



Envirodyne Laboratories, Inc  
11011 Brooklet Dr., # 230  
Houston, TX 77099  
281.568.7880 Phone  
www.envirodyne.com

11 April 2019

Deer Park, City of  
Frank Walker  
2117 East X Street  
Deer Park, TX 77536

### Deer Park, City of - ITC Water Check

Enclosed are the results of analyses for samples received by the laboratory on 05-Apr-19 12:50. The analytical data provided relates only to the samples as received in this laboratory report.

ELI certifies that all results are NELAP compliant and performed in accordance with the referenced method except as noted in the Case Narrative or as noted with a qualifier. Any reproductions of this laboratory report should be in full and only with the written authorization from the client.

The total number of pages in this report is 24

Thank you for selecting ELI for your analytical needs. If you have any questions regarding this report, please contact us.

Sincerely,

A handwritten signature in blue ink that reads 'Monica Smith'.

Monica Smith  
Client Services Representative



Certificate No: T104704265-18-14



Envirodyne Laboratories, Inc  
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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
11-Apr-19 12:10

#### ANALYTICAL REPORT FOR SAMPLES

| Sample ID      | Laboratory ID | Matrix | Date Sampled    | Date Received   |
|----------------|---------------|--------|-----------------|-----------------|
| Raw Water      | 19D1095-01    | Water  | 05-Apr-19 09:20 | 05-Apr-19 12:50 |
| Finished Water | 19D1095-02    | Water  | 05-Apr-19 09:11 | 05-Apr-19 12:50 |
| TRIP BLANK     | 19D1095-03    | Water  | 08-Apr-19 00:00 | 05-Apr-19 12:50 |

Envirodyne Laboratories, Inc.

Monica Smith, Client Services Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Raw Water**  
**19D1095-01 (Water) Sampled: 05-Apr-19 09:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Analyst | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

|                                |            |     |      |   |         |           |                 |           |     |  |
|--------------------------------|------------|-----|------|---|---------|-----------|-----------------|-----------|-----|--|
| Dichlorodifluoromethane        | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Chloromethane                  | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Vinyl Chloride                 | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Bromomethane                   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Chloroethane                   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Trichlorofluoromethane         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Diethyl ether                  | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,1-Dichloroethene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Carbon Disulfide               | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Methylene Chloride             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| MTBE (Methyl tert-butyl ether) | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| trans-1,2-Dichloroethene       | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,1-Dichloroethane             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 2,2-Dichloropropane            | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| cis-1,2-Dichloroethene         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Bromochloromethane             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| <b>Chloroform</b>              | <b>18</b>  | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,2-Dichloroethane             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,1,1-Trichloroethane          | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Methyl Acrylate                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Tetrahydrofuran                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Carbon Tetrachloride           | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,1-Dichloropropene            | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Benzene                        | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Trichloroethene                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,2-Dichloropropane            | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Methyl methacrylate            | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Dibromomethane                 | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| <b>Bromodichloromethane</b>    | <b>7.1</b> | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| cis-1,3-Dichloropropene        | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |

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Monica Smith, Client Services Representative



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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Raw Water**  
**19D1095-01 (Water) Sampled: 05-Apr-19 09:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Analyst | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

|                             |            |     |      |   |         |           |                 |           |     |  |
|-----------------------------|------------|-----|------|---|---------|-----------|-----------------|-----------|-----|--|
| trans-1,3-Dichloropropene   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,1,2-Trichloroethane       | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| <b>Dibromochloromethane</b> | <b>2.3</b> | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,2-Dibromoethane           | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Toluene                     | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Tetrachloroethene           | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,3-Dichloropropane         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Chlorobenzene               | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,1,1,2-Tetrachloroethane   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Ethylbenzene                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| m,p-Xylene                  | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| o-Xylene                    | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Styrene                     | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Bromoform                   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Isopropylbenzene (Cumene)   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,1,2,2-Tetrachloroethane   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| trans-1,4-Dichloro-2-butene | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,2,3-Trichloropropane      | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Bromobenzene                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| n-Propylbenzene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 2-Chlorotoluene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,3,5-Trimethylbenzene      | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 4-Chlorotoluene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| tert-butyl Benzene          | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,2,4-Trimethylbenzene      | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| sec-butyl Benzene           | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| p-Isopropyltoluene          | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,3-Dichlorobenzene         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,4-Dichlorobenzene         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| n-butyl Benzene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |

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Monica Smith, Client Services Representative



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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Raw Water**  
**19D1095-01 (Water) Sampled: 05-Apr-19 09:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Analyst | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

|  |           |        |      |        |         |           |                 |           |     |  |
|--|-----------|--------|------|--------|---------|-----------|-----------------|-----------|-----|--|
| 1,2-Dichlorobenzene                      | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,2-Dibromo-3-chloropropane              | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,2,4-Trichlorobenzene                   | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Hexachlorobutadiene                      | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Naphthalene                              | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| 1,2,3-Trichlorobenzene                   | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Total Trichloroethanes                   | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| <b>Total Trihalomethanes</b>             | <b>28</b> | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| Total Xylenes                            | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>   |           | 89.6 % |      | 70-130 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> |           | 93.2 % |      | 70-130 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:07 | EPA 524.2 | BPC |  |

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*Monica Smith*

Monica Smith, Client Services Representative

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Finished Water**  
**19D1095-02 (Water) Sampled: 05-Apr-19 09:11**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Analyst | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

|                                |            |     |      |   |         |           |                 |           |     |  |
|--------------------------------|------------|-----|------|---|---------|-----------|-----------------|-----------|-----|--|
| Dichlorodifluoromethane        | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Chloromethane                  | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Vinyl Chloride                 | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Bromomethane                   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Chloroethane                   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Trichlorofluoromethane         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Diethyl ether                  | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,1-Dichloroethene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Carbon Disulfide               | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Methylene Chloride             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| MTBE (Methyl tert-butyl ether) | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| trans-1,2-Dichloroethene       | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,1-Dichloroethane             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 2,2-Dichloropropane            | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| cis-1,2-Dichloroethene         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Bromochloromethane             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| <b>Chloroform</b>              | <b>16</b>  | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,2-Dichloroethane             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,1,1-Trichloroethane          | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Methyl Acrylate                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Tetrahydrofuran                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Carbon Tetrachloride           | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,1-Dichloropropene            | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Benzene                        | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Trichloroethene                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,2-Dichloropropane            | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Methyl methacrylate            | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Dibromomethane                 | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| <b>Bromodichloromethane</b>    | <b>6.6</b> | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| cis-1,3-Dichloropropene        | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |

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Monica Smith, Client Services Representative



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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Finished Water**  
**19D1095-02 (Water) Sampled: 05-Apr-19 09:11**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Analyst | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

|                             |            |     |      |   |         |           |                 |           |     |  |
|-----------------------------|------------|-----|------|---|---------|-----------|-----------------|-----------|-----|--|
| trans-1,3-Dichloropropene   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,1,2-Trichloroethane       | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| <b>Dibromochloromethane</b> | <b>2.3</b> | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,2-Dibromoethane           | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Toluene                     | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Tetrachloroethene           | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,3-Dichloropropane         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Chlorobenzene               | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,1,1,2-Tetrachloroethane   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Ethylbenzene                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| m,p-Xylene                  | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| o-Xylene                    | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Styrene                     | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Bromoform                   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Isopropylbenzene (Cumene)   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,1,2,2-Tetrachloroethane   | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| trans-1,4-Dichloro-2-butene | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,2,3-Trichloropropane      | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Bromobenzene                | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| n-Propylbenzene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 2-Chlorotoluene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,3,5-Trimethylbenzene      | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 4-Chlorotoluene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| tert-butyl Benzene          | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,2,4-Trimethylbenzene      | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| sec-butyl Benzene           | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| p-Isopropyltoluene          | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,3-Dichlorobenzene         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,4-Dichlorobenzene         | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| n-butyl Benzene             | <1.0       | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |

Envirodyne Laboratories, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Monica Smith, Client Services Representative



Envirodyne Laboratories, Inc  
 11011 Brooklet Dr., # 230  
 Houston, TX 77099  
 281.568.7880 Phone  
 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Finished Water**  
**19D1095-02 (Water) Sampled: 05-Apr-19 09:11**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Analyst | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

|  |           |        |      |        |         |           |                 |           |     |  |
|--|-----------|--------|------|--------|---------|-----------|-----------------|-----------|-----|--|
| 1,2-Dichlorobenzene                      | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,2-Dibromo-3-chloropropane              | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,2,4-Trichlorobenzene                   | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Hexachlorobutadiene                      | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Naphthalene                              | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| 1,2,3-Trichlorobenzene                   | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Total Trichloroethanes                   | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| <b>Total Trihalomethanes</b>             | <b>25</b> | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| Total Xylenes                            | <1.0      | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>   |           | 88.6 % |      | 70-130 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> |           | 98.2 % |      | 70-130 | B9D1134 | 09-Apr-19 | 09-Apr-19 16:33 | EPA 524.2 | BPC |  |

Envirodyne Laboratories, Inc.

