



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 01-Apr-19 14:15. 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 26

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:** 19D0371

**Reported:**  
09-Apr-19 06:54

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Raw Water	19D0371-01	Water	01-Apr-19 10:33	01-Apr-19 14:15
Finished Water	19D0371-02	Water	01-Apr-19 10:16	01-Apr-19 14:15
Trip Blank	19D0371-03	Water	01-Apr-19 00:00	01-Apr-19 14:15

C= Tetrachloroethene, 1,2-Dibromo-3-chloropropane, and Naphthalene was bias low in the Continuing Calibration(CCV).  
Compounds were not detected in the samples.

Chloromethane, Vinyl Chloride, Trichlorofluoromethane, Carbon Disulfide, Bromoform, 1,2-Dibromo-3-chloropropane,  
1,2,4-Trichlorobenzene, Naphthalene, and 1,2,3-Trichlorobenzene were outside the LCS ELI QC acceptance criteria.  
Compounds were not detected in samples.

DRAFT REPORT

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

DRAFT REPORT, DATA SUBJECT TO CHANGE

Page 2 of 27



**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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**Raw Water**  
**19D0371-01 (Water) Sampled: 01-Apr-19 10:33**

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	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	Q
Vinyl Chloride	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	Q
Bromomethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Chloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	Q
Diethyl ether	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	Q
Methylene Chloride	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
<b>Chloroform</b>	<b>17</b>	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
<b>Bromodichloromethane</b>	<b>5.4</b>	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**Raw Water**  
**19D0371-01 (Water) Sampled: 01-Apr-19 10:33**

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	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
<b>Dibromochloromethane</b>	<b>1.1</b>	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	C
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	Q
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**Raw Water**  
**19D0371-01 (Water) Sampled: 01-Apr-19 10:33**

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	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	C, Q
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	Q
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	C, Q
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	Q
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
<b>Total Trihalomethanes</b>	<b>23</b>	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.2 %		70-130	B9D0274	02-Apr-19	02-Apr-19 15:06	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		84.8 %		70-130	B9D0274	02-Apr-19	02-Apr-19 15:06	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**Finished Water**  
**19D0371-02 (Water) Sampled: 01-Apr-19 10:16**

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	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	Q
Vinyl Chloride	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	Q
Bromomethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Chloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	Q
Diethyl ether	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	Q
Methylene Chloride	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
<b>Chloroform</b>	<b>18</b>	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
<b>Bromodichloromethane</b>	<b>6.3</b>	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**Finished Water**  
**19D0371-02 (Water) Sampled: 01-Apr-19 10:16**

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	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
<b>Dibromochloromethane</b>	<b>1.5</b>	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	C
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	Q
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**Finished Water**  
**19D0371-02 (Water) Sampled: 01-Apr-19 10:16**

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	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	C, Q
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	Q
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	C, Q
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	Q
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
<b>Total Trihalomethanes</b>	<b>26</b>	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.0 %		70-130	B9D0274	02-Apr-19	02-Apr-19 15:31	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		93.4 %		70-130	B9D0274	02-Apr-19	02-Apr-19 15:31	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**Trip Blank**  
**19D0371-03 (Water) Sampled: 01-Apr-19 00:00**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

Dichlorodifluoromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Chloromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	Q
Vinyl Chloride	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	Q
Bromomethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Chloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Trichlorofluoromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	Q
Diethyl ether	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,1-Dichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Carbon Disulfide	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	Q
Methylene Chloride	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
trans-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,1-Dichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
2,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
cis-1,2-Dichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Bromochloromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Chloroform	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,2-Dichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,1,1-Trichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Methyl Acrylate	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Tetrahydrofuran	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Carbon Tetrachloride	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,1-Dichloropropene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Trichloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,2-Dichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Methyl methacrylate	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Dibromomethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Bromodichloromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
cis-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**Trip Blank**  
**19D0371-03 (Water) Sampled: 01-Apr-19 00:00**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

