



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

## **CASE NARRATIVE**

### **AECOM**

**Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206**

**Project # N/A**

**Order ID # Q3434**

**Test Name: VOC-TCLVOA-10**

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

1 Solid sample was received on 10/22/2025.

2 Water samples were received on 10/22/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

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

The analysis performed on instrument MSVOA\_V were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis performed on instrument MSVOA\_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis of VOC-TCLVOA-10 was based on method 8260D.

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

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for PR132-WC2-20251022 [1,2-Dichloroethane-d4 - 126%] and PR132-WC2-20251022RE [1,2-Dichloroethane-d4 - 131%] sample was reanalyzed to confirm the failure and reported.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

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

The %RSD is greater than 20% in the Initial Calibration method (82V100725W.M) for Chloroethane, Acetone, Methylene Chloride, passing on Linear Regression.

The Continuous Calibration File ID VV039306.D met the requirements except for Dichlorodifluoromethane is failing marginally low while Methylene Chloride failing high but no hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.



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**E. Additional Comments:**

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

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\_\_\_\_\_