



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

09 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 28-Mar-19 16:05. 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



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:** 19C3472

**Reported:**  
09-Apr-19 06:52

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Raw Water	19C3472-01	Water	28-Mar-19 14:32	28-Mar-19 16:05
Finished Water	19C3472-02	Water	28-Mar-19 14:30	28-Mar-19 16:05
TRIP BLANK	19C3472-03	Water	28-Mar-19 00:00	28-Mar-19 16:05

Tetrachloroethene, Naphthalene, and 1,2,3-Trichlorobenzene was outside ELI QC acceptance criteria in the Blank Spike (LCS) and Blank Spike Dup (LCSD). Compounds were not detected in the samples.

C=Chloroform was a laboratory contamination.

DRAFT REPORT

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

DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 2 of 25



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:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**Raw Water**

**19C3472-01 (Water) Sampled: 28-Mar-19 14:32**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

Dichlorodifluoromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Vinyl Chloride	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Bromomethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Chloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Diethyl ether	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Methylene Chloride	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
<b>Chloroform</b>	<b>21</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
<b>Bromodichloromethane</b>	<b>6.3</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**Raw Water**  
**19C3472-01 (Water) Sampled: 28-Mar-19 14:32**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

trans-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
<b>Dibromochloromethane</b>	<b>1.3</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	Q
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**Raw Water**

**19C3472-01 (Water) Sampled: 28-Mar-19 14:32**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

1,2-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	Q
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	Q
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
<b>Total Trihalomethanes</b>	<b>28</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.4 %		70-130	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		91.6 %		70-130	B9D0121	01-Apr-19	01-Apr-19 16:11	EPA 524.2	BPC	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**Finished Water**  
**19C3472-02 (Water) Sampled: 28-Mar-19 14:30**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

Dichlorodifluoromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Vinyl Chloride	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Bromomethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Chloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Diethyl ether	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Methylene Chloride	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
<b>Chloroform</b>	<b>20</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
<b>Bromodichloromethane</b>	<b>7.4</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**Finished Water**  
**19C3472-02 (Water) Sampled: 28-Mar-19 14:30**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

trans-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
<b>Dibromochloromethane</b>	<b>1.5</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	Q
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**Finished Water**  
**19C3472-02 (Water) Sampled: 28-Mar-19 14:30**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

1,2-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	Q
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	Q
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
<b>Total Trihalomethanes</b>	<b>29</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.0 %		70-130	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		89.2 %		70-130	B9D0121	01-Apr-19	01-Apr-19 16:36	EPA 524.2	BPC	

DRAFT REPORT

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





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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**TRIP BLANK**

**19C3472-03 (Water) Sampled: 28-Mar-19 00:00**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

Dichlorodifluoromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Vinyl Chloride	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Bromomethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Chloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Diethyl ether	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Methylene Chloride	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
<b>Chloroform</b>	<b>1.0</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	C
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Bromodichloromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**TRIP BLANK**

**19C3472-03 (Water) Sampled: 28-Mar-19 00:00**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

trans-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Dibromochloromethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	Q
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**TRIP BLANK**

**19C3472-03 (Water) Sampled: 28-Mar-19 00:00**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

1,2-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	Q
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	Q
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
<b>Total Trihalomethanes</b>	<b>1.0</b>	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.6 %		70-130	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		94.6 %		70-130	B9D0121	01-Apr-19	01-Apr-19 15:46	EPA 524.2	BPC	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

**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 B9D0121 - Organics</b>										
<b>Blank (B9D0121-BLK1)</b>				Prepared & Analyzed: 01-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	"							

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

**Blank (B9D0121-BLK1)**

Prepared & Analyzed: 01-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	"							

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

**Blank (B9D0121-BLK1)**

Prepared & Analyzed: 01-Apr-19

Naphthalene	<1.0	1.0	ug/L							
1,2,3-Trichlorobenzene	<1.0	1.0	"							
Total Trichloroethanes	<1.0	1.0	"							
Total Trihalomethanes	<1.0	1.0	"							
Total Xylenes	<1.0	1.0	"							
<i>Surrogate: 4-Bromofluorobenzene</i>	4.6		"	5.00		91.2	70-130			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	4.6		"	5.00		92.6	70-130			

**LCS (B9D0121-BS1)**

Prepared & Analyzed: 01-Apr-19

Dichlorodifluoromethane	21	1.0	ug/L	20.0		104	80-120			
Chloromethane	21	1.0	"	20.0		104	80-120			
Vinyl Chloride	21	1.0	"	20.0		107	80-120			
Bromomethane	21	1.0	"	20.0		103	80-120			
Chloroethane	20	1.0	"	20.0		99.7	80-120			
Trichlorofluoromethane	21	1.0	"	20.0		107	80-120			
Diethyl ether	21	1.0	"	20.0		103	80-120			
1,1-Dichloroethene	21	1.0	"	20.0		103	80-120			
Carbon Disulfide	18	1.0	"	20.0		91.4	80-120			
Methylene Chloride	20	1.0	"	20.0		97.6	80-120			
MTBE (Methyl tert-butyl ether)	20	1.0	"	20.0		99.0	80-120			
trans-1,2-Dichloroethene	20	1.0	"	20.0		98.2	80-120			
1,1-Dichloroethane	20	1.0	"	20.0		99.8	80-120			
2,2-Dichloropropane	19	1.0	"	20.0		95.5	80-120			
cis-1,2-Dichloroethene	20	1.0	"	20.0		100	80-120			
Bromochloromethane	19	1.0	"	20.0		97.1	80-120			
Chloroform	21	1.0	"	20.0		103	80-120			
1,2-Dichloroethane	20	1.0	"	20.0		100	80-120			
1,1,1-Trichloroethane	20	1.0	"	20.0		98.5	80-120			
Methyl Acrylate	19	1.0	"	20.0		94.6	80-120			
Tetrahydrofuran	17	1.0	"	20.0		86.8	80-120			
Carbon Tetrachloride	21	1.0	"	20.0		104	80-120			
1,1-Dichloropropene	20	1.0	"	20.0		101	80-120			

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

<b>LCS (B9D0121-BS1)</b>	<b>Prepared &amp; Analyzed: 01-Apr-19</b>									
Benzene	20	1.0	ug/L	20.0		101	80-120			
Trichloroethene	20	1.0	"	20.0		102	80-120			
1,2-Dichloropropane	21	1.0	"	20.0		104	80-120			
Methyl methacrylate	20	1.0	"	20.0		97.5	80-120			
Dibromomethane	20	1.0	"	20.0		102	80-120			
Bromodichloromethane	22	1.0	"	20.0		108	80-120			
cis-1,3-Dichloropropene	21	1.0	"	20.0		107	80-120			
trans-1,3-Dichloropropene	20	1.0	"	20.0		101	80-120			
1,1,2-Trichloroethane	21	1.0	"	20.0		105	80-120			
Dibromochloromethane	21	1.0	"	20.0		103	80-120			
1,2-Dibromoethane	21	1.0	"	20.0		104	80-120			
Toluene	20	1.0	"	20.0		102	80-120			
Tetrachloroethene	24	1.0	"	20.0		121	80-120			Q
1,3-Dichloropropane	20	1.0	"	20.0		99.8	80-120			
Chlorobenzene	18	1.0	"	20.0		92.4	80-120			
1,1,1,2-Tetrachloroethane	19	1.0	"	20.0		96.8	80-120			
Ethylbenzene	20	1.0	"	20.0		99.4	80-120			
m,p-Xylene	40	1.0	"	40.0		99.2	80-120			
o-Xylene	20	1.0	"	20.0		101	80-120			
Styrene	19	1.0	"	20.0		96.8	80-120			
Bromoform	19	1.0	"	20.0		96.9	80-120			
Isopropylbenzene (Cumene)	21	1.0	"	20.0		103	80-120			
1,1,2,2-Tetrachloroethane	18	1.0	"	20.0		90.8	80-120			
trans-1,4-Dichloro-2-butene	17	1.0	"	20.0		86.8	80-120			
1,2,3-Trichloropropane	18	1.0	"	20.0		90.7	80-120			
Bromobenzene	19	1.0	"	20.0		95.5	80-120			
n-Propylbenzene	20	1.0	"	20.0		99.3	80-120			
2-Chlorotoluene	20	1.0	"	20.0		97.8	80-120			
1,3,5-Trimethylbenzene	20	1.0	"	20.0		99.3	80-120			
4-Chlorotoluene	19	1.0	"	20.0		97.3	80-120			
tert-butyl Benzene	20	1.0	"	20.0		101	80-120			
1,2,4-Trimethylbenzene	20	1.0	"	20.0		97.6	80-120			

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

<b>LCS (B9D0121-BS1)</b>		Prepared & Analyzed: 01-Apr-19								
sec-butyl Benzene	19	1.0	ug/L	20.0		93.0	80-120			
p-Isopropyltoluene	20	1.0	"	20.0		98.7	80-120			
1,3-Dichlorobenzene	19	1.0	"	20.0		93.2	80-120			
1,4-Dichlorobenzene	19	1.0	"	20.0		96.6	80-120			
n-butyl Benzene	20	1.0	"	20.0		99.4	80-120			
1,2-Dichlorobenzene	19	1.0	"	20.0		97.0	80-120			
1,2-Dibromo-3-chloropropane	18	1.0	"	20.0		92.4	80-120			
1,2,4-Trichlorobenzene	17	1.0	"	20.0		83.4	80-120			
Hexachlorobutadiene	19	1.0	"	20.0		94.4	80-120			
Naphthalene	16	1.0	"	20.0		79.8	80-120			Q
1,2,3-Trichlorobenzene	15	1.0	"	20.0		77.4	80-120			Q
Total Trichloroethanes	41	1.0	"	40.0		102	80-120			
Total Trihalomethanes	82	1.0	"	80.0		103	80-120			
Total Xylenes	60	1.0	"	60.0		99.8	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.8</i>		<i>"</i>	<i>5.00</i>		<i>95.8</i>	<i>70-130</i>			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>5.0</i>		<i>"</i>	<i>5.00</i>		<i>101</i>	<i>70-130</i>			

<b>LCS Dup (B9D0121-BSD1)</b>		Prepared & Analyzed: 01-Apr-19								
Dichlorodifluoromethane	19	1.0	ug/L	20.0		96.4	80-120	7.44	20	
Chloromethane	22	1.0	"	20.0		108	80-120	3.95	20	
Vinyl Chloride	21	1.0	"	20.0		105	80-120	1.56	20	
Bromomethane	21	1.0	"	20.0		103	80-120	0.242	20	
Chloroethane	23	1.0	"	20.0		114	80-120	13.3	20	
Trichlorofluoromethane	22	1.0	"	20.0		112	80-120	3.93	20	
Diethyl ether	22	1.0	"	20.0		109	80-120	5.80	20	
1,1-Dichloroethene	22	1.0	"	20.0		108	80-120	4.08	20	
Carbon Disulfide	19	1.0	"	20.0		97.0	80-120	5.89	20	
Methylene Chloride	20	1.0	"	20.0		98.6	80-120	0.969	20	
MTBE (Methyl tert-butyl ether)	21	1.0	"	20.0		103	80-120	3.91	20	
trans-1,2-Dichloroethene	21	1.0	"	20.0		104	80-120	5.40	20	
1,1-Dichloroethane	21	1.0	"	20.0		103	80-120	3.54	20	
2,2-Dichloropropane	19	1.0	"	20.0		97.0	80-120	1.61	20	

DRAFT REPORT

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





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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

