC7-EC8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC8-EC10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC10-EC12	<1	<1	<1	<1	<1	59	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Aromatics >EC12-EC16	2.9	<1	8.8	<1	<1	130	6.5	<1	<1	<1	<1	<1	<1	5.2	<2	1.4	2.10	3.2	3.4	4.1	1.3	<1	<1	<1	46	
Aromatics >EC16-EC21	17	5.7	50	3.4	7.4	140	12	6.3	9	5.5	<2	<2	<2	52	<10	35	1900	28	32	73	33	5.5	4.9	3.7	240	
Aromatics >EC21-EC35	2.1	<2	36	<2	9.7	16	<2	5.6	<2	<2	<2	<2	<2	110	<10	<2	950	120	120	100	33	8.3	<2	<2	230	
Aliphatics >C5-C8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aliphatics >C8-C10	<0.05	<0.05	<0.05	<0.05	<0.05	0.2	0.44	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aliphatics >C10-C12	<2	<2	2.5	<2	<2	160	7.4	2.6	<2	<2	<2	<2	<2	1.8	<1	<2	3.7	2	3.8	<2	2.4	<2	<2	<2	<2	
Aliphatics >C12-C16	10	<1	17	<1	<1	270	20	4.6	<1	<1	<1	<1	<1	26	<2	15	570	7.5	4.3	12	22	<1	3.3	<1	9.9	
Aliphatics >C16-C21	30	<2	25	19	15	160	15	3.7	<2	<2	<2	<2	<2	110	<8	280	3800	31	43	60	47	6.6	15	<2	52	
Aliphatics >C21-C35	6.7	<3	92	290	210	390	4.6	3.9	8.3	<3	<3	<3	31	320	<8	100	1900	110	100	74	130	16	<3	<3	340	
Polycyclic aromatic hydrocarbons																										
Acenaphthene	<0.1	<0.1	0.61	<0.1	<0.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.32	<0.1	<0.1	<0.1	<0.1	<0.1	
Dibenz[ah]anthracene	<0.1	<0.1	0.47	<0.1	<0.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.74	<0.1	<0.1	<0.1	<0.1	<0.1	
Fluoranthene	<0.1	<0.1	11	0.61	1.6	1.2	<0.5	<0.1	<0.5	0.12	<0.5	<0.1	<0.1	0.64	<0.1	0.44	1.3	1.4	0.46	12	2.7	0.77	0.16	<0.1	2.8	
Fluorene	<0.1																									



V1.0.0	DS25-06	DS25-07	DS25-07	DS25-07	DS25-08	DS25-09	DS25-09	DS25-10	DS25-10	DS25-11	DS25-11	DS25-11	DS25-12	DS25-12	DS25-13	DS25-13	DS25-14	DS25-14	DS25-15A	DS25-15A	DS25-16	DS25-16	DS25-16	DS25-17	DS25-17
Concentration exceeds GAC	2	2	3	4	1	1	2	1	3	1	2	3	1	3	3	4	1	2	1	3	1	2	4	1	2
Limit of Detection value exceeds GAC	502790.99	502911.86	502911.86	502911.86	502931.05	502980.27	502980.27	503056.75	503056.75	502833.28	502833.28	502833.28	502948.69	502948.69	502888.05	502888.05	503041.87	503041.87	503008.05	503008.05	503011.07	503011.07	503011.07	503054.02	503054.02
Concentration exceeds saturation value but not GAC	179893.03	179944.88	179944.88	179944.88	179870.66	179919.15	179919.15	179933.29	179933.29	179866.45	179866.45	179866.45	179960.04	179960.04	180018.44	180018.44	180014.93	180014.93	180085.52	180085.52	180131.77	180131.77	180131.77	180189.41	180189.41
Concentration lower than Limit of Detection	31.17	30.97	30.97	30.97	30.78	31.02	31.02	31.6	31.6	30.92	30.92	30.92	31	31	31.19	31.19	31.72	31.72	31.59	31.59	31.91	31.91	31.91	32.59	32.59
	0.9	1	1.3	2.3	0.3	0.8	0.8	0.3	1.4	0.3	1.5	0.4	1.2	1.7	1.7	0.3	0.8	0.3	1.4	1.4	0.3	0.8	1.8	0.8	0.8
	21/02/2025	25/02/2025	26/02/2025	26/02/2025	26/02/2025	03/03/2025	03/03/2025	26/02/2025	27/02/2025	20/02/2025	20/02/2025	25/02/2025	21/02/2025	24/02/2025	25/02/2025	25/02/2025	20/02/2025	20/02/2025	27/02/2025	03/03/2025	20/02/2025	20/02/2025	25/02/2025	03/03/2025	03/03/2025