Monica Smith, Client Services Representative

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Envirodyne Laboratories, Inc  
 11011 Brooklet Dr., # 230  
 Houston, TX 77099  
 281.568.7880 Phone  
 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**TRIP BLANK**

**19D1095-03 (Water) Sampled: 08-Apr-19 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Analyst | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

|                                |      |     |      |   |         |           |                 |           |     |  |
|--------------------------------|------|-----|------|---|---------|-----------|-----------------|-----------|-----|--|
| Dichlorodifluoromethane        | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Chloromethane                  | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Vinyl Chloride                 | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Bromomethane                   | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Chloroethane                   | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Trichlorofluoromethane         | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Diethyl ether                  | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,1-Dichloroethene             | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Carbon Disulfide               | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Methylene Chloride             | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| MTBE (Methyl tert-butyl ether) | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| trans-1,2-Dichloroethene       | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,1-Dichloroethane             | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 2,2-Dichloropropane            | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| cis-1,2-Dichloroethene         | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Bromochloromethane             | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Chloroform                     | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,2-Dichloroethane             | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,1,1-Trichloroethane          | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Methyl Acrylate                | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Tetrahydrofuran                | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Carbon Tetrachloride           | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,1-Dichloropropene            | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Benzene                        | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Trichloroethene                | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,2-Dichloropropane            | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Methyl methacrylate            | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Dibromomethane                 | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Bromodichloromethane           | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| cis-1,3-Dichloropropene        | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |

Envirodyne Laboratories, Inc.

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*Monica Smith*

Monica Smith, Client Services Representative



Envirodyne Laboratories, Inc  
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 Houston, TX 77099  
 281.568.7880 Phone  
 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**TRIP BLANK**

**19D1095-03 (Water) Sampled: 08-Apr-19 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Analyst | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

|                             |      |     |      |   |         |           |                 |           |     |  |
|-----------------------------|------|-----|------|---|---------|-----------|-----------------|-----------|-----|--|
| trans-1,3-Dichloropropene   | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,1,2-Trichloroethane       | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Dibromochloromethane        | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,2-Dibromoethane           | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Toluene                     | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Tetrachloroethene           | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,3-Dichloropropane         | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Chlorobenzene               | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,1,1,2-Tetrachloroethane   | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Ethylbenzene                | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| m,p-Xylene                  | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| o-Xylene                    | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Styrene                     | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Bromoform                   | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Isopropylbenzene (Cumene)   | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,1,2,2-Tetrachloroethane   | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| trans-1,4-Dichloro-2-butene | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,2,3-Trichloropropane      | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Bromobenzene                | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| n-Propylbenzene             | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 2-Chlorotoluene             | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,3,5-Trimethylbenzene      | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 4-Chlorotoluene             | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| tert-butyl Benzene          | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,2,4-Trimethylbenzene      | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| sec-butyl Benzene           | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| p-Isopropyltoluene          | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,3-Dichlorobenzene         | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,4-Dichlorobenzene         | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| n-butyl Benzene             | <1.0 | 1.0 | ug/L | 1 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |

Envirodyne Laboratories, Inc.

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*Monica Smith*

Monica Smith, Client Services Representative



Envirodyne Laboratories, Inc  
 11011 Brooklet Dr., # 230  
 Houston, TX 77099  
 281.568.7880 Phone  
 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**TRIP BLANK**

**19D1095-03 (Water) Sampled: 08-Apr-19 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Analyst | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|---------|-------|

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

|                                   |      |        |      |        |         |           |                 |           |     |  |
|-----------------------------------|------|--------|------|--------|---------|-----------|-----------------|-----------|-----|--|
| 1,2-Dichlorobenzene               | <1.0 | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,2-Dibromo-3-chloropropane       | <1.0 | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,2,4-Trichlorobenzene            | <1.0 | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Hexachlorobutadiene               | <1.0 | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Naphthalene                       | <1.0 | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| 1,2,3-Trichlorobenzene            | <1.0 | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Total Trichloroethanes            | <1.0 | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Total Trihalomethanes             | <1.0 | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Total Xylenes                     | <1.0 | 1.0    | ug/L | 1      | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Surrogate: 4-Bromofluorobenzene   |      | 89.6 % |      | 70-130 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |
| Surrogate: 1,2-Dichlorobenzene-d4 |      | 94.4 % |      | 70-130 | B9D1134 | 09-Apr-19 | 09-Apr-19 15:40 | EPA 524.2 | BPC |  |

Envirodyne Laboratories, Inc.

*Monica Smith*

Monica Smith, Client Services Representative

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Envirodyne Laboratories, Inc  
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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

**Blank (B9D1134-BLK1)**

Prepared & Analyzed: 09-Apr-19

|                                |      |     |      |  |  |  |  |  |  |  |
|--------------------------------|------|-----|------|--|--|--|--|--|--|--|
| Dichlorodifluoromethane        | <1.0 | 1.0 | ug/L |  |  |  |  |  |  |  |
| Chloromethane                  | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Vinyl Chloride                 | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Bromomethane                   | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Chloroethane                   | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Trichlorofluoromethane         | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Diethyl ether                  | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethene             | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Carbon Disulfide               | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Methylene Chloride             | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| MTBE (Methyl tert-butyl ether) | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| trans-1,2-Dichloroethene       | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethane             | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 2,2-Dichloropropane            | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| cis-1,2-Dichloroethene         | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Bromochloromethane             | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Chloroform                     | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,2-Dichloroethane             | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane          | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Methyl Acrylate                | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Tetrahydrofuran                | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Carbon Tetrachloride           | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloropropene            | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Benzene                        | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Trichloroethene                | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,2-Dichloropropane            | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Methyl methacrylate            | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Dibromomethane                 | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Bromodichloromethane           | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropene        | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| trans-1,3-Dichloropropene      | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane          | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

**Blank (B9D1134-BLK1)**

Prepared & Analyzed: 09-Apr-19

|                             |      |     |      |  |  |  |  |  |  |  |
|-----------------------------|------|-----|------|--|--|--|--|--|--|--|
| Dibromochloromethane        | <1.0 | 1.0 | ug/L |  |  |  |  |  |  |  |
| 1,2-Dibromoethane           | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Toluene                     | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Tetrachloroethene           | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,3-Dichloropropane         | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Chlorobenzene               | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,1,1,2-Tetrachloroethane   | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Ethylbenzene                | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| m,p-Xylene                  | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| o-Xylene                    | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Styrene                     | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Bromoform                   | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Isopropylbenzene (Cumene)   | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane   | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| trans-1,4-Dichloro-2-butene | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane      | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Bromobenzene                | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| n-Propylbenzene             | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 2-Chlorotoluene             | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene      | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 4-Chlorotoluene             | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| tert-butyl Benzene          | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene      | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| sec-butyl Benzene           | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| p-Isopropyltoluene          | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene         | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene         | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| n-butyl Benzene             | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene         | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,2-Dibromo-3-chloropropane | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene      | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |
| Hexachlorobutadiene         | <1.0 | 1.0 | "    |  |  |  |  |  |  |  |

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Monica Smith, Client Services Representative