<b>LCS Dup (B9D0121-BSD1)</b>		Prepared & Analyzed: 01-Apr-19								
cis-1,2-Dichloroethene	21	1.0	ug/L	20.0	107	80-120	7.19	20		
Bromochloromethane	21	1.0	"	20.0	105	80-120	8.15	20		
Chloroform	22	1.0	"	20.0	108	80-120	4.17	20		
1,2-Dichloroethane	21	1.0	"	20.0	104	80-120	4.21	20		
1,1,1-Trichloroethane	21	1.0	"	20.0	103	80-120	4.71	20		
Methyl Acrylate	21	1.0	"	20.0	107	80-120	12.1	20		
Tetrahydrofuran	21	1.0	"	20.0	103	80-120	17.1	20		
Carbon Tetrachloride	21	1.0	"	20.0	103	80-120	0.873	20		
1,1-Dichloropropene	21	1.0	"	20.0	104	80-120	3.32	20		
Benzene	21	1.0	"	20.0	103	80-120	2.40	20		
Trichloroethene	21	1.0	"	20.0	106	80-120	3.90	20		
1,2-Dichloropropane	21	1.0	"	20.0	107	80-120	2.66	20		
Methyl methacrylate	21	1.0	"	20.0	105	80-120	7.74	20		
Dibromomethane	21	1.0	"	20.0	105	80-120	2.61	20		
Bromodichloromethane	21	1.0	"	20.0	107	80-120	0.981	20		
cis-1,3-Dichloropropene	23	1.0	"	20.0	114	80-120	6.09	20		
trans-1,3-Dichloropropene	21	1.0	"	20.0	106	80-120	4.89	20		
1,1,2-Trichloroethane	22	1.0	"	20.0	108	80-120	2.68	20		
Dibromochloromethane	21	1.0	"	20.0	105	80-120	1.39	20		
1,2-Dibromoethane	22	1.0	"	20.0	110	80-120	5.86	20		
Toluene	21	1.0	"	20.0	104	80-120	1.88	20		
Tetrachloroethene	25	1.0	"	20.0	123	80-120	1.88	20	Q	
1,3-Dichloropropane	22	1.0	"	20.0	108	80-120	7.85	20		
Chlorobenzene	19	1.0	"	20.0	94.5	80-120	2.25	20		
1,1,1,2-Tetrachloroethane	21	1.0	"	20.0	104	80-120	7.36	20		
Ethylbenzene	21	1.0	"	20.0	104	80-120	4.48	20		
m,p-Xylene	40	1.0	"	40.0	101	80-120	1.63	20		
o-Xylene	20	1.0	"	20.0	102	80-120	1.03	20		
Styrene	20	1.0	"	20.0	97.6	80-120	0.720	20		
Bromoform	21	1.0	"	20.0	106	80-120	8.69	20		
Isopropylbenzene (Cumene)	21	1.0	"	20.0	103	80-120	0.534	20		
1,1,2,2-Tetrachloroethane	20	1.0	"	20.0	99.0	80-120	8.69	20		

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

<b>LCS Dup (B9D0121-BSD1)</b>	<b>Prepared &amp; Analyzed: 01-Apr-19</b>									
trans-1,4-Dichloro-2-butene	19	1.0	ug/L	20.0		96.7	80-120	10.8	20	
1,2,3-Trichloropropane	21	1.0	"	20.0		103	80-120	12.8	20	
Bromobenzene	20	1.0	"	20.0		97.6	80-120	2.12	20	
n-Propylbenzene	20	1.0	"	20.0		100	80-120	1.10	20	
2-Chlorotoluene	20	1.0	"	20.0		100	80-120	2.48	20	
1,3,5-Trimethylbenzene	20	1.0	"	20.0		99.0	80-120	0.303	20	
4-Chlorotoluene	20	1.0	"	20.0		101	80-120	3.48	20	
tert-butyl Benzene	20	1.0	"	20.0		101	80-120	0.00	20	
1,2,4-Trimethylbenzene	20	1.0	"	20.0		99.7	80-120	2.13	20	
sec-butyl Benzene	19	1.0	"	20.0		95.0	80-120	2.13	20	
p-Isopropyltoluene	21	1.0	"	20.0		103	80-120	3.83	20	
1,3-Dichlorobenzene	19	1.0	"	20.0		96.8	80-120	3.79	20	
1,4-Dichlorobenzene	19	1.0	"	20.0		97.2	80-120	0.619	20	
n-butyl Benzene	20	1.0	"	20.0		102	80-120	2.34	20	
1,2-Dichlorobenzene	20	1.0	"	20.0		101	80-120	3.74	20	
1,2-Dibromo-3-chloropropane	22	1.0	"	20.0		110	80-120	17.3	20	
1,2,4-Trichlorobenzene	18	1.0	"	20.0		91.6	80-120	9.37	20	
Hexachlorobutadiene	22	1.0	"	20.0		108	80-120	13.5	20	
Naphthalene	18	1.0	"	20.0		91.8	80-120	14.0	20	
1,2,3-Trichlorobenzene	18	1.0	"	20.0		87.6	80-120	12.3	20	
Total Trichloroethanes	42	1.0	"	40.0		106	80-120	3.67	20	
Total Trihalomethanes	85	1.0	"	80.0		106	80-120	3.25	20	
Total Xylenes	61	1.0	"	60.0		101	80-120	1.43	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>5.0</i>		<i>"</i>	<i>5.00</i>		<i>99.4</i>	<i>70-130</i>			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>5.1</i>		<i>"</i>	<i>5.00</i>		<i>103</i>	<i>70-130</i>			