Contaminant Name																									
<b>Metal/Metalloid</b>																									
Chromium - hexavalent	<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	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	62	21	8.1	92	48	35	3700	26	87	70	76	68	60	56	11	68	66	84	20	9	19	67	67	7.5	7.5
Mercury - total	0.1	0.07	<0.05	0.32	0.39	0.13	1.3	0.06	0.11	0.07	0.2	0.11	0.19	0.24	0.07	0.13	0.19	0.36	0.08	<0.05	0.05	0.09	0.09	0.06	0.06
Nickel	20	8.7	14	19	34	29	34	45	19	17	22	23	23	24	12	20	21	22	43	6.3	21	30	24	30	24
Antimony	<2	<2	<2	<2	<2	<2	13	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Arsenic	10	8.1	7.2	10	33	14	45	14	12	14	9.4	12	9.4	10	7.8	14	11	13	24	6.7	14	25	15	15	15
Beryllium	0.7	<0.5	<0.5	0.9	2.4	1.1	4.2	1.6	0.7	0.8	0.8	0.9	0.8	0.9	<0.5	1.2	0.9	0.9	1.3	<0.5	0.8	1.8	1	1	1
Boron (water soluble)	1.4	0.68	0.68	4.4	0.53	0.76	0.55	0.69	0.76	1.7	1.1	1.4	1.4	0.93	0.55	<0.4	1.1	1.7	1	<0.4	<0.4	<0.4	<0.4	2.7	2.7
Cadmium	0.23	0.1	<0.1	0.13	0.15	0.1	0.35	0.21	0.24	0.15	0.19	0.25	0.18	0.21	<0.1	0.16	0.11	0.18	0.27	<0.1	0.1	0.1	0.1	0.12	0.12
Chromium - total	22	18	12	11	96	36	25	37	22	20	110	31	24	28	13	24	22	22	27	9.6	22	37	20	20	20
Copper	55	15	7.8	40	73	23	140	30	38	26	35	28	25	20	8.4	34	76	26	24	9.2	12	21	11	11	11
Vanadium	32	20	17	19	43	46	52	63	33	28	34	45	34	34	17	38	32	35	51	19	31	47	28	28	
Zinc	75	27	27	71	60	68	200	85	100	69	84	85	67	67	26	85	61	75	58	62	37	56	35	35	35
Selenium	0.48	<0.25	0.26	0.6	0.31	0.38	1.1	1.1	0.73	0.62	0.46	0.77	1.2	0.64	0.33	0.78	0.69	0.26	0.66	0.29	0.86	<0.25	0.32	0.32	0.32
<b>Inorganic</b>																									
pH	10.3	10.6	9.2	8.7	10.4	8.3	8.5	7.6	8.4	8.6	11.2	10.8	9.3	9.3	9.8	10.8	8.9	7.6	7.5	9.8	9.1	8.6	8.7	8	8
Cyanide - total	<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	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thiocyanate																									
Free cyanide																									
Complex cyanide																									
Total Organic Carbon	0.57	1.7	0.89	2.4	0.83	0.59	2.8	0.2	1.2	0.93	2.3	2.7	0.87	0.49	0.34	1.8	0.39	2.9	0.48	0.26	0.33	0.46	0.63	<0.2	<0.2
<b>Asbestos</b>																									
Asbestos Identification	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Asbestos form																									
Asbestos Gravimetric Quantification																									
Asbestos type																									
<b>Phenol and mineral oils</b>																									
Phenols - total																									
<b>Total petroleum hydrocarbons</b>																									
Aliphatics >C5-C6	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.01	<0.01	<0.01
Aromatics >EC7-EC8	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.01	<0.01	<0.01
Aromatics >EC8-EC10	<0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.02	<0.05	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	0.46	<0.05	<0.05	<0.02	<0.02	<0.02
Aromatics >EC10-EC12	<1	1.4	<1	<1	<1	<1	<1	<1	3.9	<1	<1	<1	<1	<1	<1	11	<1	38	14	<1	<1	<1	<1	<1	<1
Aromatics >EC12-EC16	4.7	21	9.5	<2	4	4.8	<2	2.8	25	<1	36	<1	7.7	<2	160	<1	610	280	<1	<1	<1	<1	<1	<1	<1
