

## **CASE NARRATIVE**

**Walsh Construction Company II, LLC**

**Project Name: Construction of Shafts 17B-18B - PN 220084**

**Project # N/A**

**Order ID # Q2487**

**Test Name: Gasoline Range Organics**

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

24 Solid samples were received on 07/01/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Ammonia, COD, Corrosivity, Cyanide, Diesel Range Organics, EPH\_NF, Gasoline Range Organics, Herbicide, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, METALS TAL+CN, 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, SPLP-FULL, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Metals+Cu+Ni+Zn, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TCLP Metals Group1, TKN, TPH GC, Trivalent Chromium, TS, TVS and VOC-TCLVOA-10. This data package contains results for Gasoline Range Organics.

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

The analysis performed on instrument FID\_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909. The analysis of Gasoline Range Organics was based on method 8015D.

### **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 RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

### **E. Additional Comments:**

Sample G2(0-6), G2(6-12), G1(0-6), G1(6-12) were directly run in methanol as both low level soil vials did not purge.



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For samples G4(0-6), Vial A was analyzed but instrument stopped and end CCC was missing and Vial B was not purged therefore Vial C analyzed and reported in hardcopy

For samples G4(6-12), G3(0-6), Vial A and Vial B were analyzed but instrument stopped and end CCC was missing therefore Vial C analyzed and reported in hardcopy

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\_\_\_\_\_