<b>Matrix Spike (B9D0121-MS1)</b>	<b>Source: 19C3468-01</b>			<b>Prepared &amp; Analyzed: 01-Apr-19</b>						
Dichlorodifluoromethane	19	1.0	ug/L	20.0	ND	93.0	80-120			
Chloromethane	24	1.0	"	20.0	ND	118	80-120			
Vinyl Chloride	21	1.0	"	20.0	ND	107	80-120			
Bromomethane	20	1.0	"	20.0	ND	98.4	80-120			
Chloroethane	24	1.0	"	20.0	ND	119	80-120			

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

<b>Matrix Spike (B9D0121-MS1)</b>	<b>Source: 19C3468-01</b>			<b>Prepared &amp; Analyzed: 01-Apr-19</b>						
Trichlorofluoromethane	22	1.0	ug/L	20.0	ND	111	80-120			
Diethyl ether	21	1.0	"	20.0	ND	103	80-120			
1,1-Dichloroethene	19	1.0	"	20.0	ND	95.9	80-120			
Carbon Disulfide	16	1.0	"	20.0	ND	81.0	80-120			
Methylene Chloride	20	1.0	"	20.0	ND	100	80-120			
MTBE (Methyl tert-butyl ether)	20	1.0	"	20.0	ND	98.3	80-120			
trans-1,2-Dichloroethene	19	1.0	"	20.0	ND	96.0	80-120			
1,1-Dichloroethane	20	1.0	"	20.0	ND	100	80-120			
2,2-Dichloropropane	18	1.0	"	20.0	ND	89.2	80-120			
cis-1,2-Dichloroethene	20	1.0	"	20.0	ND	100	80-120			
Bromochloromethane	19	1.0	"	20.0	ND	96.0	80-120			
Chloroform	49	1.0	"	20.0	30	95.5	80-120			
1,2-Dichloroethane	20	1.0	"	20.0	ND	101	80-120			
1,1,1-Trichloroethane	19	1.0	"	20.0	ND	94.8	80-120			
Methyl Acrylate	22	1.0	"	20.0	ND	108	80-120			
Tetrahydrofuran	21	1.0	"	20.0	ND	107	80-120			
Carbon Tetrachloride	19	1.0	"	20.0	ND	94.0	80-120			
1,1-Dichloropropene	20	1.0	"	20.0	ND	98.0	80-120			
Benzene	20	1.0	"	20.0	ND	101	80-120			
Trichloroethene	20	1.0	"	20.0	ND	98.8	80-120			
1,2-Dichloropropane	21	1.0	"	20.0	ND	107	80-120			
Methyl methacrylate	20	1.0	"	20.0	ND	99.8	80-120			
Dibromomethane	20	1.0	"	20.0	ND	102	80-120			
Bromodichloromethane	30	1.0	"	20.0	7.8	110	80-120			
cis-1,3-Dichloropropene	21	1.0	"	20.0	ND	104	80-120			
trans-1,3-Dichloropropene	20	1.0	"	20.0	ND	98.0	80-120			
1,1,2-Trichloroethane	21	1.0	"	20.0	ND	106	80-120			
Dibromochloromethane	22	1.0	"	20.0	1.6	101	80-120			
1,2-Dibromoethane	20	1.0	"	20.0	ND	99.2	80-120			
Toluene	20	1.0	"	20.0	ND	99.2	80-120			
Tetrachloroethene	19	1.0	"	20.0	ND	96.2	80-120			
1,3-Dichloropropane	21	1.0	"	20.0	ND	105	80-120			