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

| <b>Blank (B9D1134-BLK1)</b>              |      | Prepared & Analyzed: 09-Apr-19 |      |      |  |      |        |  |  |  |
|--|------|--------------------------------|------|------|--|------|--------|--|--|--|
| Naphthalene                              | <1.0 | 1.0                            | ug/L |      |  |      |        |  |  |  |
| 1,2,3-Trichlorobenzene                   | <1.0 | 1.0                            | "    |      |  |      |        |  |  |  |
| Total Trichloroethanes                   | <1.0 | 1.0                            | "    |      |  |      |        |  |  |  |
| Total Trihalomethanes                    | <1.0 | 1.0                            | "    |      |  |      |        |  |  |  |
| Total Xylenes                            | <1.0 | 1.0                            | "    |      |  |      |        |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>   | 4.6  |                                | "    | 5.00 |  | 91.2 | 70-130 |  |  |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> | 4.8  |                                | "    | 5.00 |  | 95.2 | 70-130 |  |  |  |

| <b>LCS (B9D1134-BS1)</b>       |    | Prepared & Analyzed: 09-Apr-19 |      |      |  |      |        |  |  |  |
|--------------------------------|----|--------------------------------|------|------|--|------|--------|--|--|--|
| Dichlorodifluoromethane        | 18 | 1.0                            | ug/L | 20.0 |  | 89.8 | 80-120 |  |  |  |
| Chloromethane                  | 17 | 1.0                            | "    | 20.0 |  | 87.3 | 80-120 |  |  |  |
| Vinyl Chloride                 | 19 | 1.0                            | "    | 20.0 |  | 93.0 | 80-120 |  |  |  |
| Bromomethane                   | 17 | 1.0                            | "    | 20.0 |  | 85.2 | 80-120 |  |  |  |
| Chloroethane                   | 17 | 1.0                            | "    | 20.0 |  | 85.0 | 80-120 |  |  |  |
| Trichlorofluoromethane         | 19 | 1.0                            | "    | 20.0 |  | 93.4 | 80-120 |  |  |  |
| Diethyl ether                  | 19 | 1.0                            | "    | 20.0 |  | 94.2 | 80-120 |  |  |  |
| 1,1-Dichloroethene             | 19 | 1.0                            | "    | 20.0 |  | 93.0 | 80-120 |  |  |  |
| Carbon Disulfide               | 17 | 1.0                            | "    | 20.0 |  | 82.6 | 80-120 |  |  |  |
| Methylene Chloride             | 19 | 1.0                            | "    | 20.0 |  | 96.2 | 80-120 |  |  |  |
| MTBE (Methyl tert-butyl ether) | 18 | 1.0                            | "    | 20.0 |  | 90.0 | 80-120 |  |  |  |
| trans-1,2-Dichloroethene       | 18 | 1.0                            | "    | 20.0 |  | 92.4 | 80-120 |  |  |  |
| 1,1-Dichloroethane             | 18 | 1.0                            | "    | 20.0 |  | 91.5 | 80-120 |  |  |  |
| 2,2-Dichloropropane            | 18 | 1.0                            | "    | 20.0 |  | 88.6 | 80-120 |  |  |  |
| cis-1,2-Dichloroethene         | 19 | 1.0                            | "    | 20.0 |  | 94.8 | 80-120 |  |  |  |
| Bromochloromethane             | 18 | 1.0                            | "    | 20.0 |  | 92.2 | 80-120 |  |  |  |
| Chloroform                     | 19 | 1.0                            | "    | 20.0 |  | 94.5 | 80-120 |  |  |  |
| 1,2-Dichloroethane             | 19 | 1.0                            | "    | 20.0 |  | 95.8 | 80-120 |  |  |  |
| 1,1,1-Trichloroethane          | 19 | 1.0                            | "    | 20.0 |  | 94.4 | 80-120 |  |  |  |
| Methyl Acrylate                | 20 | 1.0                            | "    | 20.0 |  | 101  | 80-120 |  |  |  |
| Tetrahydrofuran                | 22 | 1.0                            | "    | 20.0 |  | 109  | 80-120 |  |  |  |
| Carbon Tetrachloride           | 19 | 1.0                            | "    | 20.0 |  | 92.7 | 80-120 |  |  |  |
| 1,1-Dichloropropene            | 19 | 1.0                            | "    | 20.0 |  | 94.0 | 80-120 |  |  |  |

Envirodyne Laboratories, Inc.

*Monica Smith*

Monica Smith, Client Services Representative

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

| <b>LCS (B9D1134-BS1)</b>    |    | Prepared & Analyzed: 09-Apr-19 |      |      |  |      |        |  |  |  |
|-----------------------------|----|--------------------------------|------|------|--|------|--------|--|--|--|
| Benzene                     | 19 | 1.0                            | ug/L | 20.0 |  | 92.8 | 80-120 |  |  |  |
| Trichloroethene             | 19 | 1.0                            | "    | 20.0 |  | 94.4 | 80-120 |  |  |  |
| 1,2-Dichloropropane         | 19 | 1.0                            | "    | 20.0 |  | 94.5 | 80-120 |  |  |  |
| Methyl methacrylate         | 20 | 1.0                            | "    | 20.0 |  | 102  | 80-120 |  |  |  |
| Dibromomethane              | 20 | 1.0                            | "    | 20.0 |  | 98.8 | 80-120 |  |  |  |
| Bromodichloromethane        | 19 | 1.0                            | "    | 20.0 |  | 96.9 | 80-120 |  |  |  |
| cis-1,3-Dichloropropene     | 20 | 1.0                            | "    | 20.0 |  | 98.7 | 80-120 |  |  |  |
| trans-1,3-Dichloropropene   | 19 | 1.0                            | "    | 20.0 |  | 95.1 | 80-120 |  |  |  |
| 1,1,2-Trichloroethane       | 19 | 1.0                            | "    | 20.0 |  | 96.6 | 80-120 |  |  |  |
| Dibromochloromethane        | 18 | 1.0                            | "    | 20.0 |  | 88.2 | 80-120 |  |  |  |
| 1,2-Dibromoethane           | 20 | 1.0                            | "    | 20.0 |  | 99.5 | 80-120 |  |  |  |
| Toluene                     | 18 | 1.0                            | "    | 20.0 |  | 91.2 | 80-120 |  |  |  |
| Tetrachloroethene           | 19 | 1.0                            | "    | 20.0 |  | 94.6 | 80-120 |  |  |  |
| 1,3-Dichloropropane         | 20 | 1.0                            | "    | 20.0 |  | 97.6 | 80-120 |  |  |  |
| Chlorobenzene               | 19 | 1.0                            | "    | 20.0 |  | 94.4 | 80-120 |  |  |  |
| 1,1,1,2-Tetrachloroethane   | 20 | 1.0                            | "    | 20.0 |  | 100  | 80-120 |  |  |  |
| Ethylbenzene                | 19 | 1.0                            | "    | 20.0 |  | 97.4 | 80-120 |  |  |  |
| m,p-Xylene                  | 39 | 1.0                            | "    | 40.0 |  | 97.3 | 80-120 |  |  |  |
| o-Xylene                    | 19 | 1.0                            | "    | 20.0 |  | 97.2 | 80-120 |  |  |  |
| Styrene                     | 18 | 1.0                            | "    | 20.0 |  | 92.5 | 80-120 |  |  |  |
| Bromoform                   | 17 | 1.0                            | "    | 20.0 |  | 86.6 | 80-120 |  |  |  |
| Isopropylbenzene (Cumene)   | 19 | 1.0                            | "    | 20.0 |  | 96.8 | 80-120 |  |  |  |
| 1,1,2,2-Tetrachloroethane   | 20 | 1.0                            | "    | 20.0 |  | 97.9 | 80-120 |  |  |  |
| trans-1,4-Dichloro-2-butene | 18 | 1.0                            | "    | 20.0 |  | 88.8 | 80-120 |  |  |  |
| 1,2,3-Trichloropropane      | 19 | 1.0                            | "    | 20.0 |  | 96.8 | 80-120 |  |  |  |
| Bromobenzene                | 19 | 1.0                            | "    | 20.0 |  | 94.1 | 80-120 |  |  |  |
| n-Propylbenzene             | 20 | 1.0                            | "    | 20.0 |  | 99.0 | 80-120 |  |  |  |
| 2-Chlorotoluene             | 20 | 1.0                            | "    | 20.0 |  | 101  | 80-120 |  |  |  |
| 1,3,5-Trimethylbenzene      | 19 | 1.0                            | "    | 20.0 |  | 96.3 | 80-120 |  |  |  |
| 4-Chlorotoluene             | 19 | 1.0                            | "    | 20.0 |  | 95.1 | 80-120 |  |  |  |
| tert-butyl Benzene          | 19 | 1.0                            | "    | 20.0 |  | 92.7 | 80-120 |  |  |  |
| 1,2,4-Trimethylbenzene      | 20 | 1.0                            | "    | 20.0 |  | 98.6 | 80-120 |  |  |  |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

