

## Report of Analysis

|                    |             |                 |               |
|--------------------|-------------|-----------------|---------------|
| Client:            | PSEG        | Date Collected: | 07/02/25      |
| Project:           | Orange Gas  | Date Received:  | 07/02/25      |
| Client Sample ID:  | EO-1-070225 | SDG No.:        | Q2491         |
| Lab Sample ID:     | Q2491-01    | Matrix:         | SOIL          |
| Analytical Method: | 8260D       | % Solid:        | 92.4          |
| Sample Wt/Vol:     | 5           | Units:          | g             |
| Soil Aliquot Vol:  |             |                 | uL            |
| GC Column:         | RXI-624     | ID :            | 0.25          |
| Prep Method :      |             | Level :         | LOW           |
|                    |             | Final Vol:      | 5000          |
|                    |             | Test:           | VOC-TCLVOA-10 |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VY022934.D        | 1         | 07/03/25 11:53 | VY070325      |

| CAS Number     | Parameter                      | Conc.   | Qualifier | MDL     | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|---------|-----------|---------|------------|-------------------|
| <b>TARGETS</b> |                                |         |           |         |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 0.0012  | U         | 0.0012  | 0.0054     | mg/Kg             |
| 74-87-3        | Chloromethane                  | 0.0012  | U         | 0.0012  | 0.0054     | mg/Kg             |
| 75-01-4        | Vinyl Chloride                 | 0.00085 | U         | 0.00085 | 0.0054     | mg/Kg             |
| 74-83-9        | Bromomethane                   | 0.0012  | U         | 0.0012  | 0.0054     | mg/Kg             |
| 75-00-3        | Chloroethane                   | 0.0014  | U         | 0.0014  | 0.0054     | mg/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 0.0013  | U         | 0.0013  | 0.0054     | mg/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.0011  | U         | 0.0011  | 0.0054     | mg/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 0.0011  | U         | 0.0011  | 0.0054     | mg/Kg             |
| 67-64-1        | Acetone                        | 0.0051  | U         | 0.0051  | 0.027      | mg/Kg             |
| 75-15-0        | Carbon Disulfide               | 0.0011  | U         | 0.0011  | 0.0054     | mg/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.00079 | U         | 0.00079 | 0.0054     | mg/Kg             |
| 79-20-9        | Methyl Acetate                 | 0.0017  | U         | 0.0017  | 0.0054     | mg/Kg             |
| 75-09-2        | Methylene Chloride             | 0.0038  | U         | 0.0038  | 0.011      | mg/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.00093 | U         | 0.00093 | 0.0054     | mg/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 0.00087 | U         | 0.00087 | 0.0054     | mg/Kg             |
| 110-82-7       | Cyclohexane                    | 0.00085 | U         | 0.00085 | 0.0054     | mg/Kg             |
| 78-93-3        | 2-Butanone                     | 0.0071  | U         | 0.0071  | 0.027      | mg/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 0.0010  | U         | 0.0010  | 0.0054     | mg/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.00081 | U         | 0.00081 | 0.0054     | mg/Kg             |
| 74-97-5        | Bromochloromethane             | 0.0012  | U         | 0.0012  | 0.0054     | mg/Kg             |
| 67-66-3        | Chloroform                     | 0.00091 | U         | 0.00091 | 0.0054     | mg/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.0010  | U         | 0.0010  | 0.0054     | mg/Kg             |
| 108-87-2       | Methylcyclohexane              | 0.00098 | U         | 0.00098 | 0.0054     | mg/Kg             |
| 71-43-2        | Benzene                        | 0.00085 | U         | 0.00085 | 0.0054     | mg/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 0.00085 | U         | 0.00085 | 0.0054     | mg/Kg             |
| 79-01-6        | Trichloroethene                | 0.00088 | U         | 0.00088 | 0.0054     | mg/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 0.00098 | U         | 0.00098 | 0.0054     | mg/Kg             |
| 75-27-4        | Bromodichloromethane           | 0.00084 | U         | 0.00084 | 0.0054     | mg/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.0039  | U         | 0.0039  | 0.027      | mg/Kg             |
| 108-88-3       | Toluene                        | 0.00084 | U         | 0.00084 | 0.0054     | mg/Kg             |

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| Prep Method :      |             | Level :         | LOW      |

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[illegible]

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| Soil Aliquot Vol:  | uL                | Test:           | VOC-TCLVOA-10 |
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| Prep Method :      |                   |                 |               |

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| VY022934.D        | 1         | 07/03/25 11:53 | VY070325      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|--------------|------------------------------------|-------|-----------|-----|------------|-------------------|
|              | unknown12.731                      | 8.70  | J         |     | 12.7       | ug/Kg             |
| 1000309-38-7 | Oxalic acid, 2-ethylhexyl pentyl e | 6.80  | J         |     | 13.0       | ug/Kg             |
| 000535-77-3  | Benzene, 1-methyl-3-(1-methylethyl | 5.90  | J         |     | 13.2       | ug/Kg             |
|              | unknown13.670                      | 9.90  | J         |     | 13.7       | ug/Kg             |
| 000527-53-7  | Benzene, 1,2,3,5-tetramethyl-      | 9.00  | J         |     | 14.6       | ug/Kg             |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products