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

<b>Matrix Spike (B9D0121-MS1)</b>	<b>Source: 19C3468-01</b>			<b>Prepared &amp; Analyzed: 01-Apr-19</b>						
Chlorobenzene	18	1.0	ug/L	20.0	ND	88.0	80-120			
1,1,1,2-Tetrachloroethane	19	1.0	"	20.0	ND	96.9	80-120			
Ethylbenzene	20	1.0	"	20.0	ND	97.6	80-120			
m,p-Xylene	38	1.0	"	40.0	ND	96.0	80-120			
o-Xylene	19	1.0	"	20.0	ND	97.2	80-120			
Styrene	18	1.0	"	20.0	ND	91.7	80-120			
Bromoform	18	1.0	"	20.0	ND	91.2	80-120			
Isopropylbenzene (Cumene)	19	1.0	"	20.0	ND	97.0	80-120			
1,1,2,2-Tetrachloroethane	21	1.0	"	20.0	ND	104	80-120			
trans-1,4-Dichloro-2-butene	20	1.0	"	20.0	ND	98.6	80-120			
1,2,3-Trichloropropane	20	1.0	"	20.0	ND	100	80-120			
Bromobenzene	19	1.0	"	20.0	ND	95.2	80-120			
n-Propylbenzene	19	1.0	"	20.0	ND	94.0	80-120			
2-Chlorotoluene	19	1.0	"	20.0	ND	95.2	80-120			
1,3,5-Trimethylbenzene	19	1.0	"	20.0	ND	96.0	80-120			
4-Chlorotoluene	19	1.0	"	20.0	ND	93.8	80-120			
tert-butyl Benzene	19	1.0	"	20.0	ND	95.8	80-120			
1,2,4-Trimethylbenzene	18	1.0	"	20.0	ND	92.5	80-120			
sec-butyl Benzene	17	1.0	"	20.0	ND	87.2	80-120			
p-Isopropyltoluene	18	1.0	"	20.0	ND	92.2	80-120			
1,3-Dichlorobenzene	18	1.0	"	20.0	ND	89.2	80-120			
1,4-Dichlorobenzene	18	1.0	"	20.0	ND	89.6	80-120			
n-butyl Benzene	19	1.0	"	20.0	ND	96.4	80-120			
1,2-Dichlorobenzene	18	1.0	"	20.0	ND	91.9	80-120			
1,2-Dibromo-3-chloropropane	21	1.0	"	20.0	ND	105	80-120			
1,2,4-Trichlorobenzene	17	1.0	"	20.0	ND	83.6	80-120			
Hexachlorobutadiene	18	1.0	"	20.0	ND	89.2	80-120			
Naphthalene	18	1.0	"	20.0	ND	87.9	80-120			
1,2,3-Trichlorobenzene	17	1.0	"	20.0	ND	85.3	80-120			
Total Trichloroethanes	40	1.0	"	40.0	ND	100	80-120			
Total Trihalomethanes	120	1.0	"	80.0	ND	149	80-120			Q
Total Xylenes	58	1.0	"	60.0	ND	96.4	80-120			

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

<b>Matrix Spike (B9D0121-MS1)</b>	<b>Source: 19C3468-01</b>			<b>Prepared &amp; Analyzed: 01-Apr-19</b>						
Surrogate: 4-Bromofluorobenzene	5.1		ug/L	5.00		103	70-130			
Surrogate: 1,2-Dichlorobenzene-d4	5.1		"	5.00		102	70-130			

<b>Matrix Spike Dup (B9D0121-MSD1)</b>	<b>Source: 19C3468-01</b>			<b>Prepared &amp; Analyzed: 01-Apr-19</b>						
Dichlorodifluoromethane	19	1.0	ug/L	20.0	ND	94.7	80-120	1.76	20	
Chloromethane	23	1.0	"	20.0	ND	113	80-120	4.06	20	
Vinyl Chloride	20	1.0	"	20.0	ND	101	80-120	5.47	20	
Bromomethane	19	1.0	"	20.0	ND	97.0	80-120	1.38	20	
Chloroethane	22	1.0	"	20.0	ND	112	80-120	6.38	20	
Trichlorofluoromethane	23	1.0	"	20.0	ND	114	80-120	2.40	20	
Diethyl ether	20	1.0	"	20.0	ND	99.4	80-120	3.61	20	
1,1-Dichloroethene	20	1.0	"	20.0	ND	97.8	80-120	1.91	20	
Carbon Disulfide	16	1.0	"	20.0	ND	81.8	80-120	0.983	20	
Methylene Chloride	19	1.0	"	20.0	ND	95.4	80-120	4.71	20	
MTBE (Methyl tert-butyl ether)	19	1.0	"	20.0	ND	94.2	80-120	4.21	20	
trans-1,2-Dichloroethene	18	1.0	"	20.0	ND	90.4	80-120	6.01	20	
1,1-Dichloroethane	20	1.0	"	20.0	ND	98.4	80-120	1.86	20	
2,2-Dichloropropane	17	1.0	"	20.0	ND	85.5	80-120	4.24	20	
cis-1,2-Dichloroethene	19	1.0	"	20.0	ND	94.3	80-120	5.82	20	
Bromochloromethane	19	1.0	"	20.0	ND	94.6	80-120	1.47	20	
Chloroform	47	1.0	"	20.0	30	86.0	80-120	3.96	20	
1,2-Dichloroethane	20	1.0	"	20.0	ND	98.6	80-120	2.16	20	
1,1,1-Trichloroethane	19	1.0	"	20.0	ND	94.0	80-120	0.901	20	
Methyl Acrylate	21	1.0	"	20.0	ND	103	80-120	4.21	20	
Tetrahydrofuran	22	1.0	"	20.0	ND	112	80-120	3.79	20	
Carbon Tetrachloride	19	1.0	"	20.0	ND	97.3	80-120	3.40	20	
1,1-Dichloropropene	19	1.0	"	20.0	ND	95.0	80-120	3.16	20	
Benzene	20	1.0	"	20.0	ND	98.2	80-120	3.16	20	
Trichloroethene	19	1.0	"	20.0	ND	94.4	80-120	4.56	20	
1,2-Dichloropropane	20	1.0	"	20.0	ND	101	80-120	5.80	20	
Methyl methacrylate	20	1.0	"	20.0	ND	97.6	80-120	2.23	20	
Dibromomethane	20	1.0	"	20.0	ND	98.4	80-120	3.64	20	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

