

Report of Analysis

Client: Union Paving & Construction Company Date Collected: Project: 190 Park Ave Hanover Twp NJ - PO 2556-01 Date Received: Client Sample ID: PB168607BS SDG No.: Q2393 Lab Sample ID: PB168607BS Matrix: SOIL Analytical Method: 8082A % Solid: 100 Decanted: Sample W/Vol: 30.02 Units: g Final Vol: 1000 uL Soil Aliquot Vol: uL uL Test: PCB Final Vol: 1000 uL GPC Factor : 1.0 PH : Prep Date Date Analyzed Prep Batch ID Pla68607 P073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 V CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS 12674-11-2 Arcolor-1232 3.70 U 3.70 U ug/kg 1141-1-5 Arcolor-1242 4.00 U 4.00 17.0 ug/kg 11414-28-2 Arcolor-1244 5.00 U 3.00		и: р.: о							
Client Sample ID: PB168607BS SDG No.: Q2393 Lab Sample ID: PB168607BS Matrix: SOIL Analytical Method: 8082A % Solid: 100 Decanted: Sample Wt/Vol: 30.02 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL Test: PCB Extraction Type: Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3541B SW3541B Dilution: Prep Date Date Analyzed Prep Batch ID PP073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 TARGETS 12674-11-2 Aroclor-1016 165 3.90 17.0 ug/kg 1104-28-2 Aroclor-1232 3.70 U 3.70 17.0 ug/kg 1104-28-2 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 11047-28-4 Aroclor-1242 4.00 U 3.00 17.0 ug/kg 11047-28-5 Aroclor-1248 5.90 U 5.90 17.0 ug/kg </td <td colspan="2">-</td> <td colspan="3">& Construction Company</td> <td colspan="3">Date Collected:</td>	-		& Construction Company			Date Collected:			
Lab Sample ID: PB168607BS Matrix: SOIL Analytical Method: 8082A % Solid: 100 Decanted: Sample Wt/Vol: 30.02 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL Test: PCB Final Vol: 10000 uL Soil Aliquot Vol: uL Test: PCB Final Vol: Final Vol: <td>Project:</td> <td colspan="3">anover Twp NJ - PO 2556-001</td> <td>Date Received:</td> <td></td> <td></td>	Project:	anover Twp NJ - PO 2556-001			Date Received:				
Analytical Method: 8082A % Solid: 100 Decanted: Sample Wt/Vol: 30.02 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL Test: PCB PCB Extraction Type: Injection Volume : Injection Volume : Injection Volume : Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3541B Prep Date Date Analyzed Prep Batch ID PP073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS 1100 165 3.90 17.0 ug/kg 1104-28-2 Arcelor-1016 165 3.90 17.0 ug/kg 1104-28-2 Arcelor-1221 4.00 U 4.00 17.0 ug/kg 1104-28-2 Arcelor-1242 4.00 U 4.00 17.0 ug/kg 1104-28-2 Arcelor-1243 5.90 U 5.90 17.0 ug/kg 1104-14-26	Client Sample ID:	PB168607BS				SDG No.:	Q2393		
Sample Wt/Vol: 30.02 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL Test: PCB Extraction Type: 1.0 PH : Injection Volume : PCB GPC Factor : 1.0 PH : Prep Method : SW3541B Prep Method : SW3541B File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 TARGETS 12674-11-2 Aroclor-1016 165 3.90 17.0 ug/kg 11104-28-2 Aroclor-1221 4.00 U 4.00 17.0 ug/kg 1114-16-5 Aroclor-1232 3.70 U 3.70 17.0 ug/kg 1104-28-2 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 11141-16-5 Aroclor-1242 5.90 U 3.70 17.0 ug/kg 11097-69-1 Aroclor-1248 5.90 U 5.90 17.0 ug/kg 11097-69-1 Aroclo	Lab Sample ID:	PB168607BS				Matrix:	SOIL		
Soil Aliquot Vol: uL Test: PCB Extraction Type: Injection Volume : Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3541B File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS I2674-11-2 Aroclor-1016 165 3.90 17.0 ug/kg 11104-28-2 Aroclor-1221 4.00 U 4.00 17.0 ug/kg 11141-16-5 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 1104-28-2 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 11141-16-5 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 1104-28-2 Aroclor-1244 0.0 U 4.00 17.0 ug/kg 11097-69-1 Aroclor-1248 5.90 U <t< td=""><td>Analytical Method</td><td>l: 8082A</td><td></td><td></td><td></td><td>% Solid:</td><td>100 E</td><td>Decanted:</td></t<>	Analytical Method	l: 8082A				% Solid:	100 E	Decanted:	
Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3541B Date Analyzed Prep Batch ID File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID P073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS 12674-11-2 Arcolor-1016 165 3.90 17.0 ug/kg 11104-28-2 Arcolor-1221 4.00 U 4.00 17.0 ug/kg 11141-16-5 Arcolor-1232 3.70 U 3.70 17.0 ug/kg 53469-21-9 Arcolor-1248 5.90 U 3.20 17.0 ug/kg 11097-69-1 Arcolor-1264 3.20 U 3.20 17.0 ug/kg 1100-14-4 Arcolor-1262 5.00 U 5.00 17.0 ug/kg 1100-14-4 Arcolor-1264 3.60 U 3.60 17.0 ug/kg 1100-14-4 Arcolor-1268	Sample Wt/Vol:	30.02 Uni	ts: g			Final Vol:	10000	uL	
GPC Factor : 1.0 PH : Prep Method : SW3541B File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS 12674-11-2 Aroclor-1016 165 3.90 17.0 ug/kg 1104-28-2 Aroclor-1221 4.00 U 4.00 17.0 ug/kg 11141-16-5 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 12672-29-6 Aroclor-1248 5.90 U 5.90 17.0 ug/kg 11097-69-1 Aroclor-1254 3.20 U 3.20 17.0 ug/kg 37324-23-5 Aroclor-1262 5.00 U 5.00 17.0 ug/kg 1100-14-4 Aroclor-1268 3.60 U 3.20 17.0 ug/kg surget Surget 105 3.20 17.0 ug/kg 1100-14-4	Soil Aliquot Vol:		uL			Test:	PCB		
Prep Method : SW3541B File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS Intervention Intervention Intervention Intervention Intervention Intervention 1104-28-2 Aroclor-1016 165 3.90 17.0 ug/kg 11141-16-5 Aroclor-1221 4.00 U 4.00 17.0 ug/kg 12672-29-6 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 11097-69-1 Aroclor-1248 5.90 U 5.90 17.0 ug/kg 37324-23-5 Aroclor-1262 5.00 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 <t< td=""><td>Extraction Type:</td><td></td><td></td><td></td><td></td><td>Injection Volume :</td><td></td><td></td></t<>	Extraction Type:					Injection Volume :			
File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS 12674-11-2 Aroclor-1016 165 3.90 17.0 ug/kg 11104-28-2 Aroclor-1221 4.00 U 4.00 17.0 ug/kg 11141-16-5 Aroclor-1232 3.70 U 3.70 17.0 ug/kg 53469-21-9 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 11097-69-1 Aroclor-1254 3.20 U 3.20 17.0 ug/kg 37324-23-5 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 1100-14-4 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg 1100-14-4 <t< td=""><td>GPC Factor :</td><td>1.0</td><td>PH :</td><td></td><td></td><td></td><td></td><td></td></t<>	GPC Factor :	1.0	PH :						
File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS 12674-11-2 Aroclor-1016 165 3.90 17.0 ug/kg 11104-28-2 Aroclor-1221 4.00 U 4.00 17.0 ug/kg 11141-16-5 Aroclor-1232 3.70 U 3.70 17.0 ug/kg 53469-21-9 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 11097-69-1 Aroclor-1254 3.20 U 3.20 17.0 ug/kg 37324-23-5 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 1100-14-4 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg 1100-14-4 <t< td=""><td>Prep Method [.]</td><td>SW3541B</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Prep Method [.]	SW3541B							
PP073237.D 1 06/25/25 08:45 06/25/25 13:15 PB168607 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS 12674-11-2 Aroclor-1016 165 3.90 17.0 ug/kg 11104-28-2 Aroclor-1221 4.00 U 4.00 17.0 ug/kg 11141-16-5 Aroclor-1232 3.70 U 3.70 17.0 ug/kg 53469-21-9 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 1097-69-1 Aroclor-1248 5.90 U 5.90 17.0 ug/kg 11097-69-1 Aroclor-1254 3.20 U 3.20 17.0 ug/kg 11097-69-1 Aroclor-1262 5.00 U 5.00 17.0 ug/kg 37324-23-5 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg SURROGATES									
CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units(Dry Weight) TARGETS 12674-11-2 Aroclor-1016 165 3.90 17.0 ug/kg 11104-28-2 Aroclor-1221 4.00 U 4.00 17.0 ug/kg 11141-16-5 Aroclor-1232 3.70 U 3.70 17.0 ug/kg 53469-21-9 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 12672-29-6 Aroclor-1248 5.90 U 5.90 17.0 ug/kg 11097-69-1 Aroclor-1254 3.20 U 3.20 17.0 ug/kg 37324-23-5 Aroclor-1262 5.00 U 5.00 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg SURROGATES 877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	File ID/Qc Batch: Dilution:		Prep Date			Date Analyzed	Prep Batch ID		
