

Report of Analysis

TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.49 2.00 ug/L 93-72-1 2,4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)								
Client Sample ID: PIBLK-PS027950.D SDG No.: P4368 Lab Sample ID: LBLK-PS027950.D Matrix: WATER Analytical Method: SW8151A % Solid: 0 Decanted: Sample Wt/Vol: 1000 Units: mL Final Vol: 10000 uL Soil Aliquot Vol: uL UL Fest: Herbicide Extraction Type: Injection Volume : Fest: Herbicide Fest: Fest: Herbicide Fest:	Client:	Chemtech Con	sulting Group			Date Collected:	10/15/24		
Lab Sample ID:LBLK-PS027950.DMatrix:WATERAnalytical Method:SW8151A $\%$ Solid:0Decanted:Sample Wt/Vol:1000Units:mLFinal Vol:1000uLSoil A liquot Vol:uLTest:HerbicideHerbicideExtraction Type:1.0PH :Injection Volume :Injection Volume :GPC Factor :1.0PH :Injection Volume :Injection Volume :Prep Method :SW3510CSW3510CInjection Volume :Injection Volume :File ID/Qc Batch:Dilution:Prep Prep DreDate AnalyzedPrep Batch IDPS027950.D1Injection Volume :Injection Volume :Injection Volume :SWRDATEParametrConc.QualifierMDLLOQ / CRQLUnitsTARGETSInjection Volume :2.00U0.432.00ug/L1918-00-9DICAMBA2.00U0.432.00ug/L1918-00-9DICAMBA2.00U0.432.00ug/L1918-01-9DICAMBA2.00U0.432.00ug/L1918-02-9DICAMBA2.00U0.432.00ug/L1918-03-9DICAMBA2.00U0.432.00ug/L1918-04-9DICAMBA2.00U0.432.00ug/L1918-05-9DICAMBA2.00U0.452.00ug/L1918-05-9DICAMBA2.00U0.452.00ug/L<	Project:	LOD-LOQ Stu	ıdy			Date Received:	10/15/24		
Analytical Method:SW8151A% Solid:0Decanted:Sample Wt/Vol:1000Units:mLFinal Vol:1000uLSoil A liquot Vol:uLTest:HerbicideHerbicideExtraction Type:1.0PH :Injection Volume :Injection Volume :GPC Factor :1.0PH :Frep Method :SW3510CFile ID/Qc Batch:Dilution:Prep DateDate AnalyzedPrep Batch IDPS027950.D110/15/24ps101524CAS NumberParametrConc.QualifierMDLLOQ / CRQLUnitsP1918-00-9DICAMBA2.00U0.422.00ug/L1918-00-9DICAMBA2.00U0.432.00ug/L1918-07-72,4.5-TP (Silvex)2.00U0.452.00ug/L93-76-52,4.5-TP (Silvex)2.00U0.452.00ug/L93-76-52,4.5-TP (Silvex)2.00U0.502.00ug/L94-82-62,4-DB2.00U0.572.00ug/L94-82-62,4-DB2.00U0.572.00ug/L94-82-62,4-DB2.00U0.572.00ug/L94-82-62,4-DB2.00U0.552.00ug/L94-82-62,4-DB2.00U0.552.00ug/L94-82-62,4-DB2.00U0.552.00ug/L94-82-62,4-DB2.00 <t< td=""><td>Client Sample ID:</td><td>PIBLK-PS027</td><td>950.D</td><td></td><td></td><td>SDG No.:</td><td>P4368</td><td></td><td></td></t<>	Client Sample ID:	PIBLK-PS027	950.D			SDG No.:	P4368		
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 : Injection Volume : Injection Volume : Prep Method : SW3510C SW3510C Prep Batch ID Prep Batch ID PS027950.D 1 Injection Volume : Injection Volume : Injection Volume : SXS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS IDCHLORPROP 2.00 U 0.43 2.00 ug/L 1918-00-9 DICAMBA 2.00 U 0.43 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.45 2.00 ug/L 94-75-7 2.4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2.4,5-TP (Silvex) 2.00 U 0.50 2.00 ug/L 94-82-6 2.4-DB 2.00 U 0.57	Lab Sample ID:	I.BLK-PS0279	950.D			Matrix:	WATER		
Yeik ul Test: Herbicide Extraction Type: 1.0 PH : Injection Volume : GPC Factor : 1.0 PH : Prep Prep Method : SW3510C SW3510C Prep Batch ID File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PS027950.D 1 10/15/24 ps101524 ps101524 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units 1918-00-9 DICAMBA 2.00 U 0.43 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.45 2.00 ug/L 94-75-7 2.4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2.4,5-TP (Silvex) 2.00 U 0.55 2.00 ug/L 94-82-6 2.4-DB 2.00 U 0.57 2.00 ug/L 84-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L 84-85-7 DINOSEB 2.00 U 0.55	Analytical Method	l: SW8151A				% Solid:	0	Decanted:	