<b>Matrix Spike Dup (B9D0121-MSD1)</b>	<b>Source: 19C3468-01</b>			<b>Prepared &amp; Analyzed: 01-Apr-19</b>						
Bromodichloromethane	30	1.0	ug/L	20.0	7.8	109	80-120	1.04	20	
cis-1,3-Dichloropropene	20	1.0	"	20.0	ND	100	80-120	3.48	20	
trans-1,3-Dichloropropene	19	1.0	"	20.0	ND	96.8	80-120	1.28	20	
1,1,2-Trichloroethane	21	1.0	"	20.0	ND	103	80-120	2.83	20	
Dibromochloromethane	21	1.0	"	20.0	1.6	97.1	80-120	3.64	20	
1,2-Dibromoethane	20	1.0	"	20.0	ND	99.4	80-120	0.252	20	
Toluene	19	1.0	"	20.0	ND	94.9	80-120	4.43	20	
Tetrachloroethene	20	1.0	"	20.0	ND	99.2	80-120	3.12	20	
1,3-Dichloropropane	20	1.0	"	20.0	ND	100	80-120	4.15	20	
Chlorobenzene	17	1.0	"	20.0	ND	85.7	80-120	2.59	20	
1,1,1,2-Tetrachloroethane	19	1.0	"	20.0	ND	93.7	80-120	3.36	20	
Ethylbenzene	19	1.0	"	20.0	ND	96.5	80-120	1.08	20	
m,p-Xylene	39	1.0	"	40.0	ND	96.4	80-120	0.338	20	
o-Xylene	20	1.0	"	20.0	ND	98.0	80-120	0.768	20	
Styrene	18	1.0	"	20.0	ND	91.7	80-120	0.00	20	
Bromoform	19	1.0	"	20.0	ND	94.2	80-120	3.29	20	
Isopropylbenzene (Cumene)	20	1.0	"	20.0	ND	97.9	80-120	0.872	20	
1,1,2,2-Tetrachloroethane	20	1.0	"	20.0	ND	100	80-120	3.48	20	
trans-1,4-Dichloro-2-butene	20	1.0	"	20.0	ND	98.2	80-120	0.407	20	
1,2,3-Trichloropropane	20	1.0	"	20.0	ND	98.0	80-120	1.97	20	
Bromobenzene	19	1.0	"	20.0	ND	93.4	80-120	1.91	20	
n-Propylbenzene	19	1.0	"	20.0	ND	96.9	80-120	3.04	20	
2-Chlorotoluene	19	1.0	"	20.0	ND	96.8	80-120	1.56	20	
1,3,5-Trimethylbenzene	19	1.0	"	20.0	ND	97.2	80-120	1.19	20	
4-Chlorotoluene	19	1.0	"	20.0	ND	95.0	80-120	1.27	20	
tert-butyl Benzene	19	1.0	"	20.0	ND	97.4	80-120	1.60	20	
1,2,4-Trimethylbenzene	19	1.0	"	20.0	ND	94.6	80-120	2.24	20	
sec-butyl Benzene	18	1.0	"	20.0	ND	91.7	80-120	5.03	20	
p-Isopropyltoluene	19	1.0	"	20.0	ND	96.8	80-120	4.97	20	
1,3-Dichlorobenzene	18	1.0	"	20.0	ND	90.8	80-120	1.78	20	
1,4-Dichlorobenzene	18	1.0	"	20.0	ND	91.4	80-120	1.93	20	
n-butyl Benzene	20	1.0	"	20.0	ND	98.6	80-120	2.36	20	

