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

Hit Summary Sheet
SW-846

SDG No.: Q3310

Client: Langan Engineering and Environmental Services, Inc

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : SS-01-0-1									
Q3310-01	SS-01-0-1	SOIL	Naphthalene		180.000	J	34.7	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Acenaphthene		220.000	J	32.6	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Dibenzofuran		150.000	J	34.7	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Fluorene		160.000	J	38.7	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Phenanthrene		1,800.000		32	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Anthracene		470.000		50.9	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Carbazole		310.000		47.7	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Fluoranthene		2,200.000		45.9	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Pyrene		1,300.000		55.1	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Benzo(a)anthracene		1,000.000		35.2	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Chrysene		850.000		30.4	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Benzo(b)fluoranthene		1,200.000		29.1	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Benzo(k)fluoranthene		380.000		34.3	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Benzo(a)pyrene		800.000		45.1	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Indeno(1,2,3-cd)pyrene		310.000		44.5	260	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Benzo(g,h,i)perylene		360.000		39.3	260	ug/Kg
			Total Svoc :		**11,690.00**				
Q3310-01	SS-01-0-1	SOIL	9H-Fluoren-9-one	*	130.000	J	0	0	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Benzo[e]pyrene	*	440.000	J	0	0	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Benzophenone	*	350.000	J	0	0	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Dibenzothiophene	*	110.000	J	0	0	ug/Kg
Q3310-01	SS-01-0-1	SOIL	n-Hexadecanoic acid	*	980.000	J	0	0	ug/Kg
Q3310-01	SS-01-0-1	SOIL	Pentadecanoic acid	*	200.000	J	0	0	ug/Kg
			Total Tics :		**2,210.00**				
			Total Concentration:		**13,900.00**				
Client ID : SS-01-1-2									
Q3310-02	SS-01-1-2	SOIL	Phenanthrene		550.000		28.8	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Anthracene		150.000	J	45.9	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Fluoranthene		750.000		41.3	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Pyrene		470.000		49.6	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Benzo(a)anthracene		380.000		31.7	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Chrysene		300.000		27.4	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Benzo(b)fluoranthene		390.000		26.2	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Benzo(k)fluoranthene		150.000	J	30.9	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Benzo(a)pyrene		320.000		40.7	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Indeno(1,2,3-cd)pyrene		140.000	J	40.1	230	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Benzo(g,h,i)perylene		170.000	J	35.4	230	ug/Kg

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

Hit Summary Sheet
SW-846

SDG No.: Q3310

Client: Langan Engineering and Environmental Services, Inc

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**3,770.00**				
Q3310-02	SS-01-1-2	SOIL	Benzophenone	*	290.000	J	0	0	ug/Kg
Q3310-02	SS-01-1-2	SOIL	n-Hexadecanoic acid	*	920.000	J	0	0	ug/Kg
Q3310-02	SS-01-1-2	SOIL	Octadecanoic acid	*	490.000	J	0	0	ug/Kg
			Total Tics :		**1,700.00**				
			Total Concentration:		**5,470.00**				
Client ID :	**SS-01-2-3**								
Q3310-03	SS-01-2-3	SOIL	Fluoranthene		150.000	J	39.9	230	ug/Kg
Q3310-03	SS-01-2-3	SOIL	Pyrene		120.000	J	47.9	230	ug/Kg
Q3310-03	SS-01-2-3	SOIL	Chrysene		98.200	J	26.5	230	ug/Kg
Q3310-03	SS-01-2-3	SOIL	Benzo(b)fluoranthene		93.700	J	25.3	230	ug/Kg
			Total Svoc :		**461.90**				
Q3310-03	SS-01-2-3	SOIL	Benzophenone	*	290.000	J	0	0	ug/Kg
Q3310-03	SS-01-2-3	SOIL	n-Hexadecanoic acid	*	360.000	J	0	0	ug/Kg
			Total Tics :		**650.00**				
			Total Concentration:		**1,111.90**				

