

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: East Bathhouse- Concrete
Lab Sample ID: Q3615-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	11/13/25 15:38	PB170528
108-95-2	Phenol	22.0	U	1	22.0	170	ug/Kg	11/13/25 15:38	PB170528
111-44-4	bis(2-Chloroethyl)ether	24.2	U	1	24.2	170	ug/Kg	11/13/25 15:38	PB170528
95-57-8	2-Chlorophenol	24.3	U	1	24.3	170	ug/Kg	11/13/25 15:38	PB170528
95-48-7	2-Methylphenol	29.8	U	1	29.8	170	ug/Kg	11/13/25 15:38	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	37.4	U	1	37.4	170	ug/Kg	11/13/25 15:38	PB170528
98-86-2	Acetophenone	29.4	U	1	29.4	170	ug/Kg	11/13/25 15:38	PB170528
65794-96-9	3+4-Methylphenols	41.0	U	1	41.0	330	ug/Kg	11/13/25 15:38	PB170528
621-64-7	n-Nitroso-di-n-propylamine	47.3	U	1	47.3	79.8	ug/Kg	11/13/25 15:38	PB170528
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/13/25 15:38	PB170528
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/13/25 15:38	PB170528
78-59-1	Isophorone	32.7	U	1	32.7	170	ug/Kg	11/13/25 15:38	PB170528
88-75-5	2-Nitrophenol	58.0	U	1	58.0	170	ug/Kg	11/13/25 15:38	PB170528
105-67-9	2,4-Dimethylphenol	64.6	U	1	64.6	170	ug/Kg	11/13/25 15:38	PB170528
111-91-1	bis(2-Chloroethoxy)methane	30.7	U	1	30.7	170	ug/Kg	11/13/25 15:38	PB170528
120-83-2	2,4-Dichlorophenol	28.2	U	1	28.2	170	ug/Kg	11/13/25 15:38	PB170528
91-20-3	Naphthalene	22.6	U	1	22.6	170	ug/Kg	11/13/25 15:38	PB170528
106-47-8	4-Chloroaniline	35.3	U	1	35.3	170	ug/Kg	11/13/25 15:38	PB170528
87-68-3	Hexachlorobutadiene	25.2	U	1	25.2	170	ug/Kg	11/13/25 15:38	PB170528
105-60-2	Caprolactam	52.0	U	1	52.0	330	ug/Kg	11/13/25 15:38	PB170528
59-50-7	4-Chloro-3-methylphenol	28.6	U	1	28.6	170	ug/Kg	11/13/25 15:38	PB170528
91-57-6	2-Methylnaphthalene	25.5	U	1	25.5	170	ug/Kg	11/13/25 15:38	PB170528
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/13/25 15:38	PB170528
88-06-2	2,4,6-Trichlorophenol	19.7	U	1	19.7	170	ug/Kg	11/13/25 15:38	PB170528
95-95-4	2,4,5-Trichlorophenol	29.0	U	1	29.0	170	ug/Kg	11/13/25 15:38	PB170528
92-52-4	1,1-Biphenyl	21.7	U	1	21.7	170	ug/Kg	11/13/25 15:38	PB170528
91-58-7	2-Chloronaphthalene	22.4	U	1	22.4	170	ug/Kg	11/13/25 15:38	PB170528
88-74-4	2-Nitroaniline	48.0	U	1	48.0	170	ug/Kg	11/13/25 15:38	PB170528
131-11-3	Dimethylphthalate	27.0	U	1	27.0	170	ug/Kg	11/13/25 15:38	PB170528
208-96-8	Acenaphthylene	28.8	U	1	28.8	170	ug/Kg	11/13/25 15:38	PB170528
606-20-2	2,6-Dinitrotoluene	33.5	U	1	33.5	170	ug/Kg	11/13/25 15:38	PB170528
99-09-2	3-Nitroaniline	45.9	U	1	45.9	170	ug/Kg	11/13/25 15:38	PB170528
83-32-9	Acenaphthene	21.2	U	1	21.2	170	ug/Kg	11/13/25 15:38	PB170528
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/13/25 15:38	PB170528
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/13/25 15:38	PB170528
132-64-9	Dibenzofuran	22.6	U	1	22.6	170	ug/Kg	11/13/25 15:38	PB170528
121-14-2	2,4-Dinitrotoluene	50.0	U	1	50.0	170	ug/Kg	11/13/25 15:38	PB170528
84-66-2	Diethylphthalate	28.2	U	1	28.2	170	ug/Kg	11/13/25 15:38	PB170528
7005-72-3	4-Chlorophenyl-phenylether	26.6	U	1	26.6	170	ug/Kg	11/13/25 15:38	PB170528
86-73-7	Fluorene	25.2	U	1	25.2	170	ug/Kg	11/13/25 15:38	PB170528
100-01-6	4-Nitroaniline	64.0	U	1	64.0	170	ug/Kg	11/13/25 15:38	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/13/25 15:38	PB170528