trans-1,3-Dichloropropene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,1,2-Trichloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Dibromochloromethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,2-Dibromoethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Toluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Tetrachloroethene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	C
1,3-Dichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Chlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,1,1,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Ethylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
m,p-Xylene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
o-Xylene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Styrene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Bromoform	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	Q
Isopropylbenzene (Cumene)	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,1,2,2-Tetrachloroethane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
trans-1,4-Dichloro-2-butene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,2,3-Trichloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Bromobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
n-Propylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
2-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,3,5-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
4-Chlorotoluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
tert-butyl Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,2,4-Trimethylbenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
sec-butyl Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
p-Isopropyltoluene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,3-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,4-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
n-butyl Benzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**Trip Blank**  
**19D0371-03 (Water) Sampled: 01-Apr-19 00:00**

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

**Envirodyne Laboratories, Inc.**

**Volatile Organic Compounds by EPA 524.2**

1,2-Dichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	C, Q
1,2,4-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	Q
Hexachlorobutadiene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Naphthalene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	C, Q
1,2,3-Trichlorobenzene	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	Q
Total Trichloroethanes	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Total Trihalomethanes	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
Total Xylenes	<1.0	1.0	ug/L	1	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.4 %		70-130	B9D0274	02-Apr-19	02-Apr-19 14:40	EPA 524.2	BPC	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		92.0 %		70-130	B9D0274	02-Apr-19	02-Apr-19 14:40	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics</b>										
<b>Blank (B9D0274-BLK1)</b>				Prepared & Analyzed: 02-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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

**Blank (B9D0274-BLK1)**

Prepared & Analyzed: 02-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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

<b>Blank (B9D0274-BLK1)</b>		Prepared & Analyzed: 02-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>	4.7		"	5.00		94.6	70-130			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	4.5		"	5.00		90.0	70-130			

<b>LCS (B9D0274-BS1)</b>		Prepared & Analyzed: 02-Apr-19								
Dichlorodifluoromethane	17	1.0	ug/L	20.0		87.3	80-120			
Chloromethane	22	1.0	"	20.0		108	80-120			
Vinyl Chloride	22	1.0	"	20.0		108	80-120			
Bromomethane	20	1.0	"	20.0		101	80-120			
Chloroethane	22	1.0	"	20.0		110	80-120			
Trichlorofluoromethane	22	1.0	"	20.0		111	80-120			
Diethyl ether	20	1.0	"	20.0		99.4	80-120			
1,1-Dichloroethene	20	1.0	"	20.0		101	80-120			
Carbon Disulfide	16	1.0	"	20.0		78.0	80-120			Q
Methylene Chloride	20	1.0	"	20.0		101	80-120			
MTBE (Methyl tert-butyl ether)	18	1.0	"	20.0		91.9	80-120			
trans-1,2-Dichloroethene	19	1.0	"	20.0		97.2	80-120			
1,1-Dichloroethane	19	1.0	"	20.0		94.4	80-120			
2,2-Dichloropropane	19	1.0	"	20.0		93.9	80-120			
cis-1,2-Dichloroethene	19	1.0	"	20.0		97.4	80-120			
Bromochloromethane	20	1.0	"	20.0		97.8	80-120			
Chloroform	20	1.0	"	20.0		98.8	80-120			
1,2-Dichloroethane	19	1.0	"	20.0		94.2	80-120			
1,1,1-Trichloroethane	19	1.0	"	20.0		92.6	80-120			
Methyl Acrylate	18	1.0	"	20.0		90.4	80-120			
Tetrahydrofuran	20	1.0	"	20.0		98.4	80-120			
Carbon Tetrachloride	18	1.0	"	20.0		90.0	80-120			
1,1-Dichloropropene	19	1.0	"	20.0		96.2	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