SAMPLE DATA

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-0-1	SDG No.:	Q3310
Lab Sample ID:	Q3310-01	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	65.3
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	240	U	1	240	500	ug/Kg	10/10/25 16:20	PB170055
108-95-2	Phenol	33.8	U	1	33.8	260	ug/Kg	10/10/25 16:20	PB170055
111-44-4	bis(2-Chloroethyl)ether	37.2	U	1	37.2	260	ug/Kg	10/10/25 16:20	PB170055
95-57-8	2-Chlorophenol	37.3	U	1	37.3	260	ug/Kg	10/10/25 16:20	PB170055
95-48-7	2-Methylphenol	45.7	U	1	45.7	260	ug/Kg	10/10/25 16:20	PB170055
108-60-1	2,2-oxybis(1-Chloropropane)	57.4	U	1	57.4	260	ug/Kg	10/10/25 16:20	PB170055
98-86-2	Acetophenone	45.1	U	1	45.1	260	ug/Kg	10/10/25 16:20	PB170055
65794-96-9	3+4-Methylphenols	62.9	U	1	62.9	500	ug/Kg	10/10/25 16:20	PB170055
621-64-7	n-Nitroso-di-n-propylamine	72.5	U	1	72.5	120	ug/Kg	10/10/25 16:20	PB170055
67-72-1	Hexachloroethane	26.9	U	1	26.9	260	ug/Kg	10/10/25 16:20	PB170055
98-95-3	Nitrobenzene	28.0	U	1	28.0	260	ug/Kg	10/10/25 16:20	PB170055
78-59-1	Isophorone	50.2	U	1	50.2	260	ug/Kg	10/10/25 16:20	PB170055
88-75-5	2-Nitrophenol	89.0	U	1	89.0	260	ug/Kg	10/10/25 16:20	PB170055
105-67-9	2,4-Dimethylphenol	99.1	U	1	99.1	260	ug/Kg	10/10/25 16:20	PB170055
111-91-1	bis(2-Chloroethoxy)methane	47.1	U	1	47.1	260	ug/Kg	10/10/25 16:20	PB170055
120-83-2	2,4-Dichlorophenol	43.3	U	1	43.3	260	ug/Kg	10/10/25 16:20	PB170055
91-20-3	Naphthalene	180	J	1	34.7	260	ug/Kg	10/10/25 16:20	PB170055
106-47-8	4-Chloroaniline	54.1	U	1	54.1	260	ug/Kg	10/10/25 16:20	PB170055
87-68-3	Hexachlorobutadiene	38.7	U	1	38.7	260	ug/Kg	10/10/25 16:20	PB170055
105-60-2	Caprolactam	79.7	U	1	79.7	500	ug/Kg	10/10/25 16:20	PB170055
59-50-7	4-Chloro-3-methylphenol	43.9	U	1	43.9	260	ug/Kg	10/10/25 16:20	PB170055
91-57-6	2-Methylnaphthalene	39.2	U	1	39.2	260	ug/Kg	10/10/25 16:20	PB170055
77-47-4	Hexachlorocyclopentadiene	180	U	1	180	500	ug/Kg	10/10/25 16:20	PB170055
88-06-2	2,4,6-Trichlorophenol	30.3	U	1	30.3	260	ug/Kg	10/10/25 16:20	PB170055
95-95-4	2,4,5-Trichlorophenol	44.5	U	1	44.5	260	ug/Kg	10/10/25 16:20	PB170055
92-52-4	1,1-Biphenyl	33.3	U	1	33.3	260	ug/Kg	10/10/25 16:20	PB170055
91-58-7	2-Chloronaphthalene	34.4	U	1	34.4	260	ug/Kg	10/10/25 16:20	PB170055
88-74-4	2-Nitroaniline	73.6	U	1	73.6	260	ug/Kg	10/10/25 16:20	PB170055
131-11-3	Dimethylphthalate	41.4	U	1	41.4	260	ug/Kg	10/10/25 16:20	PB170055
208-96-8	Acenaphthylene	44.2	U	1	44.2	260	ug/Kg	10/10/25 16:20	PB170055
606-20-2	2,6-Dinitrotoluene	51.4	U	1	51.4	260	ug/Kg	10/10/25 16:20	PB170055
99-09-2	3-Nitroaniline	70.4	U	1	70.4	260	ug/Kg	10/10/25 16:20	PB170055
83-32-9	Acenaphthene	220	J	1	32.6	260	ug/Kg	10/10/25 16:20	PB170055
51-28-5	2,4-Dinitrophenol	350	U	1	350	500	ug/Kg	10/10/25 16:20	PB170055
100-02-7	4-Nitrophenol	160	U	1	160	500	ug/Kg	10/10/25 16:20	PB170055
132-64-9	Dibenzofuran	150	J	1	34.7	260	ug/Kg	10/10/25 16:20	PB170055
121-14-2	2,4-Dinitrotoluene	76.6	U	1	76.6	260	ug/Kg	10/10/25 16:20	PB170055
84-66-2	Diethylphthalate	43.3	U	1	43.3	260	ug/Kg	10/10/25 16:20	PB170055
7005-72-3	4-Chlorophenyl-phenylether	40.8	U	1	40.8	260	ug/Kg	10/10/25 16:20	PB170055
86-73-7	Fluorene	160	J	1	38.7	260	ug/Kg	10/10/25 16:20	PB170055
100-01-6	4-Nitroaniline	98.2	U	1	98.2	260	ug/Kg	10/10/25 16:20	PB170055
534-52-1	4,6-Dinitro-2-methylphenol	160	U	1	160	500	ug/Kg	10/10/25 16:20	PB170055