TARGETS 12674-11-2 Aroclor-1016 165 3.90 17.0 ug/kg 11104-28-2 Aroclor-1221 4.00 U 4.00 17.0 ug/kg 11141-16-5 Aroclor-1232 3.70 U 3.70 17.0 ug/kg 53469-21-9 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 12672-29-6 Aroclor-1248 5.90 U 5.90 17.0 ug/kg 11097-69-1 Aroclor-1254 3.20 U 3.20 17.0 ug/kg 37324-23-5 Aroclor-1262 5.00 U 5.00 17.0 ug/kg 1100-14-4 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg SURROGATES 877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	PP073237.D	PP073237.D 1		06/25/25 08:45		06/25/25 13:15	PB168607		
12674-11-2Aroclor-10161653.9017.0ug/kg11104-28-2Aroclor-12214.00U4.0017.0ug/kg11141-16-5Aroclor-12323.70U3.7017.0ug/kg53469-21-9Aroclor-12424.00U4.0017.0ug/kg12672-29-6Aroclor-12485.90U5.9017.0ug/kg11097-69-1Aroclor-12543.20U3.2017.0ug/kg37324-23-5Aroclor-12625.00U5.0017.0ug/kg11100-14-4Aroclor-12683.60U3.6017.0ug/kg11096-82-5Aroclor-12601653.2017.0ug/kgSURROGATESSPR: 20.232 - 144101%SPK: 20	CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQ	L Units(Dry Weight)	
12674-11-2Aroclor-10161653.9017.0ug/kg11104-28-2Aroclor-12214.00U4.0017.0ug/kg11141-16-5Aroclor-12323.70U3.7017.0ug/kg53469-21-9Aroclor-12424.00U4.0017.0ug/kg12672-29-6Aroclor-12485.90U5.9017.0ug/kg11097-69-1Aroclor-12543.20U3.2017.0ug/kg37324-23-5Aroclor-12625.00U5.0017.0ug/kg11100-14-4Aroclor-12683.60U3.6017.0ug/kg11096-82-5Aroclor-12601653.2017.0ug/kgSURROGATESSPR: 20.232 - 144101%SPK: 20	TARGETS								
11141-16-5Aroclor-12323.70U3.7017.0ug/kg53469-21-9Aroclor-12424.00U4.0017.0ug/kg12672-29-6Aroclor-12485.90U5.9017.0ug/kg11097-69-1Aroclor-12543.20U3.2017.0ug/kg37324-23-5Aroclor-12625.00U5.0017.0ug/kg11100-14-4Aroclor-12683.60U3.6017.0ug/kg11096-82-5Aroclor-12601653.2017.0ug/kgSURROGATES877-09-8Tetrachloro-m-xylene20.232 - 144101%SPK: 20		Aroclor-1016	165		3.90		17.0	0 ug/kg	
53469-21-9 Aroclor-1242 4.00 U 4.00 17.0 ug/kg 12672-29-6 Aroclor-1248 5.90 U 5.90 17.0 ug/kg 11097-69-1 Aroclor-1254 3.20 U 3.20 17.0 ug/kg 37324-23-5 Aroclor-1262 5.00 U 5.00 17.0 ug/kg 11100-14-4 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg SURROGATES 877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	11104-28-2	Aroclor-1221	4.00	U	4.00		17.0	0 ug/kg	
12672-29-6 Aroclor-1248 5.90 U 5.90 17.0 ug/kg 11097-69-1 Aroclor-1254 3.20 U 3.20 17.0 ug/kg 37324-23-5 Aroclor-1262 5.00 U 5.00 17.0 ug/kg 11100-14-4 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg SURROGATES 877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	11141-16-5	Aroclor-1232	3.70	U	3.70		17.0	0 ug/kg	
11097-69-1 Aroclor-1254 3.20 U 3.20 17.0 ug/kg 37324-23-5 Aroclor-1262 5.00 U 5.00 17.0 ug/kg 11100-14-4 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg SURROGATES 877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	53469-21-9	Aroclor-1242	4.00	U	4.00		17.0	0 ug/kg	
37324-23-5 Aroclor-1262 5.00 U 5.00 17.0 ug/kg 11100-14-4 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg SURROGATES 877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	12672-29-6	Aroclor-1248	5.90	U	5.90		17.0	0 ug/kg	
11100-14-4 Aroclor-1268 3.60 U 3.60 17.0 ug/kg 11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg SURROGATES 877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	11097-69-1	Aroclor-1254	3.20	U	3.20		17.0	0 ug/kg	
11096-82-5 Aroclor-1260 165 3.20 17.0 ug/kg SURROGATES 877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	37324-23-5	Aroclor-1262	5.00	U	5.00		17.0	0 ug/kg	
SURROGATES 877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	11100-14-4	Aroclor-1268	3.60	U	3.60		17.0	0 ug/kg	
877-09-8 Tetrachloro-m-xylene 20.2 32 - 144 101% SPK: 20	11096-82-5	Aroclor-1260	165		3.20		17.0	0 ug/kg	
	SURROGATES								
2051-24-3 Decachlorobiphenyl 21.6 32 - 175 108% SPK: 20	877-09-8	Tetrachloro-m-xylene	20.2		32 - 144		101	% SPK: 20	
	2051-24-3	Decachlorobiphenyl	21.6		32 - 175		108	SPK: 20	

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates > 25% difference for detected

concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration

was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit