



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

29 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 26-Mar-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,



DRAFT REPORT  
DATA SUBJECT TO CHANGE

Certificate No: T104704265-18-14



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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
29-Mar-19 08:08

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Raw Water	19C3199-01	Water	26-Mar-19 10:09	26-Mar-19 15:25
Finished Water	19C3199-02	Water	26-Mar-19 10:50	26-Mar-19 15:25
Trip Blank	19C3199-03	Water	26-Mar-19 10:09	26-Mar-19 15:25

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). Compound 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

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DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 2 of 25



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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**Raw Water**  
**19C3199-01 (Water) Sampled: 26-Mar-19 10:09**

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	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	Q
Vinyl Chloride	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Bromomethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	Q
Chloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	Q
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Diethyl ether	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Methylene Chloride	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
<b>Chloroform</b>	<b>16</b>	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
<b>Bromodichloromethane</b>	<b>4.4</b>	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	

DRAFT REPORT

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**Raw Water**  
**19C3199-01 (Water) Sampled: 26-Mar-19 10:09**

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	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Dibromochloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	C
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	

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**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**Raw Water**  
**19C3199-01 (Water) Sampled: 26-Mar-19 10:09**

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	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
<b>Total Trihalomethanes</b>	<b>20</b>	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.2 %		70-130	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		83.2 %		70-130	B9C3207	26-Mar-19	26-Mar-19 19:23	EPA 524.2	BPC	

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**Finished Water**  
**19C3199-02 (Water) Sampled: 26-Mar-19 10:50**

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	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	Q
Vinyl Chloride	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Bromomethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	Q
Chloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	Q
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Diethyl ether	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Methylene Chloride	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
<b>Chloroform</b>	<b>15</b>	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
<b>Bromodichloromethane</b>	<b>4.6</b>	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**Finished Water**  
**19C3199-02 (Water) Sampled: 26-Mar-19 10:50**

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	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Dibromochloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	C
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	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:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**Finished Water**  
**19C3199-02 (Water) Sampled: 26-Mar-19 10:50**

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	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
<b>Total Trihalomethanes</b>	<b>19</b>	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.2 %	70-130		B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		81.2 %	70-130		B9C3207	26-Mar-19	26-Mar-19 19:49	EPA 524.2	BPC	

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**Trip Blank**  
**19C3199-03 (Water) Sampled: 26-Mar-19 10:09**

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	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	Q
Vinyl Chloride	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Bromomethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	Q
Chloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	Q
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Diethyl ether	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Methylene Chloride	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Chloroform	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Bromodichloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	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:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**Trip Blank**  
**19C3199-03 (Water) Sampled: 26-Mar-19 10:09**

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	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Dibromochloromethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	C
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**Trip Blank**  
**19C3199-03 (Water) Sampled: 26-Mar-19 10:09**

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	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Total Trihalomethanes	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.0 %		70-130	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		81.4 %		70-130	B9C3207	26-Mar-19	26-Mar-19 18:57	EPA 524.2	BPC	

DRAFT REPORT

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**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>Blank (B9C3207-BLK1)</b>										
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	"							
Dibromomethane	<1.0	1.0	"							
Bromodichloromethane	<1.0	1.0	"							
cis-1,3-Dichloropropene	<1.0	1.0	"							
trans-1,3-Dichloropropene	<1.0	1.0	"							
1,1,2-Trichloroethane	<1.0	1.0	"							

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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**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 B9C3207 - Organics**

**Blank (B9C3207-BLK1)**

Prepared & Analyzed: 26-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	"							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	"							
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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**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**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 B9C3207 - Organics**

**Blank (B9C3207-BLK1)**

Prepared & Analyzed: 26-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>	4.5		"	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			
1,1,1-Trichloroethane	20	1.0	"	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			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B9C3207 - Organics**

<b>LCS (B9C3207-BS1)</b>		Prepared & Analyzed: 26-Mar-19								
Benzene	22	1.0	ug/L	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			
2-Chlorotoluene	21	1.0	"	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			

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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 B9C3207 - Organics**

<b>LCS (B9C3207-BS1)</b>		Prepared & Analyzed: 26-Mar-19								
sec-butyl Benzene	19	1.0	ug/L	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			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.8</i>		<i>"</i>	<i>5.00</i>		<i>96.0</i>	<i>70-130</i>			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>4.6</i>		<i>"</i>	<i>5.00</i>		<i>92.0</i>	<i>70-130</i>			

<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	
Methylene Chloride	20	1.0	"	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	

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**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 B9C3207 - Organics**

<b>LCS Dup (B9C3207-BSD1)</b>	<b>Prepared &amp; Analyzed: 26-Mar-19</b>									
cis-1,2-Dichloroethene	21	1.0	ug/L	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		
o-Xylene	21	1.0	"	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		

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**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**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 B9C3207 - Organics**

<b>LCS Dup (B9C3207-BSD1)</b>		Prepared & Analyzed: 26-Mar-19								
trans-1,4-Dichloro-2-butene	20	1.0	ug/L	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			

<b>Matrix Spike (B9C3207-MS1)</b>		Source: 19C2891-01			Prepared & Analyzed: 26-Mar-19					
Dichlorodifluoromethane	33	2.0	ug/L	40.0	ND	82.0	80-120			
Chloromethane	51	2.0	"	40.0	ND	127	80-120			Q
Vinyl Chloride	45	2.0	"	40.0	ND	112	80-120			
Bromomethane	46	2.0	"	40.0	ND	114	80-120			
Chloroethane	49	2.0	"	40.0	ND	123	80-120			Q

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**Envirodyne Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B9C3207 - Organics**

<b>Matrix Spike (B9C3207-MS1)</b>	<b>Source: 19C2891-01</b>			<b>Prepared &amp; Analyzed: 26-Mar-19</b>						
Trichlorofluoromethane	31	2.0	ug/L	40.0	ND	77.8	80-120			Q
Diethyl ether	43	2.0	"	40.0	ND	106	80-120			
1,1-Dichloroethene	39	2.0	"	40.0	ND	96.4	80-120			
Carbon Disulfide	32	2.0	"	40.0	ND	79.4	80-120			Q
Methylene Chloride	40	2.0	"	40.0	ND	99.6	80-120			
MTBE (Methyl tert-butyl ether)	41	2.0	"	40.0	ND	102	80-120			
trans-1,2-Dichloroethene	38	2.0	"	40.0	ND	95.9	80-120			
1,1-Dichloroethane	40	2.0	"	40.0	ND	100	80-120			
2,2-Dichloropropane	36	2.0	"	40.0	ND	89.8	80-120			
cis-1,2-Dichloroethene	39	2.0	"	40.0	ND	97.6	80-120			
Bromochloromethane	35	2.0	"	40.0	ND	88.5	80-120			
Chloroform	39	2.0	"	40.0	ND	97.9	80-120			
1,2-Dichloroethane	42	2.0	"	40.0	ND	106	80-120			
1,1,1-Trichloroethane	36	2.0	"	40.0	ND	89.1	80-120			
Methyl Acrylate	42	2.0	"	40.0	ND	105	80-120			
Tetrahydrofuran	41	2.0	"	40.0	ND	103	80-120			
Carbon Tetrachloride	32	2.0	"	40.0	ND	79.4	80-120			Q
1,1-Dichloropropene	40	2.0	"	40.0	ND	101	80-120			
Benzene	41	2.0	"	40.0	ND	103	80-120			
Trichloroethene	39	2.0	"	40.0	ND	98.0	80-120			
1,2-Dichloropropane	42	2.0	"	40.0	ND	105	80-120			
Methyl methacrylate	40	2.0	"	40.0	ND	99.1	80-120			
Dibromomethane	40	2.0	"	40.0	ND	99.0	80-120			
Bromodichloromethane	36	2.0	"	40.0	ND	90.5	80-120			
cis-1,3-Dichloropropene	40	2.0	"	40.0	ND	99.6	80-120			
trans-1,3-Dichloropropene	38	2.0	"	40.0	ND	94.1	80-120			
1,1,2-Trichloroethane	42	2.0	"	40.0	ND	106	80-120			
Dibromochloromethane	31	2.0	"	40.0	ND	76.4	80-120			Q
1,2-Dibromoethane	40	2.0	"	40.0	ND	98.8	80-120			
Toluene	38	2.0	"	40.0	ND	94.2	80-120			
Tetrachloroethene	38	2.0	"	40.0	ND	94.0	80-120			
1,3-Dichloropropane	42	2.0	"	40.0	ND	105	80-120			

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:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**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 B9C3207 - Organics**

<b>Matrix Spike (B9C3207-MS1)</b>	<b>Source: 19C2891-01</b>			<b>Prepared &amp; Analyzed: 26-Mar-19</b>						
Chlorobenzene	34	2.0	ug/L	40.0	ND	85.8	80-120			
1,1,1,2-Tetrachloroethane	35	2.0	"	40.0	ND	88.1	80-120			
Ethylbenzene	40	2.0	"	40.0	ND	101	80-120			
m,p-Xylene	79	2.0	"	80.0	ND	98.3	80-120			
o-Xylene	39	2.0	"	40.0	ND	97.1	80-120			
Styrene	37	2.0	"	40.0	ND	91.9	80-120			
Bromoform	26	2.0	"	40.0	ND	64.4	80-120			C, Q
Isopropylbenzene (Cumene)	40	2.0	"	40.0	ND	99.3	80-120			
1,1,2,2-Tetrachloroethane	40	2.0	"	40.0	ND	101	80-120			
trans-1,4-Dichloro-2-butene	38	2.0	"	40.0	ND	94.6	80-120			
1,2,3-Trichloropropane	38	2.0	"	40.0	ND	95.2	80-120			
Bromobenzene	35	2.0	"	40.0	ND	87.6	80-120			
n-Propylbenzene	40	2.0	"	40.0	ND	101	80-120			
2-Chlorotoluene	39	2.0	"	40.0	ND	97.6	80-120			
1,3,5-Trimethylbenzene	39	2.0	"	40.0	ND	96.5	80-120			
4-Chlorotoluene	40	2.0	"	40.0	ND	99.8	80-120			
tert-butyl Benzene	37	2.0	"	40.0	ND	93.2	80-120			
1,2,4-Trimethylbenzene	38	2.0	"	40.0	ND	95.5	80-120			
sec-butyl Benzene	36	2.0	"	40.0	ND	89.8	80-120			
p-Isopropyltoluene	38	2.0	"	40.0	ND	94.2	80-120			
1,3-Dichlorobenzene	37	2.0	"	40.0	ND	93.6	80-120			
1,4-Dichlorobenzene	36	2.0	"	40.0	ND	90.8	80-120			
n-butyl Benzene	40	2.0	"	40.0	ND	100	80-120			
1,2-Dichlorobenzene	36	2.0	"	40.0	ND	90.3	80-120			
1,2-Dibromo-3-chloropropane	32	2.0	"	40.0	ND	79.3	80-120			Q
1,2,4-Trichlorobenzene	34	2.0	"	40.0	ND	85.2	80-120			
Hexachlorobutadiene	30	2.0	"	40.0	ND	74.8	80-120			Q
Naphthalene	35	2.0	"	40.0	ND	88.5	80-120			
1,2,3-Trichlorobenzene	35	2.0	"	40.0	ND	87.5	80-120			
Total Trichloroethanes	84	2.0	"	80.0	ND	105	80-120			
Total Trihalomethanes	130	2.0	"	160	ND	82.3	80-120			
Total Xylenes	120	2.0	"	120	ND	97.9	80-120			

DRAFT REPORT

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**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**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 B9C3207 - Organics**

**Matrix Spike (B9C3207-MS1)**

**Source: 19C2891-01**

Prepared & Analyzed: 26-Mar-19

Surrogate: 4-Bromofluorobenzene	4.8		ug/L	5.00		96.6	70-130			
Surrogate: 1,2-Dichlorobenzene-d4	4.5		"	5.00		90.0	70-130			

**Matrix Spike Dup (B9C3207-MSD1)**

**Source: 19C2891-01**

Prepared & Analyzed: 26-Mar-19

Dichlorodifluoromethane	33	2.0	ug/L	40.0	ND	81.7	80-120	0.367	20	
Chloromethane	51	2.0	"	40.0	ND	127	80-120	0.236	20	Q
Vinyl Chloride	46	2.0	"	40.0	ND	116	80-120	3.32	20	
Bromomethane	54	2.0	"	40.0	ND	134	80-120	16.6	20	Q
Chloroethane	49	2.0	"	40.0	ND	122	80-120	0.449	20	Q
Trichlorofluoromethane	37	2.0	"	40.0	ND	93.2	80-120	18.1	20	
Diethyl ether	45	2.0	"	40.0	ND	113	80-120	6.06	20	
1,1-Dichloroethene	40	2.0	"	40.0	ND	99.4	80-120	3.07	20	
Carbon Disulfide	37	2.0	"	40.0	ND	91.5	80-120	14.1	20	
Methylene Chloride	42	2.0	"	40.0	ND	106	80-120	5.80	20	
MTBE (Methyl tert-butyl ether)	43	2.0	"	40.0	ND	109	80-120	5.78	20	
trans-1,2-Dichloroethene	40	2.0	"	40.0	ND	99.8	80-120	3.94	20	
1,1-Dichloroethane	43	2.0	"	40.0	ND	107	80-120	6.62	20	
2,2-Dichloropropane	38	2.0	"	40.0	ND	95.2	80-120	5.79	20	
cis-1,2-Dichloroethene	42	2.0	"	40.0	ND	105	80-120	7.07	20	
Bromochloromethane	38	2.0	"	40.0	ND	96.2	80-120	8.34	20	
Chloroform	42	2.0	"	40.0	ND	105	80-120	6.71	20	
1,2-Dichloroethane	45	2.0	"	40.0	ND	112	80-120	5.38	20	
1,1,1-Trichloroethane	37	2.0	"	40.0	ND	93.2	80-120	4.44	20	
Methyl Acrylate	44	2.0	"	40.0	ND	109	80-120	4.11	20	
Tetrahydrofuran	42	2.0	"	40.0	ND	104	80-120	0.773	20	
Carbon Tetrachloride	33	2.0	"	40.0	ND	82.7	80-120	4.07	20	
1,1-Dichloropropene	41	2.0	"	40.0	ND	103	80-120	1.52	20	
Benzene	43	2.0	"	40.0	ND	108	80-120	5.22	20	
Trichloroethene	41	2.0	"	40.0	ND	103	80-120	4.88	20	
1,2-Dichloropropane	45	2.0	"	40.0	ND	112	80-120	6.26	20	
Methyl methacrylate	41	2.0	"	40.0	ND	103	80-120	3.71	20	
Dibromomethane	42	2.0	"	40.0	ND	104	80-120	5.12	20	

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**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**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 B9C3207 - Organics**

<b>Matrix Spike Dup (B9C3207-MSD1)</b>	<b>Source: 19C2891-01</b>			<b>Prepared &amp; Analyzed: 26-Mar-19</b>						
Bromodichloromethane	38	2.0	ug/L	40.0	ND	95.9	80-120	5.79	20	
cis-1,3-Dichloropropene	43	2.0	"	40.0	ND	108	80-120	7.86	20	
trans-1,3-Dichloropropene	40	2.0	"	40.0	ND	101	80-120	7.07	20	
1,1,2-Trichloroethane	45	2.0	"	40.0	ND	112	80-120	5.25	20	
Dibromochloromethane	33	2.0	"	40.0	ND	82.7	80-120	7.85	20	
1,2-Dibromoethane	41	2.0	"	40.0	ND	102	80-120	3.73	20	
Toluene	40	2.0	"	40.0	ND	99.8	80-120	5.83	20	
Tetrachloroethene	38	2.0	"	40.0	ND	96.0	80-120	2.21	20	
1,3-Dichloropropane	44	2.0	"	40.0	ND	110	80-120	4.19	20	
Chlorobenzene	36	2.0	"	40.0	ND	90.4	80-120	5.28	20	
1,1,1,2-Tetrachloroethane	37	2.0	"	40.0	ND	91.4	80-120	3.62	20	
Ethylbenzene	42	2.0	"	40.0	ND	104	80-120	3.33	20	
m,p-Xylene	80	2.0	"	80.0	ND	100	80-120	1.69	20	
o-Xylene	40	2.0	"	40.0	ND	101	80-120	3.84	20	
Styrene	38	2.0	"	40.0	ND	96.0	80-120	4.31	20	
Bromoform	28	2.0	"	40.0	ND	69.4	80-120	7.32	20	C, Q
Isopropylbenzene (Cumene)	40	2.0	"	40.0	ND	99.2	80-120	0.0504	20	
1,1,2,2-Tetrachloroethane	43	2.0	"	40.0	ND	107	80-120	5.69	20	
trans-1,4-Dichloro-2-butene	42	2.0	"	40.0	ND	104	80-120	9.37	20	
1,2,3-Trichloropropane	41	2.0	"	40.0	ND	102	80-120	7.24	20	
Bromobenzene	37	2.0	"	40.0	ND	93.0	80-120	6.04	20	
n-Propylbenzene	40	2.0	"	40.0	ND	101	80-120	0.445	20	
2-Chlorotoluene	41	2.0	"	40.0	ND	101	80-120	3.77	20	
1,3,5-Trimethylbenzene	39	2.0	"	40.0	ND	97.1	80-120	0.620	20	
4-Chlorotoluene	41	2.0	"	40.0	ND	102	80-120	2.62	20	
tert-butyl Benzene	37	2.0	"	40.0	ND	91.6	80-120	1.79	20	
1,2,4-Trimethylbenzene	39	2.0	"	40.0	ND	98.6	80-120	3.14	20	
sec-butyl Benzene	36	2.0	"	40.0	ND	89.8	80-120	0.0557	20	
p-Isopropyltoluene	37	2.0	"	40.0	ND	92.2	80-120	2.04	20	
1,3-Dichlorobenzene	38	2.0	"	40.0	ND	94.8	80-120	1.27	20	
1,4-Dichlorobenzene	38	2.0	"	40.0	ND	94.7	80-120	4.26	20	
n-butyl Benzene	39	2.0	"	40.0	ND	98.2	80-120	2.07	20	

