

## **Report of Analysis**

TARGETS   1918-00-9   DICAMBA   0.42   U   0.42   2.00   ug/I     120-36-5   DICHLORPROP   0.43   U   0.43   2.00   ug/I     94-75-7   2,4-D   0.49   U   0.49   2.00   ug/I     93-72-1   2,4,5-TP (Silvex)   0.45   U   0.45   2.00   ug/I     93-76-5   2,4,5-T   0.50   U   0.50   2.00   ug/I     94-82-6   2,4-DB   0.57   U   0.57   2.00   ug/I     94-82-6   2,4-DB   0.57   U   0.57   2.00   ug/I     94-82-6   2,4-DB   0.55   U   0.57   2.00   ug/I     88-85-7   DINOSEB   0.55   U   0.55   2.00   ug/I     SURROGATES   V   0.55   U   0.55   2.00   ug/I									
Client Sample ID: PIBLK-PS028224.D SDG No.: P4663   Lab Sample ID: 1.BLK-PS028224.D Matrix: WATER   Analytical Method: SW8151A % Solid: 0 Decanted:   Sample Wt/Vol: 1000 Units: mL Final Vol: 10000 uL   Soil Aliquot Vol: uL Test: Herbicide Extraction Type: Injection Volume : GPC Factor : 1.0 PH :   Prep Method : SW3510C SW3510C Test: Herbicide Prep Batch ID   PS028224.D 1 11/05/24 PS110524 Pret S110524 Test: Pret S110524   CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Unit   1918-00-9 DICAMBA 0.42 U 0.43 2.00 ug/I   120-36-5 DICHLORPROP 0.43 U 0.49 2.00 ug/I   93-76-5 2.4-D 0.45 U 0.45 2.00 ug/I   93-76-5 2.4-D 0.57 U 0.57 2.00 ug/I   93-76-5	Client:	Union Paving	& Construction Con	npany		Date Collected:	11/05/24		
Lab Sample ID: I.BLK-PS028224.D Matrix: WATER   Analytical Method: SW8151A % Solid: 0 Decanted:   Sample Wt/Vol: 1000 Units: mL Final Vol: 1000 uL   Soil Aliquot Vol: uL uL Test: Herbicide Herbicide   Extraction Type: 1.0 PH : Injection Volume : Injection Volume : Injection Volume :   GPC Factor : 1.0 PH : Prep Method : SW3510C Date Analyzed Prep Batch ID   PS028224.D 1 11/05/24 PS110524 PS110524   CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Unit   1918-00-9 DICAMBA 0.42 U 0.42 2.00 ug/I   120-36-5 DICHLORPROP 0.43 U 0.43 2.00 ug/I   94-75-7 2.4.5-TP (Silvex) 0.45 U 0.45 2.00 ug/I   93-76-5 2.4,5-T 0.50 U 0.57 2.00 ug/I   94-82-6 2.4-DB 0.	Project:	Rt. 10 Whippa	ny			Date Received:	11/05/24		
Analytical Method: SW8151A % Solid: 0 Decanted:   Sample Wt/Vol: 1000 Units: mL Final Vol: 10000 uL   Soil Aliquot Vol: uL Test: Herbicide   Extraction Type: 1.0 PH : Injection Volume : Injection Volume :   GPC Factor : 1.0 PH : Prep Method : SW3510C Prep Batch ID   File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID   PS028224.D 1 1/105/24 PS110524 PS110524   CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Unit   1918-00-9 DICAMBA 0.42 U 0.42 2.00 ug/I   120-36-5 DICHLORPROP 0.43 U 0.43 2.00 ug/I   93-72-1 2.4.5-TP (Silvex) 0.45 U 0.45 2.00 ug/I   93-76-5 2.4.5-T 0.50 U 0.57 2.00 ug/I   93-76-5 2.4.5-D 0.55 U 0.57 2.00	Client Sample ID:	PIBLK-PS028	224.D			SDG No.:	P4663		
Sample Wt/Vol: 1000 Units: mL Final Vol: 1000 uL   Soil Aliquot Vol: uL Test: Herbicide   Extraction Type: Injection Volume : Injection Volume : Injection Volume :   GPC Factor : 1.0 PH : Prep Method : SW3510C   File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID   PS028224.D 1 11/05/24 PS110524 Valid   TARGETS   1918-00-9 DICAMBA 0.42 U 0.43 2.00 ug/1   94-75-7 2.4-D 0.49 U 0.49 2.00 ug/1   93-72-1 2.4,5-TP (Silvex) 0.45 0.40 2.00 ug/1   93-76-5 2.4,5-T 0.50 0.50 2.00 ug/1   93-76-5 2.4,5-T 0.50 0.50 2.00 ug/1   94-82-6 2.4-DB 0.57 0.05 2.00 ug/1   94-82-6 2.4-DB 0.55 0.55 2.00 ug/1   84-85-7 DINOSEB <td>Lab Sample ID:</td> <td>I.BLK-PS0282</td> <td>224.D</td> <td></td> <td></td> <td>Matrix:</td> <td>WATER</td> <td></td> <td></td>	Lab Sample ID:	I.BLK-PS0282	224.D			Matrix:	WATER		