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-0-1	SDG No.:	Q3310
Lab Sample ID:	Q3310-01	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	65.3
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	50.3	U	1	50.3	260	ug/Kg	10/10/25 16:20	PB170055
101-55-3	4-Bromophenyl-phenylether	42.5	U	1	42.5	260	ug/Kg	10/10/25 16:20	PB170055
118-74-1	Hexachlorobenzene	38.7	U	1	38.7	260	ug/Kg	10/10/25 16:20	PB170055
1912-24-9	Atrazine	52.0	U	1	52.0	260	ug/Kg	10/10/25 16:20	PB170055
87-86-5	Pentachlorophenol	78.5	U	1	78.5	500	ug/Kg	10/10/25 16:20	PB170055
85-01-8	Phenanthrene	1800		1	32.0	260	ug/Kg	10/10/25 16:20	PB170055
120-12-7	Anthracene	470		1	50.9	260	ug/Kg	10/10/25 16:20	PB170055
86-74-8	Carbazole	310		1	47.7	260	ug/Kg	10/10/25 16:20	PB170055
84-74-2	Di-n-butylphthalate	73.3	U	1	73.3	260	ug/Kg	10/10/25 16:20	PB170055
206-44-0	Fluoranthene	2200		1	45.9	260	ug/Kg	10/10/25 16:20	PB170055
129-00-0	Pyrene	1300		1	55.1	260	ug/Kg	10/10/25 16:20	PB170055
85-68-7	Butylbenzylphthalate	110	U	1	110	260	ug/Kg	10/10/25 16:20	PB170055
91-94-1	3,3-Dichlorobenzidine	56.1	U	1	56.1	500	ug/Kg	10/10/25 16:20	PB170055
56-55-3	Benzo(a)anthracene	1000		1	35.2	260	ug/Kg	10/10/25 16:20	PB170055
218-01-9	Chrysene	850		1	30.4	260	ug/Kg	10/10/25 16:20	PB170055
117-81-7	Bis(2-ethylhexyl)phthalate	90.5	U	1	90.5	260	ug/Kg	10/10/25 16:20	PB170055
117-84-0	Di-n-octyl phthalate	130	U	1	130	500	ug/Kg	10/10/25 16:20	PB170055
205-99-2	Benzo(b)fluoranthene	1200		1	29.1	260	ug/Kg	10/10/25 16:20	PB170055
207-08-9	Benzo(k)fluoranthene	380		1	34.3	260	ug/Kg	10/10/25 16:20	PB170055
50-32-8	Benzo(a)pyrene	800		1	45.1	260	ug/Kg	10/10/25 16:20	PB170055
193-39-5	Indeno(1,2,3-cd)pyrene	310		1	44.5	260	ug/Kg	10/10/25 16:20	PB170055
53-70-3	Dibenzo(a,h)anthracene	41.9	U	1	41.9	260	ug/Kg	10/10/25 16:20	PB170055
191-24-2	Benzo(g,h,i)perylene	360		1	39.3	260	ug/Kg	10/10/25 16:20	PB170055
95-94-3	1,2,4,5-Tetrachlorobenzene	39.2	U	1	39.2	260	ug/Kg	10/10/25 16:20	PB170055
123-91-1	1,4-Dioxane	69.1	U	1	69.1	260	ug/Kg	10/10/25 16:20	PB170055
58-90-2	2,3,4,6-Tetrachlorophenol	41.9	U	1	41.9	260	ug/Kg	10/10/25 16:20	PB170055
SURROGATES									
367-12-4	2-Fluorophenol	81.7			18 - 112	54%	SPK: 150		
13127-88-3	Phenol-d6	79.8			15 - 107	53%	SPK: 150		
4165-60-0	Nitrobenzene-d5	57.0			18 - 107	57%	SPK: 100		
321-60-8	2-Fluorobiphenyl	48.9			20 - 109	49%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	68.8			10 - 116	46%	SPK: 150		
1718-51-0	Terphenyl-d14	34.7			10 - 105	35%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	118000							
1146-65-2	Naphthalene-d8	440000							
15067-26-2	Acenaphthene-d10	216000							
1517-22-2	Phenanthrene-d10	321000							
1719-03-5	Chrysene-d12	271000							
1520-96-3	Perylene-d12	261000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	350	J			10.6	ug/Kg		
000486-25-9	9H-Fluoren-9-one	130	J			11.2	ug/Kg		

