

## **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">&amp; 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 <sup>.</sup></td><td>SW3541B</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Prep Method <sup>.</sup>	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