No. uL Test: Herbicide   Extraction Type: Injection Volume : Injection Volume :   GPC Factor : 1.0 PH :   Prep Method : SW3510C   File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID   PS028224.D 1 11/05/24 PS110524   CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Unit   TARGETS 1 11/05/24 2.00 ug/I 120-36-5 DICHLORPROP 0.43 U 0.43 2.00 ug/I   94-75-7 2,4-D 0.49 U 0.49 2.00 ug/I   93-72-1 2,4,5-TP (Silvex) 0.45 0.00 ug/I   93-76-5 2,4,5-T 0.50 U 0.57 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug	Analytical Method	l: SW8151A				% Solid:	0	Decanted:	
No. uL Test: Herbicide   Extraction Type: Injection Volume : Injection Volume :   GPC Factor : 1.0 PH :   Prep Method : SW3510C   File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID   PS028224.D 1 11/05/24 PS110524   CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Unit   TARGETS 1 11/05/24 2.00 ug/I 120-36-5 DICHLORPROP 0.43 U 0.43 2.00 ug/I   94-75-7 2,4-D 0.49 U 0.49 2.00 ug/I   93-72-1 2,4,5-TP (Silvex) 0.45 0.00 ug/I   93-76-5 2,4,5-T 0.50 U 0.57 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug	Sample Wt/Vol:	1000 Un	uits: mL			Final Vol:	10000	uL	
Extraction Type: Injection Volume :   Extraction Type: 1.0 PH :   GPC Factor : 1.0 PH :   Prep Method : SW3510C Date Analyzed Prep Batch ID   File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID   PS028224.D 1 Targets Injection Volume : Volume :   TARGETS Onc. Qualifier MDL LOQ / CRQL Unit   TARGETS Injection Volume : Volume : Volume : Volume :   1918-00-9 DICAMBA 0.42 U 0.42 2.00 ug/I   120-36-5 DICHLORPROP 0.43 U 0.43 2.00 ug/I   94-75-7 2.4-D 0.49 U 0.49 2.00 ug/I   93-72-1 2.4,5-TP (Silvex) 0.45 U 0.50 2.00 ug/I   93-76-5 2.4,5-T 0.50 U 0.57 2.00 ug/I   94-82-6 2.4-DB 0.57 U 0.57 2.00 ug/I   94-82-6 2	-		uL						
GPC Factor : 1.0 PH :   Prep Method : SW3510C   File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID   PS028224.D 1 11/05/24 PS110524   Conc. Qualifier MDL LOQ / CRQL Unit   TARGETS   1918-00-9 DICAMBA 0.42 U 0.43 2.00 ug/I   120-36-5 DICHLORPROP 0.43 U 0.43 2.00 ug/I   94-75-7 2,4-D 0.45 U 0.45 2.00 ug/I   93-76-5 2,4,5-TP (Silvex) 0.45 U 0.45 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.50 2.00 ug/I   94-85-7 DINOSEB 0.55 U 0.55 2.00 ug/I   SURROGATES INOSE 0.55 U 0.55 2.00 ug/I									
Prep Method : SW3510C   File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID   PS028224.D 1 11/05/24 PS110524   Conc. Qualifier MDL LOQ / CRQL Unit   TARGETS Illos/25 DICHLORPROP 0.42 0.42 2.00 ug/I   120-36-5 DICHLORPROP 0.43 U 0.43 2.00 ug/I   94-75-7 2,4-D 0.449 U 0.49 2.00 ug/I   93-76-5 2,4,5-TP (Silvex) 0.45 U 0.50 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   84-85-7 DINOSEB 0.55 U 0.55 2.00 ug/I   SURROGATES SURROGATES SURMARA SURPARA S		10	рн ·			injection volume :			
PS028224.D   1   11/05/24   PS110524     CAS Number   Parameter   Conc.   Qualifier   MDL   LOQ/CRQL   Unit     TARGETS   1918-00-9   DICAMBA   0.42   U   0.42   2.00   ug/I     120-36-5   DICHLORPROP   0.43   U   0.43   2.00   ug/I     94-75-7   2,4-D   0.49   U   0.45   2.00   ug/I     93-72-1   2,4,5-TP (Silvex)   0.45   U   0.45   2.00   ug/I     93-76-5   2,4,5-T   0.50   U   0.50   2.00   ug/I     94-82-6   2,4,5-T   0.50   U   0.57   2.00   ug/I     94-82-6   2,4-DB   0.57   U   0.57   2.00   ug/I     88-85-7   DINOSEB   0.55   U   0.55   2.00   ug/I     SURROGATES   U   0.55   U   0.55   2.00   ug/I			111.						
CAS Number   Parameter   Conc.   Qualifier   MDL   LOQ / CRQL   Unit     TARGETS   1918-00-9   DICAMBA   0.42   U   0.42   2.00   ug/I     120-36-5   DICHLORPROP   0.43   U   0.43   2.00   ug/I     94-75-7   2,4-D   0.49   U   0.49   2.00   ug/I     93-72-1   2,4,5-TP (Silvex)   0.45   U   0.45   2.00   ug/I     93-76-5   2,4,5-T   0.50   U   0.50   2.00   ug/I     94-82-6   2,4-DB   0.57   U   0.57   2.00   ug/I     88-85-7   DINOSEB   0.55   U   0.55   2.00   ug/I	File ID/Qc Batch:	Dilution:	Prep Date			Date Analyzed	Prep Batch ID		
TARGETS   DICAMBA   0.42   U   0.42   2.00   ug/I     120-36-5   DICHLORPROP   0.43   U   0.43   2.00   ug/I     94-75-7   2,4-D   0.49   U   0.49   2.00   ug/I     93-72-1   2,4,5-TP (Silvex)   0.45   U   0.45   2.00   ug/I     93-76-5   2,4,5-T   0.50   U   0.50   2.00   ug/I     94-82-6   2,4-DB   0.57   U   0.57   2.00   ug/I     SURROGATES   SURROGATES   0.55   U   0.55   2.00   ug/I	PS028224.D	1				11/05/24	PS110524		
1918-00-9DICAMBA0.42U0.422.00ug/I120-36-5DICHLORPROP0.43U0.432.00ug/I94-75-72,4-D0.49U0.492.00ug/I93-72-12,4,5-TP (Silvex)0.45U0.452.00ug/I93-76-52,4,5-T0.50U0.502.00ug/I94-82-62,4-DB0.57U0.572.00ug/I88-85-7DINOSEB0.55U0.552.00ug/ISURROGATES	CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQL		Units
1918-00-9DICAMBA0.42U0.422.00ug/I120-36-5DICHLORPROP0.43U0.432.00ug/I94-75-72,4-D0.49U0.492.00ug/I93-72-12,4,5-TP (Silvex)0.45U0.452.00ug/I93-76-52,4,5-T0.50U0.502.00ug/I94-82-62,4-DB0.57U0.572.00ug/I88-85-7DINOSEB0.55U0.552.00ug/ISURROGATES	TARGETS								
94-75-7 2,4-D 0.49 U 0.49 2.00 ug/I   93-72-1 2,4,5-TP (Silvex) 0.45 U 0.45 2.00 ug/I   93-76-5 2,4,5-T 0.50 U 0.50 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   88-85-7 DINOSEB 0.55 U 0.55 2.00 ug/I   SURROGATES SU		DICAMBA	0.42	U	0.42		4	2.00	ug/L
93-72-1 2,4,5-TP (Silvex) 0.45 U 0.45 2.00 ug/I   93-76-5 2,4,5-T 0.50 U 0.50 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   88-85-7 DINOSEB 0.55 U 0.55 2.00 ug/I   SURROGATES SURROG	120-36-5	DICHLORPROP	0.43	U	0.43		-	2.00	ug/L
93-76-5 2,4,5-T 0.50 U 0.50 2.00 ug/I   94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   88-85-7 DINOSEB 0.55 U 0.55 2.00 ug/I   SURROGATES	94-75-7	2,4-D	0.49	U	0.49			2.00	ug/L
94-82-6 2,4-DB 0.57 U 0.57 2.00 ug/I   88-85-7 DINOSEB 0.55 U 0.55 2.00 ug/I   SURROGATES	93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45			2.00	ug/L
88-85-7   DINOSEB   0.55   U   0.55   2.00   ug/I     SURROGATES  <	93-76-5	2,4,5-T	0.50	U	0.50			2.00	ug/L
SURROGATES	94-82-6	2,4-DB	0.57	U	0.57			2.00	ug/L
	88-85-7	DINOSEB	0.55	U	0.55			2.00	ug/L
19/19-28-9 2,4-DCAA 559 /0(39)-130(1/5) 112% SPK	<b>SURROGATES</b> 19719-28-9	2,4-DCAA	559		70 (39)	- 130 (175)		112%	SPK: 500

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