



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

26 March 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 25-Mar-19 13:40. 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 33

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

Sincerely,



DRAFT REPORT  
DATA SUBJECT TO CHANGE

Certificate No: T104704265-18-14



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:** 19C2992

**Reported:**  
26-Mar-19 15:34

#### ANALYTICAL REPORT FOR SAMPLES

| Sample ID      | Laboratory ID | Matrix | Date Sampled    | Date Received   |
|----------------|---------------|--------|-----------------|-----------------|
| Raw Water      | 19C2992-01    | Water  | 24-Mar-19 11:07 | 25-Mar-19 13:40 |
| Finished Water | 19C2992-02    | Water  | 24-Mar-19 11:37 | 25-Mar-19 13:40 |
| Trip Blank     | 19C2992-03    | Water  | 24-Mar-19 11:28 | 25-Mar-19 13:40 |

3/26 Volatiles

C=Bromoform was bias low in the Continuing Calibration(CCV), Blank Spike(LCS), and Blank Spike Dup(LCSD). Results reported are Estimated value(E). Bromoform was not detected in the samples.

Chloromethane, Bromomethane, and Chloroethane were bias high in the Blank Spike(LCS) and Blank Spike Dup(LCSD). Compounds were not detected in the samples.

DRAFT REPORT

*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.*

DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 2 of 34



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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**Raw Water**  
**19C2992-01 (Water) Sampled: 24-Mar-19 11:07**

| 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 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Chloromethane                  | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC | Q |
| Vinyl Chloride                 | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Bromomethane                   | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC | Q |
| Chloroethane                   | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC | Q |
| Trichlorofluoromethane         | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Diethyl ether                  | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,1-Dichloroethene             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Carbon Disulfide               | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Methylene Chloride             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| MTBE (Methyl tert-butyl ether) | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| trans-1,2-Dichloroethene       | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,1-Dichloroethane             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 2,2-Dichloropropane            | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| cis-1,2-Dichloroethene         | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Bromochloromethane             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| <b>Chloroform</b>              | <b>16</b>  | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,2-Dichloroethane             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,1,1-Trichloroethane          | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Methyl Acrylate                | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Tetrahydrofuran                | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Carbon Tetrachloride           | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,1-Dichloropropene            | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Benzene                        | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Trichloroethene                | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,2-Dichloropropane            | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Methyl methacrylate            | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Dibromomethane                 | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| <b>Bromodichloromethane</b>    | <b>4.6</b> | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| cis-1,3-Dichloropropene        | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**Raw Water**  
**19C2992-01 (Water) Sampled: 24-Mar-19 11:07**

| 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 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,1,2-Trichloroethane       | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Dibromochloromethane        | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,2-Dibromoethane           | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Toluene                     | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Tetrachloroethene           | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,3-Dichloropropane         | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Chlorobenzene               | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,1,1,2-Tetrachloroethane   | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Ethylbenzene                | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| m,p-Xylene                  | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| o-Xylene                    | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Styrene                     | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Bromoform                   | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC | C |
| Isopropylbenzene (Cumene)   | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,1,2,2-Tetrachloroethane   | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| trans-1,4-Dichloro-2-butene | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,2,3-Trichloropropane      | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| Bromobenzene                | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| n-Propylbenzene             | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 2-Chlorotoluene             | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,3,5-Trimethylbenzene      | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 4-Chlorotoluene             | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| tert-butyl Benzene          | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,2,4-Trimethylbenzene      | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| sec-butyl Benzene           | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| p-Isopropyltoluene          | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,3-Dichlorobenzene         | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| 1,4-Dichlorobenzene         | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |
| n-butyl Benzene             | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |   |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**Raw Water**  
**19C2992-01 (Water) Sampled: 24-Mar-19 11:07**

| 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      | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| 1,2-Dibromo-3-chloropropane              | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| 1,2,4-Trichlorobenzene                   | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| Hexachlorobutadiene                      | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| Naphthalene                              | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| 1,2,3-Trichlorobenzene                   | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| Total Trichloroethanes                   | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| <b>Total Trihalomethanes</b>             | <b>21</b> | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| Total Xylenes                            | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>   |           | 90.0 % |      | 70-130 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> |           | 85.8 % |      | 70-130 | B9C3207 | 26-Mar-19 | 26-Mar-19 11:37 | EPA 524.2 | BPC |  |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**Finished Water**  
**19C2992-02 (Water) Sampled: 24-Mar-19 11:37**

| 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 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Chloromethane                  | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC | Q |
| Vinyl Chloride                 | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Bromomethane                   | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC | Q |
| Chloroethane                   | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC | Q |
| Trichlorofluoromethane         | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Diethyl ether                  | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,1-Dichloroethene             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Carbon Disulfide               | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Methylene Chloride             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| MTBE (Methyl tert-butyl ether) | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| trans-1,2-Dichloroethene       | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,1-Dichloroethane             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 2,2-Dichloropropane            | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| cis-1,2-Dichloroethene         | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Bromochloromethane             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| <b>Chloroform</b>              | <b>16</b>  | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,2-Dichloroethane             | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,1,1-Trichloroethane          | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Methyl Acrylate                | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Tetrahydrofuran                | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Carbon Tetrachloride           | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,1-Dichloropropene            | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Benzene                        | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Trichloroethene                | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,2-Dichloropropane            | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Methyl methacrylate            | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Dibromomethane                 | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| <b>Bromodichloromethane</b>    | <b>5.1</b> | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| cis-1,3-Dichloropropene        | <1.0       | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**Finished Water**  
**19C2992-02 (Water) Sampled: 24-Mar-19 11:37**

| 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 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,1,2-Trichloroethane       | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Dibromochloromethane        | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,2-Dibromoethane           | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Toluene                     | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Tetrachloroethene           | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,3-Dichloropropane         | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Chlorobenzene               | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,1,1,2-Tetrachloroethane   | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Ethylbenzene                | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| m,p-Xylene                  | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| o-Xylene                    | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Styrene                     | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Bromoform                   | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC | C |
| Isopropylbenzene (Cumene)   | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,1,2,2-Tetrachloroethane   | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| trans-1,4-Dichloro-2-butene | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,2,3-Trichloropropane      | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| Bromobenzene                | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| n-Propylbenzene             | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 2-Chlorotoluene             | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,3,5-Trimethylbenzene      | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 4-Chlorotoluene             | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| tert-butyl Benzene          | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,2,4-Trimethylbenzene      | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| sec-butyl Benzene           | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| p-Isopropyltoluene          | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,3-Dichlorobenzene         | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| 1,4-Dichlorobenzene         | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |
| n-butyl Benzene             | <1.0 | 1.0 | ug/L | 1 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |   |

DRAFT REPORT

*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.*



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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**Finished Water**  
**19C2992-02 (Water) Sampled: 24-Mar-19 11:37**

| 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      | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| 1,2-Dibromo-3-chloropropane              | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| 1,2,4-Trichlorobenzene                   | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| Hexachlorobutadiene                      | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| Naphthalene                              | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| 1,2,3-Trichlorobenzene                   | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| Total Trichloroethanes                   | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| <b>Total Trihalomethanes</b>             | <b>21</b> | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| Total Xylenes                            | <1.0      | 1.0    | ug/L | 1      | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>   |           | 90.0 % |      | 70-130 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> |           | 82.8 % |      | 70-130 | B9C3207 | 26-Mar-19 | 26-Mar-19 12:03 | EPA 524.2 | BPC |  |

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**Trip Blank**  
**19C2992-03 (Water) Sampled: 24-Mar-19 11:28**

| 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 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Chloromethane                  | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Vinyl Chloride                 | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Bromomethane                   | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Chloroethane                   | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Trichlorofluoromethane         | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Diethyl ether                  | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,1-Dichloroethene             | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Carbon Disulfide               | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Methylene Chloride             | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| MTBE (Methyl tert-butyl ether) | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| trans-1,2-Dichloroethene       | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,1-Dichloroethane             | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 2,2-Dichloropropane            | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| cis-1,2-Dichloroethene         | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Bromochloromethane             | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Chloroform                     | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,2-Dichloroethane             | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,1,1-Trichloroethane          | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Methyl Acrylate                | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Tetrahydrofuran                | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Carbon Tetrachloride           | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,1-Dichloropropene            | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Benzene                        | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Trichloroethene                | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,2-Dichloropropane            | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Methyl methacrylate            | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Dibromomethane                 | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Bromodichloromethane           | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| cis-1,3-Dichloropropene        | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**Trip Blank**  
**19C2992-03 (Water) Sampled: 24-Mar-19 11:28**

| 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 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,1,2-Trichloroethane       | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Dibromochloromethane        | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,2-Dibromoethane           | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Toluene                     | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Tetrachloroethene           | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,3-Dichloropropane         | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Chlorobenzene               | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,1,1,2-Tetrachloroethane   | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Ethylbenzene                | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| m,p-Xylene                  | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| o-Xylene                    | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Styrene                     | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Bromoform                   | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Isopropylbenzene (Cumene)   | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,1,2,2-Tetrachloroethane   | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| trans-1,4-Dichloro-2-butene | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,2,3-Trichloropropane      | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Bromobenzene                | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| n-Propylbenzene             | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 2-Chlorotoluene             | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,3,5-Trimethylbenzene      | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 4-Chlorotoluene             | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| tert-butyl Benzene          | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,2,4-Trimethylbenzene      | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| sec-butyl Benzene           | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| p-Isopropyltoluene          | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,3-Dichlorobenzene         | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,4-Dichlorobenzene         | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| n-butyl Benzene             | <1.0 | 1.0 | ug/L | 1 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |

DRAFT REPORT

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**Trip Blank**  
**19C2992-03 (Water) Sampled: 24-Mar-19 11:28**

| 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      | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,2-Dibromo-3-chloropropane              | <1.0 | 1.0    | ug/L | 1      | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,2,4-Trichlorobenzene                   | <1.0 | 1.0    | ug/L | 1      | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Hexachlorobutadiene                      | <1.0 | 1.0    | ug/L | 1      | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Naphthalene                              | <1.0 | 1.0    | ug/L | 1      | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| 1,2,3-Trichlorobenzene                   | <1.0 | 1.0    | ug/L | 1      | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Total Trichloroethanes                   | <1.0 | 1.0    | ug/L | 1      | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Total Trihalomethanes                    | <1.0 | 1.0    | ug/L | 1      | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| Total Xylenes                            | <1.0 | 1.0    | ug/L | 1      | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>   |      | 89.4 % |      | 70-130 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> |      | 87.4 % |      | 70-130 | B9C3137 | 26-Mar-19 | 26-Mar-19 02:53 | EPA 524.2 | BPC |  |

DRAFT REPORT

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 |
|---------------------------------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch B9C3137 - Organics</b> |        |                 |       |             |               |      |             |     |           |       |
| <b>Blank (B9C3137-BLK1)</b>     |        |                 |       |             |               |      |             |     |           |       |
| Prepared & Analyzed: 25-Mar-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             | "     |             |               |      |             |     |           |       |

DRAFT REPORT

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3137 - Organics**

**Blank (B9C3137-BLK1)**

Prepared & Analyzed: 25-Mar-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 | "    |  |  |  |  |  |  |  |

DRAFT REPORT

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 Houston, TX 77099  
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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3137 - Organics**

**Blank (B9C3137-BLK1)**

Prepared & Analyzed: 25-Mar-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>   | 4.8  |     | "    | 5.00 |  | 96.0 | 70-130 |  |  |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> | 4.5  |     | "    | 5.00 |  | 89.6 | 70-130 |  |  |  |

**LCS (B9C3137-BS1)**

Prepared & Analyzed: 25-Mar-19

|                                |    |     |      |      |  |      |        |  |  |  |
|--------------------------------|----|-----|------|------|--|------|--------|--|--|--|
| Dichlorodifluoromethane        | 19 | 1.0 | ug/L | 20.0 |  | 95.6 | 80-120 |  |  |  |
| Chloromethane                  | 20 | 1.0 | "    | 20.0 |  | 99.7 | 80-120 |  |  |  |
| Vinyl Chloride                 | 20 | 1.0 | "    | 20.0 |  | 102  | 80-120 |  |  |  |
| Bromomethane                   | 21 | 1.0 | "    | 20.0 |  | 107  | 80-120 |  |  |  |
| Chloroethane                   | 21 | 1.0 | "    | 20.0 |  | 107  | 80-120 |  |  |  |
| Trichlorofluoromethane         | 20 | 1.0 | "    | 20.0 |  | 100  | 80-120 |  |  |  |
| Diethyl ether                  | 20 | 1.0 | "    | 20.0 |  | 98.8 | 80-120 |  |  |  |
| 1,1-Dichloroethene             | 20 | 1.0 | "    | 20.0 |  | 98.6 | 80-120 |  |  |  |
| Carbon Disulfide               | 18 | 1.0 | "    | 20.0 |  | 89.6 | 80-120 |  |  |  |
| Methylene Chloride             | 18 | 1.0 | "    | 20.0 |  | 92.2 | 80-120 |  |  |  |
| MTBE (Methyl tert-butyl ether) | 20 | 1.0 | "    | 20.0 |  | 99.1 | 80-120 |  |  |  |
| trans-1,2-Dichloroethene       | 18 | 1.0 | "    | 20.0 |  | 92.0 | 80-120 |  |  |  |
| 1,1-Dichloroethane             | 19 | 1.0 | "    | 20.0 |  | 94.6 | 80-120 |  |  |  |
| 2,2-Dichloropropane            | 19 | 1.0 | "    | 20.0 |  | 93.3 | 80-120 |  |  |  |
| cis-1,2-Dichloroethene         | 19 | 1.0 | "    | 20.0 |  | 95.2 | 80-120 |  |  |  |
| Bromochloromethane             | 19 | 1.0 | "    | 20.0 |  | 96.5 | 80-120 |  |  |  |
| Chloroform                     | 18 | 1.0 | "    | 20.0 |  | 91.9 | 80-120 |  |  |  |
| 1,2-Dichloroethane             | 20 | 1.0 | "    | 20.0 |  | 97.8 | 80-120 |  |  |  |
| 1,1,1-Trichloroethane          | 19 | 1.0 | "    | 20.0 |  | 96.0 | 80-120 |  |  |  |
| Methyl Acrylate                | 20 | 1.0 | "    | 20.0 |  | 98.9 | 80-120 |  |  |  |
| Tetrahydrofuran                | 20 | 1.0 | "    | 20.0 |  | 99.4 | 80-120 |  |  |  |
| Carbon Tetrachloride           | 19 | 1.0 | "    | 20.0 |  | 94.6 | 80-120 |  |  |  |
| 1,1-Dichloropropene            | 20 | 1.0 | "    | 20.0 |  | 97.5 | 80-120 |  |  |  |

DRAFT REPORT

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 Houston, TX 77099  
 281.568.7880 Phone  
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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3137 - Organics**

**LCS (B9C3137-BS1)**

Prepared & Analyzed: 25-Mar-19

|                             |    |     |      |      |  |      |        |  |  |  |
|-----------------------------|----|-----|------|------|--|------|--------|--|--|--|
| Benzene                     | 19 | 1.0 | ug/L | 20.0 |  | 96.0 | 80-120 |  |  |  |
| Trichloroethene             | 19 | 1.0 | "    | 20.0 |  | 95.6 | 80-120 |  |  |  |
| 1,2-Dichloropropane         | 19 | 1.0 | "    | 20.0 |  | 94.6 | 80-120 |  |  |  |
| Methyl methacrylate         | 19 | 1.0 | "    | 20.0 |  | 93.3 | 80-120 |  |  |  |
| Dibromomethane              | 19 | 1.0 | "    | 20.0 |  | 93.4 | 80-120 |  |  |  |
| Bromodichloromethane        | 19 | 1.0 | "    | 20.0 |  | 96.6 | 80-120 |  |  |  |
| cis-1,3-Dichloropropene     | 20 | 1.0 | "    | 20.0 |  | 98.9 | 80-120 |  |  |  |
| trans-1,3-Dichloropropene   | 19 | 1.0 | "    | 20.0 |  | 94.8 | 80-120 |  |  |  |
| 1,1,2-Trichloroethane       | 19 | 1.0 | "    | 20.0 |  | 95.9 | 80-120 |  |  |  |
| Dibromochloromethane        | 19 | 1.0 | "    | 20.0 |  | 93.6 | 80-120 |  |  |  |
| 1,2-Dibromoethane           | 20 | 1.0 | "    | 20.0 |  | 98.4 | 80-120 |  |  |  |
| Toluene                     | 18 | 1.0 | "    | 20.0 |  | 91.0 | 80-120 |  |  |  |
| Tetrachloroethene           | 20 | 1.0 | "    | 20.0 |  | 98.5 | 80-120 |  |  |  |
| 1,3-Dichloropropane         | 20 | 1.0 | "    | 20.0 |  | 98.3 | 80-120 |  |  |  |
| Chlorobenzene               | 18 | 1.0 | "    | 20.0 |  | 88.9 | 80-120 |  |  |  |
| 1,1,1,2-Tetrachloroethane   | 19 | 1.0 | "    | 20.0 |  | 95.8 | 80-120 |  |  |  |
| Ethylbenzene                | 19 | 1.0 | "    | 20.0 |  | 96.8 | 80-120 |  |  |  |
| m,p-Xylene                  | 36 | 1.0 | "    | 40.0 |  | 90.3 | 80-120 |  |  |  |
| o-Xylene                    | 19 | 1.0 | "    | 20.0 |  | 95.0 | 80-120 |  |  |  |
| Styrene                     | 18 | 1.0 | "    | 20.0 |  | 91.8 | 80-120 |  |  |  |
| Bromoform                   | 18 | 1.0 | "    | 20.0 |  | 89.9 | 80-120 |  |  |  |
| Isopropylbenzene (Cumene)   | 20 | 1.0 | "    | 20.0 |  | 99.4 | 80-120 |  |  |  |
| 1,1,2,2-Tetrachloroethane   | 19 | 1.0 | "    | 20.0 |  | 92.9 | 80-120 |  |  |  |
| trans-1,4-Dichloro-2-butene | 18 | 1.0 | "    | 20.0 |  | 87.8 | 80-120 |  |  |  |
| 1,2,3-Trichloropropane      | 19 | 1.0 | "    | 20.0 |  | 93.0 | 80-120 |  |  |  |
| Bromobenzene                | 19 | 1.0 | "    | 20.0 |  | 96.0 | 80-120 |  |  |  |
| n-Propylbenzene             | 19 | 1.0 | "    | 20.0 |  | 97.4 | 80-120 |  |  |  |
| 2-Chlorotoluene             | 19 | 1.0 | "    | 20.0 |  | 96.2 | 80-120 |  |  |  |
| 1,3,5-Trimethylbenzene      | 20 | 1.0 | "    | 20.0 |  | 97.8 | 80-120 |  |  |  |
| 4-Chlorotoluene             | 19 | 1.0 | "    | 20.0 |  | 94.8 | 80-120 |  |  |  |
| tert-butyl Benzene          | 19 | 1.0 | "    | 20.0 |  | 94.8 | 80-120 |  |  |  |
| 1,2,4-Trimethylbenzene      | 19 | 1.0 | "    | 20.0 |  | 96.2 | 80-120 |  |  |  |

