284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025907.D	1	10/01/25 10:10	10/01/25 19:15	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	26.0	U	26.0	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.6	U	28.6	200	ug/Kg
95-57-8	2-Chlorophenol	28.8	U	28.8	200	ug/Kg
95-48-7	2-Methylphenol	35.2	U	35.2	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.2	U	44.2	200	ug/Kg
98-86-2	Acetophenone	34.8	UQ	34.8	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.4	U	48.4	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.9	U	55.9	94.3	ug/Kg
67-72-1	Hexachloroethane	20.7	U	20.7	200	ug/Kg
98-95-3	Nitrobenzene	21.6	U	21.6	200	ug/Kg
78-59-1	Isophorone	38.7	U	38.7	200	ug/Kg
88-75-5	2-Nitrophenol	68.6	U	68.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	76.4	U	76.4	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.3	U	36.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.4	U	33.4	200	ug/Kg
91-20-3	Naphthalene	26.8	U	26.8	200	ug/Kg
106-47-8	4-Chloroaniline	41.7	U	41.7	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.8	UQ	29.8	200	ug/Kg
105-60-2	Caprolactam	61.4	U	61.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.8	U	33.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.2	U	30.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.3	UQ	23.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.3	UQ	34.3	200	ug/Kg
92-52-4	1,1-Biphenyl	25.7	UQ	25.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.5	UQ	26.5	200	ug/Kg
88-74-4	2-Nitroaniline	56.7	U	56.7	200	ug/Kg
131-11-3	Dimethylphthalate	31.9	U	31.9	200	ug/Kg

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208-96-8	Acenaphthylene	34.1	U	34.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.6	U	39.6	200	ug/Kg
99-09-2	3-Nitroaniline	54.2	U	54.2	200	ug/Kg
83-32-9	Acenaphthene	25.1	U	25.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.8	U	26.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.1	U	59.1	200	ug/Kg
84-66-2	Diethylphthalate	33.4	U	33.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.5	UQ	31.5	200	ug/Kg
86-73-7	Fluorene	29.8	U	29.8	200	ug/Kg
100-01-6	4-Nitroaniline	75.7	U	75.7	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.8	UQ	38.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.8	UQ	32.8	200	ug/Kg
118-74-1	Hexachlorobenzene	29.8	UQ	29.8	200	ug/Kg
1912-24-9	Atrazine	40.1	U	40.1	200	ug/Kg
87-86-5	Pentachlorophenol	60.5	U	60.5	390	ug/Kg
85-01-8	Phenanthrene	24.6	U	24.6	200	ug/Kg
120-12-7	Anthracene	39.2	U	39.2	200	ug/Kg
86-74-8	Carbazole	36.8	U	36.8	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.5	U	56.5	200	ug/Kg
206-44-0	Fluoranthene	35.4	U	35.4	200	ug/Kg
129-00-0	Pyrene	42.4	U	42.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	84.2	U	84.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.3	U	43.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	27.1	U	27.1	200	ug/Kg
218-01-9	Chrysene	23.5	U	23.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69.8	U	69.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.4	U	22.4	200	ug/Kg

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207-08-9	Benzo(k)fluoranthene	26.4	U	26.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	34.8	U	34.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.3	U	34.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.3	U	32.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.3	U	30.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.2	UQ	30.2	200	ug/Kg
123-91-1	1,4-Dioxane	53.3	U	53.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.3	U	32.3	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.3		18 - 112	46%	SPK: 150
13127-88-3	Phenol-d6	67.3		15 - 107	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	41.4		18 - 107	41%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.1		20 - 109	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.7		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	56.5		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	163000	7.743			
1146-65-2	Naphthalene-d8	606000	10.507			
15067-26-2	Acenaphthene-d10	368000	14.354			
1517-22-2	Phenanthrene-d10	688000	17.154			
1719-03-5	Chrysene-d12	698000	21.613			
1520-96-3	Perylene-d12	789000	24.96			
TENTATIVE IDENTIFIED COMPOUNDS						
000119-61-9	Benzophenone	230	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	570	J		18.1	ug/Kg
000112-80-1	Oleic Acid	98.6	J		19.3	ug/Kg
000057-11-4	Octadecanoic acid	190	J		19.4	ug/Kg
000077-94-1	Butyl citrate	85.3	J		19.6	ug/Kg
000123-79-5	Hexanedioic acid, dioctyl ester	500	J		20.7	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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