Aromatics >EC16-EC21	42	100	32	<10	37	21	<10	12	<10	140	27	410	23	6.1	44	<10	86	2.4	1100	520	16	4.1	<10	<10	<10
Aromatics >EC21-EC35	55	380	11	<10	58	16	<10	<10	220	51	170	67	<2	56	<10	28	<2	270	130	7.7	7	<10	<10	<10	<10
Aliphatics >C6-C8	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	<0.1	0.14	0.48	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01
Aliphatics >C8-C10	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	<0.05	<0.05	0.14	0.17	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01
Aliphatics >C10-C12	<2	<1	1.1	<1	<1	<1	<1	<1	<1	<2	<2	2	<2	1.1	<1	41	<2	44	17	<2	<2	<1	<1	<1	<1
Aliphatics >C12-C16	3.4	17	18	<2	11	8.1	<2	11	<2	18	10	62	4.7	<1	21	3.8	370	2.6	670	360	<1	<1	<2	<2	<2
Aliphatics >C16-C21	17	110	42	<8	39	<8	22	<8	53	32	770	30	2	80	18	790	<2	2100	790	<2	<2	<8	<8	<8	<8
Aliphatics >C21-C35	88	370	23	<8	170	18	<8	59	<8	140	70	430	99	<3	120	35	1400	6	440	210	<3	5.3	<8	<8	<8
<b>Polycyclic aromatic hydrocarbons</b>																									
Acenaphthene	<0.1	0.24	0.19	<0.1	<0.1	0.15	<0.1	<0.1	<0.1	0.36	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	0.51	<0.1	1.5	1.9	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz[ah]anthracene	0.31	0.24	<0.1	<0.1	0.18	<0.1	0.18	<0.1	0.33	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	1	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	0.23	<0.1	<0.1
Fluoranthene	4.4	8.7	1.5	<0.1	2.2	1.2	0.25	1.8	<0.1	5.6	2.8	1.1	2.6	0.21	2.2	<0.1	14	0.55	0.82	0.52	1.1	0.19	0.46	<0.1	<0.1
Fluorene	<0.1	0.26	0.18	<0.1	<0.1	0.17	<0.1	<0.1	0.18	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	0.79	&lt								

V1.0.0	DS25-06 2	DS25-07 2	DS25-07 3	DS25-07 4	DS25-08 1	DS25-09 1	DS25-09 2	DS25-10 1	DS25-10 3	DS25-11 1	DS25-11 2	DS25-11 3	DS25-12 1	DS25-12 3	DS25-13 3	DS25-13 4	DS25-14 1	DS25-14 2	DS25-15A 1	DS25-15A 3	DS25-16 1	DS25-16 2	DS25-16 4	DS25-17 1	DS25-17 2	
Concentration exceeds GAC																										
Limit of Detection value exceeds GAC	502790.99	502911.86	502911.86	502911.86	502931.05	502980.27	502980.27	503056.75	503056.75	502833.28	502833.28	502833.28	502948.69	502948.69	502888.05	502888.05	503041.87	503041.87	503008.05	503008.05	503011.07	503011.07	503011.07	503054.02	503054.02	
Concentration exceeds saturation value but not GAC	179893.03	179944.88	179944.88	179944.88	179870.66	179919.15	179919.15	179933.29	179933.29	179866.45	179866.45	179866.45	179960.04	179960.04	180018.44	180018.44	180014.93	180014.93	180085.52	180085.52	180131.77	180131.77	180131.77	180189.41	180189.41	
Concentration lower than Limit of Detection	31.17 0.9	30.97 1	30.97 1.3	30.97 2.3	30.78 0.3	31.02 0.3	31.02 0.8	31.6 0.3	31.6 1.4	30.92 0.3	30.92 1	30.92 1.5	31 0.4	31 1.2	31.19 1.7	31.19 2.7	31.72 0.3	31.72 0.8	31.59 0.3	31.59 1.4	31.91 0.3	31.91 0.8	31.91 1.8	32.59 0.3	32.59 0.8	
	21/02/2025	25/02/2025	26/02/2025	26/02/2025	26/02/2025	03/03/2025	03/03/2025	26/02/2025	27/02/2025	20/02/2025	20/02/2025	25/02/2025	21/02/2025	24/02/2025	25/02/2025	25/02/2025	20/02/2025	20/02/2025	27/02/2025	03/03/2025	20/02/2025	20/02/2025	25/02/2025	03/03/2025	03/03/2025	
