

## **Report of Analysis**

Client:       Tetra Tech, EMI       Date Collected:       10/10/24         Project:       R36724       Date Received:       10/11/24         Client Sample ID:       WB-301-BOTMS       SDG No.:       P4462         Lab Sample ID:       P4397-06MS       Matrix:       TCLP         Analytical Method:       SW8151A       % Solid:       0       Decanted:         Sample Wt/Vol:       100       Units:       mL       Final Vol:       10000       uL         Soil Aliquot Vol:       uL       Test:       TCLP Herbicide         Extraction Type:       I.0       PH :       Test:       TCLP Herbicide         GPC Factor :       1.0       PH :       Test:       TCLP Herbicide         File ID/Qc Batch:       SW3510C       Perp Date       Date Analyzed       Prep Batch ID         PS028042.D       1       10/24/24 11:28       10/24/24 19:09       PB164378         CAS Number       Paramet       Conc.       Qualifier MDL       LOQ / CRQL	
Client Sample ID:       WB-301-BOTMS       SDG No.:       P4462         Lab Sample ID:       P4397-06MS       Matrix:       TCLP         Analytical Method:       SW8151A       % Solid:       0       Decanted:         Sample Wt/Vol:       100       Units:       mL       % Solid:       0000       uL         Soil Aliquot Vol:       uL       Test:       1000       uL       Test:       TCLP Herbicide         Extraction Type:       I.0       PH :       Injection Volume :	//24
Lab Sample ID:       P4397-06MS       Matrix:       TCLP         Analytical Method:       SW8151A       % Solid:       0       Decanted:         Sample Wt/Vol:       100       Units:       mL       Final Vol:       10000       uL         Soil Aliquot Vol:       uL       Test:       TCLP Herbicide         Extraction Type:       uL       Test:       Injection Volume :       TCLP Herbicide         GPC Factor :       1.0       PH :       Injection Volume :       TCLP Herbicide         Prep Method :       SW3510C       PH:       File ID/Qc Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         PS028042.D       1       0       Qualifier MDL       Dod Z/24 19:09       PB164378         TARGETS	/24
Analytical Method:       SW8151A       % Solid:       0       Decanted:         Sample Wt/Vol:       100       Units:       mL       Final Vol:       1000       uL         Soil Aliquot Vol:       uL       Test:       TCLP Herbicide         Extraction Type:       I.0       PH :       Injection Volume:       Image: SW3510C         Prep Method :       SW3510C       Prep Date       Date Analyzed       Prep Batch ID         PS028042.D       1       10/24/24 11:28       10/24/24 19:09       PB164378         Conc. Qualifier MDL       LOQ / CRQL	2
Sample Wt/Vol: 100 Units: mL Final Vol: 1000 uL   Soil Aliquot Vol: uL Test: TCLP Herbicide   Extraction Type: I.0 PH : Injection Volume : Import Injection Volume :   GPC Factor : 1.0 PH : Import Injection Volume : Import Injection Volume :   Prep Method : SW3510C SW3510C Import Injection Volume : Import Injection Volume :   File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID   PS028042.D 1 10/24/24 11:28 10/24/24 19:09 PB164378   Conc. Qualifier MDL LOQ/CRQL	)
Soil Aliquot Vol: uL Test: TCLP Herbicide   Extraction Type: Injection Volume : Injection Volume :   GPC Factor : 1.0 PH : Vertor   Prep Method : SW3510C SW3510C Vertor   File ID/Qc Batch: Dilution: Prep Date Date Analyzed   PS028042.D 1 10/24/24 11:28 10/24/24 19:09   PB164378 Conc. Qualifier MDL LOQ / CRQL	Decanted:
Extraction Type:       Injection Volume :         GPC Factor :       1.0       PH :         Prep Method :       SW3510C         File ID/Qc Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         PS028042.D       1       10/24/24 11:28       10/24/24 19:09       PB164378         CAS Number       Parametr       Conc.       Qualifier       MDL       LOQ/CRQL	) uL
GPC Factor :       1.0       PH :         Prep Method :       SW3510C         File ID/Qe Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         PS028042.D       1       10/24/24 11:28       10/24/24 19:09       PB164378         CAS Number       Parametry       Conc.       Qualifier       MDL       LOQ / CRQL         TARGETS	'Herbicide
Prep Method :       SW3510C         File ID/Qc Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         PS028042.D       1       10/24/24 11:28       10/24/24 19:09       PB164378         CAS Number       Parametry       Conc.       Qualifier       MDL       LOQ / CRQL         TARGETS	
File ID/Qc Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         PS028042.D       1       10/24/24 11:28       10/24/24 19:09       PB164378         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL         TARGETS	
PS028042.D         1         10/24/24 11:28         10/24/24 19:09         PB164378           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL           TARGETS         Image: Conc.         Conc.<	
CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL TARGETS	Prep Batch ID
TARGETS	PB164378
	OQ / CRQL Units
94-75-7 2,4-D 55.2 4.90 20.0	20.0 ug/L
93-72-1 2,4,5-TP (Silvex) 106 P 4.50 20.0	20.0 ug/L
SURROGATES19719-28-92,4-DCAA138*39 - 17528%	28% 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

 $\mathbf{S}=\mathbf{Indicates}$  estimated value where valid five-point calibration

was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit