

Report of Analysis

Client:	Union Paving & Construction Company		Date Collected:	06/23/25	
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001		Date Received:	06/23/25	
Client Sample ID:	PARK AVE -4		SDG No.:	Q2393	
Lab Sample ID:	Q2393-08		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	87.7	
Sample Wt/Vol:	8.42	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022798.D	1		06/24/25 15:29	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.77	U	0.77	3.40	ug/Kg
74-87-3	Chloromethane	0.77	U	0.77	3.40	ug/Kg
75-01-4	Vinyl Chloride	0.53	U	0.53	3.40	ug/Kg
74-83-9	Bromomethane	0.72	U	0.72	3.40	ug/Kg
75-00-3	Chloroethane	0.85	U	0.85	3.40	ug/Kg
75-69-4	Trichlorofluoromethane	4.30		0.82	3.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.72	U	0.72	3.40	ug/Kg
75-35-4	1,1-Dichloroethene	0.68	U	0.68	3.40	ug/Kg
67-64-1	Acetone	83.6		3.20	16.9	ug/Kg
75-15-0	Carbon Disulfide	1.10	J	0.72	3.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.49	U	0.49	3.40	ug/Kg
79-20-9	Methyl Acetate	1.00	U	1.00	3.40	ug/Kg
75-09-2	Methylene Chloride	2.40	U	2.40	6.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.58	U	0.58	3.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.54	U	0.54	3.40	ug/Kg
110-82-7	Cyclohexane	0.53	U	0.53	3.40	ug/Kg
78-93-3	2-Butanone	49.3		4.40	16.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.66	U	0.66	3.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.51	U	0.51	3.40	ug/Kg
74-97-5	Bromochloromethane	0.78	U	0.78	3.40	ug/Kg
67-66-3	Chloroform	0.57	U	0.57	3.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.63	U	0.63	3.40	ug/Kg
108-87-2	Methylcyclohexane	0.62	U	0.62	3.40	ug/Kg
71-43-2	Benzene	0.53	U	0.53	3.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.53	U	0.53	3.40	ug/Kg
79-01-6	Trichloroethene	0.55	U	0.55	3.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.62	U	0.62	3.40	ug/Kg
75-27-4	Bromodichloromethane	0.53	U	0.53	3.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.40	U	2.40	16.9	ug/Kg
108-88-3	Toluene	0.53	U	0.53	3.40	ug/Kg

Report of Analysis

Client:	Union Paving & Construction Company			Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001			Date Received:	06/23/25
Client Sample ID:	PARK AVE -4			SDG No.:	Q2393
Lab Sample ID:	Q2393-08			Matrix:	SOIL
Analytical Method:	8260D			% Solid:	87.7
Sample Wt/Vol:	8.42	Units:	g	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022798.D	1		06/24/25 15:29	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.44	U	0.44	3.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.42	U	0.42	3.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.62	U	0.62	3.40	ug/Kg
591-78-6	2-Hexanone	2.50	U	2.50	16.9	ug/Kg
124-48-1	Dibromochloromethane	0.59	U	0.59	3.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.60	U	0.60	3.40	ug/Kg
127-18-4	Tetrachloroethene	0.71	U	0.71	3.40	ug/Kg
108-90-7	Chlorobenzene	0.62	U	0.62	3.40	ug/Kg
100-41-4	Ethyl Benzene	0.45	U	0.45	3.40	ug/Kg
179601-23-1	m/p-Xylenes	0.84	U	0.84	6.80	ug/Kg
95-47-6	o-Xylene	0.56	U	0.56	3.40	ug/Kg
100-42-5	Styrene	0.48	U	0.48	3.40	ug/Kg
75-25-2	Bromoform	0.58	U	0.58	3.40	ug/Kg
98-82-8	Isopropylbenzene	0.53	U	0.53	3.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.82	U	0.82	3.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.20	U	1.20	3.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.10	U	1.10	3.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.98	U	0.98	3.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.20	U	1.20	3.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.00	U	2.00	3.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.20	U	2.20	3.40	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	48.2	63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7	70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	49.5	74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2	17 - 146	110%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	302000	7.701
540-36-3	1,4-Difluorobenzene	544000	8.609
3114-55-4	Chlorobenzene-d5	512000	11.414
3855-82-1	1,4-Dichlorobenzene-d4	232000	13.34

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Union Paving & Construction Company		Date Collected:	06/23/25	
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001		Date Received:	06/23/25	
Client Sample ID:	PARK AVE -4		SDG No.:	Q2393	
Lab Sample ID:	Q2393-08		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	87.7	
Sample Wt/Vol:	8.42	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022798.D	1		06/24/25 15:29	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
95-63-6	1,2,4-Trimethylbenzene	0.79	J		13.0	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