

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/29/25
Client Sample ID:	JPP-29.2-012825DL	SDG No.:	Q1215
Lab Sample ID:	Q1215-07DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.8
Sample Wt/Vol:	30.03 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
BF141545.D	2	01/30/25 09:15	02/10/25 19:53	PB166360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	740	UD	410	740	ug/Kg
108-95-2	Phenol	380	UD	190	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	380	UD	190	380	ug/Kg
95-57-8	2-Chlorophenol	380	UD	190	380	ug/Kg
95-48-7	2-Methylphenol	380	UD	180	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	380	UD	200	380	ug/Kg
98-86-2	Acetophenone	380	UD	200	380	ug/Kg
65794-96-9	3+4-Methylphenols	740	UD	180	740	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	180	UD	90.7	180	ug/Kg
67-72-1	Hexachloroethane	380	UD	190	380	ug/Kg
98-95-3	Nitrobenzene	380	UD	200	380	ug/Kg
78-59-1	Isophorone	380	UD	190	380	ug/Kg
88-75-5	2-Nitrophenol	380	UD	210	380	ug/Kg
105-67-9	2,4-Dimethylphenol	380	UD	210	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	380	UD	190	380	ug/Kg
120-83-2	2,4-Dichlorophenol	380	UD	170	380	ug/Kg
91-20-3	Naphthalene	380	UD	190	380	ug/Kg
106-47-8	4-Chloroaniline	380	UD	190	380	ug/Kg
87-68-3	Hexachlorobutadiene	380	UD	190	380	ug/Kg
105-60-2	Caprolactam	740	UD	200	740	ug/Kg
59-50-7	4-Chloro-3-methylphenol	380	UD	170	380	ug/Kg
91-57-6	2-Methylnaphthalene	380	UD	190	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	740	UDQ	350	740	ug/Kg
88-06-2	2,4,6-Trichlorophenol	380	UD	160	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	380	UD	170	380	ug/Kg
92-52-4	1,1-Biphenyl	380	UD	200	380	ug/Kg
91-58-7	2-Chloronaphthalene	380	UD	190	380	ug/Kg
88-74-4	2-Nitroaniline	380	UD	210	380	ug/Kg
131-11-3	Dimethylphthalate	380	UD	180	380	ug/Kg

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/29/25
Client Sample ID:	JPP-29.2-012825DL	SDG No.:	Q1215
Lab Sample ID:	Q1215-07DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.8
Sample Wt/Vol:	30.03 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
BF141545.D	2	01/30/25 09:15	02/10/25 19:53	PB166360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	380	UD	190	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	380	UD	190	380	ug/Kg
99-09-2	3-Nitroaniline	380	UD	200	380	ug/Kg
83-32-9	Acenaphthene	230	JD	180	380	ug/Kg
51-28-5	2,4-Dinitrophenol	740	UD	550	740	ug/Kg
100-02-7	4-Nitrophenol	740	UD	260	740	ug/Kg
132-64-9	Dibenzofuran	380	UD	190	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	380	UD	190	380	ug/Kg
84-66-2	Diethylphthalate	380	UD	180	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	380	UD	190	380	ug/Kg
86-73-7	Fluorene	200	JD	190	380	ug/Kg
100-01-6	4-Nitroaniline	380	UD	240	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740	UD	260	740	ug/Kg
86-30-6	n-Nitrosodiphenylamine	380	UD	180	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	380	UD	180	380	ug/Kg
118-74-1	Hexachlorobenzene	380	UD	190	380	ug/Kg
1912-24-9	Atrazine	380	UD	210	380	ug/Kg
87-86-5	Pentachlorophenol	740	UD	170	740	ug/Kg
85-01-8	Phenanthrene	2400	D	190	380	ug/Kg
120-12-7	Anthracene	570	D	190	380	ug/Kg
86-74-8	Carbazole	380	UD	180	380	ug/Kg
84-74-2	Di-n-butylphthalate	380	UD	190	380	ug/Kg
206-44-0	Fluoranthene	3000	D	180	380	ug/Kg
129-00-0	Pyrene	2700	D	190	380	ug/Kg
85-68-7	Butylbenzylphthalate	380	UD	220	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740	UDQ	220	740	ug/Kg
56-55-3	Benzo(a)anthracene	1800	D	180	380	ug/Kg
218-01-9	Chrysene	1600	D	180	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	380	UD	200	380	ug/Kg
117-84-0	Di-n-octyl phthalate	740	UD	250	740	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300	D	180	380	ug/Kg

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/29/25
Client Sample ID:	JPP-29.2-012825DL	SDG No.:	Q1215
Lab Sample ID:	Q1215-07DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.8
Sample Wt/Vol:	30.03 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
BF141545.D	2	01/30/25 09:15	02/10/25 19:53	PB166360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	790	D	190	380	ug/Kg
50-32-8	Benzo(a)pyrene	1900	D	210	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	840	D	180	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	JD	180	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990	D	180	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	380	UD	200	380	ug/Kg
123-91-1	1,4-Dioxane	380	UD	250	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	380	UD	170	380	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.8		18 - 112	57%	SPK: 150
13127-88-3	Phenol-d6	85.7		15 - 107	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.3		18 - 107	59%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.4		20 - 109	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	73.5		10 - 116	49%	SPK: 150
1718-51-0	Terphenyl-d14	48.7		10 - 105	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	77300	6.787			
1146-65-2	Naphthalene-d8	310000	8.069			
15067-26-2	Acenaphthene-d10	166000	9.822			
1517-22-2	Phenanthrene-d10	241000	11.31			
1719-03-5	Chrysene-d12	180000	13.951			
1520-96-3	Perylene-d12	169000	15.404			

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