| <b>LCS (B9D1134-BS1)</b>                 |            | Prepared & Analyzed: 09-Apr-19 |          |             |  |            |               |  |  |  |
|--|------------|--------------------------------|----------|-------------|--|------------|---------------|--|--|--|
| sec-butyl Benzene                        | 18         | 1.0                            | ug/L     | 20.0        |  | 88.6       | 80-120        |  |  |  |
| p-Isopropyltoluene                       | 18         | 1.0                            | "        | 20.0        |  | 88.7       | 80-120        |  |  |  |
| 1,3-Dichlorobenzene                      | 18         | 1.0                            | "        | 20.0        |  | 91.6       | 80-120        |  |  |  |
| 1,4-Dichlorobenzene                      | 19         | 1.0                            | "        | 20.0        |  | 94.2       | 80-120        |  |  |  |
| n-butyl Benzene                          | 19         | 1.0                            | "        | 20.0        |  | 92.8       | 80-120        |  |  |  |
| 1,2-Dichlorobenzene                      | 19         | 1.0                            | "        | 20.0        |  | 93.4       | 80-120        |  |  |  |
| 1,2-Dibromo-3-chloropropane              | 19         | 1.0                            | "        | 20.0        |  | 94.0       | 80-120        |  |  |  |
| 1,2,4-Trichlorobenzene                   | 19         | 1.0                            | "        | 20.0        |  | 97.2       | 80-120        |  |  |  |
| Hexachlorobutadiene                      | 19         | 1.0                            | "        | 20.0        |  | 95.8       | 80-120        |  |  |  |
| Naphthalene                              | 20         | 1.0                            | "        | 20.0        |  | 102        | 80-120        |  |  |  |
| 1,2,3-Trichlorobenzene                   | 22         | 1.0                            | "        | 20.0        |  | 109        | 80-120        |  |  |  |
| Total Trichloroethanes                   | 38         | 1.0                            | "        | 40.0        |  | 95.6       | 80-120        |  |  |  |
| Total Trihalomethanes                    | 73         | 1.0                            | "        | 80.0        |  | 91.5       | 80-120        |  |  |  |
| Total Xylenes                            | 58         | 1.0                            | "        | 60.0        |  | 97.2       | 80-120        |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>   | <i>5.0</i> |                                | <i>"</i> | <i>5.00</i> |  | <i>100</i> | <i>70-130</i> |  |  |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> | <i>5.1</i> |                                | <i>"</i> | <i>5.00</i> |  | <i>102</i> | <i>70-130</i> |  |  |  |

| <b>LCS Dup (B9D1134-BS1)</b>   |    | Prepared & Analyzed: 09-Apr-19 |      |      |  |      |        |      |    |  |
|--------------------------------|----|--------------------------------|------|------|--|------|--------|------|----|--|
| Dichlorodifluoromethane        | 19 | 1.0                            | ug/L | 20.0 |  | 96.8 | 80-120 | 7.55 | 20 |  |
| Chloromethane                  | 18 | 1.0                            | "    | 20.0 |  | 92.2 | 80-120 | 5.51 | 20 |  |
| Vinyl Chloride                 | 19 | 1.0                            | "    | 20.0 |  | 96.6 | 80-120 | 3.80 | 20 |  |
| Bromomethane                   | 19 | 1.0                            | "    | 20.0 |  | 93.0 | 80-120 | 8.81 | 20 |  |
| Chloroethane                   | 20 | 1.0                            | "    | 20.0 |  | 97.6 | 80-120 | 13.8 | 20 |  |
| Trichlorofluoromethane         | 20 | 1.0                            | "    | 20.0 |  | 98.1 | 80-120 | 4.96 | 20 |  |
| Diethyl ether                  | 20 | 1.0                            | "    | 20.0 |  | 101  | 80-120 | 7.22 | 20 |  |
| 1,1-Dichloroethene             | 20 | 1.0                            | "    | 20.0 |  | 99.0 | 80-120 | 6.25 | 20 |  |
| Carbon Disulfide               | 17 | 1.0                            | "    | 20.0 |  | 83.8 | 80-120 | 1.50 | 20 |  |
| Methylene Chloride             | 25 | 1.0                            | "    | 20.0 |  | 126  | 80-120 | 26.5 | 20 |  |
| MTBE (Methyl tert-butyl ether) | 19 | 1.0                            | "    | 20.0 |  | 95.6 | 80-120 | 6.09 | 20 |  |
| trans-1,2-Dichloroethene       | 19 | 1.0                            | "    | 20.0 |  | 96.6 | 80-120 | 4.55 | 20 |  |
| 1,1-Dichloroethane             | 19 | 1.0                            | "    | 20.0 |  | 96.3 | 80-120 | 5.11 | 20 |  |
| 2,2-Dichloropropane            | 21 | 1.0                            | "    | 20.0 |  | 104  | 80-120 | 15.9 | 20 |  |

Envirodyne Laboratories, Inc.

*Monica Smith*

Monica Smith, Client Services Representative

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 11011 Brooklet Dr., # 230  
 Houston, TX 77099  
 281.568.7880 Phone  
 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

| <b>LCS Dup (B9D1134-BSD1)</b> |    | <b>Prepared &amp; Analyzed: 09-Apr-19</b> |      |      |      |        |       |    |  |  |
|-------------------------------|----|---|------|------|------|--------|-------|----|--|--|
| cis-1,2-Dichloroethene        | 20 | 1.0                                       | ug/L | 20.0 | 102  | 80-120 | 7.47  | 20 |  |  |
| Bromochloromethane            | 19 | 1.0                                       | "    | 20.0 | 96.1 | 80-120 | 4.09  | 20 |  |  |
| Chloroform                    | 20 | 1.0                                       | "    | 20.0 | 100  | 80-120 | 6.15  | 20 |  |  |
| 1,2-Dichloroethane            | 20 | 1.0                                       | "    | 20.0 | 101  | 80-120 | 4.94  | 20 |  |  |
| 1,1,1-Trichloroethane         | 20 | 1.0                                       | "    | 20.0 | 101  | 80-120 | 6.36  | 20 |  |  |
| Methyl Acrylate               | 20 | 1.0                                       | "    | 20.0 | 102  | 80-120 | 1.58  | 20 |  |  |
| Tetrahydrofuran               | 22 | 1.0                                       | "    | 20.0 | 110  | 80-120 | 0.822 | 20 |  |  |
| Carbon Tetrachloride          | 20 | 1.0                                       | "    | 20.0 | 101  | 80-120 | 8.62  | 20 |  |  |
| 1,1-Dichloropropene           | 20 | 1.0                                       | "    | 20.0 | 100  | 80-120 | 6.13  | 20 |  |  |
| Benzene                       | 20 | 1.0                                       | "    | 20.0 | 98.6 | 80-120 | 6.01  | 20 |  |  |
| Trichloroethene               | 20 | 1.0                                       | "    | 20.0 | 98.6 | 80-120 | 4.41  | 20 |  |  |
| 1,2-Dichloropropane           | 20 | 1.0                                       | "    | 20.0 | 97.8 | 80-120 | 3.48  | 20 |  |  |
| Methyl methacrylate           | 21 | 1.0                                       | "    | 20.0 | 106  | 80-120 | 4.28  | 20 |  |  |
| Dibromomethane                | 21 | 1.0                                       | "    | 20.0 | 106  | 80-120 | 6.56  | 20 |  |  |
| Bromodichloromethane          | 21 | 1.0                                       | "    | 20.0 | 104  | 80-120 | 6.88  | 20 |  |  |
| cis-1,3-Dichloropropene       | 21 | 1.0                                       | "    | 20.0 | 106  | 80-120 | 7.56  | 20 |  |  |
| trans-1,3-Dichloropropene     | 21 | 1.0                                       | "    | 20.0 | 103  | 80-120 | 7.93  | 20 |  |  |
| 1,1,2-Trichloroethane         | 20 | 1.0                                       | "    | 20.0 | 101  | 80-120 | 4.60  | 20 |  |  |
| Dibromochloromethane          | 19 | 1.0                                       | "    | 20.0 | 95.7 | 80-120 | 8.21  | 20 |  |  |
| 1,2-Dibromoethane             | 21 | 1.0                                       | "    | 20.0 | 105  | 80-120 | 5.09  | 20 |  |  |
| Toluene                       | 19 | 1.0                                       | "    | 20.0 | 96.9 | 80-120 | 6.01  | 20 |  |  |
| Tetrachloroethene             | 19 | 1.0                                       | "    | 20.0 | 96.8 | 80-120 | 2.25  | 20 |  |  |
| 1,3-Dichloropropane           | 20 | 1.0                                       | "    | 20.0 | 102  | 80-120 | 4.65  | 20 |  |  |
| Chlorobenzene                 | 20 | 1.0                                       | "    | 20.0 | 98.8 | 80-120 | 4.55  | 20 |  |  |
| 1,1,1,2-Tetrachloroethane     | 22 | 1.0                                       | "    | 20.0 | 109  | 80-120 | 8.00  | 20 |  |  |
| Ethylbenzene                  | 21 | 1.0                                       | "    | 20.0 | 103  | 80-120 | 5.63  | 20 |  |  |
| m,p-Xylene                    | 41 | 1.0                                       | "    | 40.0 | 103  | 80-120 | 5.50  | 20 |  |  |
| o-Xylene                      | 20 | 1.0                                       | "    | 20.0 | 102  | 80-120 | 4.67  | 20 |  |  |
| Styrene                       | 20 | 1.0                                       | "    | 20.0 | 98.0 | 80-120 | 5.72  | 20 |  |  |
| Bromoform                     | 19 | 1.0                                       | "    | 20.0 | 94.3 | 80-120 | 8.51  | 20 |  |  |
| Isopropylbenzene (Cumene)     | 21 | 1.0                                       | "    | 20.0 | 104  | 80-120 | 7.55  | 20 |  |  |
| 1,1,2,2-Tetrachloroethane     | 20 | 1.0                                       | "    | 20.0 | 101  | 80-120 | 3.41  | 20 |  |  |