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
 09-Apr-19 06:52

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

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

**Batch B9D0121 - Organics**

<b>Matrix Spike Dup (B9D0121-MSD1)</b>	<b>Source: 19C3468-01</b>			<b>Prepared &amp; Analyzed: 01-Apr-19</b>						
1,2-Dichlorobenzene	19	1.0	ug/L	20.0	ND	94.3	80-120	2.58	20	
1,2-Dibromo-3-chloropropane	21	1.0	"	20.0	ND	104	80-120	0.335	20	
1,2,4-Trichlorobenzene	18	1.0	"	20.0	ND	88.2	80-120	5.47	20	
Hexachlorobutadiene	18	1.0	"	20.0	ND	91.0	80-120	2.00	20	
Naphthalene	18	1.0	"	20.0	ND	87.9	80-120	0.00	20	
1,2,3-Trichlorobenzene	17	1.0	"	20.0	ND	83.0	80-120	2.79	20	
Total Trichloroethanes	39	1.0	"	40.0	ND	98.3	80-120	1.91	20	
Total Trihalomethanes	120	1.0	"	80.0	ND	146	80-120	2.03	20	Q
Total Xylenes	58	1.0	"	60.0	ND	96.9	80-120	0.483	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.6</i>		<i>"</i>	<i>5.00</i>		<i>93.0</i>	<i>70-130</i>			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>5.0</i>		<i>"</i>	<i>5.00</i>		<i>99.8</i>	<i>70-130</i>			

DRAFT REPORT

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



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

**Client:** Deer Park, City of  
**Project:** Deer Park, City of - ITC Water Check  
**Work Order:** 19C3472

**Reported:**  
09-Apr-19 06:52

### 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

---

DRAFT REPORT

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

---

DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 24 of 25





19C3472

Envirodyne Laboratories, Inc.

11011 Brooklet, Ste. 230

Houston, Texas 77099-3543

Phone (281)568-7880 - Fax (281)568-8004

E A245136

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

TCEQ Certification # T104704265

Analysis Request and Chain of Custody Record

Name: Deer Park City of  
Address: 2117 East X Street  
City: Deer Park, TX 77536  
Contact: Nichloas Cook

Phone: 832-421-7387

Fax:

Project No.		Client/Project					ITC - Water Check		pH	D.O.	Temp.	Analysis Time
LAB ID No.	Field Sample No./ Identification	Date & Time	Grab	Comp	Sample Container (Size/Mat'l)	Sample Type (Liquid, Sludge, etc.)	Preservative	ANALYSIS REQUESTED				
	Raw Water	3/28/19 1432			(3) 40ml VOA	Liquid	Ice	VOC 524.2				
	Raw Water	3/28/19 1428			(4) 1 L/Amb	Liquid	Ice	SVOC 525.2				
	Finished Water	3-28-19 1430			(3) 40ml VOA	Liquid	Ice	VOC 524.2				
	Finished Water	3-28-19 1430			(4) 1 L/Amb	Liquid	Ice	SVOC 525.2				
	Trip Blank				(2) 40ml VOA	Liquid	Ice	VOC 524.2				

Samplers: (Signature) <i>Pole/Smith</i>	Relinquished by: (Signature) <b>FRANK T WALKER</b>	Date: 3/28/19 Time: 1435	Received by: (Signature) <i>R. Mott</i>	Date: 3-28-19 Time: 1435	Seal Intact?
FRANK T WALKER	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Seal Intact?
Affiliation	Relinquished by: (Signature) <i>R. Mott</i>	Date: 3-28-19 Time: 1605	Received by Lab: (Signature) <i>M. Dug</i>	Date: 3/28/19 Time: 1605	Seal Intact?
Remarks:	FLOW: _____ Meter Reading: _____ Cl <sub>2</sub> Residual: _____ Mn Correction: _____ Cl <sub>2</sub> Contin: _____	Arrival Temp. 43/3.4 <i>SP07</i>	Data Results To: 1. Site Representative: <b>FRANK T WALKER</b>	Date: 3/28/19 Time: 1435	Laboratory No.