Methyl Tert-Butyl Ether	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001		<0.005	<0.005	
4-Nitroaniline											<0.5								<0.5	<0.5						
4-Nitrophenol											<0.5								<0.5	<0.5						
Styrene											<0.001								<0.001	<0.001						
cis-1,3-Dichloropropene											<0.01								<0.01	<0.01						
trans-1,3-Dichloropropene											<0.01								<0.01	<0.01						
Bromophenyl phenyl ether											<0.5								<0.5	<0.5						
Azobenzene											<0.5								<0.5	<0.5						
n-Propylbenzene											<0.001								<0.001	<0.001						
n-Butylbenzene											<0.001								<0.001	<0.001						
2,4-Dimethylphenol											<0.5								<0.5	<0.5						
4-chlorotoluene											<0.001								<0.001	<0.001						
4-Methylphenol											<0.5								<0.5	<0.5						
1,4-dichlorobenzene											<b>0.0011</b>								<0.5	<0.5						
4-Chloroaniline											<0.5								<0.5	<0.5						
1,2-dibromoethane											<0.005								<0.005	<0.005						
1,2-dichloroethane											<0.002								<0.002	<0.002						
1,3,5-trimethylbenzene											<0.001								<0.001	<0.001						
Bromobenzene											<0.001								<0.001	<0.001						
Chlorobenzene											<0.001								<0.001	<0.001						
bis(2-Chloroethyl)ether											<0.5								<0.5	<0.5						
bis(2-Chloroethoxy)methane											<0.5								<0.5	<0.5						
bis(2-Ethylhexyl) phthalate											<0.5								<0.5	<0.5						
Di-N-Octyl Phthalate											<0.5								<0.5	<0.5						
Hexachlorobenzene											<0.5								<0.5	<0.5						
1,2,4-trichlorobenzene											<0.5								<0.5	<0.5						
2,4-Dichlorophenol											<0.5								<0.5	<0.5						
2,4-Dinitrotoluene											<0.5								<0.5	<0.5						
Dibromochloromethane											<0.01								<0.01	<0.01						
Tetrachloroethene											<0.001								<0.001	<0.001						
Dimethyl phthalate											<0.5								<0.5	<0.5						
Dibenzofuran											<0.5								<b>1.4</b>	<b>1.4</b>						
sec-Butylbenzene											<0.001								<0.001	<b>0.09</b>						
1,3-dichloropropane											<0.002								<0.002	<0.002						
cis 1,2-Dichloroethene											<0.001								<0.001	<0.001						
Trans 1,2-Dichloroethene											<0.001								<0.001	<0.001						
Bis(2-chloroisopropyl) ether											<0.5								<0.5	<0.5						
1,3-dichlorobenzene											<0.5								<0.5	<0.5						
Carbon tetrachloride											<0.001								<0.001	<0.001						
1,1-Dichloropropane											<0.001								<0.001	<0.001						
4-Chloro-3-methylphenol											<0.5								<0.5	<0.5						
2,6-Dinitrotoluene											<0.5								<0.5	<0.5						
N-Nitrosodimethylamine											<0.5								<0.5	<0.5						
N-Nitrosodi-n-propylamine											<0.5								<0.5	<0.5						
1,1,1,2-tetrachloroethane											<0.002								<0.002	<0.002						
Chloroform											<0.001								<0.001	<0.001						
Hexachloroethane											<0.5								<0.5	<0.5						
4-Chlorophenyl phenyl ether											<0.5								<0.5	<0.5						
