



284 Sheffield Street, Mountainside, NJ 07092  
Phone: 908 789 8900 Fax: 908 789 8922

## **CASE NARRATIVE**

**Walsh Construction Company II, LLC**  
**Project Name: Walsh CO-032 Sampling**  
**Project # N/A**  
**Chemtech Project # Q1626**  
**Test Name: Herbicide**

### **A. Number of Samples and Date of Receipt:**

3 Solid samples were received on 03/21/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Ammonia, COD, Corrosivity, Cyanide, EPH\_NF, Gasoline Range Organics, Herbicide, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, METALS TAL+CN, METALS-TAL, Oil and Grease, Paint Filter, PCB, Pesticide-TCL, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SPLP BNA, SPLP Extraction, SPLP Herbicide, SPLP ICP Metals, SPLP Mercury, SPLP Pesticide, SPLP VOA, SPLP ZHE Ext, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TPH GC, TS, TVS and VOC-TCLVOA-10. This data package contains results for Herbicide.

### **C. Analytical Techniques:**

The analysis was performed on instrument ECD\_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0.5 µm df, Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 µm df, Catalog #: 11324. The analysis of Herbicides was based on method 8151A and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.  
The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS {Q1626-01MS} with File ID: PS029594.D recoveries met the requirements for all compounds except for 2,4,5-TP(Silvex)[8%], 2,4-DB[0%] and Dinoseb[0%] due to matrix interference.

The MSD {Q1626-01MSD} with File ID: PS029595.D recoveries met the acceptable requirements except for 2,4,5-TP(Silvex)[8%], 2,4-DB[0%] and Dinoseb[0%] due to matrix interference.

The RPD met criteria.

The Blank Spike met requirements for all samples.



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The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration File ID PS029612.D met the requirements except for 2,4-DB is failing in 1st column however it is passed in 2nd column therefore no corrective action was taken.

**E. Additional Comments:**

The fax and hardcopy is not matching for sample CO-32-1 due to sample CO-32-1 was reported with failed method at the time fax, but at the time of second review lab noticed this issue therefore this sample analyzed with passed method. Hardcopy is reported corrected. The fax data is provided in Miscellaneous Section.

The soil samples results are based on a dry weight basis.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_