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3137 - Organics**

| <b>LCS (B9C3137-BS1)</b>                 |     | Prepared & Analyzed: 25-Mar-19 |      |      |  |      |        |  |  |  |
|--|-----|--------------------------------|------|------|--|------|--------|--|--|--|
| sec-butyl Benzene                        | 18  | 1.0                            | ug/L | 20.0 |  | 91.1 | 80-120 |  |  |  |
| p-Isopropyltoluene                       | 19  | 1.0                            | "    | 20.0 |  | 95.8 | 80-120 |  |  |  |
| 1,3-Dichlorobenzene                      | 19  | 1.0                            | "    | 20.0 |  | 93.6 | 80-120 |  |  |  |
| 1,4-Dichlorobenzene                      | 19  | 1.0                            | "    | 20.0 |  | 94.4 | 80-120 |  |  |  |
| n-butyl Benzene                          | 19  | 1.0                            | "    | 20.0 |  | 96.6 | 80-120 |  |  |  |
| 1,2-Dichlorobenzene                      | 19  | 1.0                            | "    | 20.0 |  | 94.5 | 80-120 |  |  |  |
| 1,2-Dibromo-3-chloropropane              | 19  | 1.0                            | "    | 20.0 |  | 94.6 | 80-120 |  |  |  |
| 1,2,4-Trichlorobenzene                   | 20  | 1.0                            | "    | 20.0 |  | 99.0 | 80-120 |  |  |  |
| Hexachlorobutadiene                      | 19  | 1.0                            | "    | 20.0 |  | 93.0 | 80-120 |  |  |  |
| Naphthalene                              | 19  | 1.0                            | "    | 20.0 |  | 94.5 | 80-120 |  |  |  |
| 1,2,3-Trichlorobenzene                   | 19  | 1.0                            | "    | 20.0 |  | 93.0 | 80-120 |  |  |  |
| Total Trichloroethanes                   | 38  | 1.0                            | "    | 40.0 |  | 96.0 | 80-120 |  |  |  |
| Total Trihalomethanes                    | 74  | 1.0                            | "    | 80.0 |  | 93.0 | 80-120 |  |  |  |
| Total Xylenes                            | 55  | 1.0                            | "    | 60.0 |  | 91.8 | 80-120 |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>   | 5.0 |                                | "    | 5.00 |  | 101  | 70-130 |  |  |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> | 4.9 |                                | "    | 5.00 |  | 98.2 | 70-130 |  |  |  |

| <b>LCS Dup (B9C3137-BSD1)</b>  |    | Prepared & Analyzed: 25-Mar-19 |      |      |  |      |        |       |    |  |
|--------------------------------|----|--------------------------------|------|------|--|------|--------|-------|----|--|
| Dichlorodifluoromethane        | 19 | 1.0                            | ug/L | 20.0 |  | 96.6 | 80-120 | 1.04  | 20 |  |
| Chloromethane                  | 21 | 1.0                            | "    | 20.0 |  | 104  | 80-120 | 3.98  | 20 |  |
| Vinyl Chloride                 | 21 | 1.0                            | "    | 20.0 |  | 105  | 80-120 | 3.13  | 20 |  |
| Bromomethane                   | 23 | 1.0                            | "    | 20.0 |  | 114  | 80-120 | 6.06  | 20 |  |
| Chloroethane                   | 21 | 1.0                            | "    | 20.0 |  | 107  | 80-120 | 0.00  | 20 |  |
| Trichlorofluoromethane         | 20 | 1.0                            | "    | 20.0 |  | 102  | 80-120 | 1.53  | 20 |  |
| Diethyl ether                  | 20 | 1.0                            | "    | 20.0 |  | 98.4 | 80-120 | 0.507 | 20 |  |
| 1,1-Dichloroethene             | 20 | 1.0                            | "    | 20.0 |  | 99.2 | 80-120 | 0.708 | 20 |  |
| Carbon Disulfide               | 18 | 1.0                            | "    | 20.0 |  | 91.6 | 80-120 | 2.21  | 20 |  |
| Methylene Chloride             | 19 | 1.0                            | "    | 20.0 |  | 93.9 | 80-120 | 1.77  | 20 |  |
| MTBE (Methyl tert-butyl ether) | 20 | 1.0                            | "    | 20.0 |  | 101  | 80-120 | 1.75  | 20 |  |
| trans-1,2-Dichloroethene       | 19 | 1.0                            | "    | 20.0 |  | 95.6 | 80-120 | 3.78  | 20 |  |
| 1,1-Dichloroethane             | 19 | 1.0                            | "    | 20.0 |  | 97.2 | 80-120 | 2.82  | 20 |  |
| 2,2-Dichloropropane            | 19 | 1.0                            | "    | 20.0 |  | 94.7 | 80-120 | 1.49  | 20 |  |

DRAFT REPORT

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3137 - Organics**

| <b>LCS Dup (B9C3137-BSD1)</b> | <b>Prepared &amp; Analyzed: 25-Mar-19</b> |     |      |      |  |      |        |       |    |  |
|-------------------------------|---|-----|------|------|--|------|--------|-------|----|--|
| cis-1,2-Dichloroethene        | 20  | 1.0 | ug/L | 20.0 |  | 98.3 | 80-120 | 3.15  | 20 |  |
| Bromochloromethane            | 19  | 1.0 | "    | 20.0 |  | 93.0 | 80-120 | 3.69  | 20 |  |
| Chloroform                    | 19  | 1.0 | "    | 20.0 |  | 95.6 | 80-120 | 4.00  | 20 |  |
| 1,2-Dichloroethane            | 20  | 1.0 | "    | 20.0 |  | 99.4 | 80-120 | 1.67  | 20 |  |
| 1,1,1-Trichloroethane         | 19  | 1.0 | "    | 20.0 |  | 97.2 | 80-120 | 1.19  | 20 |  |
| Methyl Acrylate               | 20  | 1.0 | "    | 20.0 |  | 98.6 | 80-120 | 0.355 | 20 |  |
| Tetrahydrofuran               | 21  | 1.0 | "    | 20.0 |  | 103  | 80-120 | 3.61  | 20 |  |
| Carbon Tetrachloride          | 20  | 1.0 | "    | 20.0 |  | 98.2 | 80-120 | 3.73  | 20 |  |
| 1,1-Dichloropropene           | 21  | 1.0 | "    | 20.0 |  | 103  | 80-120 | 5.78  | 20 |  |
| Benzene                       | 20  | 1.0 | "    | 20.0 |  | 98.1 | 80-120 | 2.16  | 20 |  |
| Trichloroethene               | 20  | 1.0 | "    | 20.0 |  | 99.7 | 80-120 | 4.15  | 20 |  |
| 1,2-Dichloropropane           | 20  | 1.0 | "    | 20.0 |  | 99.8 | 80-120 | 5.25  | 20 |  |
| Methyl methacrylate           | 19  | 1.0 | "    | 20.0 |  | 96.4 | 80-120 | 3.32  | 20 |  |
| Dibromomethane                | 20  | 1.0 | "    | 20.0 |  | 99.6 | 80-120 | 6.37  | 20 |  |
| Bromodichloromethane          | 20  | 1.0 | "    | 20.0 |  | 98.3 | 80-120 | 1.69  | 20 |  |
| cis-1,3-Dichloropropene       | 21  | 1.0 | "    | 20.0 |  | 103  | 80-120 | 4.21  | 20 |  |
| trans-1,3-Dichloropropene     | 20  | 1.0 | "    | 20.0 |  | 98.8 | 80-120 | 4.13  | 20 |  |
| 1,1,2-Trichloroethane         | 20  | 1.0 | "    | 20.0 |  | 101  | 80-120 | 5.38  | 20 |  |
| Dibromochloromethane          | 19  | 1.0 | "    | 20.0 |  | 94.0 | 80-120 | 0.427 | 20 |  |
| 1,2-Dibromoethane             | 20  | 1.0 | "    | 20.0 |  | 98.8 | 80-120 | 0.457 | 20 |  |
| Toluene                       | 19  | 1.0 | "    | 20.0 |  | 94.0 | 80-120 | 3.30  | 20 |  |
| Tetrachloroethene             | 23  | 1.0 | "    | 20.0 |  | 113  | 80-120 | 13.5  | 20 |  |
| 1,3-Dichloropropane           | 20  | 1.0 | "    | 20.0 |  | 99.2 | 80-120 | 0.861 | 20 |  |
| Chlorobenzene                 | 18  | 1.0 | "    | 20.0 |  | 88.9 | 80-120 | 0.00  | 20 |  |
| 1,1,1,2-Tetrachloroethane     | 19  | 1.0 | "    | 20.0 |  | 95.4 | 80-120 | 0.419 | 20 |  |
| Ethylbenzene                  | 20  | 1.0 | "    | 20.0 |  | 99.0 | 80-120 | 2.25  | 20 |  |
| m,p-Xylene                    | 39  | 1.0 | "    | 40.0 |  | 97.6 | 80-120 | 7.77  | 20 |  |
| o-Xylene                      | 20  | 1.0 | "    | 20.0 |  | 98.2 | 80-120 | 3.37  | 20 |  |
| Styrene                       | 19  | 1.0 | "    | 20.0 |  | 93.9 | 80-120 | 2.32  | 20 |  |
| Bromoform                     | 18  | 1.0 | "    | 20.0 |  | 92.4 | 80-120 | 2.80  | 20 |  |
| Isopropylbenzene (Cumene)     | 20  | 1.0 | "    | 20.0 |  | 101  | 80-120 | 1.20  | 20 |  |
| 1,1,2,2-Tetrachloroethane     | 19  | 1.0 | "    | 20.0 |  | 95.2 | 80-120 | 2.39  | 20 |  |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3137 - Organics**

| <b>LCS Dup (B9C3137-BSD1)</b>     |     | Prepared & Analyzed: 25-Mar-19 |      |      |  |      |        |       |    |  |
|-----------------------------------|-----|--------------------------------|------|------|--|------|--------|-------|----|--|
| trans-1,4-Dichloro-2-butene       | 18  | 1.0                            | ug/L | 20.0 |  | 89.8 | 80-120 | 2.31  | 20 |  |
| 1,2,3-Trichloropropane            | 19  | 1.0                            | "    | 20.0 |  | 95.0 | 80-120 | 2.13  | 20 |  |
| Bromobenzene                      | 19  | 1.0                            | "    | 20.0 |  | 97.0 | 80-120 | 1.04  | 20 |  |
| n-Propylbenzene                   | 20  | 1.0                            | "    | 20.0 |  | 99.2 | 80-120 | 1.78  | 20 |  |
| 2-Chlorotoluene                   | 19  | 1.0                            | "    | 20.0 |  | 96.9 | 80-120 | 0.777 | 20 |  |
| 1,3,5-Trimethylbenzene            | 20  | 1.0                            | "    | 20.0 |  | 97.6 | 80-120 | 0.153 | 20 |  |
| 4-Chlorotoluene                   | 20  | 1.0                            | "    | 20.0 |  | 98.0 | 80-120 | 3.27  | 20 |  |
| tert-butyl Benzene                | 19  | 1.0                            | "    | 20.0 |  | 97.2 | 80-120 | 2.40  | 20 |  |
| 1,2,4-Trimethylbenzene            | 20  | 1.0                            | "    | 20.0 |  | 98.0 | 80-120 | 1.75  | 20 |  |
| sec-butyl Benzene                 | 18  | 1.0                            | "    | 20.0 |  | 92.2 | 80-120 | 1.20  | 20 |  |
| p-Isopropyltoluene                | 19  | 1.0                            | "    | 20.0 |  | 96.4 | 80-120 | 0.572 | 20 |  |
| 1,3-Dichlorobenzene               | 19  | 1.0                            | "    | 20.0 |  | 95.6 | 80-120 | 2.22  | 20 |  |
| 1,4-Dichlorobenzene               | 19  | 1.0                            | "    | 20.0 |  | 95.6 | 80-120 | 1.26  | 20 |  |
| n-butyl Benzene                   | 20  | 1.0                            | "    | 20.0 |  | 98.8 | 80-120 | 2.25  | 20 |  |
| 1,2-Dichlorobenzene               | 19  | 1.0                            | "    | 20.0 |  | 96.4 | 80-120 | 1.99  | 20 |  |
| 1,2-Dibromo-3-chloropropane       | 20  | 1.0                            | "    | 20.0 |  | 98.3 | 80-120 | 3.89  | 20 |  |
| 1,2,4-Trichlorobenzene            | 19  | 1.0                            | "    | 20.0 |  | 97.1 | 80-120 | 1.99  | 20 |  |
| Hexachlorobutadiene               | 19  | 1.0                            | "    | 20.0 |  | 93.8 | 80-120 | 0.857 | 20 |  |
| Naphthalene                       | 19  | 1.0                            | "    | 20.0 |  | 96.4 | 80-120 | 2.04  | 20 |  |
| 1,2,3-Trichlorobenzene            | 19  | 1.0                            | "    | 20.0 |  | 94.4 | 80-120 | 1.39  | 20 |  |
| Total Trichloroethanes            | 40  | 1.0                            | "    | 40.0 |  | 99.2 | 80-120 | 3.31  | 20 |  |
| Total Trihalomethanes             | 76  | 1.0                            | "    | 80.0 |  | 95.1 | 80-120 | 2.22  | 20 |  |
| Total Xylenes                     | 59  | 1.0                            | "    | 60.0 |  | 97.8 | 80-120 | 6.27  | 20 |  |
| Surrogate: 4-Bromofluorobenzene   | 4.9 |                                | "    | 5.00 |  | 97.2 | 70-130 |       |    |  |
| Surrogate: 1,2-Dichlorobenzene-d4 | 4.7 |                                | "    | 5.00 |  | 94.4 | 70-130 |       |    |  |

| <b>Matrix Spike (B9C3137-MS1)</b> |    | Source: 19C2986-01 |      |      | Prepared & Analyzed: 26-Mar-19 |      |        |  |  |   |
|-----------------------------------|----|--------------------|------|------|--------------------------------|------|--------|--|--|---|
| Dichlorodifluoromethane           | 18 | 1.0                | ug/L | 20.0 | ND                             | 89.9 | 80-120 |  |  |   |
| Chloromethane                     | 26 | 1.0                | "    | 20.0 | ND                             | 129  | 80-120 |  |  | Q |
| Vinyl Chloride                    | 22 | 1.0                | "    | 20.0 | ND                             | 108  | 80-120 |  |  |   |
| Bromomethane                      | 22 | 1.0                | "    | 20.0 | ND                             | 112  | 80-120 |  |  |   |
| Chloroethane                      | 24 | 1.0                | "    | 20.0 | ND                             | 120  | 80-120 |  |  |   |

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3137 - Organics**

| <b>Matrix Spike (B9C3137-MS1)</b> | <b>Source: 19C2986-01</b> |     |      | <b>Prepared &amp; Analyzed: 26-Mar-19</b> |     |      |        |  |  |  |
|-----------------------------------|---------------------------|-----|------|---|-----|------|--------|--|--|--|
| Trichlorofluoromethane            | 19                        | 1.0 | ug/L | 20.0                                      | ND  | 96.8 | 80-120 |  |  |  |
| Diethyl ether                     | 21                        | 1.0 | "    | 20.0                                      | ND  | 103  | 80-120 |  |  |  |
| 1,1-Dichloroethene                | 20                        | 1.0 | "    | 20.0                                      | ND  | 98.0 | 80-120 |  |  |  |
| Carbon Disulfide                  | 17                        | 1.0 | "    | 20.0                                      | ND  | 85.1 | 80-120 |  |  |  |
| Methylene Chloride                | 19                        | 1.0 | "    | 20.0                                      | ND  | 96.0 | 80-120 |  |  |  |
| MTBE (Methyl tert-butyl ether)    | 20                        | 1.0 | "    | 20.0                                      | ND  | 102  | 80-120 |  |  |  |
| trans-1,2-Dichloroethene          | 19                        | 1.0 | "    | 20.0                                      | ND  | 96.2 | 80-120 |  |  |  |
| 1,1-Dichloroethane                | 20                        | 1.0 | "    | 20.0                                      | ND  | 99.6 | 80-120 |  |  |  |
| 2,2-Dichloropropane               | 19                        | 1.0 | "    | 20.0                                      | ND  | 96.4 | 80-120 |  |  |  |
| cis-1,2-Dichloroethene            | 20                        | 1.0 | "    | 20.0                                      | ND  | 98.4 | 80-120 |  |  |  |
| Bromochloromethane                | 18                        | 1.0 | "    | 20.0                                      | ND  | 90.2 | 80-120 |  |  |  |
| Chloroform                        | 42                        | 1.0 | "    | 20.0                                      | 22  | 102  | 80-120 |  |  |  |
| 1,2-Dichloroethane                | 21                        | 1.0 | "    | 20.0                                      | ND  | 103  | 80-120 |  |  |  |
| 1,1,1-Trichloroethane             | 18                        | 1.0 | "    | 20.0                                      | ND  | 92.2 | 80-120 |  |  |  |
| Methyl Acrylate                   | 21                        | 1.0 | "    | 20.0                                      | ND  | 103  | 80-120 |  |  |  |
| Tetrahydrofuran                   | 20                        | 1.0 | "    | 20.0                                      | ND  | 99.8 | 80-120 |  |  |  |
| Carbon Tetrachloride              | 17                        | 1.0 | "    | 20.0                                      | ND  | 86.1 | 80-120 |  |  |  |
| 1,1-Dichloropropene               | 20                        | 1.0 | "    | 20.0                                      | ND  | 101  | 80-120 |  |  |  |
| Benzene                           | 20                        | 1.0 | "    | 20.0                                      | ND  | 100  | 80-120 |  |  |  |
| Trichloroethene                   | 20                        | 1.0 | "    | 20.0                                      | ND  | 98.6 | 80-120 |  |  |  |
| 1,2-Dichloropropane               | 20                        | 1.0 | "    | 20.0                                      | ND  | 101  | 80-120 |  |  |  |
| Methyl methacrylate               | 19                        | 1.0 | "    | 20.0                                      | ND  | 95.4 | 80-120 |  |  |  |
| Dibromomethane                    | 19                        | 1.0 | "    | 20.0                                      | ND  | 96.8 | 80-120 |  |  |  |
| Bromodichloromethane              | 25                        | 1.0 | "    | 20.0                                      | 6.4 | 95.2 | 80-120 |  |  |  |
| cis-1,3-Dichloropropene           | 20                        | 1.0 | "    | 20.0                                      | ND  | 102  | 80-120 |  |  |  |
| trans-1,3-Dichloropropene         | 19                        | 1.0 | "    | 20.0                                      | ND  | 94.4 | 80-120 |  |  |  |
| 1,1,2-Trichloroethane             | 20                        | 1.0 | "    | 20.0                                      | ND  | 102  | 80-120 |  |  |  |
| Dibromochloromethane              | 17                        | 1.0 | "    | 20.0                                      | ND  | 85.8 | 80-120 |  |  |  |
| 1,2-Dibromoethane                 | 19                        | 1.0 | "    | 20.0                                      | ND  | 97.0 | 80-120 |  |  |  |
| Toluene                           | 19                        | 1.0 | "    | 20.0                                      | ND  | 93.0 | 80-120 |  |  |  |
| Tetrachloroethene                 | 21                        | 1.0 | "    | 20.0                                      | ND  | 103  | 80-120 |  |  |  |
| 1,3-Dichloropropane               | 20                        | 1.0 | "    | 20.0                                      | ND  | 99.8 | 80-120 |  |  |  |

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3137 - Organics**

| <b>Matrix Spike (B9C3137-MS1)</b> | <b>Source: 19C2986-01</b> |     |      | <b>Prepared &amp; Analyzed: 26-Mar-19</b> |    |      |        |  |  |   |
|-----------------------------------|---------------------------|-----|------|---|----|------|--------|--|--|---|
| Chlorobenzene                     | 17                        | 1.0 | ug/L | 20.0                                      | ND | 84.2 | 80-120 |  |  |   |
| 1,1,1,2-Tetrachloroethane         | 18                        | 1.0 | "    | 20.0                                      | ND | 89.4 | 80-120 |  |  |   |
| Ethylbenzene                      | 20                        | 1.0 | "    | 20.0                                      | ND | 99.0 | 80-120 |  |  |   |
| m,p-Xylene                        | 39                        | 1.0 | "    | 40.0                                      | ND | 96.8 | 80-120 |  |  |   |
| o-Xylene                          | 19                        | 1.0 | "    | 20.0                                      | ND | 96.2 | 80-120 |  |  |   |
| Styrene                           | 18                        | 1.0 | "    | 20.0                                      | ND | 91.7 | 80-120 |  |  |   |
| Bromoform                         | 14                        | 1.0 | "    | 20.0                                      | ND | 71.0 | 80-120 |  |  | Q |
| Isopropylbenzene (Cumene)         | 20                        | 1.0 | "    | 20.0                                      | ND | 99.8 | 80-120 |  |  |   |
| 1,1,2,2-Tetrachloroethane         | 19                        | 1.0 | "    | 20.0                                      | ND | 97.2 | 80-120 |  |  |   |
| trans-1,4-Dichloro-2-butene       | 19                        | 1.0 | "    | 20.0                                      | ND | 95.4 | 80-120 |  |  |   |
| 1,2,3-Trichloropropane            | 19                        | 1.0 | "    | 20.0                                      | ND | 93.2 | 80-120 |  |  |   |
| Bromobenzene                      | 18                        | 1.0 | "    | 20.0                                      | ND | 89.9 | 80-120 |  |  |   |
| n-Propylbenzene                   | 20                        | 1.0 | "    | 20.0                                      | ND | 101  | 80-120 |  |  |   |
| 2-Chlorotoluene                   | 20                        | 1.0 | "    | 20.0                                      | ND | 98.6 | 80-120 |  |  |   |
| 1,3,5-Trimethylbenzene            | 19                        | 1.0 | "    | 20.0                                      | ND | 97.2 | 80-120 |  |  |   |
| 4-Chlorotoluene                   | 19                        | 1.0 | "    | 20.0                                      | ND | 97.3 | 80-120 |  |  |   |
| tert-butyl Benzene                | 19                        | 1.0 | "    | 20.0                                      | ND | 94.0 | 80-120 |  |  |   |
| 1,2,4-Trimethylbenzene            | 19                        | 1.0 | "    | 20.0                                      | ND | 95.5 | 80-120 |  |  |   |
| sec-butyl Benzene                 | 18                        | 1.0 | "    | 20.0                                      | ND | 91.9 | 80-120 |  |  |   |
| p-Isopropyltoluene                | 19                        | 1.0 | "    | 20.0                                      | ND | 92.8 | 80-120 |  |  |   |
| 1,3-Dichlorobenzene               | 18                        | 1.0 | "    | 20.0                                      | ND | 91.2 | 80-120 |  |  |   |
| 1,4-Dichlorobenzene               | 18                        | 1.0 | "    | 20.0                                      | ND | 91.6 | 80-120 |  |  |   |
| n-butyl Benzene                   | 20                        | 1.0 | "    | 20.0                                      | ND | 98.9 | 80-120 |  |  |   |
| 1,2-Dichlorobenzene               | 18                        | 1.0 | "    | 20.0                                      | ND | 91.8 | 80-120 |  |  |   |
| 1,2-Dibromo-3-chloropropane       | 17                        | 1.0 | "    | 20.0                                      | ND | 82.7 | 80-120 |  |  |   |
| 1,2,4-Trichlorobenzene            | 18                        | 1.0 | "    | 20.0                                      | ND | 88.8 | 80-120 |  |  |   |
| Hexachlorobutadiene               | 16                        | 1.0 | "    | 20.0                                      | ND | 80.0 | 80-120 |  |  |   |
| Naphthalene                       | 18                        | 1.0 | "    | 20.0                                      | ND | 90.4 | 80-120 |  |  |   |
| 1,2,3-Trichlorobenzene            | 17                        | 1.0 | "    | 20.0                                      | ND | 85.4 | 80-120 |  |  |   |
| Total Trichloroethanes            | 39                        | 1.0 | "    | 40.0                                      | ND | 97.0 | 80-120 |  |  |   |
| Total Trihalomethanes             | 99                        | 1.0 | "    | 80.0                                      | 28 | 88.5 | 80-120 |  |  |   |
| Total Xylenes                     | 58                        | 1.0 | "    | 60.0                                      | ND | 96.6 | 80-120 |  |  |   |

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 www.envirodyne.com

|                    |                                      |                  |                 |
|--------------------|--------------------------------------|------------------|-----------------|
| <b>Client:</b>     | Deer Park, City of                   | <b>Reported:</b> | 26-Mar-19 15:34 |
| <b>Project:</b>    | Deer Park, City of - ITC Water Check |                  |                 |
| <b>Work Order:</b> | 19C2992                              |                  |                 |

**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 B9C3137 - Organics**

| Matrix Spike (B9C3137-MS1)        | Source: 19C2986-01 | Prepared & Analyzed: 26-Mar-19 |
|-----------------------------------|--------------------|--------------------------------|
| Surrogate: 4-Bromofluorobenzene   | 4.7                | ug/L 5.00 93.8 70-130          |
| Surrogate: 1,2-Dichlorobenzene-d4 | 4.5                | " 5.00 90.8 70-130             |

**Batch B9C3207 - Organics**

| Blank (B9C3207-BLK1)           | Prepared & Analyzed: 26-Mar-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 "                     |

DRAFT REPORT

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

**Blank (B9C3207-BLK1)**

Prepared & Analyzed: 26-Mar-19

|                             |      |     |      |  |  |  |  |  |  |   |
|-----------------------------|------|-----|------|--|--|--|--|--|--|---|
| Dibromomethane              | <1.0 | 1.0 | ug/L |  |  |  |  |  |  |   |
| 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 | "    |  |  |  |  |  |  |   |
| Dibromochloromethane        | <1.0 | 1.0 | "    |  |  |  |  |  |  |   |
| 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 | "    |  |  |  |  |  |  | C |
| 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 | "    |  |  |  |  |  |  |   |

DRAFT REPORT

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 Houston, TX 77099  
 281.568.7880 Phone  
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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

**Blank (B9C3207-BLK1)**

Prepared & Analyzed: 26-Mar-19

|  |      |     |      |      |  |      |        |  |  |  |
|--|------|-----|------|------|--|------|--------|--|--|--|
| n-butyl Benzene                          | <1.0 | 1.0 | ug/L |      |  |      |        |  |  |  |
| 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 | "    |      |  |      |        |  |  |  |
| Naphthalene                              | <1.0 | 1.0 | "    |      |  |      |        |  |  |  |
| 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>   | 4.5  |     | "    | 5.00 |  | 90.4 | 70-130 |  |  |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> | 4.2  |     | "    | 5.00 |  | 84.4 | 70-130 |  |  |  |

**LCS (B9C3207-BS1)**

Prepared & Analyzed: 26-Mar-19

|                                |    |     |      |      |  |      |        |  |  |   |
|--------------------------------|----|-----|------|------|--|------|--------|--|--|---|
| Dichlorodifluoromethane        | 18 | 1.0 | ug/L | 20.0 |  | 92.3 | 80-120 |  |  |   |
| Chloromethane                  | 25 | 1.0 | "    | 20.0 |  | 123  | 80-120 |  |  | Q |
| Vinyl Chloride                 | 23 | 1.0 | "    | 20.0 |  | 113  | 80-120 |  |  |   |
| Bromomethane                   | 25 | 1.0 | "    | 20.0 |  | 123  | 80-120 |  |  | Q |
| Chloroethane                   | 22 | 1.0 | "    | 20.0 |  | 111  | 80-120 |  |  |   |
| Trichlorofluoromethane         | 21 | 1.0 | "    | 20.0 |  | 107  | 80-120 |  |  |   |
| Diethyl ether                  | 22 | 1.0 | "    | 20.0 |  | 109  | 80-120 |  |  |   |
| 1,1-Dichloroethene             | 21 | 1.0 | "    | 20.0 |  | 107  | 80-120 |  |  |   |
| Carbon Disulfide               | 19 | 1.0 | "    | 20.0 |  | 92.6 | 80-120 |  |  |   |
| Methylene Chloride             | 21 | 1.0 | "    | 20.0 |  | 105  | 80-120 |  |  |   |
| MTBE (Methyl tert-butyl ether) | 22 | 1.0 | "    | 20.0 |  | 109  | 80-120 |  |  |   |
| trans-1,2-Dichloroethene       | 21 | 1.0 | "    | 20.0 |  | 103  | 80-120 |  |  |   |
| 1,1-Dichloroethane             | 21 | 1.0 | "    | 20.0 |  | 106  | 80-120 |  |  |   |
| 2,2-Dichloropropane            | 21 | 1.0 | "    | 20.0 |  | 106  | 80-120 |  |  |   |
| cis-1,2-Dichloroethene         | 21 | 1.0 | "    | 20.0 |  | 107  | 80-120 |  |  |   |
| Bromochloromethane             | 19 | 1.0 | "    | 20.0 |  | 95.4 | 80-120 |  |  |   |
| Chloroform                     | 22 | 1.0 | "    | 20.0 |  | 108  | 80-120 |  |  |   |
| 1,2-Dichloroethane             | 22 | 1.0 | "    | 20.0 |  | 110  | 80-120 |  |  |   |

