

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	MH-KMSD	SDG No.:	Q2032
Lab Sample ID:	Q2019-04MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024666.D	1	05/15/25 12:00	05/16/25 21:03	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	320		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	390		5.30	50.0	ug/L
95-48-7	2-Methylphenol	430		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	420		11.0	100	ug/L
67-72-1	Hexachloroethane	370		6.50	50.0	ug/L
98-95-3	Nitrobenzene	430		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	420		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	500		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	490		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	490		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	470		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	990	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	128		10 - 139	85%	SPK: 150
13127-88-3	Phenol-d6	115		10 - 134	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.9		49 - 133	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.4		52 - 132	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	85.1		48 - 125	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	154000		7.663		
1146-65-2	Naphthalene-d8	604000		10.428		
15067-26-2	Acenaphthene-d10	384000		14.293		
1517-22-2	Phenanthrene-d10	774000		17.087		
1719-03-5	Chrysene-d12	841000		21.522		
1520-96-3	Perylene-d12	999000		24.81		

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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products