<b>LCS (B9D0274-BS1)</b>	<b>Prepared &amp; Analyzed: 02-Apr-19</b>									
Benzene	20	1.0	ug/L	20.0		101	80-120			
Trichloroethene	19	1.0	"	20.0		96.8	80-120			
1,2-Dichloropropane	20	1.0	"	20.0		100	80-120			
Methyl methacrylate	18	1.0	"	20.0		89.9	80-120			
Dibromomethane	19	1.0	"	20.0		93.4	80-120			
Bromodichloromethane	19	1.0	"	20.0		94.0	80-120			
cis-1,3-Dichloropropene	20	1.0	"	20.0		97.8	80-120			
trans-1,3-Dichloropropene	17	1.0	"	20.0		86.9	80-120			
1,1,2-Trichloroethane	20	1.0	"	20.0		99.3	80-120			
Dibromochloromethane	17	1.0	"	20.0		87.3	80-120			
1,2-Dibromoethane	19	1.0	"	20.0		93.6	80-120			
Toluene	20	1.0	"	20.0		99.2	80-120			
Tetrachloroethene	17	1.0	"	20.0		84.5	80-120			
1,3-Dichloropropane	21	1.0	"	20.0		103	80-120			
Chlorobenzene	18	1.0	"	20.0		89.0	80-120			
1,1,1,2-Tetrachloroethane	17	1.0	"	20.0		86.9	80-120			
Ethylbenzene	19	1.0	"	20.0		97.4	80-120			
m,p-Xylene	39	1.0	"	40.0		97.0	80-120			
o-Xylene	19	1.0	"	20.0		96.8	80-120			
Styrene	18	1.0	"	20.0		91.6	80-120			
Bromoform	16	1.0	"	20.0		79.0	80-120			Q
Isopropylbenzene (Cumene)	20	1.0	"	20.0		99.1	80-120			
1,1,2,2-Tetrachloroethane	18	1.0	"	20.0		91.0	80-120			
trans-1,4-Dichloro-2-butene	17	1.0	"	20.0		86.8	80-120			
1,2,3-Trichloropropane	17	1.0	"	20.0		87.2	80-120			
Bromobenzene	18	1.0	"	20.0		91.4	80-120			
n-Propylbenzene	19	1.0	"	20.0		96.8	80-120			
2-Chlorotoluene	19	1.0	"	20.0		95.5	80-120			
1,3,5-Trimethylbenzene	19	1.0	"	20.0		96.2	80-120			
4-Chlorotoluene	19	1.0	"	20.0		96.4	80-120			
tert-butyl Benzene	19	1.0	"	20.0		95.7	80-120			
1,2,4-Trimethylbenzene	19	1.0	"	20.0		94.4	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

<b>LCS (B9D0274-BS1)</b>		Prepared & Analyzed: 02-Apr-19								
sec-butyl Benzene	18	1.0	ug/L	20.0		90.9	80-120			
p-Isopropyltoluene	19	1.0	"	20.0		97.2	80-120			
1,3-Dichlorobenzene	18	1.0	"	20.0		90.4	80-120			
1,4-Dichlorobenzene	19	1.0	"	20.0		93.0	80-120			
n-butyl Benzene	20	1.0	"	20.0		101	80-120			
1,2-Dichlorobenzene	18	1.0	"	20.0		92.0	80-120			
1,2-Dibromo-3-chloropropane	16	1.0	"	20.0		79.4	80-120			Q
1,2,4-Trichlorobenzene	15	1.0	"	20.0		77.0	80-120			Q
Hexachlorobutadiene	21	1.0	"	20.0		103	80-120			
Naphthalene	13	1.0	"	20.0		64.2	80-120			Q
1,2,3-Trichlorobenzene	14	1.0	"	20.0		68.1	80-120			Q
Total Trichloroethanes	38	1.0	"	40.0		95.9	80-120			
Total Trihalomethanes	72	1.0	"	80.0		89.8	80-120			
Total Xylenes	58	1.0	"	60.0		97.0	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.9</i>		<i>"</i>	<i>5.00</i>		<i>98.0</i>	<i>70-130</i>			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>4.9</i>		<i>"</i>	<i>5.00</i>		<i>98.0</i>	<i>70-130</i>			