DRAFT REPORT

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 281.568.7880 Phone  
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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

| <b>LCS (B9C3207-BS1)</b>    |    | Prepared & Analyzed: 26-Mar-19 |      |      |  |      |        |  |  |      |
|-----------------------------|----|--------------------------------|------|------|--|------|--------|--|--|------|
| 1,1,1-Trichloroethane       | 20 | 1.0                            | ug/L | 20.0 |  | 101  | 80-120 |  |  |      |
| Methyl Acrylate             | 21 | 1.0                            | "    | 20.0 |  | 106  | 80-120 |  |  |      |
| Tetrahydrofuran             | 22 | 1.0                            | "    | 20.0 |  | 108  | 80-120 |  |  |      |
| Carbon Tetrachloride        | 19 | 1.0                            | "    | 20.0 |  | 94.2 | 80-120 |  |  |      |
| 1,1-Dichloropropene         | 22 | 1.0                            | "    | 20.0 |  | 111  | 80-120 |  |  |      |
| Benzene                     | 22 | 1.0                            | "    | 20.0 |  | 108  | 80-120 |  |  |      |
| Trichloroethene             | 21 | 1.0                            | "    | 20.0 |  | 106  | 80-120 |  |  |      |
| 1,2-Dichloropropane         | 22 | 1.0                            | "    | 20.0 |  | 108  | 80-120 |  |  |      |
| Methyl methacrylate         | 20 | 1.0                            | "    | 20.0 |  | 102  | 80-120 |  |  |      |
| Dibromomethane              | 20 | 1.0                            | "    | 20.0 |  | 102  | 80-120 |  |  |      |
| Bromodichloromethane        | 20 | 1.0                            | "    | 20.0 |  | 99.9 | 80-120 |  |  |      |
| cis-1,3-Dichloropropene     | 22 | 1.0                            | "    | 20.0 |  | 109  | 80-120 |  |  |      |
| trans-1,3-Dichloropropene   | 20 | 1.0                            | "    | 20.0 |  | 100  | 80-120 |  |  |      |
| 1,1,2-Trichloroethane       | 22 | 1.0                            | "    | 20.0 |  | 108  | 80-120 |  |  |      |
| Dibromochloromethane        | 18 | 1.0                            | "    | 20.0 |  | 87.8 | 80-120 |  |  |      |
| 1,2-Dibromoethane           | 21 | 1.0                            | "    | 20.0 |  | 104  | 80-120 |  |  |      |
| Toluene                     | 20 | 1.0                            | "    | 20.0 |  | 100  | 80-120 |  |  |      |
| Tetrachloroethene           | 20 | 1.0                            | "    | 20.0 |  | 98.6 | 80-120 |  |  |      |
| 1,3-Dichloropropane         | 22 | 1.0                            | "    | 20.0 |  | 110  | 80-120 |  |  |      |
| Chlorobenzene               | 19 | 1.0                            | "    | 20.0 |  | 94.6 | 80-120 |  |  |      |
| 1,1,1,2-Tetrachloroethane   | 19 | 1.0                            | "    | 20.0 |  | 95.0 | 80-120 |  |  |      |
| Ethylbenzene                | 21 | 1.0                            | "    | 20.0 |  | 105  | 80-120 |  |  |      |
| m,p-Xylene                  | 41 | 1.0                            | "    | 40.0 |  | 103  | 80-120 |  |  |      |
| o-Xylene                    | 20 | 1.0                            | "    | 20.0 |  | 102  | 80-120 |  |  |      |
| Styrene                     | 20 | 1.0                            | "    | 20.0 |  | 98.6 | 80-120 |  |  |      |
| Bromoform                   | 15 | 1.0                            | "    | 20.0 |  | 75.4 | 80-120 |  |  | C, Q |
| Isopropylbenzene (Cumene)   | 21 | 1.0                            | "    | 20.0 |  | 106  | 80-120 |  |  |      |
| 1,1,2,2-Tetrachloroethane   | 21 | 1.0                            | "    | 20.0 |  | 103  | 80-120 |  |  |      |
| trans-1,4-Dichloro-2-butene | 20 | 1.0                            | "    | 20.0 |  | 98.4 | 80-120 |  |  |      |
| 1,2,3-Trichloropropane      | 20 | 1.0                            | "    | 20.0 |  | 102  | 80-120 |  |  |      |
| Bromobenzene                | 20 | 1.0                            | "    | 20.0 |  | 98.7 | 80-120 |  |  |      |
| n-Propylbenzene             | 21 | 1.0                            | "    | 20.0 |  | 106  | 80-120 |  |  |      |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

| <b>LCS (B9C3207-BS1)</b>          |     | Prepared & Analyzed: 26-Mar-19 |      |      |  |      |        |  |  |  |
|-----------------------------------|-----|--------------------------------|------|------|--|------|--------|--|--|--|
| 2-Chlorotoluene                   | 21  | 1.0                            | ug/L | 20.0 |  | 104  | 80-120 |  |  |  |
| 1,3,5-Trimethylbenzene            | 21  | 1.0                            | "    | 20.0 |  | 104  | 80-120 |  |  |  |
| 4-Chlorotoluene                   | 21  | 1.0                            | "    | 20.0 |  | 105  | 80-120 |  |  |  |
| tert-butyl Benzene                | 20  | 1.0                            | "    | 20.0 |  | 101  | 80-120 |  |  |  |
| 1,2,4-Trimethylbenzene            | 21  | 1.0                            | "    | 20.0 |  | 104  | 80-120 |  |  |  |
| sec-butyl Benzene                 | 19  | 1.0                            | "    | 20.0 |  | 97.4 | 80-120 |  |  |  |
| p-Isopropyltoluene                | 20  | 1.0                            | "    | 20.0 |  | 100  | 80-120 |  |  |  |
| 1,3-Dichlorobenzene               | 20  | 1.0                            | "    | 20.0 |  | 99.4 | 80-120 |  |  |  |
| 1,4-Dichlorobenzene               | 20  | 1.0                            | "    | 20.0 |  | 97.8 | 80-120 |  |  |  |
| n-butyl Benzene                   | 21  | 1.0                            | "    | 20.0 |  | 106  | 80-120 |  |  |  |
| 1,2-Dichlorobenzene               | 20  | 1.0                            | "    | 20.0 |  | 97.8 | 80-120 |  |  |  |
| 1,2-Dibromo-3-chloropropane       | 18  | 1.0                            | "    | 20.0 |  | 90.8 | 80-120 |  |  |  |
| 1,2,4-Trichlorobenzene            | 19  | 1.0                            | "    | 20.0 |  | 95.2 | 80-120 |  |  |  |
| Hexachlorobutadiene               | 18  | 1.0                            | "    | 20.0 |  | 90.4 | 80-120 |  |  |  |
| Naphthalene                       | 19  | 1.0                            | "    | 20.0 |  | 94.5 | 80-120 |  |  |  |
| 1,2,3-Trichlorobenzene            | 18  | 1.0                            | "    | 20.0 |  | 91.3 | 80-120 |  |  |  |
| Total Trichloroethanes            | 42  | 1.0                            | "    | 40.0 |  | 105  | 80-120 |  |  |  |
| Total Trihalomethanes             | 74  | 1.0                            | "    | 80.0 |  | 92.7 | 80-120 |  |  |  |
| Total Xylenes                     | 62  | 1.0                            | "    | 60.0 |  | 103  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene   | 4.8 |                                | "    | 5.00 |  | 96.0 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichlorobenzene-d4 | 4.6 |                                | "    | 5.00 |  | 92.0 | 70-130 |  |  |  |

| <b>LCS Dup (B9C3207-BSD1)</b> |    | Prepared & Analyzed: 26-Mar-19 |      |      |  |      |        |       |    |   |
|-------------------------------|----|--------------------------------|------|------|--|------|--------|-------|----|---|
| Dichlorodifluoromethane       | 19 | 1.0                            | ug/L | 20.0 |  | 96.4 | 80-120 | 4.29  | 20 |   |
| Chloromethane                 | 25 | 1.0                            | "    | 20.0 |  | 123  | 80-120 | 0.162 | 20 | Q |
| Vinyl Chloride                | 23 | 1.0                            | "    | 20.0 |  | 116  | 80-120 | 2.61  | 20 |   |
| Bromomethane                  | 25 | 1.0                            | "    | 20.0 |  | 126  | 80-120 | 2.28  | 20 | Q |
| Chloroethane                  | 25 | 1.0                            | "    | 20.0 |  | 123  | 80-120 | 10.2  | 20 | Q |
| Trichlorofluoromethane        | 21 | 1.0                            | "    | 20.0 |  | 106  | 80-120 | 0.843 | 20 |   |
| Diethyl ether                 | 21 | 1.0                            | "    | 20.0 |  | 107  | 80-120 | 1.53  | 20 |   |
| 1,1-Dichloroethene            | 21 | 1.0                            | "    | 20.0 |  | 103  | 80-120 | 3.66  | 20 |   |
| Carbon Disulfide              | 18 | 1.0                            | "    | 20.0 |  | 91.4 | 80-120 | 1.20  | 20 |   |