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**Work Order:** 19C3199

**Reported:**  
 29-Mar-19 08:08

**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 B9C3207 - Organics**

<b>Matrix Spike Dup (B9C3207-MSD1)</b>	<b>Source: 19C2891-01</b>			<b>Prepared &amp; Analyzed: 26-Mar-19</b>						
1,2-Dichlorobenzene	38	2.0	ug/L	40.0	ND	95.6	80-120	5.65	20	
1,2-Dibromo-3-chloropropane	35	2.0	"	40.0	ND	88.4	80-120	10.9	20	
1,2,4-Trichlorobenzene	36	2.0	"	40.0	ND	89.5	80-120	4.86	20	
Hexachlorobutadiene	31	2.0	"	40.0	ND	77.2	80-120	3.16	20	Q
Naphthalene	38	2.0	"	40.0	ND	95.0	80-120	7.14	20	
1,2,3-Trichlorobenzene	35	2.0	"	40.0	ND	86.8	80-120	0.861	20	
Total Trichloroethanes	82	2.0	"	80.0	ND	102	80-120	2.89	20	
Total Trihalomethanes	140	2.0	"	160	ND	88.2	80-120	6.85	20	
Total Xylenes	120	2.0	"	120	ND	100	80-120	2.41	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.8</i>		<i>"</i>	<i>5.00</i>		<i>96.0</i>	<i>70-130</i>			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>4.5</i>		<i>"</i>	<i>5.00</i>		<i>90.8</i>	<i>70-130</i>			

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29-Mar-19 08:08

### 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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19C3199

Envirodyne Laboratories, Inc.  
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Phone (281)568-7880 - Fax (281)568-8004

E A244614

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							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	3/26/19 1009	✓		(3) 40ml VOA	Liquid	Ice	VOC 524.2 ✓				
	Raw Water	3/26/19 1007	✓		(4) 1 L/Amb	Liquid	Ice	SVOC 525.2 ✓				
	Finished Water 0950FTW	3/26/19 10:50	✓		(3) 40ml VOA	Liquid	Ice	VOC 524.2 ✓				
	Finished Water FTW 0950	3/26/19 10:50	✓		(4) 1 L/Amb	Liquid	Ice	SVOC 525.2 ✓				
	Trip Blank	3/26/19 1009	✓		(2) 40ml VOA	Liquid	Ice	VOC 524.2 ✓				

Samplers: (Signature) <b>FRANK T WALKER</b>	Relinquished by: (Signature) <b>FRANK T WALKER</b>	Date: 3/26/19 Time: 1330	Received by: (Signature) <b>R. MORTON</b>	Date: 3-26-19 Time: 1330	Seal Intact? <b>Yes</b>
Affiliation <b>City of Deer Park</b>	Relinquished by: (Signature) <b>R. Morton</b>	Date: 3-26-19 Time: 1525	Received by: (Signature) <b>[Signature]</b>	Date: 3/26/19 Time: 1525	Seal Intact? <b>Yes</b>
Remarks:	FLOW: _____ Meter Reading: _____ Cl <sub>2</sub> Residual: _____ Mn Correction: _____ Cl <sub>2</sub> Corrected: _____	Arrival Temp. <b>5.5(4.7 12#4)</b>	Data Results To: 1. Site Representative: <b>Nichloas Cook</b>	Date: 3/26/19 Time: 1030	Laboratory No.