Yer uL Test: Herbicide Extraction Type: 1.0 PH : Injection Volume : GPC Factor : 1.0 PH : Prep Prep Method : SW3510C SW3510C Prep Batch ID File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PS027950.D 1 10/15/24 ps101524 Prep Satch ID SX Number Parameter Conc. Qualifier MDL LOQ / CRQL Univ TARGETS 10/15/24 2.00 ug/L ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2,4,5-TP (Silvex) 2.00 U 0.55 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.55 2.00 ug/L 84-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L	Sample Wt/Vol:	1000 Un	iits: mL			Final Vol:	10000	uL	
Extraction Type: 1.0 PH: GPC Factor : 1.0 PH: Prep Method : SW3510C File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PS027950.D 1 10/15/24 ps101524 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS 10/15/24 2.00 U 0.43 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.49 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2,4,5-TT 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-5-T 2.00 U 0.57 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.55 2.00 ug/L 94-82-6 <									
GPC Factor : 1.0 PH : Prep Method : SW3510C File ID/Qc Batch : Dilution: Prep Date Date Analyzed Prep Batch ID PS027950.D 1 IO/15/24 ps101524 Conc. Qualifier MDL LOQ / CRQL Units TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L garameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.43 2.00 ug/L 93-72-1 2,4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.57 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.55 2.00 ug/L	-								
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File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PS027950.D 1 10/15/24 ps101524 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS 10/15/24 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2.4-D 2.00 U 0.49 2.00 ug/L 93-72-1 2.4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2.4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2.4-DB 2.00 U 0.57 2.00 ug/L 94-82-6 2.4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L SURROGATES 10NOSEB 2.00 U 0.55 2.00 ug/L			111.						
PS027950.D 1 10/15/24 ps101524 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2.4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2.4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2.4,5-T 2.00 U 0.50 2.00 ug/L 93-76-5 2.4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2.4,5-T 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L SURROGATES U U 0.55 2.00 ug/L	Prep Method :	SW3510C							
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TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.49 2.00 ug/L 93-72-1 2,4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L	PS027950.D	1				10/15/24	ps10	1524	
1918-00-9DICAMBA2.00U0.422.00ug/L120-36-5DICHLORPROP2.00U0.432.00ug/L94-75-72,4-D2.00U0.492.00ug/L93-72-12,4,5-TP (Silvex)2.00U0.452.00ug/L93-76-52,4,5-T2.00U0.502.00ug/L94-82-62,4-DB2.00U0.572.00ug/L88-85-7DINOSEB2.00U0.552.00ug/L	CAS Number	AS Number Parameter		Qualifier	MDL		LOQ / CRQL		Units
1918-00-9DICAMBA2.00U0.422.00ug/L120-36-5DICHLORPROP2.00U0.432.00ug/L94-75-72,4-D2.00U0.492.00ug/L93-72-12,4,5-TP (Silvex)2.00U0.452.00ug/L93-76-52,4,5-T2.00U0.502.00ug/L94-82-62,4-DB2.00U0.572.00ug/L88-85-7DINOSEB2.00U0.552.00ug/L	TARGETS								
94-75-72,4-D2.00U0.492.00ug/L93-72-12,4,5-TP (Silvex)2.00U0.452.00ug/L93-76-52,4,5-T2.00U0.502.00ug/L94-82-62,4-DB2.00U0.572.00ug/L88-85-7DINOSEB2.00U0.552.00ug/L		DICAMBA	2.00	U	0.42		,	2.00	ug/L
93-72-1 2,4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L	120-36-5	DICHLORPROP	2.00	U	0.43			2.00	ug/L
93-76-5 2,4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L	94-75-7	2,4-D	2.00	U	0.49			2.00	ug/L
94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L SURROGATES	93-72-1	2,4,5-TP (Silvex)	2.00	U	0.45			2.00	ug/L
88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L SURROGATES	93-76-5	2,4,5-T	2.00	U	0.50			2.00	ug/L
SURROGATES	94-82-6	2,4-DB	2.00	U	0.57			2.00	ug/L
	88-85-7	DINOSEB	2.00	U	0.55			2.00	ug/L
		2,4-DCAA	530		39 - 175			106%	SPK: 50

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