Envirodyne Laboratories, Inc.

Monica Smith, Client Services Representative

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 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

| <b>LCS Dup (B9D1134-BSD1)</b>     | <b>Prepared &amp; Analyzed: 09-Apr-19</b> |     |      |      |  |      |        |        |    |  |
|-----------------------------------|---|-----|------|------|--|------|--------|--------|----|--|
| trans-1,4-Dichloro-2-butene       | 19  | 1.0 | ug/L | 20.0 |  | 96.9 | 80-120 | 8.78   | 20 |  |
| 1,2,3-Trichloropropane            | 20  | 1.0 | "    | 20.0 |  | 99.8 | 80-120 | 3.05   | 20 |  |
| Bromobenzene                      | 20  | 1.0 | "    | 20.0 |  | 98.1 | 80-120 | 4.16   | 20 |  |
| n-Propylbenzene                   | 21  | 1.0 | "    | 20.0 |  | 107  | 80-120 | 8.09   | 20 |  |
| 2-Chlorotoluene                   | 21  | 1.0 | "    | 20.0 |  | 107  | 80-120 | 5.98   | 20 |  |
| 1,3,5-Trimethylbenzene            | 21  | 1.0 | "    | 20.0 |  | 103  | 80-120 | 6.63   | 20 |  |
| 4-Chlorotoluene                   | 20  | 1.0 | "    | 20.0 |  | 102  | 80-120 | 7.39   | 20 |  |
| tert-butyl Benzene                | 20  | 1.0 | "    | 20.0 |  | 99.8 | 80-120 | 7.43   | 20 |  |
| 1,2,4-Trimethylbenzene            | 21  | 1.0 | "    | 20.0 |  | 107  | 80-120 | 8.13   | 20 |  |
| sec-butyl Benzene                 | 20  | 1.0 | "    | 20.0 |  | 97.6 | 80-120 | 9.67   | 20 |  |
| p-Isopropyltoluene                | 19  | 1.0 | "    | 20.0 |  | 96.8 | 80-120 | 8.73   | 20 |  |
| 1,3-Dichlorobenzene               | 20  | 1.0 | "    | 20.0 |  | 99.0 | 80-120 | 7.71   | 20 |  |
| 1,4-Dichlorobenzene               | 20  | 1.0 | "    | 20.0 |  | 100  | 80-120 | 6.17   | 20 |  |
| n-butyl Benzene                   | 20  | 1.0 | "    | 20.0 |  | 100  | 80-120 | 7.52   | 20 |  |
| 1,2-Dichlorobenzene               | 20  | 1.0 | "    | 20.0 |  | 98.7 | 80-120 | 5.52   | 20 |  |
| 1,2-Dibromo-3-chloropropane       | 20  | 1.0 | "    | 20.0 |  | 99.8 | 80-120 | 5.99   | 20 |  |
| 1,2,4-Trichlorobenzene            | 20  | 1.0 | "    | 20.0 |  | 102  | 80-120 | 5.21   | 20 |  |
| Hexachlorobutadiene               | 20  | 1.0 | "    | 20.0 |  | 101  | 80-120 | 4.98   | 20 |  |
| Naphthalene                       | 20  | 1.0 | "    | 20.0 |  | 102  | 80-120 | 0.0977 | 20 |  |
| 1,2,3-Trichlorobenzene            | 22  | 1.0 | "    | 20.0 |  | 108  | 80-120 | 0.830  | 20 |  |
| Total Trichloroethanes            | 40  | 1.0 | "    | 40.0 |  | 101  | 80-120 | 5.47   | 20 |  |
| Total Trihalomethanes             | 79  | 1.0 | "    | 80.0 |  | 98.6 | 80-120 | 7.40   | 20 |  |
| Total Xylenes                     | 61  | 1.0 | "    | 60.0 |  | 102  | 80-120 | 5.22   | 20 |  |
| Surrogate: 4-Bromofluorobenzene   | 5.0                                       |     | "    | 5.00 |  | 99.2 | 70-130 |        |    |  |
| Surrogate: 1,2-Dichlorobenzene-d4 | 5.1                                       |     | "    | 5.00 |  | 103  | 70-130 |        |    |  |

| <b>Matrix Spike (B9D1134-MS1)</b> | <b>Source: 19D1095-01</b> |     |      | <b>Prepared &amp; Analyzed: 09-Apr-19</b> |    |      |        |  |  |  |
|-----------------------------------|---------------------------|-----|------|---|----|------|--------|--|--|--|
| Dichlorodifluoromethane           | 20                        | 1.0 | ug/L | 20.0                                      | ND | 100  | 80-120 |  |  |  |
| Chloromethane                     | 22                        | 1.0 | "    | 20.0                                      | ND | 109  | 80-120 |  |  |  |
| Vinyl Chloride                    | 21                        | 1.0 | "    | 20.0                                      | ND | 107  | 80-120 |  |  |  |
| Bromomethane                      | 20                        | 1.0 | "    | 20.0                                      | ND | 98.0 | 80-120 |  |  |  |
| Chloroethane                      | 21                        | 1.0 | "    | 20.0                                      | ND | 106  | 80-120 |  |  |  |

Envirodyne Laboratories, Inc.

*Monica Smith*

Monica Smith, Client Services Representative

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 Houston, TX 77099  
 281.568.7880 Phone  
 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

| <b>Matrix Spike (B9D1134-MS1)</b> | <b>Source: 19D1095-01</b> |     |      | <b>Prepared &amp; Analyzed: 09-Apr-19</b> |     |      |        |  |  |   |
|-----------------------------------|---------------------------|-----|------|---|-----|------|--------|--|--|---|
| Trichlorofluoromethane            | 22                        | 1.0 | ug/L | 20.0                                      | ND  | 112  | 80-120 |  |  |   |
| Diethyl ether                     | 22                        | 1.0 | "    | 20.0                                      | ND  | 109  | 80-120 |  |  |   |
| 1,1-Dichloroethene                | 22                        | 1.0 | "    | 20.0                                      | ND  | 108  | 80-120 |  |  |   |
| Carbon Disulfide                  | 19                        | 1.0 | "    | 20.0                                      | ND  | 93.0 | 80-120 |  |  |   |
| Methylene Chloride                | 18                        | 1.0 | "    | 20.0                                      | ND  | 91.1 | 80-120 |  |  |   |
| MTBE (Methyl tert-butyl ether)    | 20                        | 1.0 | "    | 20.0                                      | ND  | 100  | 80-120 |  |  |   |
| trans-1,2-Dichloroethene          | 21                        | 1.0 | "    | 20.0                                      | ND  | 104  | 80-120 |  |  |   |
| 1,1-Dichloroethane                | 21                        | 1.0 | "    | 20.0                                      | ND  | 107  | 80-120 |  |  |   |
| 2,2-Dichloropropane               | 20                        | 1.0 | "    | 20.0                                      | ND  | 99.8 | 80-120 |  |  |   |
| cis-1,2-Dichloroethene            | 22                        | 1.0 | "    | 20.0                                      | ND  | 109  | 80-120 |  |  |   |
| Bromochloromethane                | 22                        | 1.0 | "    | 20.0                                      | ND  | 109  | 80-120 |  |  |   |
| Chloroform                        | 43                        | 1.0 | "    | 20.0                                      | 18  | 124  | 80-120 |  |  | Q |
| 1,2-Dichloroethane                | 22                        | 1.0 | "    | 20.0                                      | ND  | 109  | 80-120 |  |  |   |
| 1,1,1-Trichloroethane             | 22                        | 1.0 | "    | 20.0                                      | ND  | 109  | 80-120 |  |  |   |
| Methyl Acrylate                   | 22                        | 1.0 | "    | 20.0                                      | ND  | 108  | 80-120 |  |  |   |
| Tetrahydrofuran                   | 22                        | 1.0 | "    | 20.0                                      | ND  | 109  | 80-120 |  |  |   |
| Carbon Tetrachloride              | 22                        | 1.0 | "    | 20.0                                      | ND  | 112  | 80-120 |  |  |   |
| 1,1-Dichloropropene               | 21                        | 1.0 | "    | 20.0                                      | ND  | 106  | 80-120 |  |  |   |
| Benzene                           | 22                        | 1.0 | "    | 20.0                                      | ND  | 109  | 80-120 |  |  |   |
| Trichloroethene                   | 21                        | 1.0 | "    | 20.0                                      | ND  | 107  | 80-120 |  |  |   |
| 1,2-Dichloropropane               | 21                        | 1.0 | "    | 20.0                                      | ND  | 106  | 80-120 |  |  |   |
| Methyl methacrylate               | 22                        | 1.0 | "    | 20.0                                      | ND  | 111  | 80-120 |  |  |   |
| Dibromomethane                    | 23                        | 1.0 | "    | 20.0                                      | ND  | 115  | 80-120 |  |  |   |
| Bromodichloromethane              | 33                        | 1.0 | "    | 20.0                                      | 7.1 | 129  | 80-120 |  |  | Q |
| cis-1,3-Dichloropropene           | 22                        | 1.0 | "    | 20.0                                      | ND  | 110  | 80-120 |  |  |   |
| trans-1,3-Dichloropropene         | 21                        | 1.0 | "    | 20.0                                      | ND  | 107  | 80-120 |  |  |   |
| 1,1,2-Trichloroethane             | 22                        | 1.0 | "    | 20.0                                      | ND  | 110  | 80-120 |  |  |   |
| Dibromochloromethane              | 22                        | 1.0 | "    | 20.0                                      | 2.3 | 101  | 80-120 |  |  |   |
| 1,2-Dibromoethane                 | 23                        | 1.0 | "    | 20.0                                      | ND  | 113  | 80-120 |  |  |   |
| Toluene                           | 21                        | 1.0 | "    | 20.0                                      | ND  | 104  | 80-120 |  |  |   |
| Tetrachloroethene                 | 22                        | 1.0 | "    | 20.0                                      | ND  | 108  | 80-120 |  |  |   |
| 1,3-Dichloropropane               | 22                        | 1.0 | "    | 20.0                                      | ND  | 111  | 80-120 |  |  |   |

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Monica Smith, Client Services Representative

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

| <b>Matrix Spike (B9D1134-MS1)</b> | <b>Source: 19D1095-01</b> |     |      | <b>Prepared &amp; Analyzed: 09-Apr-19</b> |    |      |        |  |  |  |
|-----------------------------------|---------------------------|-----|------|---|----|------|--------|--|--|--|
| Chlorobenzene                     | 21                        | 1.0 | ug/L | 20.0                                      | ND | 103  | 80-120 |  |  |  |
| 1,1,1,2-Tetrachloroethane         | 23                        | 1.0 | "    | 20.0                                      | ND | 117  | 80-120 |  |  |  |
| Ethylbenzene                      | 22                        | 1.0 | "    | 20.0                                      | ND | 109  | 80-120 |  |  |  |
| m,p-Xylene                        | 43                        | 1.0 | "    | 40.0                                      | ND | 107  | 80-120 |  |  |  |
| o-Xylene                          | 21                        | 1.0 | "    | 20.0                                      | ND | 106  | 80-120 |  |  |  |
| Styrene                           | 20                        | 1.0 | "    | 20.0                                      | ND | 101  | 80-120 |  |  |  |
| Bromoform                         | 21                        | 1.0 | "    | 20.0                                      | ND | 103  | 80-120 |  |  |  |
| Isopropylbenzene (Cumene)         | 21                        | 1.0 | "    | 20.0                                      | ND | 104  | 80-120 |  |  |  |
| 1,1,2,2-Tetrachloroethane         | 22                        | 1.0 | "    | 20.0                                      | ND | 109  | 80-120 |  |  |  |
| trans-1,4-Dichloro-2-butene       | 19                        | 1.0 | "    | 20.0                                      | ND | 96.0 | 80-120 |  |  |  |
| 1,2,3-Trichloropropane            | 21                        | 1.0 | "    | 20.0                                      | ND | 107  | 80-120 |  |  |  |
| Bromobenzene                      | 21                        | 1.0 | "    | 20.0                                      | ND | 104  | 80-120 |  |  |  |
| n-Propylbenzene                   | 21                        | 1.0 | "    | 20.0                                      | ND | 106  | 80-120 |  |  |  |
| 2-Chlorotoluene                   | 22                        | 1.0 | "    | 20.0                                      | ND | 108  | 80-120 |  |  |  |
| 1,3,5-Trimethylbenzene            | 21                        | 1.0 | "    | 20.0                                      | ND | 103  | 80-120 |  |  |  |
| 4-Chlorotoluene                   | 21                        | 1.0 | "    | 20.0                                      | ND | 105  | 80-120 |  |  |  |
| tert-butyl Benzene                | 20                        | 1.0 | "    | 20.0                                      | ND | 98.2 | 80-120 |  |  |  |
| 1,2,4-Trimethylbenzene            | 21                        | 1.0 | "    | 20.0                                      | ND | 106  | 80-120 |  |  |  |
| sec-butyl Benzene                 | 19                        | 1.0 | "    | 20.0                                      | ND | 94.2 | 80-120 |  |  |  |
| p-Isopropyltoluene                | 18                        | 1.0 | "    | 20.0                                      | ND | 92.0 | 80-120 |  |  |  |
| 1,3-Dichlorobenzene               | 20                        | 1.0 | "    | 20.0                                      | ND | 99.2 | 80-120 |  |  |  |
| 1,4-Dichlorobenzene               | 20                        | 1.0 | "    | 20.0                                      | ND | 101  | 80-120 |  |  |  |
| n-butyl Benzene                   | 19                        | 1.0 | "    | 20.0                                      | ND | 95.0 | 80-120 |  |  |  |
| 1,2-Dichlorobenzene               | 20                        | 1.0 | "    | 20.0                                      | ND | 101  | 80-120 |  |  |  |
| 1,2-Dibromo-3-chloropropane       | 20                        | 1.0 | "    | 20.0                                      | ND | 101  | 80-120 |  |  |  |
| 1,2,4-Trichlorobenzene            | 18                        | 1.0 | "    | 20.0                                      | ND | 91.6 | 80-120 |  |  |  |
| Hexachlorobutadiene               | 20                        | 1.0 | "    | 20.0                                      | ND | 101  | 80-120 |  |  |  |
| Naphthalene                       | 17                        | 1.0 | "    | 20.0                                      | ND | 86.0 | 80-120 |  |  |  |
| 1,2,3-Trichlorobenzene            | 19                        | 1.0 | "    | 20.0                                      | ND | 95.0 | 80-120 |  |  |  |
| Total Trichloroethanes            | 44                        | 1.0 | "    | 40.0                                      | ND | 110  | 80-120 |  |  |  |
| Total Trihalomethanes             | 120                       | 1.0 | "    | 80.0                                      | 28 | 114  | 80-120 |  |  |  |
| Total Xylenes                     | 64                        | 1.0 | "    | 60.0                                      | ND | 107  | 80-120 |  |  |  |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