<b>LCS Dup (B9D0274-BSD1)</b>		Prepared & Analyzed: 02-Apr-19								
Dichlorodifluoromethane	20	1.0	ug/L	20.0		101	80-120	14.6	20	
Chloromethane	25	1.0	"	20.0		123	80-120	13.0	20	Q
Vinyl Chloride	25	1.0	"	20.0		123	80-120	13.0	20	Q
Bromomethane	22	1.0	"	20.0		110	80-120	8.40	20	
Chloroethane	24	1.0	"	20.0		120	80-120	8.81	20	
Trichlorofluoromethane	26	1.0	"	20.0		130	80-120	15.4	20	Q
Diethyl ether	23	1.0	"	20.0		113	80-120	12.6	20	
1,1-Dichloroethene	23	1.0	"	20.0		114	80-120	11.6	20	
Carbon Disulfide	19	1.0	"	20.0		92.8	80-120	17.4	20	
Methylene Chloride	23	1.0	"	20.0		115	80-120	13.1	20	
MTBE (Methyl tert-butyl ether)	21	1.0	"	20.0		104	80-120	12.4	20	
trans-1,2-Dichloroethene	22	1.0	"	20.0		110	80-120	12.0	20	
1,1-Dichloroethane	22	1.0	"	20.0		110	80-120	14.9	20	
2,2-Dichloropropane	21	1.0	"	20.0		105	80-120	11.3	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

<b>LCS Dup (B9D0274-BSD1)</b>	<b>Prepared &amp; Analyzed: 02-Apr-19</b>									
cis-1,2-Dichloroethene	22	1.0	ug/L	20.0	109	80-120	11.2	20		
Bromochloromethane	21	1.0	"	20.0	104	80-120	6.67	20		
Chloroform	22	1.0	"	20.0	112	80-120	12.8	20		
1,2-Dichloroethane	21	1.0	"	20.0	107	80-120	12.6	20		
1,1,1-Trichloroethane	21	1.0	"	20.0	103	80-120	11.0	20		
Methyl Acrylate	21	1.0	"	20.0	107	80-120	16.9	20		
Tetrahydrofuran	21	1.0	"	20.0	103	80-120	5.00	20		
Carbon Tetrachloride	21	1.0	"	20.0	106	80-120	16.7	20		
1,1-Dichloropropene	22	1.0	"	20.0	111	80-120	14.1	20		
Benzene	22	1.0	"	20.0	110	80-120	9.05	20		
Trichloroethene	22	1.0	"	20.0	112	80-120	14.8	20		
1,2-Dichloropropane	22	1.0	"	20.0	112	80-120	11.2	20		
Methyl methacrylate	20	1.0	"	20.0	100	80-120	10.8	20		
Dibromomethane	21	1.0	"	20.0	106	80-120	12.3	20		
Bromodichloromethane	22	1.0	"	20.0	108	80-120	13.4	20		
cis-1,3-Dichloropropene	23	1.0	"	20.0	113	80-120	14.5	20		
trans-1,3-Dichloropropene	21	1.0	"	20.0	103	80-120	17.1	20		
1,1,2-Trichloroethane	23	1.0	"	20.0	115	80-120	14.3	20		
Dibromochloromethane	19	1.0	"	20.0	96.7	80-120	10.2	20		
1,2-Dibromoethane	22	1.0	"	20.0	109	80-120	15.2	20		
Toluene	23	1.0	"	20.0	115	80-120	14.8	20		
Tetrachloroethene	20	1.0	"	20.0	102	80-120	18.3	20		
1,3-Dichloropropane	22	1.0	"	20.0	112	80-120	9.21	20		
Chlorobenzene	20	1.0	"	20.0	102	80-120	13.5	20		
1,1,1,2-Tetrachloroethane	20	1.0	"	20.0	101	80-120	15.1	20		
Ethylbenzene	22	1.0	"	20.0	110	80-120	12.4	20		
m,p-Xylene	45	1.0	"	40.0	112	80-120	14.2	20		
o-Xylene	22	1.0	"	20.0	110	80-120	12.7	20		
Styrene	21	1.0	"	20.0	104	80-120	13.0	20		
Bromoform	18	1.0	"	20.0	92.0	80-120	15.3	20		
Isopropylbenzene (Cumene)	23	1.0	"	20.0	113	80-120	13.2	20		
1,1,2,2-Tetrachloroethane	21	1.0	"	20.0	103	80-120	12.6	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

