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

CASE NARRATIVE

RTP Environmental
Project Name: CHADWICK SQUARE
Project # N/A
Order ID # Q3131
Test Name: TO-15

A. Number of Samples and Date of Receipt:
2 Air samples were received on 09/17/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TO-15. This data package contains results for TO-15.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator.The analysis of TO-15 was based on method TO-15.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD for {Q3130-02DUP} with File ID: VL042970.D met criteria except for 1,2-Dichloroethane[30.8%], Tetrachloroethene[200%] due to difference in results of Original and DUP.

The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 30% in the Initial Calibration method (VL092225AIR.M) for Methylene Chloride passing on Linear Regression.

The Tuning criteria met requirements.

Samples 141-1A-1, 141-1A-2 were diluted due to high concentrations.

E. Additional Comments:
Alliance Technical Group, LLC - Newark holds certification for the analytes "Bromodichloromethane, Chloroethane and Heptane". Currently, we are not eligible to

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report them, as we have not successfully completed the required Proficiency Testing (PT) study. We are actively engaged in the PT study process to gain reporting eligibility.

The Sample #141-1A-1, 141-1A-1DL, 141-1A-2,141-1A-2DL have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The not QT review data is reported in the Miscellaneous.

The Manual Integrations are performed for the followings.

Manual Integration Report			
Sequence	VL092225	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC010	VL042950.D	m/p-Xylene	sam	9/23/2025 10:01:03 AM	MMDadoda	9/24/2025 2:16:17 AM	Peak Integrated by Software incorrectly
VSTDICC002	VL042951.D	1,1,2-Trichloroethane	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software incorrectly
VSTDICC002	VL042951.D	1,2-Dichloropropane	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software incorrectly
VSTDICC002	VL042951.D	1,4-Dioxane	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software incorrectly

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VSTDICC002	VL042951.D	4-Methyl-2-Pentanone	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software incorrectly
VSTDICC002	VL042951.D	m/p-Xylene	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042952.D	1,2-Dichloropropane	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042952.D	1,4-Dioxane	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042952.D	Bromodichloromethane	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042952.D	cis-1,3-Dichloropropene	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042952.D	Heptane	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly

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VSTDICC001	VL042952.D	m/p-Xylene	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042952.D	t-1,3-Dichloropropene	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	1,1,2-Trichloroethane	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	1,4-Dioxane	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	2,2,4-Trimethylpentane	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	Benzyl Chloride	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	cis-1,3-Dichloropropene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly

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VSTDICC0.5	VL042953.D	Ethanol	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	Heptane	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	m/p-Xylene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	Methyl Methacrylate	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	t-1,3-Dichloropropene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	Tetrachloroethene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042953.D	trans-1,2-Dichloroethene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly

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VSTDICC0.1	VL042954.D	1,2-Dibromoethane	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL042954.D	Carbon Tetrachloride	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL042954.D	Naphthalene	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL042954.D	Tetrachloroethene	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL042954.D	Trichloroethene	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042955.D	1,1,1-Trichloroethane	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042955.D	1,1,2,2-Tetrachloroethane	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software incorrectly

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VSTDICC0.03	VL042955.D	Carbon Tetrachloride	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042955.D	Tetrachloroethene	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042955.D	Trichloroethene	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software incorrectly
VSTDICC015	VL042956.D	m/p-Xylene	sam	9/23/2025 10:01:19 AM	MMDadoda	9/24/2025 2:16:27 AM	Peak Integrated by Software incorrectly
VSTDICV010	VL042957.D	m/p-Xylene	sam	9/23/2025 10:01:52 AM	MMDadoda	9/24/2025 2:16:29 AM	Peak Integrated by Software incorrectly
VL0922ABS01	VL042959.D	m/p-Xylene	sam	9/23/2025 10:01:29 AM	MMDadoda	9/24/2025 2:16:44 AM	Peak Integrated by Software incorrectly
Q3130-02DUP	VL042970.D	2,2,4-Trimethylpentane	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software incorrectly

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Q3130-02DUP	VL042970.D	Carbon Tetrachloride	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software incorrectly
Q3130-02DUP	VL042970.D	m/p-Xylene	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software incorrectly
Q3130-02DUP	VL042970.D	Propene	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software incorrectly
Q3130-02DUP	VL042970.D	Tetrachloroethene	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software incorrectly
Q3131-01	VL042974.D	1,2-Dichloroethane	MMDadoda	9/24/2025 2:17:30 AM	SAM	9/24/2025 2:25:22 AM	Peak Integrated by Software incorrectly
Q3131-01	VL042974.D	2-Hexanone	MMDadoda	9/24/2025 2:17:30 AM	SAM	9/24/2025 2:25:22 AM	Peak Integrated by Software incorrectly
Q3131-01	VL042974.D	4-Methyl-2-Pentanone	MMDadoda	9/24/2025 2:17:30 AM	SAM	9/24/2025 2:25:22 AM	Peak Integrated by Software incorrectly