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-0-1	SDG No.:	Q3310
Lab Sample ID:	Q3310-01	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	65.3
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000132-65-0	Dibenzothiophene	110	J			11.3	ug/Kg		
000057-10-3	n-Hexadecanoic acid	980	J			11.9	ug/Kg		
001002-84-2	Pentadecanoic acid	200	J			12.7	ug/Kg		
000192-97-2	Benzo[e]pyrene	440	J			15.4	ug/Kg		

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

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-1-2	SDG No.:	Q3310
Lab Sample ID:	Q3310-02	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	72.4
Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	210	U	1	210	450	ug/Kg	10/10/25 14:26	PB170055
108-95-2	Phenol	30.5	U	1	30.5	230	ug/Kg	10/10/25 14:26	PB170055
111-44-4	bis(2-Chloroethyl)ether	33.5	U	1	33.5	230	ug/Kg	10/10/25 14:26	PB170055
95-57-8	2-Chlorophenol	33.6	U	1	33.6	230	ug/Kg	10/10/25 14:26	PB170055
95-48-7	2-Methylphenol	41.2	U	1	41.2	230	ug/Kg	10/10/25 14:26	PB170055
108-60-1	2,2-oxybis(1-Chloropropane)	51.7	U	1	51.7	230	ug/Kg	10/10/25 14:26	PB170055
98-86-2	Acetophenone	40.7	U	1	40.7	230	ug/Kg	10/10/25 14:26	PB170055
65794-96-9	3+4-Methylphenols	56.6	U	1	56.6	450	ug/Kg	10/10/25 14:26	PB170055
621-64-7	n-Nitroso-di-n-propylamine	65.3	U	1	65.3	110	ug/Kg	10/10/25 14:26	PB170055
67-72-1	Hexachloroethane	24.3	U	1	24.3	230	ug/Kg	10/10/25 14:26	PB170055
98-95-3	Nitrobenzene	25.2	U	1	25.2	230	ug/Kg	10/10/25 14:26	PB170055
78-59-1	Isophorone	45.2	U	1	45.2	230	ug/Kg	10/10/25 14:26	PB170055
88-75-5	2-Nitrophenol	80.2	U	1	80.2	230	ug/Kg	10/10/25 14:26	PB170055
105-67-9	2,4-Dimethylphenol	89.3	U	1	89.3	230	ug/Kg	10/10/25 14:26	PB170055
111-91-1	bis(2-Chloroethoxy)methane	42.4	U	1	42.4	230	ug/Kg	10/10/25 14:26	PB170055
120-83-2	2,4-Dichlorophenol	39.0	U	1	39.0	230	ug/Kg	10/10/25 14:26	PB170055
91-20-3	Naphthalene	31.3	U	1	31.3	230	ug/Kg	10/10/25 14:26	PB170055
106-47-8	4-Chloroaniline	48.8	U	1	48.8	230	ug/Kg	10/10/25 14:26	PB170055
87-68-3	Hexachlorobutadiene	34.9	U	1	34.9	230	ug/Kg	10/10/25 14:26	PB170055
105-60-2	Caprolactam	71.8	U	1	71.8	450	ug/Kg	10/10/25 14:26	PB170055
59-50-7	4-Chloro-3-methylphenol	39.5	U	1	39.5	230	ug/Kg	10/10/25 14:26	PB170055
91-57-6	2-Methylnaphthalene	35.3	U	1	35.3	230	ug/Kg	10/10/25 14:26	PB170055
77-47-4	Hexachlorocyclopentadiene	160	U	1	160	450	ug/Kg	10/10/25 14:26	PB170055
88-06-2	2,4,6-Trichlorophenol	27.3	U	1	27.3	230	ug/Kg	10/10/25 14:26	PB170055
95-95-4	2,4,5-Trichlorophenol	40.1	U	1	40.1	230	ug/Kg	10/10/25 14:26	PB170055
92-52-4	1,1-Biphenyl	30.0	U	1	30.0	230	ug/Kg	10/10/25 14:26	PB170055
91-58-7	2-Chloronaphthalene	31.0	U	1	31.0	230	ug/Kg	10/10/25 14:26	PB170055
88-74-4	2-Nitroaniline	66.3	U	1	66.3	230	ug/Kg	10/10/25 14:26	PB170055
131-11-3	Dimethylphthalate	37.3	U	1	37.3	230	ug/Kg	10/10/25 14:26	PB170055
208-96-8	Acenaphthylene	39.8	U	1	39.8	230	ug/Kg	10/10/25 14:26	PB170055
606-20-2	2,6-Dinitrotoluene	46.3	U	1	46.3	230	ug/Kg	10/10/25 14:26	PB170055
99-09-2	3-Nitroaniline	63.4	U	1	63.4	230	ug/Kg	10/10/25 14:26	PB170055
83-32-9	Acenaphthene	29.4	U	1	29.4	230	ug/Kg	10/10/25 14:26	PB170055
51-28-5	2,4-Dinitrophenol	320	U	1	320	450	ug/Kg	10/10/25 14:26	PB170055
100-02-7	4-Nitrophenol	150	U	1	150	450	ug/Kg	10/10/25 14:26	PB170055
132-64-9	Dibenzofuran	31.3	U	1	31.3	230	ug/Kg	10/10/25 14:26	PB170055
121-14-2	2,4-Dinitrotoluene	69.0	U	1	69.0	230	ug/Kg	10/10/25 14:26	PB170055
84-66-2	Diethylphthalate	39.0	U	1	39.0	230	ug/Kg	10/10/25 14:26	PB170055
7005-72-3	4-Chlorophenyl-phenylether	36.8	U	1	36.8	230	ug/Kg	10/10/25 14:26	PB170055
86-73-7	Fluorene	34.9	U	1	34.9	230	ug/Kg	10/10/25 14:26	PB170055
100-01-6	4-Nitroaniline	88.5	U	1	88.5	230	ug/Kg	10/10/25 14:26	PB170055
534-52-1	4,6-Dinitro-2-methylphenol	140	U	1	140	450	ug/Kg	10/10/25 14:26	PB170055