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86-30-6	n-Nitrosodiphenylamine	32.8	U	1	32.8	170	ug/Kg	11/13/25 15:38	PB170528
101-55-3	4-Bromophenyl-phenylether	27.7	U	1	27.7	170	ug/Kg	11/13/25 15:38	PB170528
118-74-1	Hexachlorobenzene	25.2	U	1	25.2	170	ug/Kg	11/13/25 15:38	PB170528
1912-24-9	Atrazine	33.9	U	1	33.9	170	ug/Kg	11/13/25 15:38	PB170528
87-86-5	Pentachlorophenol	51.2	U	1	51.2	330	ug/Kg	11/13/25 15:38	PB170528
85-01-8	Phenanthrene	20.8	U	1	20.8	170	ug/Kg	11/13/25 15:38	PB170528
120-12-7	Anthracene	33.2	U	1	33.2	170	ug/Kg	11/13/25 15:38	PB170528
86-74-8	Carbazole	31.1	U	1	31.1	170	ug/Kg	11/13/25 15:38	PB170528
84-74-2	Di-n-butylphthalate	47.8	U	1	47.8	170	ug/Kg	11/13/25 15:38	PB170528
206-44-0	Fluoranthene	29.9	U	1	29.9	170	ug/Kg	11/13/25 15:38	PB170528
129-00-0	Pyrene	35.9	U	1	35.9	170	ug/Kg	11/13/25 15:38	PB170528
85-68-7	Butylbenzylphthalate	71.2	U	1	71.2	170	ug/Kg	11/13/25 15:38	PB170528
91-94-1	3,3-Dichlorobenzidine	36.6	U	1	36.6	330	ug/Kg	11/13/25 15:38	PB170528
56-55-3	Benzo(a)anthracene	22.9	U	1	22.9	170	ug/Kg	11/13/25 15:38	PB170528
218-01-9	Chrysene	19.8	U	1	19.8	170	ug/Kg	11/13/25 15:38	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	59.0	U	1	59.0	170	ug/Kg	11/13/25 15:38	PB170528
117-84-0	Di-n-octyl phthalate	86.6	U	1	86.6	330	ug/Kg	11/13/25 15:38	PB170528
205-99-2	Benzo(b)fluoranthene	18.9	U	1	18.9	170	ug/Kg	11/13/25 15:38	PB170528
207-08-9	Benzo(k)fluoranthene	22.3	U	1	22.3	170	ug/Kg	11/13/25 15:38	PB170528
50-32-8	Benzo(a)pyrene	29.4	U	1	29.4	170	ug/Kg	11/13/25 15:38	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	29.0	U	1	29.0	170	ug/Kg	11/13/25 15:38	PB170528
53-70-3	Dibenzo(a,h)anthracene	27.3	U	1	27.3	170	ug/Kg	11/13/25 15:38	PB170528
191-24-2	Benzo(g,h,i)perylene	25.6	U	1	25.6	170	ug/Kg	11/13/25 15:38	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	25.5	U	1	25.5	170	ug/Kg	11/13/25 15:38	PB170528
123-91-1	1,4-Dioxane	45.1	U	1	45.1	170	ug/Kg	11/13/25 15:38	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	27.3	U	1	27.3	170	ug/Kg	11/13/25 15:38	PB170528

SURROGATES

367-12-4	2-Fluorophenol	59.8		10 - 105	40%	SPK: 150
13127-88-3	Phenol-d6	62.6		10 - 103	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.4		10 - 108	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.7		10 - 108	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	53.7		10 - 116	36%	SPK: 150
1718-51-0	Terphenyl-d14	49.9		10 - 109	50%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	272000
1146-65-2	Naphthalene-d8	1020000
15067-26-2	Acenaphthene-d10	617000
1517-22-2	Phenanthrene-d10	1200000
1719-03-5	Chrysene-d12	1290000
1520-96-3	Perylene-d12	1460000

TENTATIVE IDENTIFIED COMPOUNDS

000057-10-3	n-Hexadecanoic acid	100	J	18.1	ug/Kg
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Sample Wt/Vol:	30.08 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 11/13/25		

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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