



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

## **CASE NARRATIVE**

**JACOBS Engineering Group, Inc.**

**Project Name: Former Schlumberger Site IDW Water**

**Project # N/A**

**Chemtech Project # M4144**

**Test Name: Gasoline Range Organics**

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

3 Water samples were received on 10/07/2021.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Diesel Range Organics, Flash Point, Gasoline Range Organics, Mercury, Metals Group1, Metals ICP-Group1, PCB, SVOCMS Group1 and VOCMS Group1. 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.

Samples IDW-LIQ-DRUM-2-100721, IDW-LIQ-DRUM-1-100721 and IDW-LIQ-COMP-100721 were diluted due to bad matrices.

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

IDW-LIQ-DRUM-2-100721, IDW-LIQ-DRUM-1-100721, IDW-LIQ-COMP-100721: all these samples were foamy. Initially lab has analyzed these samples undiluted in FB100821, where due to foamy matrix samples were not purged due to these samples associated closing CCC was also not purged. Based on this for lab to run these samples undiluted aanalysis lab has directly analyzed these samples with straight dilution.



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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\_\_\_\_\_