**Matrix Spike (B9D1134-MS1)** Source: 19D1095-01 Prepared & Analyzed: 09-Apr-19

|                                   |     |  |      |      |  |      |        |  |  |  |
|-----------------------------------|-----|--|------|------|--|------|--------|--|--|--|
| Surrogate: 4-Bromofluorobenzene   | 4.8 |  | ug/L | 5.00 |  | 96.8 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichlorobenzene-d4 | 5.2 |  | "    | 5.00 |  | 105  | 70-130 |  |  |  |

**Matrix Spike Dup (B9D1134-MSD1)** Source: 19D1095-01 Prepared & Analyzed: 09-Apr-19

|                                |    |     |      |      |    |      |        |       |    |  |
|--------------------------------|----|-----|------|------|----|------|--------|-------|----|--|
| Dichlorodifluoromethane        | 20 | 1.0 | ug/L | 20.0 | ND | 99.8 | 80-120 | 0.250 | 20 |  |
| Chloromethane                  | 21 | 1.0 | "    | 20.0 | ND | 104  | 80-120 | 4.54  | 20 |  |
| Vinyl Chloride                 | 21 | 1.0 | "    | 20.0 | ND | 104  | 80-120 | 2.60  | 20 |  |
| Bromomethane                   | 19 | 1.0 | "    | 20.0 | ND | 93.5 | 80-120 | 4.70  | 20 |  |
| Chloroethane                   | 21 | 1.0 | "    | 20.0 | ND | 105  | 80-120 | 1.04  | 20 |  |
| Trichlorofluoromethane         | 22 | 1.0 | "    | 20.0 | ND | 110  | 80-120 | 2.34  | 20 |  |
| Diethyl ether                  | 21 | 1.0 | "    | 20.0 | ND | 106  | 80-120 | 2.97  | 20 |  |
| 1,1-Dichloroethene             | 22 | 1.0 | "    | 20.0 | ND | 110  | 80-120 | 2.39  | 20 |  |
| Carbon Disulfide               | 19 | 1.0 | "    | 20.0 | ND | 95.7 | 80-120 | 2.92  | 20 |  |
| Methylene Chloride             | 18 | 1.0 | "    | 20.0 | ND | 87.9 | 80-120 | 3.58  | 20 |  |
| MTBE (Methyl tert-butyl ether) | 20 | 1.0 | "    | 20.0 | ND | 102  | 80-120 | 1.29  | 20 |  |
| trans-1,2-Dichloroethene       | 20 | 1.0 | "    | 20.0 | ND | 102  | 80-120 | 1.84  | 20 |  |
| 1,1-Dichloroethane             | 21 | 1.0 | "    | 20.0 | ND | 104  | 80-120 | 3.03  | 20 |  |
| 2,2-Dichloropropane            | 20 | 1.0 | "    | 20.0 | ND | 98.8 | 80-120 | 1.01  | 20 |  |
| cis-1,2-Dichloroethene         | 22 | 1.0 | "    | 20.0 | ND | 108  | 80-120 | 0.781 | 20 |  |
| Bromochloromethane             | 21 | 1.0 | "    | 20.0 | ND | 105  | 80-120 | 3.17  | 20 |  |
| Chloroform                     | 42 | 1.0 | "    | 20.0 | 18 | 116  | 80-120 | 3.98  | 20 |  |
| 1,2-Dichloroethane             | 22 | 1.0 | "    | 20.0 | ND | 110  | 80-120 | 0.961 | 20 |  |
| 1,1,1-Trichloroethane          | 22 | 1.0 | "    | 20.0 | ND | 110  | 80-120 | 0.641 | 20 |  |
| Methyl Acrylate                | 22 | 1.0 | "    | 20.0 | ND | 111  | 80-120 | 2.97  | 20 |  |
| Tetrahydrofuran                | 24 | 1.0 | "    | 20.0 | ND | 118  | 80-120 | 7.60  | 20 |  |
| Carbon Tetrachloride           | 22 | 1.0 | "    | 20.0 | ND | 111  | 80-120 | 0.807 | 20 |  |
| 1,1-Dichloropropene            | 21 | 1.0 | "    | 20.0 | ND | 105  | 80-120 | 0.662 | 20 |  |
| Benzene                        | 21 | 1.0 | "    | 20.0 | ND | 107  | 80-120 | 1.39  | 20 |  |
| Trichloroethene                | 21 | 1.0 | "    | 20.0 | ND | 103  | 80-120 | 3.43  | 20 |  |
| 1,2-Dichloropropane            | 21 | 1.0 | "    | 20.0 | ND | 106  | 80-120 | 0.802 | 20 |  |
| Methyl methacrylate            | 22 | 1.0 | "    | 20.0 | ND | 112  | 80-120 | 1.57  | 20 |  |
| Dibromomethane                 | 23 | 1.0 | "    | 20.0 | ND | 116  | 80-120 | 0.691 | 20 |  |

Envirodyne Laboratories, Inc.

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*Monica Smith*

Monica Smith, Client Services Representative



Envirodyne Laboratories, Inc  
 11011 Brooklet Dr., # 230  
 Houston, TX 77099  
 281.568.7880 Phone  
 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

| Matrix Spike Dup (B9D1134-MSD1) | Source: 19D1095-01 |     |      | Prepared & Analyzed: 09-Apr-19 |     |      |        |       |    |   |
|---------------------------------|--------------------|-----|------|--------------------------------|-----|------|--------|-------|----|---|
| Bromodichloromethane            | 32                 | 1.0 | ug/L | 20.0                           | 7.1 | 127  | 80-120 | 1.47  | 20 | Q |
| cis-1,3-Dichloropropene         | 23                 | 1.0 | "    | 20.0                           | ND  | 113  | 80-120 | 2.33  | 20 |   |
| trans-1,3-Dichloropropene       | 22                 | 1.0 | "    | 20.0                           | ND  | 110  | 80-120 | 3.08  | 20 |   |
| 1,1,2-Trichloroethane           | 23                 | 1.0 | "    | 20.0                           | ND  | 113  | 80-120 | 1.93  | 20 |   |
| Dibromochloromethane            | 23                 | 1.0 | "    | 20.0                           | 2.3 | 103  | 80-120 | 2.20  | 20 |   |
| 1,2-Dibromoethane               | 23                 | 1.0 | "    | 20.0                           | ND  | 114  | 80-120 | 0.352 | 20 |   |
| Toluene                         | 20                 | 1.0 | "    | 20.0                           | ND  | 102  | 80-120 | 1.80  | 20 |   |
| Tetrachloroethene               | 23                 | 1.0 | "    | 20.0                           | ND  | 113  | 80-120 | 4.47  | 20 |   |
| 1,3-Dichloropropane             | 22                 | 1.0 | "    | 20.0                           | ND  | 110  | 80-120 | 0.903 | 20 |   |
| Chlorobenzene                   | 20                 | 1.0 | "    | 20.0                           | ND  | 102  | 80-120 | 0.731 | 20 |   |
| 1,1,1,2-Tetrachloroethane       | 24                 | 1.0 | "    | 20.0                           | ND  | 121  | 80-120 | 3.62  | 20 | Q |
| Ethylbenzene                    | 22                 | 1.0 | "    | 20.0                           | ND  | 110  | 80-120 | 0.822 | 20 |   |
| m,p-Xylene                      | 44                 | 1.0 | "    | 40.0                           | ND  | 110  | 80-120 | 2.74  | 20 |   |
| o-Xylene                        | 22                 | 1.0 | "    | 20.0                           | ND  | 109  | 80-120 | 2.70  | 20 |   |
| Styrene                         | 20                 | 1.0 | "    | 20.0                           | ND  | 101  | 80-120 | 0.544 | 20 |   |
| Bromoform                       | 21                 | 1.0 | "    | 20.0                           | ND  | 106  | 80-120 | 2.49  | 20 |   |
| Isopropylbenzene (Cumene)       | 22                 | 1.0 | "    | 20.0                           | ND  | 108  | 80-120 | 3.62  | 20 |   |
| 1,1,2,2-Tetrachloroethane       | 22                 | 1.0 | "    | 20.0                           | ND  | 111  | 80-120 | 1.99  | 20 |   |
| trans-1,4-Dichloro-2-butene     | 20                 | 1.0 | "    | 20.0                           | ND  | 99.4 | 80-120 | 3.48  | 20 |   |
| 1,2,3-Trichloropropane          | 22                 | 1.0 | "    | 20.0                           | ND  | 108  | 80-120 | 0.981 | 20 |   |
| Bromobenzene                    | 21                 | 1.0 | "    | 20.0                           | ND  | 106  | 80-120 | 2.62  | 20 |   |
| n-Propylbenzene                 | 22                 | 1.0 | "    | 20.0                           | ND  | 112  | 80-120 | 4.95  | 20 |   |
| 2-Chlorotoluene                 | 22                 | 1.0 | "    | 20.0                           | ND  | 112  | 80-120 | 3.31  | 20 |   |
| 1,3,5-Trimethylbenzene          | 22                 | 1.0 | "    | 20.0                           | ND  | 110  | 80-120 | 6.89  | 20 |   |
| 4-Chlorotoluene                 | 22                 | 1.0 | "    | 20.0                           | ND  | 108  | 80-120 | 3.33  | 20 |   |
| tert-butyl Benzene              | 21                 | 1.0 | "    | 20.0                           | ND  | 104  | 80-120 | 6.12  | 20 |   |
| 1,2,4-Trimethylbenzene          | 23                 | 1.0 | "    | 20.0                           | ND  | 113  | 80-120 | 6.17  | 20 |   |
| sec-butyl Benzene               | 20                 | 1.0 | "    | 20.0                           | ND  | 101  | 80-120 | 6.91  | 20 |   |
| p-Isopropyltoluene              | 20                 | 1.0 | "    | 20.0                           | ND  | 100  | 80-120 | 8.48  | 20 |   |
| 1,3-Dichlorobenzene             | 21                 | 1.0 | "    | 20.0                           | ND  | 105  | 80-120 | 5.59  | 20 |   |
| 1,4-Dichlorobenzene             | 21                 | 1.0 | "    | 20.0                           | ND  | 104  | 80-120 | 3.80  | 20 |   |
| n-butyl Benzene                 | 20                 | 1.0 | "    | 20.0                           | ND  | 102  | 80-120 | 7.55  | 20 |   |