<b>LCS Dup (B9D0274-BSD1)</b>	<b>Prepared &amp; Analyzed: 02-Apr-19</b>									
trans-1,4-Dichloro-2-butene	19	1.0	ug/L	20.0		96.8	80-120	10.8	20	
1,2,3-Trichloropropane	20	1.0	"	20.0		97.5	80-120	11.2	20	
Bromobenzene	21	1.0	"	20.0		103	80-120	12.0	20	
n-Propylbenzene	23	1.0	"	20.0		113	80-120	15.1	20	
2-Chlorotoluene	22	1.0	"	20.0		110	80-120	13.8	20	
1,3,5-Trimethylbenzene	22	1.0	"	20.0		111	80-120	14.2	20	
4-Chlorotoluene	22	1.0	"	20.0		110	80-120	13.2	20	
tert-butyl Benzene	22	1.0	"	20.0		110	80-120	14.0	20	
1,2,4-Trimethylbenzene	22	1.0	"	20.0		108	80-120	13.1	20	
sec-butyl Benzene	21	1.0	"	20.0		106	80-120	15.2	20	
p-Isopropyltoluene	22	1.0	"	20.0		112	80-120	14.0	20	
1,3-Dichlorobenzene	21	1.0	"	20.0		104	80-120	14.0	20	
1,4-Dichlorobenzene	21	1.0	"	20.0		105	80-120	12.0	20	
n-butyl Benzene	24	1.0	"	20.0		118	80-120	16.1	20	
1,2-Dichlorobenzene	21	1.0	"	20.0		104	80-120	12.3	20	
1,2-Dibromo-3-chloropropane	19	1.0	"	20.0		94.2	80-120	16.9	20	
1,2,4-Trichlorobenzene	17	1.0	"	20.0		82.8	80-120	7.38	20	
Hexachlorobutadiene	22	1.0	"	20.0		108	80-120	4.90	20	
Naphthalene	14	1.0	"	20.0		70.6	80-120	9.49	20	Q
1,2,3-Trichlorobenzene	14	1.0	"	20.0		70.8	80-120	3.89	20	Q
Total Trichloroethanes	44	1.0	"	40.0		109	80-120	12.8	20	
Total Trihalomethanes	82	1.0	"	80.0		102	80-120	12.9	20	
Total Xylenes	67	1.0	"	60.0		111	80-120	13.7	20	
Surrogate: 4-Bromofluorobenzene	4.9		"	5.00		98.6	70-130			
Surrogate: 1,2-Dichlorobenzene-d4	5.3		"	5.00		105	70-130			

<b>Duplicate (B9D0274-DUP1)</b>	<b>Source: 19D0372-02</b>			<b>Prepared &amp; Analyzed: 02-Apr-19</b>						
Dichlorodifluoromethane	<1.0	1.0	ug/L			<1.0			0	200
Chloromethane	<1.0	1.0	"			<1.0			0	200
Vinyl Chloride	<1.0	1.0	"			<1.0			0	200
Bromomethane	<1.0	1.0	"			<1.0			0	200
Chloroethane	<1.0	1.0	"			<1.0			0	200

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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