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

| <b>LCS Dup (B9C3207-BSD1)</b>  | <b>Prepared &amp; Analyzed: 26-Mar-19</b> |     |      |      |      |        |        |    |  |  |
|--------------------------------|---|-----|------|------|------|--------|--------|----|--|--|
| Methylene Chloride             | 20  | 1.0 | ug/L | 20.0 | 101  | 80-120 | 4.18   | 20 |  |  |
| MTBE (Methyl tert-butyl ether) | 21  | 1.0 | "    | 20.0 | 106  | 80-120 | 2.98   | 20 |  |  |
| trans-1,2-Dichloroethene       | 20  | 1.0 | "    | 20.0 | 101  | 80-120 | 2.31   | 20 |  |  |
| 1,1-Dichloroethane             | 21  | 1.0 | "    | 20.0 | 104  | 80-120 | 1.52   | 20 |  |  |
| 2,2-Dichloropropane            | 21  | 1.0 | "    | 20.0 | 105  | 80-120 | 0.807  | 20 |  |  |
| cis-1,2-Dichloroethene         | 21  | 1.0 | "    | 20.0 | 105  | 80-120 | 1.98   | 20 |  |  |
| Bromochloromethane             | 19  | 1.0 | "    | 20.0 | 95.6 | 80-120 | 0.157  | 20 |  |  |
| Chloroform                     | 20  | 1.0 | "    | 20.0 | 100  | 80-120 | 7.16   | 20 |  |  |
| 1,2-Dichloroethane             | 22  | 1.0 | "    | 20.0 | 109  | 80-120 | 0.687  | 20 |  |  |
| 1,1,1-Trichloroethane          | 20  | 1.0 | "    | 20.0 | 98.7 | 80-120 | 2.45   | 20 |  |  |
| Methyl Acrylate                | 21  | 1.0 | "    | 20.0 | 105  | 80-120 | 0.950  | 20 |  |  |
| Tetrahydrofuran                | 21  | 1.0 | "    | 20.0 | 104  | 80-120 | 3.40   | 20 |  |  |
| Carbon Tetrachloride           | 19  | 1.0 | "    | 20.0 | 93.8 | 80-120 | 0.426  | 20 |  |  |
| 1,1-Dichloropropene            | 21  | 1.0 | "    | 20.0 | 107  | 80-120 | 4.09   | 20 |  |  |
| Benzene                        | 21  | 1.0 | "    | 20.0 | 106  | 80-120 | 1.97   | 20 |  |  |
| Trichloroethene                | 21  | 1.0 | "    | 20.0 | 105  | 80-120 | 0.237  | 20 |  |  |
| 1,2-Dichloropropane            | 21  | 1.0 | "    | 20.0 | 107  | 80-120 | 0.466  | 20 |  |  |
| Methyl methacrylate            | 20  | 1.0 | "    | 20.0 | 97.8 | 80-120 | 4.35   | 20 |  |  |
| Dibromomethane                 | 21  | 1.0 | "    | 20.0 | 103  | 80-120 | 1.41   | 20 |  |  |
| Bromodichloromethane           | 19  | 1.0 | "    | 20.0 | 97.0 | 80-120 | 3.00   | 20 |  |  |
| cis-1,3-Dichloropropene        | 21  | 1.0 | "    | 20.0 | 105  | 80-120 | 3.59   | 20 |  |  |
| trans-1,3-Dichloropropene      | 20  | 1.0 | "    | 20.0 | 100  | 80-120 | 0.349  | 20 |  |  |
| 1,1,2-Trichloroethane          | 21  | 1.0 | "    | 20.0 | 107  | 80-120 | 1.35   | 20 |  |  |
| Dibromochloromethane           | 17  | 1.0 | "    | 20.0 | 84.8 | 80-120 | 3.59   | 20 |  |  |
| 1,2-Dibromoethane              | 21  | 1.0 | "    | 20.0 | 104  | 80-120 | 0.480  | 20 |  |  |
| Toluene                        | 20  | 1.0 | "    | 20.0 | 99.4 | 80-120 | 1.15   | 20 |  |  |
| Tetrachloroethene              | 19  | 1.0 | "    | 20.0 | 97.4 | 80-120 | 1.22   | 20 |  |  |
| 1,3-Dichloropropane            | 21  | 1.0 | "    | 20.0 | 106  | 80-120 | 3.37   | 20 |  |  |
| Chlorobenzene                  | 18  | 1.0 | "    | 20.0 | 91.9 | 80-120 | 2.95   | 20 |  |  |
| 1,1,1,2-Tetrachloroethane      | 19  | 1.0 | "    | 20.0 | 94.6 | 80-120 | 0.475  | 20 |  |  |
| Ethylbenzene                   | 21  | 1.0 | "    | 20.0 | 105  | 80-120 | 0.0478 | 20 |  |  |
| m,p-Xylene                     | 42  | 1.0 | "    | 40.0 | 104  | 80-120 | 0.434  | 20 |  |  |

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 |
|-----------------------------------|--------|-----------------|-------|--------------------------------|---------------|--------|-------------|-----|-----------|-------|
| <b>Batch B9C3207 - Organics</b>   |        |                 |       |                                |               |        |             |     |           |       |
| <b>LCS Dup (B9C3207-BSD1)</b>     |        |                 |       | Prepared & Analyzed: 26-Mar-19 |               |        |             |     |           |       |
| o-Xylene                          | 21     | 1.0             | ug/L  | 20.0                           | 103           | 80-120 | 0.780       | 20  |           |       |
| Styrene                           | 19     | 1.0             | "     | 20.0                           | 96.6          | 80-120 | 2.05        | 20  |           |       |
| Bromoform                         | 15     | 1.0             | "     | 20.0                           | 75.4          | 80-120 | 0.0663      | 20  |           | C, Q  |
| Isopropylbenzene (Cumene)         | 21     | 1.0             | "     | 20.0                           | 106           | 80-120 | 0.188       | 20  |           |       |
| 1,1,2,2-Tetrachloroethane         | 20     | 1.0             | "     | 20.0                           | 101           | 80-120 | 1.57        | 20  |           |       |
| trans-1,4-Dichloro-2-butene       | 20     | 1.0             | "     | 20.0                           | 97.7          | 80-120 | 0.663       | 20  |           |       |
| 1,2,3-Trichloropropane            | 20     | 1.0             | "     | 20.0                           | 100           | 80-120 | 1.68        | 20  |           |       |
| Bromobenzene                      | 19     | 1.0             | "     | 20.0                           | 94.8          | 80-120 | 3.98        | 20  |           |       |
| n-Propylbenzene                   | 21     | 1.0             | "     | 20.0                           | 107           | 80-120 | 1.08        | 20  |           |       |
| 2-Chlorotoluene                   | 21     | 1.0             | "     | 20.0                           | 103           | 80-120 | 1.40        | 20  |           |       |
| 1,3,5-Trimethylbenzene            | 21     | 1.0             | "     | 20.0                           | 104           | 80-120 | 0.0480      | 20  |           |       |
| 4-Chlorotoluene                   | 21     | 1.0             | "     | 20.0                           | 103           | 80-120 | 1.82        | 20  |           |       |
| tert-butyl Benzene                | 20     | 1.0             | "     | 20.0                           | 99.4          | 80-120 | 1.70        | 20  |           |       |
| 1,2,4-Trimethylbenzene            | 21     | 1.0             | "     | 20.0                           | 103           | 80-120 | 1.01        | 20  |           |       |
| sec-butyl Benzene                 | 20     | 1.0             | "     | 20.0                           | 97.5          | 80-120 | 0.0513      | 20  |           |       |
| p-Isopropyltoluene                | 20     | 1.0             | "     | 20.0                           | 101           | 80-120 | 0.745       | 20  |           |       |
| 1,3-Dichlorobenzene               | 20     | 1.0             | "     | 20.0                           | 98.4          | 80-120 | 0.960       | 20  |           |       |
| 1,4-Dichlorobenzene               | 20     | 1.0             | "     | 20.0                           | 97.5          | 80-120 | 0.358       | 20  |           |       |
| n-butyl Benzene                   | 22     | 1.0             | "     | 20.0                           | 109           | 80-120 | 2.51        | 20  |           |       |
| 1,2-Dichlorobenzene               | 19     | 1.0             | "     | 20.0                           | 97.2          | 80-120 | 0.513       | 20  |           |       |
| 1,2-Dibromo-3-chloropropane       | 18     | 1.0             | "     | 20.0                           | 90.6          | 80-120 | 0.221       | 20  |           |       |
| 1,2,4-Trichlorobenzene            | 19     | 1.0             | "     | 20.0                           | 94.2          | 80-120 | 1.06        | 20  |           |       |
| Hexachlorobutadiene               | 19     | 1.0             | "     | 20.0                           | 93.5          | 80-120 | 3.43        | 20  |           |       |
| Naphthalene                       | 19     | 1.0             | "     | 20.0                           | 97.0          | 80-120 | 2.61        | 20  |           |       |
| 1,2,3-Trichlorobenzene            | 18     | 1.0             | "     | 20.0                           | 91.7          | 80-120 | 0.437       | 20  |           |       |
| Total Trichloroethanes            | 41     | 1.0             | "     | 40.0                           | 103           | 80-120 | 1.88        | 20  |           |       |
| Total Trihalomethanes             | 71     | 1.0             | "     | 80.0                           | 89.4          | 80-120 | 3.69        | 20  |           |       |
| Total Xylenes                     | 62     | 1.0             | "     | 60.0                           | 104           | 80-120 | 0.549       | 20  |           |       |
| Surrogate: 4-Bromofluorobenzene   | 4.8    |                 | "     | 5.00                           | 95.2          | 70-130 |             |     |           |       |
| Surrogate: 1,2-Dichlorobenzene-d4 | 4.6    |                 | "     | 5.00                           | 92.2          | 70-130 |             |     |           |       |

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 11011 Brooklet Dr., # 230  
 Houston, TX 77099  
 281.568.7880 Phone  
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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

| <b>Matrix Spike (B9C3207-MS1)</b> | <b>Source: 19C2891-01</b> |     |      | <b>Prepared &amp; Analyzed: 26-Mar-19</b> |      |  |        |   |  |  |
|-----------------------------------|---------------------------|-----|------|---|------|--|--------|---|--|--|
| Dichlorodifluoromethane           | <1.0                      | 1.0 | ug/L | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Chloromethane                     | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Vinyl Chloride                    | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Bromomethane                      | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Chloroethane                      | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Trichlorofluoromethane            | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Diethyl ether                     | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| 1,1-Dichloroethene                | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Carbon Disulfide                  | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Methylene Chloride                | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| MTBE (Methyl tert-butyl ether)    | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| trans-1,2-Dichloroethene          | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| 1,1-Dichloroethane                | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| 2,2-Dichloropropane               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| cis-1,2-Dichloroethene            | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Bromochloromethane                | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Chloroform                        | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| 1,2-Dichloroethane                | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| 1,1,1-Trichloroethane             | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Methyl Acrylate                   | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Tetrahydrofuran                   | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Carbon Tetrachloride              | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| 1,1-Dichloropropene               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Benzene                           | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Trichloroethene                   | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| 1,2-Dichloropropane               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Methyl methacrylate               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Dibromomethane                    | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| Bromodichloromethane              | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| cis-1,3-Dichloropropene           | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| trans-1,3-Dichloropropene         | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |
| 1,1,2-Trichloroethane             | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |  |