1,1,1-Trichloroethane											<0.001								<0.001	<0.001						
Bromomethane											<0.02								<0.02	<0.02						
Chloromethane											<0.001								<0.001	<0.001						
1,2-Dibromomethane											<0.001								<0.001	<0.001						
Bromochloromethane											<0.005								<0.005	<0.005						
Chloroethane											<0.002								<0.002	<0.002						
Vinyl Chloride											<0.001								<0.001	<0.001						
Dichloromethane											-								-	-						
Bromoform											<0.001								<0.001	<0.001						
Bromodichloromethane											<0.005								<0.005	<0.005						
1,1-dichloroethane											<0.001								<0.001	<0.001						
1,1-Dichloroethene											<0.001								<0.001	<0.001						
Trichlorofluoromethane											<0.001								<0.001	<0.001						
Isophorone											<0.5								<0.5	<0.5						
1,2-dichloropropane											<0.001								<0.001	<0.001						
1,1,2-trichloroethane											<0.01								<0.01	<0.01						
Trichloroethene											<0.001								<0.001	<0.001						
Diethyl Phthalate											<0.5								<0.5	<0.5						
Di-N-Butyl Phthalate											<0.5								<0.5	<0.5						
Butyl benzyl phthalate											<0.5								<0.5	<0.5						
Carbazole											<0.5								<b>0.69</b>	<0.5						
1,2,3-trichlorobenzene											<0.002								<0.002	<0.002						
Hexachlorobutadiene											<0.5								<0.5	<0.5						
2,4,6-Trichlorophenol																										

V1.0.0	DS25-18 1	DS25-18 2	Drainage 1 1A	Drainage 1 2A	Drainage 2 1A	Drainage 2 2A	Drainage 3 1A	Drainage 3 2A	Attenuation Pond 1A	Attenuation Pond 2A
Concentration exceeds GAC										
Limit of Detection value exceeds GAC	502822.02	502822.02								
Concentration exceeds saturation value but not GAC	180066.06	180066.06								
Concentration lower than Limit of Detection	31.41 0.4 21/02/2025	31.41 0.9 21/02/2025	01/04/2025	08/04/2025	25/03/2025	01/04/2025	25/03/2025	02/04/2025	02/04/2025	08/04/2025
Contaminant Name										
<b>Metal/Metalloid</b>										
Chromium - hexavalent	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Lead	89	97	51	110	60	110	93	94	74	36
Mercury - total	0.19	0.15	0.06	0.11	0.05	0.07	<0.05	0.1	0.13	0.07
Nickel	19	23	14	27	19	48	28	28	18	10
Antimony	<2	<2	19	43	6.4	5.9	28	8.2	2.9	<2
Arsenic	9.6	12	6	12	8.1	9.9	4.7	11	9	5.3
Beryllium	0.9	0.9	<0.5	0.7	0.7	0.5	<0.5	0.9	0.6	<0.5
Boron (water soluble)	1.6	1.8	1.4	1.1	<0.4	1.5	0.5	1.5	3.6	2.5
Cadmium	0.26	0.33	0.38	0.69	0.39	0.5	0.47	0.59	0.33	0.12
Chromium - total	23	27	22	47	30	120	46	48	23	13
Copper	46	50	110	270	99	240	370	160	40	20
Vanadium	43	47	24	49	37	29	15	47	35	19
Zinc	86	120	440	1600	230	1600	810	330	140	69
Selenium	0.56	0.76	0.47	0.47	0.33	<0.25	<0.25	0.62	0.47	<0.25
<b>Inorganic</b>										
pH	9	9		8.3						7.6
Cyanide - total	<0.5	<0.5								
Thiocyanate										
Free cyanide										
Complex cyanide										
Total Organic Carbon	1.2	1.4								
<b>Asbestos</b>										
Asbestos Identification	Detected	ND								
Asbestos form	Chrysotile									
