



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

04 April 2019

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

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

Enclosed are the results of analyses for samples received by the laboratory on 03-Apr-19 15:25. The analytical data provided relates only to the samples as received in this laboratory report.

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

The total number of pages in this report is 24

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

Sincerely,

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

Monica Smith  
Client Services Representative



Certificate No: T104704265-18-14



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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
04-Apr-19 21:17

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Raw Water	19D0738-01	Water	03-Apr-19 09:35	03-Apr-19 15:25
Finished Water	19D0738-02	Water	03-Apr-19 09:25	03-Apr-19 15:25
Trip Blank	19D0738-03	Water	03-Apr-19 00:00	03-Apr-19 15:25

Tetrachloroethene was outside ELI QC acceptance criteria in the Blank Spike (LCS) and Blank Spike Dup(LCSD). Compounds were not detected in samples.

Envirodyne Laboratories, Inc.

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

Monica Smith, Client Services Representative

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**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**Raw Water**  
**19D0738-01 (Water) Sampled: 03-Apr-19 09:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

Dichlorodifluoromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Vinyl Chloride	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Bromomethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Chloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Diethyl ether	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Methylene Chloride	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
<b>Chloroform</b>	<b>14</b>	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
<b>Bromodichloromethane</b>	<b>4.8</b>	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	

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Monica Smith, Client Services Representative



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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**Raw Water**

**19D0738-01 (Water) Sampled: 03-Apr-19 09:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

trans-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
<b>Dibromochloromethane</b>	<b>1.8</b>	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	Q
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	

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*Monica Smith*

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**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**Raw Water**

**19D0738-01 (Water) Sampled: 03-Apr-19 09:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Volatile Organic Compounds by EPA 524.2**

1,2-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
<b>Total Trihalomethanes</b>	<b>20</b>	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.0 %		70-130	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		90.8 %		70-130	B9D0437	03-Apr-19	03-Apr-19 23:12	EPA 524.2	BPC	

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**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**Finished Water**  
**19D0738-02 (Water) Sampled: 03-Apr-19 09:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Volatile Organic Compounds by EPA 524.2**

Dichlorodifluoromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Vinyl Chloride	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Bromomethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Chloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Diethyl ether	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Methylene Chloride	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
<b>Chloroform</b>	<b>15</b>	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
<b>Bromodichloromethane</b>	<b>5.6</b>	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	

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Monica Smith, Client Services Representative

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**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**Finished Water**  
**19D0738-02 (Water) Sampled: 03-Apr-19 09:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

trans-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
<b>Dibromochloromethane</b>	<b>2.1</b>	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	Q
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	

Envirodyne Laboratories, Inc.

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*Monica Smith*

Monica Smith, Client Services Representative



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**Finished Water**

**19D0738-02 (Water) Sampled: 03-Apr-19 09:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

1,2-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
<b>Total Trihalomethanes</b>	<b>23</b>	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.0 %		70-130	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		83.8 %		70-130	B9D0437	03-Apr-19	03-Apr-19 23:38	EPA 524.2	BPC	

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*Monica Smith*

Monica Smith, Client Services Representative

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 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**Trip Blank**  
**19D0738-03 (Water) Sampled: 03-Apr-19 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

Dichlorodifluoromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Vinyl Chloride	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Bromomethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Chloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Diethyl ether	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Methylene Chloride	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Chloroform	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Bromodichloromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	

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*Monica Smith*

Monica Smith, Client Services Representative



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 www.envirodyne.com

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**Trip Blank**  
**19D0738-03 (Water) Sampled: 03-Apr-19 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

trans-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Dibromochloromethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	Q
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	

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*Monica Smith*

Monica Smith, Client Services Representative



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 11011 Brooklet Dr., # 230  
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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**Trip Blank**  
**19D0738-03 (Water) Sampled: 03-Apr-19 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

1,2-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Total Trihalomethanes	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.2 %		70-130	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		88.4 %		70-130	B9D0437	03-Apr-19	03-Apr-19 22:47	EPA 524.2	BPC	

Envirodyne Laboratories, Inc.

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

**Blank (B9D0437-BLK1)**

Prepared & Analyzed: 03-Apr-19

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

Envirodyne Laboratories, Inc.

Monica Smith, Client Services Representative

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

**Blank (B9D0437-BLK1)**

Prepared & Analyzed: 03-Apr-19

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

Envirodyne Laboratories, Inc.