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Q3131-01	VL042974.D	Acetone	MMDadoda	9/24/2025 2:17:30 AM	SAM	9/24/2025 2:25:22 AM	Peak Integrated by Software incorrectly
Q3131-01	VL042974.D	Carbon Tetrachloride	MMDadoda	9/24/2025 2:17:30 AM	SAM	9/24/2025 2:25:22 AM	Peak Integrated by Software incorrectly
Q3131-01	VL042974.D	Chlorodifluoromethane	MMDadoda	9/24/2025 2:17:30 AM	SAM	9/24/2025 2:25:22 AM	Peak Integrated by Software incorrectly
Q3131-01	VL042974.D	Cyclohexane	MMDadoda	9/24/2025 2:17:30 AM	SAM	9/24/2025 2:25:22 AM	Peak Integrated by Software incorrectly
Q3131-01	VL042974.D	Heptane	MMDadoda	9/24/2025 2:17:30 AM	SAM	9/24/2025 2:25:22 AM	Peak Integrated by Software incorrectly
Q3131-01	VL042974.D	Propene	MMDadoda	9/24/2025 2:17:30 AM	SAM	9/24/2025 2:25:22 AM	Peak Integrated by Software incorrectly
Q3131-01DL	VL042975.D	Acetone	MMDadoda	9/24/2025 2:17:35 AM	SAM	9/24/2025 2:25:25 AM	Peak Integrated by Software incorrectly

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Q3131-01DL	VL042975.D	Isopropyl Alcohol	MMDadoda	9/24/2025 2:17:35 AM	SAM	9/24/2025 2:25:25 AM	Peak Integrated by Software incorrectly
Q3131-01DL	VL042975.D	m/p-Xylene	MMDadoda	9/24/2025 2:17:35 AM	SAM	9/24/2025 2:25:25 AM	Peak Integrated by Software incorrectly
Q3131-01DL	VL042975.D	Propene	MMDadoda	9/24/2025 2:17:35 AM	SAM	9/24/2025 2:25:25 AM	Peak Integrated by Software incorrectly
Q3131-01DL	VL042975.D	Toluene	MMDadoda	9/24/2025 2:17:35 AM	SAM	9/24/2025 2:25:25 AM	Peak Integrated by Software incorrectly
Q3131-02	VL042976.D	4-Methyl-2-Pentanone	MMDadoda	9/24/2025 2:17:37 AM	SAM	9/24/2025 2:25:27 AM	Peak Integrated by Software incorrectly
Q3131-02	VL042976.D	Acetone	MMDadoda	9/24/2025 2:17:37 AM	SAM	9/24/2025 2:25:27 AM	Peak Integrated by Software incorrectly
Q3131-02	VL042976.D	Carbon Tetrachloride	MMDadoda	9/24/2025 2:17:37 AM	SAM	9/24/2025 2:25:27 AM	Peak Integrated by Software incorrectly

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Q3131-02	VL042976.D	Chlorodifluoromethane	MMDadoda	9/24/2025 2:17:37 AM	SAM	9/24/2025 2:25:27 AM	Peak Integrated by Software incorrectly
Q3131-02	VL042976.D	Chloroform	MMDadoda	9/24/2025 2:17:37 AM	SAM	9/24/2025 2:25:27 AM	Peak Integrated by Software incorrectly
Q3131-02	VL042976.D	Heptane	MMDadoda	9/24/2025 2:17:37 AM	SAM	9/24/2025 2:25:27 AM	Peak Integrated by Software incorrectly
Q3131-02	VL042976.D	Propene	MMDadoda	9/24/2025 2:17:37 AM	SAM	9/24/2025 2:25:27 AM	Peak Integrated by Software incorrectly
Q3131-02	VL042976.D	Tetrahydrofuran	MMDadoda	9/24/2025 2:17:37 AM	SAM	9/24/2025 2:25:27 AM	Peak Integrated by Software incorrectly
Q3131-02DL	VL042977.D	2,2,4-Trimethylpentane	MMDadoda	9/24/2025 2:17:54 AM	SAM	9/24/2025 2:25:28 AM	Peak Integrated by Software incorrectly
Q3131-02DL	VL042977.D	Acetone	MMDadoda	9/24/2025 2:17:54 AM	SAM	9/24/2025 2:25:28 AM	Peak Integrated by Software incorrectly

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Q3131-02DL	VL042977.D	Isopropyl Alcohol	MMDadoda	9/24/2025 2:17:54 AM	SAM	9/24/2025 2:25:28 AM	Peak Integrated by Software incorrectly
Q3131-02DL	VL042977.D	m/p-Xylene	MMDadoda	9/24/2025 2:17:54 AM	SAM	9/24/2025 2:25:28 AM	Peak Integrated by Software incorrectly
Q3131-02DL	VL042977.D	Toluene	MMDadoda	9/24/2025 2:17:54 AM	SAM	9/24/2025 2:25:28 AM	Peak Integrated by Software incorrectly

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

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_____