



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

## **CASE NARRATIVE**

**Pennoni**

**Project Name: Dillion Gym**

**Project # N/A**

**Chemtech Project # N2349**

**Test Name: Gasoline Range Organics**

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

20 Solid samples were received on 04/08/2022.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Cyanide, EPH, EPH\_NF, Gasoline Range Organics, Herbicide, Ignitability, Mercury, Metals Group4, Metals ICP-RCRA, Metals ICP-TAL, METALS RCRA, METALS-TAL, PCB, Pesticide-TCL, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TPH GC 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 except for DEL-8 [Alpha, Alpha and Alpha-Trifluorotoluene - 36%]. Where VIAL A analyzed but not purged as a corrective action VIAL B analyzed but Surrogate fail, now no more vial for further confirmation therefore VIAL B reported as final analysis.

The Retention Times were acceptable for all samples.

The Blank Spike met requirements for all samples.

The Blank Spike Duplicate met requirements for all samples.

The RPD met criteria.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

Sample DEL-8D was diluted due to bad matrix.

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

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

Samples DEL-8D were directly run in methanol as both low level soil vials did not purge.



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**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\_\_\_\_\_