Monica Smith, Client Services Representative

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

**Blank (B9D0437-BLK1)**

Prepared & Analyzed: 03-Apr-19

Naphthalene	<1.0	1.0	ug/L							
1,2,3-Trichlorobenzene	<1.0	1.0	"							
Total Trichloroethanes	<1.0	1.0	"							
Total Trihalomethanes	<1.0	1.0	"							
Total Xylenes	<1.0	1.0	"							
<i>Surrogate: 4-Bromofluorobenzene</i>	4.4		"	5.00		89.0	70-130			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	4.0		"	5.00		79.6	70-130			

**LCS (B9D0437-BS1)**

Prepared & Analyzed: 03-Apr-19

Dichlorodifluoromethane	21	1.0	ug/L	20.0		105	80-120			
Chloromethane	22	1.0	"	20.0		110	80-120			
Vinyl Chloride	23	1.0	"	20.0		116	80-120			
Bromomethane	23	1.0	"	20.0		113	80-120			
Chloroethane	23	1.0	"	20.0		114	80-120			
Trichlorofluoromethane	23	1.0	"	20.0		113	80-120			
Diethyl ether	22	1.0	"	20.0		110	80-120			
1,1-Dichloroethene	21	1.0	"	20.0		105	80-120			
Carbon Disulfide	18	1.0	"	20.0		92.3	80-120			
Methylene Chloride	22	1.0	"	20.0		111	80-120			
MTBE (Methyl tert-butyl ether)	22	1.0	"	20.0		110	80-120			
trans-1,2-Dichloroethene	22	1.0	"	20.0		111	80-120			
1,1-Dichloroethane	23	1.0	"	20.0		116	80-120			
2,2-Dichloropropane	19	1.0	"	20.0		97.1	80-120			
cis-1,2-Dichloroethene	21	1.0	"	20.0		106	80-120			
Bromochloromethane	23	1.0	"	20.0		114	80-120			
Chloroform	20	1.0	"	20.0		102	80-120			
1,2-Dichloroethane	21	1.0	"	20.0		107	80-120			
1,1,1-Trichloroethane	22	1.0	"	20.0		109	80-120			
Methyl Acrylate	22	1.0	"	20.0		108	80-120			
Tetrahydrofuran	21	1.0	"	20.0		107	80-120			
Carbon Tetrachloride	22	1.0	"	20.0		109	80-120			
1,1-Dichloropropene	22	1.0	"	20.0		109	80-120			

Envirodyne Laboratories, Inc.

*Monica Smith*

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**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
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**Batch B9D0437 - Organics**

<b>LCS (B9D0437-BS1)</b>	<b>Prepared &amp; Analyzed: 03-Apr-19</b>									
Benzene	21	1.0	ug/L	20.0		107	80-120			
Trichloroethene	23	1.0	"	20.0		117	80-120			
1,2-Dichloropropane	22	1.0	"	20.0		111	80-120			
Methyl methacrylate	23	1.0	"	20.0		115	80-120			
Dibromomethane	21	1.0	"	20.0		106	80-120			
Bromodichloromethane	22	1.0	"	20.0		109	80-120			
cis-1,3-Dichloropropene	22	1.0	"	20.0		108	80-120			
trans-1,3-Dichloropropene	21	1.0	"	20.0		107	80-120			
1,1,2-Trichloroethane	23	1.0	"	20.0		114	80-120			
Dibromochloromethane	22	1.0	"	20.0		108	80-120			
1,2-Dibromoethane	22	1.0	"	20.0		109	80-120			
Toluene	21	1.0	"	20.0		106	80-120			
Tetrachloroethene	30	1.0	"	20.0		148	80-120			Q
1,3-Dichloropropane	22	1.0	"	20.0		109	80-120			
Chlorobenzene	21	1.0	"	20.0		104	80-120			
1,1,1,2-Tetrachloroethane	24	1.0	"	20.0		118	80-120			
Ethylbenzene	21	1.0	"	20.0		104	80-120			
m,p-Xylene	41	1.0	"	40.0		103	80-120			
o-Xylene	22	1.0	"	20.0		109	80-120			
Styrene	23	1.0	"	20.0		116	80-120			
Bromoform	23	1.0	"	20.0		114	80-120			
Isopropylbenzene (Cumene)	20	1.0	"	20.0		102	80-120			
1,1,2,2-Tetrachloroethane	20	1.0	"	20.0		98.0	80-120			
trans-1,4-Dichloro-2-butene	22	1.0	"	20.0		111	80-120			
1,2,3-Trichloropropane	22	1.0	"	20.0		109	80-120			
Bromobenzene	21	1.0	"	20.0		107	80-120			
n-Propylbenzene	20	1.0	"	20.0		102	80-120			
2-Chlorotoluene	20	1.0	"	20.0		98.9	80-120			
1,3,5-Trimethylbenzene	22	1.0	"	20.0		108	80-120			
4-Chlorotoluene	20	1.0	"	20.0		99.9	80-120			
tert-butyl Benzene	21	1.0	"	20.0		104	80-120			
1,2,4-Trimethylbenzene	22	1.0	"	20.0		109	80-120			

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**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
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**Batch B9D0437 - Organics**

**LCS (B9D0437-BS1)**

Prepared & Analyzed: 03-Apr-19

sec-butyl Benzene	23	1.0	ug/L	20.0		115	80-120			
p-Isopropyltoluene	22	1.0	"	20.0		109	80-120			
1,3-Dichlorobenzene	20	1.0	"	20.0		102	80-120			
1,4-Dichlorobenzene	21	1.0	"	20.0		104	80-120			
n-butyl Benzene	21	1.0	"	20.0		107	80-120			
1,2-Dichlorobenzene	20	1.0	"	20.0		100	80-120			
1,2-Dibromo-3-chloropropane	19	1.0	"	20.0		92.8	80-120			
1,2,4-Trichlorobenzene	20	1.0	"	20.0		100	80-120			
Hexachlorobutadiene	19	1.0	"	20.0		93.4	80-120			
Naphthalene	20	1.0	"	20.0		102	80-120			
1,2,3-Trichlorobenzene	20	1.0	"	20.0		98.4	80-120			
Total Trichloroethanes	45	1.0	"	40.0		112	80-120			
Total Trihalomethanes	87	1.0	"	80.0		108	80-120			
Total Xylenes	63	1.0	"	60.0		105	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.2		"	5.00		104	70-130			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	5.1		"	5.00		103	70-130			

**LCS Dup (B9D0437-BSD1)**

Prepared & Analyzed: 03-Apr-19

Dichlorodifluoromethane	21	1.0	ug/L	20.0		106	80-120	1.23	20	
Chloromethane	20	1.0	"	20.0		100	80-120	9.16	20	
Vinyl Chloride	20	1.0	"	20.0		98.6	80-120	16.3	20	
Bromomethane	20	1.0	"	20.0		97.8	80-120	14.1	20	
Chloroethane	19	1.0	"	20.0		94.6	80-120	18.7	20	
Trichlorofluoromethane	21	1.0	"	20.0		107	80-120	5.92	20	
Diethyl ether	20	1.0	"	20.0		102	80-120	8.49	20	
1,1-Dichloroethene	20	1.0	"	20.0		98.0	80-120	7.37	20	
Carbon Disulfide	21	1.0	"	20.0		103	80-120	10.8	20	
Methylene Chloride	19	1.0	"	20.0		96.2	80-120	14.2	20	
MTBE (Methyl tert-butyl ether)	19	1.0	"	20.0		97.1	80-120	12.4	20	
trans-1,2-Dichloroethene	20	1.0	"	20.0		100	80-120	9.87	20	
1,1-Dichloroethane	20	1.0	"	20.0		102	80-120	12.7	20	
2,2-Dichloropropane	20	1.0	"	20.0		102	80-120	5.17	20	

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**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