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

| <b>Matrix Spike (B9C3207-MS1)</b> | <b>Source: 19C2891-01</b> |     |      | <b>Prepared &amp; Analyzed: 26-Mar-19</b> |      |  |        |   |  |   |
|-----------------------------------|---------------------------|-----|------|---|------|--|--------|---|--|---|
| Dibromochloromethane              | <1.0                      | 1.0 | ug/L | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,2-Dibromoethane                 | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| Toluene                           | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| Tetrachloroethene                 | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,3-Dichloropropane               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| Chlorobenzene                     | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,1,1,2-Tetrachloroethane         | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| Ethylbenzene                      | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| m,p-Xylene                        | <1.0                      | 1.0 | "    | 40.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| o-Xylene                          | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| Styrene                           | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| Bromoform                         | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  | C |
| Isopropylbenzene (Cumene)         | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,1,2,2-Tetrachloroethane         | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| trans-1,4-Dichloro-2-butene       | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,2,3-Trichloropropane            | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| Bromobenzene                      | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| n-Propylbenzene                   | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 2-Chlorotoluene                   | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,3,5-Trimethylbenzene            | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 4-Chlorotoluene                   | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| tert-butyl Benzene                | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,2,4-Trimethylbenzene            | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| sec-butyl Benzene                 | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| p-Isopropyltoluene                | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,3-Dichlorobenzene               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,4-Dichlorobenzene               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| n-butyl Benzene                   | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,2-Dichlorobenzene               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,2-Dibromo-3-chloropropane       | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| 1,2,4-Trichlorobenzene            | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |
| Hexachlorobutadiene               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 |  |   |

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

| <b>Matrix Spike (B9C3207-MS1)</b>        | <b>Source: 19C2891-01</b> |     |      | <b>Prepared &amp; Analyzed: 26-Mar-19</b> |      |      |        |   |  |  |
|--|---------------------------|-----|------|---|------|------|--------|---|--|--|
| Naphthalene                              | <1.0                      | 1.0 | ug/L | 20.0                                      | <1.0 |      | 80-120 | 0 |  |  |
| 1,2,3-Trichlorobenzene                   | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |      | 80-120 | 0 |  |  |
| Total Trichloroethanes                   | <1.0                      | 1.0 | "    | 40.0                                      | <1.0 |      | 80-120 | 0 |  |  |
| Total Trihalomethanes                    | <1.0                      | 1.0 | "    | 80.0                                      | <1.0 |      | 80-120 | 0 |  |  |
| Total Xylenes                            | <1.0                      | 1.0 | "    | 60.0                                      | <1.0 |      | 80-120 | 0 |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i>   | 4.8                       |     | "    | 5.00                                      |      | 96.6 | 70-130 |   |  |  |
| <i>Surrogate: 1,2-Dichlorobenzene-d4</i> | 4.5                       |     | "    | 5.00                                      |      | 90.0 | 70-130 |   |  |  |

| <b>Matrix Spike Dup (B9C3207-MSD1)</b> | <b>Source: 19C2891-01</b> |     |      | <b>Prepared &amp; Analyzed: 26-Mar-19</b> |      |  |        |   |    |  |
|--|---------------------------|-----|------|---|------|--|--------|---|----|--|
| Dichlorodifluoromethane                | <1.0                      | 1.0 | ug/L | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Chloromethane                          | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Vinyl Chloride                         | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Bromomethane                           | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Chloroethane                           | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Trichlorofluoromethane                 | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Diethyl ether                          | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,1-Dichloroethene                     | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Carbon Disulfide                       | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Methylene Chloride                     | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| MTBE (Methyl tert-butyl ether)         | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| trans-1,2-Dichloroethene               | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,1-Dichloroethane                     | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 2,2-Dichloropropane                    | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| cis-1,2-Dichloroethene                 | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Bromochloromethane                     | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Chloroform                             | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,2-Dichloroethane                     | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,1,1-Trichloroethane                  | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Methyl Acrylate                        | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Tetrahydrofuran                        | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Carbon Tetrachloride                   | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,1-Dichloropropene                    | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |

DRAFT REPORT

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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:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

| Matrix Spike Dup (B9C3207-MSD1) | Source: 19C2891-01 |     |      | Prepared & Analyzed: 26-Mar-19 |      |  |        |   |    |   |
|---------------------------------|--------------------|-----|------|--------------------------------|------|--|--------|---|----|---|
| Benzene                         | <1.0               | 1.0 | ug/L | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Trichloroethene                 | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 1,2-Dichloropropane             | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Methyl methacrylate             | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Dibromomethane                  | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Bromodichloromethane            | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| cis-1,3-Dichloropropene         | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| trans-1,3-Dichloropropene       | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 1,1,2-Trichloroethane           | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Dibromochloromethane            | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 1,2-Dibromoethane               | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Toluene                         | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Tetrachloroethene               | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 1,3-Dichloropropane             | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Chlorobenzene                   | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 1,1,1,2-Tetrachloroethane       | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Ethylbenzene                    | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| m,p-Xylene                      | <1.0               | 1.0 | "    | 40.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| o-Xylene                        | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Styrene                         | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Bromoform                       | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 | C |
| Isopropylbenzene (Cumene)       | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 1,1,2,2-Tetrachloroethane       | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| trans-1,4-Dichloro-2-butene     | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 1,2,3-Trichloropropane          | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| Bromobenzene                    | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| n-Propylbenzene                 | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 2-Chlorotoluene                 | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 1,3,5-Trimethylbenzene          | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 4-Chlorotoluene                 | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| tert-butyl Benzene              | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |
| 1,2,4-Trimethylbenzene          | <1.0               | 1.0 | "    | 20.0                           | <1.0 |  | 80-120 | 0 | 20 |   |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
 26-Mar-19 15:34

**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 B9C3207 - Organics**

| <b>Matrix Spike Dup (B9C3207-MSD1)</b> | <b>Source: 19C2891-01</b> |     |      | <b>Prepared &amp; Analyzed: 26-Mar-19</b> |      |  |        |   |    |  |
|--|---------------------------|-----|------|---|------|--|--------|---|----|--|
| sec-butyl Benzene                      | <1.0                      | 1.0 | ug/L | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| p-Isopropyltoluene                     | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,3-Dichlorobenzene                    | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,4-Dichlorobenzene                    | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| n-butyl Benzene                        | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,2-Dichlorobenzene                    | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,2-Dibromo-3-chloropropane            | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,2,4-Trichlorobenzene                 | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Hexachlorobutadiene                    | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Naphthalene                            | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| 1,2,3-Trichlorobenzene                 | <1.0                      | 1.0 | "    | 20.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Total Trichloroethanes                 | <1.0                      | 1.0 | "    | 40.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Total Trihalomethanes                  | <1.0                      | 1.0 | "    | 80.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Total Xylenes                          | <1.0                      | 1.0 | "    | 60.0                                      | <1.0 |  | 80-120 | 0 | 20 |  |
| Surrogate: 4-Bromofluorobenzene        | ND                        |     | "    | 5.00                                      |      |  | 70-130 |   |    |  |
| Surrogate: 1,2-Dichlorobenzene-d4      | ND                        |     | "    | 5.00                                      |      |  | 70-130 |   |    |  |

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C2992

**Reported:**  
26-Mar-19 15:34

### Notes and Definitions

Q QC did not meet ELI acceptance criteria  
C Refer to sample comments  
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

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DRAFT REPORT

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DRAFT REPORT, DATA SUBJECT TO CHANGE

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1962992

Envirodyne Laboratories, Inc.  
11011 Brooklet, Ste. 230  
Houston, Texas 77099-3543  
Phone (281)568-7880 - Fax (281)568-8004

E A244616

Page 1 Of 1

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   |      |      |                               |                                    | ITC - Water Check |                    | pH | D.O. | Temp. | Analysis Time |
|-------------|----------------------------------|------------------|------|------|-------------------------------|------------------------------------|-------------------|--------------------|----|------|-------|---------------|
| 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                        | 3/24/19<br>11:07 | ✓    |      | (3) 40ml<br>VOA               | Liquid                             | Ice               | VOC 524.2 ✓        |    |      |       |               |
|             | Raw Water                        | 3/24/19<br>1052  | ✓    |      | (4) 1<br>L/Amb                | Liquid                             | Ice               | SVOC 525.2 ✓       |    |      |       |               |
|             | Finished Water                   | 3/24/19<br>1137  | ✓    |      | (3) 40ml<br>VOA               | Liquid                             | Ice               | VOC 524.2 ✓        |    |      |       |               |
|             | Finished Water                   | 3/24/19<br>1128  | ✓    |      | (4) 1<br>L/Amb                | Liquid                             | Ice               | SVOC 525.2 ✓       |    |      |       |               |
|             | Trip Blank                       | 3/24/19<br>1138  | ✓    |      | (2) 40ml<br>VOA               | Liquid                             | Ice               | VOC 524.2 ✓        |    |      |       |               |
|             |                                  |                  |      |      |                               |                                    |                   |                    |    |      |       |               |
|             |                                  |                  |      |      |                               |                                    |                   |                    |    |      |       |               |
|             |                                  |                  |      |      |                               |                                    |                   |                    |    |      |       |               |
|             |                                  |                  |      |      |                               |                                    |                   |                    |    |      |       |               |
|             |                                  |                  |      |      |                               |                                    |                   |                    |    |      |       |               |
|             |                                  |                  |      |      |                               |                                    |                   |                    |    |      |       |               |

|  |  |  |  |                             |                |
|--|--|--|--|-----------------------------|----------------|
| Samplers: (Signature)<br><i>FRANK T WALKER</i> | Relinquished by: (Signature)<br><i>FRANK T WALKER</i>  | Date: 3/25/19<br>Time: 1241                    | Received by: (Signature)<br><i>R. MORTON</i>                     | Date: 3-25-19<br>Time: 1245 | Seal Intact?   |
| Affiliation<br><i>City of Deer Park</i>        | Relinquished by: (Signature)<br><i>R. Morton</i>   | Date:<br>Time:                                 | Received by: (Signature)<br><i>[Signature]</i>                   | Date:<br>Time:              | 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><i>3.0/2.2</i><br><i>12#4</i> | Data Results To:<br>1.<br>Site Representative:<br><i>NJ Cook</i> | Date: 3/24/19<br>Time: 955  | Laboratory No. |