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-1-2	SDG No.:	Q3310
Lab Sample ID:	Q3310-02	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	72.4
Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	45.3	U	1	45.3	230	ug/Kg	10/10/25 14:26	PB170055
101-55-3	4-Bromophenyl-phenylether	38.3	U	1	38.3	230	ug/Kg	10/10/25 14:26	PB170055
118-74-1	Hexachlorobenzene	34.9	U	1	34.9	230	ug/Kg	10/10/25 14:26	PB170055
1912-24-9	Atrazine	46.9	U	1	46.9	230	ug/Kg	10/10/25 14:26	PB170055
87-86-5	Pentachlorophenol	70.7	U	1	70.7	450	ug/Kg	10/10/25 14:26	PB170055
85-01-8	Phenanthrene	550		1	28.8	230	ug/Kg	10/10/25 14:26	PB170055
120-12-7	Anthracene	150	J	1	45.9	230	ug/Kg	10/10/25 14:26	PB170055
86-74-8	Carbazole	43.0	U	1	43.0	230	ug/Kg	10/10/25 14:26	PB170055
84-74-2	Di-n-butylphthalate	66.0	U	1	66.0	230	ug/Kg	10/10/25 14:26	PB170055
206-44-0	Fluoranthene	750		1	41.3	230	ug/Kg	10/10/25 14:26	PB170055
129-00-0	Pyrene	470		1	49.6	230	ug/Kg	10/10/25 14:26	PB170055
85-68-7	Butylbenzylphthalate	98.4	U	1	98.4	230	ug/Kg	10/10/25 14:26	PB170055
91-94-1	3,3-Dichlorobenzidine	50.6	U	1	50.6	450	ug/Kg	10/10/25 14:26	PB170055
56-55-3	Benzo(a)anthracene	380		1	31.7	230	ug/Kg	10/10/25 14:26	PB170055
218-01-9	Chrysene	300		1	27.4	230	ug/Kg	10/10/25 14:26	PB170055
117-81-7	Bis(2-ethylhexyl)phthalate	81.6	U	1	81.6	230	ug/Kg	10/10/25 14:26	PB170055
117-84-0	Di-n-octyl phthalate	120	U	1	120	450	ug/Kg	10/10/25 14:26	PB170055
205-99-2	Benzo(b)fluoranthene	390		1	26.2	230	ug/Kg	10/10/25 14:26	PB170055
207-08-9	Benzo(k)fluoranthene	150	J	1	30.9	230	ug/Kg	10/10/25 14:26	PB170055
50-32-8	Benzo(a)pyrene	320		1	40.7	230	ug/Kg	10/10/25 14:26	PB170055
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	1	40.1	230	ug/Kg	10/10/25 14:26	PB170055
53-70-3	Dibenzo(a,h)anthracene	37.8	U	1	37.8	230	ug/Kg	10/10/25 14:26	PB170055
191-24-2	Benzo(g,h,i)perylene	170	J	1	35.4	230	ug/Kg	10/10/25 14:26	PB170055
95-94-3	1,2,4,5-Tetrachlorobenzene	35.3	U	1	35.3	230	ug/Kg	10/10/25 14:26	PB170055
123-91-1	1,4-Dioxane	62.3	U	1	62.3	230	ug/Kg	10/10/25 14:26	PB170055
58-90-2	2,3,4,6-Tetrachlorophenol	37.8	U	1	37.8	230	ug/Kg	10/10/25 14:26	PB170055
SURROGATES									
367-12-4	2-Fluorophenol	78.4			18 - 112	52%	SPK: 150		
13127-88-3	Phenol-d6	75.7			15 - 107	50%	SPK: 150		
4165-60-0	Nitrobenzene-d5	55.3			18 - 107	55%	SPK: 100		
321-60-8	2-Fluorobiphenyl	50.3			20 - 109	50%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	68.9			10 - 116	46%	SPK: 150		
1718-51-0	Terphenyl-d14	37.7			10 - 105	38%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	111000							
1146-65-2	Naphthalene-d8	410000							
15067-26-2	Acenaphthene-d10	210000							
1517-22-2	Phenanthrene-d10	320000							
1719-03-5	Chrysene-d12	259000							
1520-96-3	Perylene-d12	302000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	290	J			10.6	ug/Kg		
000057-10-3	n-Hexadecanoic acid	920	J			11.9	ug/Kg		