LCS Dup (B9D0437-BSD1)		Prepared & Analyzed: 03-Apr-19								
cis-1,2-Dichloroethene	20	1.0	ug/L	20.0		98.6	80-120	7.14	20	
Bromochloromethane	20	1.0	"	20.0		97.8	80-120	15.6	20	
Chloroform	18	1.0	"	20.0		91.8	80-120	10.8	20	
1,2-Dichloroethane	19	1.0	"	20.0		94.3	80-120	12.9	20	
1,1,1-Trichloroethane	20	1.0	"	20.0		99.2	80-120	9.32	20	
Methyl Acrylate	20	1.0	"	20.0		99.4	80-120	8.29	20	
Tetrahydrofuran	21	1.0	"	20.0		107	80-120	0.0931	20	
Carbon Tetrachloride	21	1.0	"	20.0		103	80-120	5.90	20	
1,1-Dichloropropene	20	1.0	"	20.0		101	80-120	8.24	20	
Benzene	19	1.0	"	20.0		96.0	80-120	10.7	20	
Trichloroethene	19	1.0	"	20.0		97.2	80-120	18.4	20	
1,2-Dichloropropane	20	1.0	"	20.0		99.0	80-120	11.3	20	
Methyl methacrylate	21	1.0	"	20.0		103	80-120	10.9	20	
Dibromomethane	19	1.0	"	20.0		92.7	80-120	13.4	20	
Bromodichloromethane	20	1.0	"	20.0		98.4	80-120	10.1	20	
cis-1,3-Dichloropropene	19	1.0	"	20.0		97.4	80-120	10.1	20	
trans-1,3-Dichloropropene	20	1.0	"	20.0		97.8	80-120	9.08	20	
1,1,2-Trichloroethane	19	1.0	"	20.0		96.2	80-120	17.0	20	
Dibromochloromethane	19	1.0	"	20.0		95.7	80-120	12.3	20	
1,2-Dibromoethane	19	1.0	"	20.0		94.5	80-120	13.9	20	
Toluene	19	1.0	"	20.0		97.1	80-120	8.39	20	
Tetrachloroethene	14	1.0	"	20.0		69.8	80-120	71.8	20	Q, RPD
1,3-Dichloropropane	19	1.0	"	20.0		94.2	80-120	14.7	20	
Chlorobenzene	19	1.0	"	20.0		94.2	80-120	9.60	20	
1,1,1,2-Tetrachloroethane	21	1.0	"	20.0		103	80-120	13.6	20	
Ethylbenzene	19	1.0	"	20.0		94.4	80-120	9.68	20	
m,p-Xylene	39	1.0	"	40.0		96.4	80-120	6.33	20	
o-Xylene	19	1.0	"	20.0		96.2	80-120	12.4	20	
Styrene	21	1.0	"	20.0		104	80-120	10.7	20	
Bromoform	20	1.0	"	20.0		99.4	80-120	13.6	20	
Isopropylbenzene (Cumene)	19	1.0	"	20.0		94.6	80-120	7.23	20	
1,1,2,2-Tetrachloroethane	21	1.0	"	20.0		104	80-120	5.79	20	

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*Monica Smith*

Monica Smith, Client Services Representative

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

<b>LCS Dup (B9D0437-BSD1)</b>		Prepared & Analyzed: 03-Apr-19								
trans-1,4-Dichloro-2-butene	20	1.0	ug/L	20.0		97.6	80-120	12.6	20	
1,2,3-Trichloropropane	19	1.0	"	20.0		95.7	80-120	12.8	20	
Bromobenzene	19	1.0	"	20.0		95.8	80-120	11.2	20	
n-Propylbenzene	19	1.0	"	20.0		95.0	80-120	6.96	20	
2-Chlorotoluene	18	1.0	"	20.0		91.6	80-120	7.61	20	
1,3,5-Trimethylbenzene	20	1.0	"	20.0		100	80-120	7.58	20	
4-Chlorotoluene	19	1.0	"	20.0		93.0	80-120	7.15	20	
tert-butyl Benzene	20	1.0	"	20.0		98.0	80-120	6.38	20	
1,2,4-Trimethylbenzene	21	1.0	"	20.0		103	80-120	6.32	20	
sec-butyl Benzene	21	1.0	"	20.0		107	80-120	6.99	20	
p-Isopropyltoluene	21	1.0	"	20.0		104	80-120	4.92	20	
1,3-Dichlorobenzene	19	1.0	"	20.0		96.8	80-120	5.43	20	
1,4-Dichlorobenzene	19	1.0	"	20.0		94.6	80-120	9.61	20	
n-butyl Benzene	20	1.0	"	20.0		102	80-120	4.63	20	
1,2-Dichlorobenzene	18	1.0	"	20.0		91.8	80-120	8.65	20	
1,2-Dibromo-3-chloropropane	19	1.0	"	20.0		92.7	80-120	0.162	20	
1,2,4-Trichlorobenzene	19	1.0	"	20.0		94.3	80-120	6.32	20	
Hexachlorobutadiene	20	1.0	"	20.0		102	80-120	8.66	20	
Naphthalene	18	1.0	"	20.0		91.6	80-120	11.2	20	
1,2,3-Trichlorobenzene	19	1.0	"	20.0		92.6	80-120	6.13	20	
Total Trichloroethanes	39	1.0	"	40.0		97.7	80-120	13.2	20	
Total Trihalomethanes	77	1.0	"	80.0		96.3	80-120	11.7	20	
Total Xylenes	58	1.0	"	60.0		96.3	80-120	8.41	20	
Surrogate: 4-Bromofluorobenzene	5.2		"	5.00		103	70-130			
Surrogate: 1,2-Dichlorobenzene-d4	4.8		"	5.00		95.8	70-130			