Envirodyne Laboratories, Inc.

Monica Smith, Client Services Representative

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
 11-Apr-19 12:10

**Volatile Organic Compounds by EPA 524.2 - Quality Control**  
**Envirodyne Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9D1134 - Organics**

| <b>Matrix Spike Dup (B9D1134-MSD1)</b> | <b>Source: 19D1095-01</b> |     |      | <b>Prepared &amp; Analyzed: 09-Apr-19</b> |    |      |        |       |    |  |
|--|---------------------------|-----|------|---|----|------|--------|-------|----|--|
| 1,2-Dichlorobenzene                    | 21                        | 1.0 | ug/L | 20.0                                      | ND | 104  | 80-120 | 3.13  | 20 |  |
| 1,2-Dibromo-3-chloropropane            | 21                        | 1.0 | "    | 20.0                                      | ND | 107  | 80-120 | 6.10  | 20 |  |
| 1,2,4-Trichlorobenzene                 | 21                        | 1.0 | "    | 20.0                                      | ND | 103  | 80-120 | 11.5  | 20 |  |
| Hexachlorobutadiene                    | 20                        | 1.0 | "    | 20.0                                      | ND | 101  | 80-120 | 0.297 | 20 |  |
| Naphthalene                            | 20                        | 1.0 | "    | 20.0                                      | ND | 102  | 80-120 | 17.1  | 20 |  |
| 1,2,3-Trichlorobenzene                 | 23                        | 1.0 | "    | 20.0                                      | ND | 117  | 80-120 | 20.7  | 20 |  |
| Total Trichloroethanes                 | 44                        | 1.0 | "    | 40.0                                      | ND | 111  | 80-120 | 1.29  | 20 |  |
| Total Trihalomethanes                  | 120                       | 1.0 | "    | 80.0                                      | 28 | 113  | 80-120 | 0.969 | 20 |  |
| Total Xylenes                          | 660                       | 1.0 | "    | 60.0                                      | ND | NR   | 80-120 | 164   | 20 |  |
| Surrogate: 4-Bromofluorobenzene        | 4.8                       |     | "    | 5.00                                      |    | 95.6 | 70-130 |       |    |  |
| Surrogate: 1,2-Dichlorobenzene-d4      | 5.2                       |     | "    | 5.00                                      |    | 105  | 70-130 |       |    |  |

Envirodyne Laboratories, Inc.

Monica Smith, Client Services Representative

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D1095

**Reported:**  
11-Apr-19 12:10

### Notes and Definitions

Q QC did not meet ELI acceptance criteria  
DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference  
CLT Client Representative

Envirodyne Laboratories, Inc.

A handwritten signature in blue ink that reads "Monica Smith". The signature is written in a cursive, flowing style.

Monica Smith, Client Services Representative

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19D1095

Envirodyne Laboratories, Inc.  
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Houston, Texas 77099-3543  
Phone (281)568-7880 - Fax (281)568-8004

E A245846

Page \_\_\_\_\_ Of \_\_\_\_\_

TCEQ Certification # T104704265

Name: Deer Park City of  
Address: 2117 East X Street  
City: Deer Park, TX 77536  
Contact: Nichloas Cook  
Phone: 832-421-7387 Fax:

### Analysis Request and Chain of Custody Record

| Project No. |                                  | Client/Project    |      |      |                               |                                    | pH           | D.O.               | Temp. | Analysis Time |
|-------------|----------------------------------|-------------------|------|------|-------------------------------|------------------------------------|--------------|--------------------|-------|---------------|
|             |                                  | ITC - Water Check |      |      |                               |                                    |              |                    |       |               |
| Lab ID No.  | Field Sample No./ Identification | Date & Time       | Grab | Comp | Sample Container (Size/Mat'l) | Sample Type (Liquid, Sludge, etc.) | Preservative | ANALYSIS REQUESTED |       |               |
|             | Raw Water                        | 4/5/19<br>0920    |      |      | (3) 40ml<br>VOA               | Liquid                             | Ice          | VOC 524.2          | -     |               |
|             | Finished Water                   | 4/5/19<br>0911    |      |      | (3) 40ml<br>VOA               | Liquid                             | Ice          | VOC 524.2          | -     |               |
|             | Trip Blank                       |                   |      |      | (2) 40ml<br>VOA               | Liquid                             | Ice          | VOC 524.2          |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |
|             |                                  |                   |      |      |                               |                                    |              |                    |       |               |

|  |  |   |   |  |                |
|--|--|---|---|--|----------------|
| Samplers: (Signature)<br><b>FRANK T WALKER</b> | Relinquished by:<br>(Signature) <b>FRANK T WALKER</b>  | Date: <b>4/5/19</b><br>Time: <b>1210</b>      | Received by:<br>(Signature) <b>R. MORTON</b>                            | Date: <b>4-5-19</b><br>Time: <b>1210</b> | Seal Intact?   |
| Affiliation                                    | Relinquished by:<br>(Signature)  | Date:<br>Time:                                | Received by:<br>(Signature)   | Date:<br>Time:                           | Seal Intact?   |
|  | Relinquished by:<br>(Signature) <b>R. MORTON</b>   | Date: <b>4-5-19</b><br>Time: <b>1250</b>      | Received by Lab:<br>(Signature) <b>[Signature]</b>                      | Date: <b>4/5/19</b><br>Time: <b>1250</b> | Seal Intact?   |
| Remarks:                                       | FLOW: _____<br>Meter Reading: _____<br>Cl <sub>2</sub> Residual: _____<br>Mn Correction: _____<br>Cl <sub>2</sub> Corrected: _____ | Arrival Temp.<br><b>5.04.2</b><br><b>1R#4</b> | Data Results To:<br>1.<br>Site Representative:<br><b>FRANK T WALKER</b> | Date: <b>4/5/19</b><br>Time: <b>1210</b> | Laboratory No. |