Asbestos Gravimetric Quantification	0.001									
Asbestos type	Fibres/Clumps									
<b>Phenol and mineral oils</b>										
Phenols - total										
<b>Total petroleum hydrocarbons</b>										
Aliphatics >C5-C6	<0.05	<0.05	U/S	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC7-EC8	<0.05	<0.05	U/S	0.28	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatics >EC8-EC10	<0.05	<0.05	U/S	4	<0.05	0.54	<0.05	<0.05	<0.05	<0.05
Aromatics >EC10-EC12	<1	<1	7800	860	14	7400	58	5.7	6.1	<1
Aromatics >EC12-EC16	<1	33	23000	2700	24	13000	280	19	<1	<1
Aromatics >EC16-EC21	18	110	8200	950	130	5800	290	55	520	23
Aromatics >EC21-EC35	50	110	740	150	290	500	280	72	900	110
Aliphatics >C6-C8	<0.1	<0.1	U/S	3.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aliphatics >C8-C10	<0.05	<0.05	U/S	37	<0.05	0.24	<0.05	<0.05	<0.05	<0.05
Aliphatics >C10-C12	2.5	<2	25000	2400	6.8	13000	28	26	38	<2
Aliphatics >C12-C16	7.3	86	81000	9100	15	39000	120	45	7.4	5.3
Aliphatics >C16-C21	15	230	120000	15000	100	59000	180	140	130	54
Aliphatics >C21-C35	40	620	22000	7200	740	12000	1400	390	330	690
<b>Polycyclic aromatic hydrocarbons</b>										
Acenaphthene	0.36	0.19	<0.1	<0.1	0.18	0.24	1.2	0.63	0.31	0.3
Dibenz[ah]anthracene	0.41	0.66	<0.1	<0.1	1.6	1.5	<0.1	0.48	1.2	1.1
Fluoranthene	6.3	3	5.5	12	4.8	2.6	1.6	4.4	6.5	6
Fluorene	0.42	<0.1	<0.1	21	0.2	0.61	0.84	0.46	0.25	0.24
Indeno[123-cd]pyrene	1.8	1.5	<0.1	<0.1	3.5	2	<0.1	2.4	5.9	6.1
Phenanthrene	3.4	1.5	14	38	1.6	1.6	1.2	1.9	2.1	2
Pyrene	6.2	4.4	7.4	13	4.3	2.5	1.6	3.9	5.9	5.4
Naphthalene	0.14	<0.1	6.2	42	<0.1	0.47	22	0.25	0.23	0.23
Acenaphthylene	0.45	<0.1	<0.1	<0.1	0.1	0.21	0.77	0.17	0.42	0.49
Anthracene	1.2	0.6	<0.1	<0.1	0.58	1.2	0.33	0.43	0.9	0.91
Benzo[a]anthracene	3.1	1.9	<0.1	<0.1	3	1.9	0.83	1.9	4.1	3.9
Benzo[ghi]perylene	1.6	1.3	<0.1	<0.1	3.3	2	<0.1	2.2	5.5	6.3
Benzo[a]pyrene	3	2	<0.1	<0.1	3.7	1.9	0.97	2.7	6.9	7.1
Benzo[b]fluoranthene	3.5	2.6	<0.1	<0.1	5	2.3	1.3	4.4	11	10
Benzo[k]fluoranthene	1.4	1.2	<0.1	<0.1	2.6	1.8	0.59	1.5	3.8	3.5
Chrysene	2.6	2.2	<0.1	<0.1	3	2	0.9	2.4	5.2	4.8
<b>Benzene Toluene Ethylene benzene Xylene</b>										
Benzene	<0.001	<0.001								
Toluene	<0.001	<0.001								
Ethylbenzene	<0.001	<0.001								
o-xylene	<0.001	<0.001								
m,p-xylenes	<0.001	<0.001								
<b>PCB</b>										
PCB-118 2,3',4,4',5 - Pentachlorobiphenyl (P)										
PCB-77 3,3',4,4'-Tetrachlorobiphenyl (TCB)										
PCB-105 2,3,3',4,4'-Pentachlorobiphenyl (Pe)										
PCB-169 3,3',4,4',5,5'-Hexachlorobiphenyl (H)										
PCB-156 2,3,3,4,4,5 - Hexachlorobiphenyl (H)										
PCB-189 2,3,3',4,4',5,5'-Heptachlorobiphenyl (H)										
PCB-167 2,3',4,4',5,5'-Hexachlorobiphenyl (H)										
PCB-126 3,3',4,4',5-Pentachlorobiphenyl (Pe)										
PCB-123 2,3',4,4',5'-Pentachloro-1,1'-biphenyl (P)										
PCB-157 2,3,3',4,4',5'-Hexachloro-1,1'-biphenyl (H)										
PCB-81 3,4,4',5-Tetrachlorobiphenyl (TCB)										
PCB-114 2,3,4,4',5-Pentachlorobiphenyl (Pe)										
Total PCBs (12 Congeners)										
<b>VOC/SVOC</b>										