<b>Matrix Spike (B9D0437-MS1)</b>		Source: 19D0656-01			Prepared & Analyzed: 03-Apr-19					
Dichlorodifluoromethane	20	1.0	ug/L	20.0	ND	101	80-120			
Chloromethane	23	1.0	"	20.0	ND	113	80-120			
Vinyl Chloride	22	1.0	"	20.0	ND	108	80-120			
Bromomethane	22	1.0	"	20.0	ND	108	80-120			
Chloroethane	21	1.0	"	20.0	ND	107	80-120			

Envirodyne Laboratories, Inc.

*Monica Smith*

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**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

<b>Matrix Spike (B9D0437-MS1)</b>	<b>Source: 19D0656-01</b>			<b>Prepared &amp; Analyzed: 03-Apr-19</b>						
Trichlorofluoromethane	23	1.0	ug/L	20.0	ND	116	80-120			
Diethyl ether	20	1.0	"	20.0	ND	101	80-120			
1,1-Dichloroethene	19	1.0	"	20.0	ND	97.2	80-120			
Carbon Disulfide	20	1.0	"	20.0	ND	98.2	80-120			
Methylene Chloride	20	1.0	"	20.0	ND	101	80-120			
MTBE (Methyl tert-butyl ether)	20	1.0	"	20.0	ND	98.3	80-120			
trans-1,2-Dichloroethene	20	1.0	"	20.0	ND	101	80-120			
1,1-Dichloroethane	21	1.0	"	20.0	ND	105	80-120			
2,2-Dichloropropane	19	1.0	"	20.0	ND	96.0	80-120			
cis-1,2-Dichloroethene	20	1.0	"	20.0	ND	98.6	80-120			
Bromochloromethane	20	1.0	"	20.0	ND	102	80-120			
Chloroform	42	1.0	"	20.0	22	101	80-120			
1,2-Dichloroethane	20	1.0	"	20.0	ND	101	80-120			
1,1,1-Trichloroethane	20	1.0	"	20.0	ND	101	80-120			
Methyl Acrylate	21	1.0	"	20.0	ND	106	80-120			
Tetrahydrofuran	21	1.0	"	20.0	ND	105	80-120			
Carbon Tetrachloride	20	1.0	"	20.0	ND	99.0	80-120			
1,1-Dichloropropene	21	1.0	"	20.0	ND	103	80-120			
Benzene	20	1.0	"	20.0	ND	100	80-120			
Trichloroethene	19	1.0	"	20.0	ND	96.8	80-120			
1,2-Dichloropropane	21	1.0	"	20.0	ND	105	80-120			
Methyl methacrylate	21	1.0	"	20.0	ND	107	80-120			
Dibromomethane	20	1.0	"	20.0	ND	98.9	80-120			
Bromodichloromethane	30	1.0	"	20.0	7.3	115	80-120			
cis-1,3-Dichloropropene	20	1.0	"	20.0	ND	99.0	80-120			
trans-1,3-Dichloropropene	20	1.0	"	20.0	ND	99.0	80-120			
1,1,2-Trichloroethane	22	1.0	"	20.0	ND	109	80-120			
Dibromochloromethane	22	1.0	"	20.0	2.5	97.9	80-120			
1,2-Dibromoethane	20	1.0	"	20.0	ND	98.2	80-120			
Toluene	19	1.0	"	20.0	ND	96.9	80-120			
Tetrachloroethene	16	1.0	"	20.0	ND	82.2	80-120			
1,3-Dichloropropane	20	1.0	"	20.0	ND	101	80-120			

Envirodyne Laboratories, Inc.