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-1-2	SDG No.:	Q3310
Lab Sample ID:	Q3310-02	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	72.4
Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	490	J			12.7	ug/Kg		

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

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-2-3	SDG No.:	Q3310
Lab Sample ID:	Q3310-03	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	210	U	1	210	440	ug/Kg	10/10/25 14:54	PB170055
108-95-2	Phenol	29.4	U	1	29.4	230	ug/Kg	10/10/25 14:54	PB170055
111-44-4	bis(2-Chloroethyl)ether	32.3	U	1	32.3	230	ug/Kg	10/10/25 14:54	PB170055
95-57-8	2-Chlorophenol	32.4	U	1	32.4	230	ug/Kg	10/10/25 14:54	PB170055
95-48-7	2-Methylphenol	39.7	U	1	39.7	230	ug/Kg	10/10/25 14:54	PB170055
108-60-1	2,2-oxybis(1-Chloropropane)	49.9	U	1	49.9	230	ug/Kg	10/10/25 14:54	PB170055
98-86-2	Acetophenone	39.2	U	1	39.2	230	ug/Kg	10/10/25 14:54	PB170055
65794-96-9	3+4-Methylphenols	54.6	U	1	54.6	440	ug/Kg	10/10/25 14:54	PB170055
621-64-7	n-Nitroso-di-n-propylamine	63.0	U	1	63.0	110	ug/Kg	10/10/25 14:54	PB170055
67-72-1	Hexachloroethane	23.4	U	1	23.4	230	ug/Kg	10/10/25 14:54	PB170055
98-95-3	Nitrobenzene	24.3	U	1	24.3	230	ug/Kg	10/10/25 14:54	PB170055
78-59-1	Isophorone	43.6	U	1	43.6	230	ug/Kg	10/10/25 14:54	PB170055
88-75-5	2-Nitrophenol	77.4	U	1	77.4	230	ug/Kg	10/10/25 14:54	PB170055
105-67-9	2,4-Dimethylphenol	86.1	U	1	86.1	230	ug/Kg	10/10/25 14:54	PB170055
111-91-1	bis(2-Chloroethoxy)methane	40.9	U	1	40.9	230	ug/Kg	10/10/25 14:54	PB170055
120-83-2	2,4-Dichlorophenol	37.6	U	1	37.6	230	ug/Kg	10/10/25 14:54	PB170055
91-20-3	Naphthalene	30.2	U	1	30.2	230	ug/Kg	10/10/25 14:54	PB170055
106-47-8	4-Chloroaniline	47.1	U	1	47.1	230	ug/Kg	10/10/25 14:54	PB170055
87-68-3	Hexachlorobutadiene	33.6	U	1	33.6	230	ug/Kg	10/10/25 14:54	PB170055
105-60-2	Caprolactam	69.3	U	1	69.3	440	ug/Kg	10/10/25 14:54	PB170055
59-50-7	4-Chloro-3-methylphenol	38.2	U	1	38.2	230	ug/Kg	10/10/25 14:54	PB170055
91-57-6	2-Methylnaphthalene	34.0	U	1	34.0	230	ug/Kg	10/10/25 14:54	PB170055
77-47-4	Hexachlorocyclopentadiene	150	U	1	150	440	ug/Kg	10/10/25 14:54	PB170055
88-06-2	2,4,6-Trichlorophenol	26.3	U	1	26.3	230	ug/Kg	10/10/25 14:54	PB170055
95-95-4	2,4,5-Trichlorophenol	38.7	U	1	38.7	230	ug/Kg	10/10/25 14:54	PB170055
92-52-4	1,1-Biphenyl	29.0	U	1	29.0	230	ug/Kg	10/10/25 14:54	PB170055
91-58-7	2-Chloronaphthalene	29.9	U	1	29.9	230	ug/Kg	10/10/25 14:54	PB170055
88-74-4	2-Nitroaniline	63.9	U	1	63.9	230	ug/Kg	10/10/25 14:54	PB170055
131-11-3	Dimethylphthalate	36.0	U	1	36.0	230	ug/Kg	10/10/25 14:54	PB170055
208-96-8	Acenaphthylene	38.4	U	1	38.4	230	ug/Kg	10/10/25 14:54	PB170055
606-20-2	2,6-Dinitrotoluene	44.7	U	1	44.7	230	ug/Kg	10/10/25 14:54	PB170055
99-09-2	3-Nitroaniline	61.1	U	1	61.1	230	ug/Kg	10/10/25 14:54	PB170055
83-32-9	Acenaphthene	28.3	U	1	28.3	230	ug/Kg	10/10/25 14:54	PB170055
51-28-5	2,4-Dinitrophenol	300	U	1	300	440	ug/Kg	10/10/25 14:54	PB170055
100-02-7	4-Nitrophenol	140	U	1	140	440	ug/Kg	10/10/25 14:54	PB170055
132-64-9	Dibenzofuran	30.2	U	1	30.2	230	ug/Kg	10/10/25 14:54	PB170055
121-14-2	2,4-Dinitrotoluene	66.6	U	1	66.6	230	ug/Kg	10/10/25 14:54	PB170055
84-66-2	Diethylphthalate	37.6	U	1	37.6	230	ug/Kg	10/10/25 14:54	PB170055
7005-72-3	4-Chlorophenyl-phenylether	35.5	U	1	35.5	230	ug/Kg	10/10/25 14:54	PB170055
86-73-7	Fluorene	33.6	U	1	33.6	230	ug/Kg	10/10/25 14:54	PB170055
100-01-6	4-Nitroaniline	85.3	U	1	85.3	230	ug/Kg	10/10/25 14:54	PB170055
534-52-1	4,6-Dinitro-2-methylphenol	140	U	1	140	440	ug/Kg	10/10/25 14:54	PB170055