Monica Smith, Client Services Representative

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

<b>Matrix Spike (B9D0437-MS1)</b>	<b>Source: 19D0656-01</b>			<b>Prepared &amp; Analyzed: 03-Apr-19</b>						
Chlorobenzene	19	1.0	ug/L	20.0	ND	94.6	80-120			
1,1,1,2-Tetrachloroethane	21	1.0	"	20.0	ND	105	80-120			
Ethylbenzene	19	1.0	"	20.0	ND	95.0	80-120			
m,p-Xylene	37	1.0	"	40.0	ND	93.0	80-120			
o-Xylene	19	1.0	"	20.0	ND	97.3	80-120			
Styrene	21	1.0	"	20.0	ND	106	80-120			
Bromoform	21	1.0	"	20.0	ND	104	80-120			
Isopropylbenzene (Cumene)	18	1.0	"	20.0	ND	90.6	80-120			
1,1,2,2-Tetrachloroethane	22	1.0	"	20.0	ND	109	80-120			
trans-1,4-Dichloro-2-butene	22	1.0	"	20.0	ND	109	80-120			
1,2,3-Trichloropropane	21	1.0	"	20.0	ND	103	80-120			
Bromobenzene	20	1.0	"	20.0	ND	98.3	80-120			
n-Propylbenzene	18	1.0	"	20.0	ND	92.2	80-120			
2-Chlorotoluene	18	1.0	"	20.0	ND	90.4	80-120			
1,3,5-Trimethylbenzene	19	1.0	"	20.0	ND	94.4	80-120			
4-Chlorotoluene	18	1.0	"	20.0	ND	88.9	80-120			
tert-butyl Benzene	19	1.0	"	20.0	ND	93.6	80-120			
1,2,4-Trimethylbenzene	20	1.0	"	20.0	ND	100	80-120			
sec-butyl Benzene	21	1.0	"	20.0	ND	103	80-120			
p-Isopropyltoluene	19	1.0	"	20.0	ND	95.8	80-120			
1,3-Dichlorobenzene	19	1.0	"	20.0	ND	94.7	80-120			
1,4-Dichlorobenzene	19	1.0	"	20.0	ND	93.0	80-120			
n-butyl Benzene	19	1.0	"	20.0	ND	97.3	80-120			
1,2-Dichlorobenzene	18	1.0	"	20.0	ND	89.4	80-120			
1,2-Dibromo-3-chloropropane	18	1.0	"	20.0	ND	88.2	80-120			
1,2,4-Trichlorobenzene	17	1.0	"	20.0	ND	84.4	80-120			
Hexachlorobutadiene	17	1.0	"	20.0	ND	86.1	80-120			
Naphthalene	18	1.0	"	20.0	ND	90.4	80-120			
1,2,3-Trichlorobenzene	18	1.0	"	20.0	ND	90.4	80-120			
Total Trichloroethanes	42	1.0	"	40.0	ND	105	80-120			
Total Trihalomethanes	120	1.0	"	80.0	32	104	80-120			
Total Xylenes	57	1.0	"	60.0	ND	94.4	80-120			

Envirodyne Laboratories, Inc.

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*Monica Smith*

Monica Smith, Client Services Representative



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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

**Matrix Spike (B9D0437-MS1)**

**Source: 19D0656-01**

Prepared & Analyzed: 03-Apr-19

Surrogate: 4-Bromofluorobenzene	5.4		ug/L	5.00		108	70-130			
Surrogate: 1,2-Dichlorobenzene-d4	4.8		"	5.00		95.8	70-130			

**Matrix Spike Dup (B9D0437-MSD1)**

**Source: 19D0656-01**

Prepared & Analyzed: 03-Apr-19

Dichlorodifluoromethane	18	1.0	ug/L	20.0	ND	88.6	80-120	13.0	20	
Chloromethane	20	1.0	"	20.0	ND	101	80-120	11.3	20	
Vinyl Chloride	19	1.0	"	20.0	ND	94.7	80-120	12.8	20	
Bromomethane	20	1.0	"	20.0	ND	97.6	80-120	9.70	20	
Chloroethane	20	1.0	"	20.0	ND	99.6	80-120	7.21	20	
Trichlorofluoromethane	20	1.0	"	20.0	ND	101	80-120	13.0	20	
Diethyl ether	18	1.0	"	20.0	ND	91.1	80-120	10.6	20	
1,1-Dichloroethene	17	1.0	"	20.0	ND	83.2	80-120	15.5	20	
Carbon Disulfide	17	1.0	"	20.0	ND	87.4	80-120	11.6	20	
Methylene Chloride	17	1.0	"	20.0	ND	85.2	80-120	17.1	20	
MTBE (Methyl tert-butyl ether)	18	1.0	"	20.0	ND	87.6	80-120	11.6	20	
trans-1,2-Dichloroethene	18	1.0	"	20.0	ND	92.5	80-120	8.74	20	
1,1-Dichloroethane	19	1.0	"	20.0	ND	93.6	80-120	11.0	20	
2,2-Dichloropropane	16	1.0	"	20.0	ND	82.0	80-120	15.7	20	
cis-1,2-Dichloroethene	17	1.0	"	20.0	ND	85.6	80-120	14.2	20	
Bromochloromethane	18	1.0	"	20.0	ND	88.6	80-120	14.2	20	
Chloroform	39	1.0	"	20.0	22	86.9	80-120	6.82	20	
1,2-Dichloroethane	17	1.0	"	20.0	ND	87.4	80-120	14.3	20	
1,1,1-Trichloroethane	18	1.0	"	20.0	ND	89.6	80-120	11.5	20	
Methyl Acrylate	18	1.0	"	20.0	ND	89.8	80-120	16.9	20	
Tetrahydrofuran	19	1.0	"	20.0	ND	96.8	80-120	8.03	20	
Carbon Tetrachloride	18	1.0	"	20.0	ND	88.6	80-120	11.0	20	
1,1-Dichloropropene	18	1.0	"	20.0	ND	88.6	80-120	15.3	20	
Benzene	18	1.0	"	20.0	ND	88.2	80-120	12.6	20	
Trichloroethene	17	1.0	"	20.0	ND	86.7	80-120	11.0	20	
1,2-Dichloropropane	18	1.0	"	20.0	ND	89.4	80-120	15.9	20	
Methyl methacrylate	18	1.0	"	20.0	ND	89.8	80-120	17.4	20	
Dibromomethane	17	1.0	"	20.0	ND	85.0	80-120	15.1	20	

Envirodyne Laboratories, Inc.

*Monica Smith*

Monica Smith, Client Services Representative

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

<b>Matrix Spike Dup (B9D0437-MSD1)</b>	<b>Source: 19D0656-01</b>			<b>Prepared &amp; Analyzed: 03-Apr-19</b>						
Bromodichloromethane	28	1.0	ug/L	20.0	7.3	102	80-120	8.81	20	
cis-1,3-Dichloropropene	17	1.0	"	20.0	ND	85.8	80-120	14.2	20	
trans-1,3-Dichloropropene	18	1.0	"	20.0	ND	89.3	80-120	10.4	20	
1,1,2-Trichloroethane	18	1.0	"	20.0	ND	90.7	80-120	18.2	20	
Dibromochloromethane	19	1.0	"	20.0	2.5	80.8	80-120	16.8	20	
1,2-Dibromoethane	17	1.0	"	20.0	ND	85.6	80-120	13.7	20	
Toluene	17	1.0	"	20.0	ND	83.4	80-120	14.9	20	
Tetrachloroethene	15	1.0	"	20.0	ND	75.0	80-120	9.09	20	Q
1,3-Dichloropropane	17	1.0	"	20.0	ND	85.6	80-120	16.8	20	
Chlorobenzene	16	1.0	"	20.0	ND	82.0	80-120	14.2	20	
1,1,1,2-Tetrachloroethane	19	1.0	"	20.0	ND	95.1	80-120	9.47	20	
Ethylbenzene	16	1.0	"	20.0	ND	79.9	80-120	17.3	20	Q
m,p-Xylene	33	1.0	"	40.0	ND	82.2	80-120	12.4	20	
o-Xylene	17	1.0	"	20.0	ND	83.4	80-120	15.3	20	
Styrene	19	1.0	"	20.0	ND	92.8	80-120	13.7	20	
Bromoform	17	1.0	"	20.0	ND	87.4	80-120	17.2	20	
Isopropylbenzene (Cumene)	16	1.0	"	20.0	ND	81.4	80-120	10.8	20	
1,1,2,2-Tetrachloroethane	18	1.0	"	20.0	ND	91.5	80-120	17.4	20	
trans-1,4-Dichloro-2-butene	19	1.0	"	20.0	ND	93.0	80-120	15.5	20	
1,2,3-Trichloropropane	17	1.0	"	20.0	ND	84.4	80-120	19.6	20	RPD
Bromobenzene	17	1.0	"	20.0	ND	83.0	80-120	16.9	20	
n-Propylbenzene	16	1.0	"	20.0	ND	80.8	80-120	13.1	20	
2-Chlorotoluene	18	1.0	"	20.0	ND	87.8	80-120	2.86	20	
1,3,5-Trimethylbenzene	17	1.0	"	20.0	ND	86.6	80-120	8.56	20	
4-Chlorotoluene	17	1.0	"	20.0	ND	86.0	80-120	3.32	20	
tert-butyl Benzene	17	1.0	"	20.0	ND	85.0	80-120	9.57	20	
1,2,4-Trimethylbenzene	18	1.0	"	20.0	ND	89.9	80-120	11.0	20	
sec-butyl Benzene	18	1.0	"	20.0	ND	92.2	80-120	10.9	20	
p-Isopropyltoluene	18	1.0	"	20.0	ND	87.8	80-120	8.82	20	
1,3-Dichlorobenzene	17	1.0	"	20.0	ND	84.1	80-120	11.9	20	
1,4-Dichlorobenzene	17	1.0	"	20.0	ND	83.0	80-120	11.4	20	
n-butyl Benzene	17	1.0	"	20.0	ND	84.9	80-120	13.6	20	