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-2-3	SDG No.:	Q3310
Lab Sample ID:	Q3310-03	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.7	U	1	43.7	230	ug/Kg	10/10/25 14:54	PB170055
101-55-3	4-Bromophenyl-phenylether	37.0	U	1	37.0	230	ug/Kg	10/10/25 14:54	PB170055
118-74-1	Hexachlorobenzene	33.6	U	1	33.6	230	ug/Kg	10/10/25 14:54	PB170055
1912-24-9	Atrazine	45.2	U	1	45.2	230	ug/Kg	10/10/25 14:54	PB170055
87-86-5	Pentachlorophenol	68.2	U	1	68.2	440	ug/Kg	10/10/25 14:54	PB170055
85-01-8	Phenanthrene	27.8	U	1	27.8	230	ug/Kg	10/10/25 14:54	PB170055
120-12-7	Anthracene	44.3	U	1	44.3	230	ug/Kg	10/10/25 14:54	PB170055
86-74-8	Carbazole	41.5	U	1	41.5	230	ug/Kg	10/10/25 14:54	PB170055
84-74-2	Di-n-butylphthalate	63.7	U	1	63.7	230	ug/Kg	10/10/25 14:54	PB170055
206-44-0	Fluoranthene	150	J	1	39.9	230	ug/Kg	10/10/25 14:54	PB170055
129-00-0	Pyrene	120	J	1	47.9	230	ug/Kg	10/10/25 14:54	PB170055
85-68-7	Butylbenzylphthalate	94.9	U	1	94.9	230	ug/Kg	10/10/25 14:54	PB170055
91-94-1	3,3-Dichlorobenzidine	48.8	U	1	48.8	440	ug/Kg	10/10/25 14:54	PB170055
56-55-3	Benzo(a)anthracene	30.6	U	1	30.6	230	ug/Kg	10/10/25 14:54	PB170055
218-01-9	Chrysene	98.2	J	1	26.5	230	ug/Kg	10/10/25 14:54	PB170055
117-81-7	Bis(2-ethylhexyl)phthalate	78.7	U	1	78.7	230	ug/Kg	10/10/25 14:54	PB170055
117-84-0	Di-n-octyl phthalate	120	U	1	120	440	ug/Kg	10/10/25 14:54	PB170055
205-99-2	Benzo(b)fluoranthene	93.7	J	1	25.3	230	ug/Kg	10/10/25 14:54	PB170055
207-08-9	Benzo(k)fluoranthene	29.8	U	1	29.8	230	ug/Kg	10/10/25 14:54	PB170055
50-32-8	Benzo(a)pyrene	39.2	U	1	39.2	230	ug/Kg	10/10/25 14:54	PB170055
193-39-5	Indeno(1,2,3-cd)pyrene	38.7	U	1	38.7	230	ug/Kg	10/10/25 14:54	PB170055
53-70-3	Dibenzo(a,h)anthracene	36.4	U	1	36.4	230	ug/Kg	10/10/25 14:54	PB170055
191-24-2	Benzo(g,h,i)perylene	34.2	U	1	34.2	230	ug/Kg	10/10/25 14:54	PB170055
95-94-3	1,2,4,5-Tetrachlorobenzene	34.0	U	1	34.0	230	ug/Kg	10/10/25 14:54	PB170055
123-91-1	1,4-Dioxane	60.1	U	1	60.1	230	ug/Kg	10/10/25 14:54	PB170055
58-90-2	2,3,4,6-Tetrachlorophenol	36.4	U	1	36.4	230	ug/Kg	10/10/25 14:54	PB170055
SURROGATES									
367-12-4	2-Fluorophenol	78.0			18 - 112	52%	SPK: 150		
13127-88-3	Phenol-d6	74.7			15 - 107	50%	SPK: 150		
4165-60-0	Nitrobenzene-d5	55.1			18 - 107	55%	SPK: 100		
321-60-8	2-Fluorobiphenyl	50.4			20 - 109	50%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	65.0			10 - 116	43%	SPK: 150		
1718-51-0	Terphenyl-d14	38.9			10 - 105	39%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	114000							
1146-65-2	Naphthalene-d8	429000							
15067-26-2	Acenaphthene-d10	224000							
1517-22-2	Phenanthrene-d10	349000							
1719-03-5	Chrysene-d12	243000							
1520-96-3	Perylene-d12	304000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	290	J			10.6	ug/Kg		
000057-10-3	n-Hexadecanoic acid	360	J			11.9	ug/Kg		

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/08/25
Client Sample ID:	SS-01-2-3	SDG No.:	Q3310
Lab Sample ID:	Q3310-03	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

LAB CHRONICLE

OrderID:	Q3310	**OrderDate:**	10/8/2025 1:24:21 PM
Client:	Langan Engineering and Environmental Services, Inc	**Project:**	Con Edison Richmond Terrace
Contact:	Gregory DelMastro	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3310-01	**SS-01-0-1**	**SOIL**			**10/07/25**			**10/08/25**
			SVOC-TCL BNA -20	8270E		10/10/25	10/10/25	
Q3310-02	**SS-01-1-2**	**SOIL**			**10/07/25**			**10/08/25**
			SVOC-TCL BNA -20	8270E		10/10/25	10/10/25	
Q3310-03	**SS-01-2-3**	**SOIL**			**10/07/25**			**10/08/25**
			SVOC-TCL BNA -20	8270E		10/10/25	10/10/25	