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Monica Smith, Client Services Representative

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19D0738

**Reported:**  
 04-Apr-19 21:17

**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
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**Batch B9D0437 - Organics**

<b>Matrix Spike Dup (B9D0437-MSD1)</b>	<b>Source: 19D0656-01</b>			<b>Prepared &amp; Analyzed: 03-Apr-19</b>						
1,2-Dichlorobenzene	17	1.0	ug/L	20.0	ND	83.0	80-120	7.42	20	
1,2-Dibromo-3-chloropropane	16	1.0	"	20.0	ND	82.4	80-120	6.86	20	
1,2,4-Trichlorobenzene	16	1.0	"	20.0	ND	81.4	80-120	3.50	20	
Hexachlorobutadiene	16	1.0	"	20.0	ND	79.7	80-120	7.72	20	Q
Naphthalene	17	1.0	"	20.0	ND	83.5	80-120	7.94	20	
1,2,3-Trichlorobenzene	18	1.0	"	20.0	ND	91.4	80-120	1.10	20	
Total Trichloroethanes	36	1.0	"	40.0	ND	90.2	80-120	14.9	20	
Total Trihalomethanes	100	1.0	"	80.0	32	89.4	80-120	11.0	20	
Total Xylenes	50	1.0	"	60.0	ND	82.6	80-120	13.4	20	
Surrogate: 4-Bromofluorobenzene	4.8		"	5.00		97.0	70-130			
Surrogate: 1,2-Dichlorobenzene-d4	4.9		"	5.00		97.6	70-130			

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Monica Smith, Client Services Representative

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**Reported:**  
04-Apr-19 21:17

### Notes and Definitions

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

Envirodyne Laboratories, Inc.

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

Monica Smith, Client Services Representative

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19D0738

Envirodyne Laboratories, Inc.  
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E A245701

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

TCEQ Certification # T104704265

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

Analysis Request and Chain of Custody Record

Project No.		Client/Project						pH	D.O.	Temp.	Analysis Time
		ITC - Water Check									
Lab ID No.	Field Sample No./ Identification	Date & Time	Grab	Comp	Sample Container (Size/Mat'l)	Sample Type (Liquid, Sludge, etc.)	Preservative	ANALYSIS REQUESTED			
	Raw Water	4/3/19 0935			(3) 40ml VOA	Liquid	Ice	VOC 524.2 ✓			
	<del>Raw Water</del> NLC 4/2/19				(4) 1 L/Amb	Liquid	Ice	<del>SVOC 525.2</del>			
	Finished Water	4/3/19 0935			(3) 40ml VOA	Liquid	Ice	VOC 524.2 ✓			
	<del>Finished Water</del> NLC 4/2/19				(4) 1 L/Amb	Liquid	Ice	<del>SVOC 525.2</del>			
	Trip Blank				(2) 40ml VOA	Liquid	Ice	VOC 524.2 ✗			

Samplers: (Signature) <b>FRANK T WALKER</b>	Relinquished by: (Signature) <b>FRANK T WALKER</b>	Date: 4/3/19 Time: 1355	Received by: (Signature) <b>R. MORTON</b>	Date: 4-3-19 Time: 1355	Seal Intact?	
Affiliation	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Seal Intact?	
Remarks:	Relinquished by: (Signature) <b>R. Morton</b>	Date: 4-3-19 Time: 1525	Received by Lab: (Signature) <b>KR</b>	Date: 4/3/19 Time: 1525	Seal Intact?	
	FLOW: _____ Meter Reading: _____ Cl <sub>2</sub> Residual: _____ Mn Correction: _____ Cl <sub>2</sub> Corrected: _____	Arrival Temp. 3.9/31 12#M	Date Results To: 1.	Site Representative: <b>FRANK T WALKER</b>	Date: 4/3/19 Time: 1355	Laboratory No.