Duplicate (B9D0274-DUP1)	Source: 19D0372-02			Prepared & Analyzed: 02-Apr-19						
Trichlorofluoromethane	<1.0	1.0	ug/L	<1.0				0	200	
Diethyl ether	<1.0	1.0	"	<1.0				0	200	
1,1-Dichloroethene	<1.0	1.0	"	<1.0				0	200	
Carbon Disulfide	<1.0	1.0	"	<1.0				0	200	
Methylene Chloride	<1.0	1.0	"	<1.0				0	200	
MTBE (Methyl tert-butyl ether)	<1.0	1.0	"	<1.0				0	200	
trans-1,2-Dichloroethene	<1.0	1.0	"	<1.0				0	200	
1,1-Dichloroethane	<1.0	1.0	"	<1.0				0	200	
2,2-Dichloropropane	<1.0	1.0	"	<1.0				0	200	
cis-1,2-Dichloroethene	<1.0	1.0	"	<1.0				0	200	
Bromochloromethane	<1.0	1.0	"	<1.0				0	200	
Chloroform	17	1.0	"	17				2.53	200	
1,2-Dichloroethane	<1.0	1.0	"	<1.0				0	200	
1,1,1-Trichloroethane	<1.0	1.0	"	<1.0				0	200	
Methyl Acrylate	<1.0	1.0	"	<1.0				0	200	
Tetrahydrofuran	<1.0	1.0	"	<1.0				0	200	
Carbon Tetrachloride	<1.0	1.0	"	<1.0				0	200	
1,1-Dichloropropene	<1.0	1.0	"	<1.0				0	200	
Benzene	1.1	1.0	"	1.1				2.79	200	
Trichloroethene	<1.0	1.0	"	<1.0				0	200	
1,2-Dichloropropane	<1.0	1.0	"	<1.0				0	200	
Methyl methacrylate	<1.0	1.0	"	<1.0				0	200	
Dibromomethane	<1.0	1.0	"	<1.0				0	200	
Bromodichloromethane	5.9	1.0	"	5.8				2.57	200	
cis-1,3-Dichloropropene	<1.0	1.0	"	<1.0				0	200	
trans-1,3-Dichloropropene	<1.0	1.0	"	<1.0				0	200	
1,1,2-Trichloroethane	<1.0	1.0	"	<1.0				0	200	
Dibromochloromethane	1.5	1.0	"	1.4				11.2	200	
1,2-Dibromoethane	<1.0	1.0	"	<1.0				0	200	
Toluene	<1.0	1.0	"	<1.0				0	200	
Tetrachloroethene	<1.0	1.0	"	<1.0				0	200	
1,3-Dichloropropane	<1.0	1.0	"	<1.0				0	200	

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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

Duplicate (B9D0274-DUP1)	Source: 19D0372-02			Prepared & Analyzed: 02-Apr-19						
Chlorobenzene	<1.0	1.0	ug/L	<1.0				0	200	
1,1,1,2-Tetrachloroethane	<1.0	1.0	"	<1.0				0	200	
Ethylbenzene	<1.0	1.0	"	<1.0				0	200	
m,p-Xylene	<1.0	1.0	"	<1.0				0	200	
o-Xylene	<1.0	1.0	"	<1.0				0	200	
Styrene	<1.0	1.0	"	<1.0				0	200	
Bromoform	<1.0	1.0	"	<1.0				0	200	
Isopropylbenzene (Cumene)	<1.0	1.0	"	<1.0				0	200	
1,1,2,2-Tetrachloroethane	<1.0	1.0	"	<1.0				0	200	
trans-1,4-Dichloro-2-butene	<1.0	1.0	"	<1.0				0	200	
1,2,3-Trichloropropane	<1.0	1.0	"	<1.0				0	200	
Bromobenzene	<1.0	1.0	"	<1.0				0	200	
n-Propylbenzene	<1.0	1.0	"	<1.0				0	200	
2-Chlorotoluene	<1.0	1.0	"	<1.0				0	200	
1,3,5-Trimethylbenzene	<1.0	1.0	"	<1.0				0	200	
4-Chlorotoluene	<1.0	1.0	"	<1.0				0	200	
tert-butyl Benzene	<1.0	1.0	"	<1.0				0	200	
1,2,4-Trimethylbenzene	<1.0	1.0	"	<1.0				0	200	
sec-butyl Benzene	<1.0	1.0	"	<1.0				0	200	
p-Isopropyltoluene	<1.0	1.0	"	<1.0				0	200	
1,3-Dichlorobenzene	<1.0	1.0	"	<1.0				0	200	
1,4-Dichlorobenzene	<1.0	1.0	"	<1.0				0	200	
n-butyl Benzene	<1.0	1.0	"	<1.0				0	200	
1,2-Dichlorobenzene	<1.0	1.0	"	<1.0				0	200	
1,2-Dibromo-3-chloropropane	<1.0	1.0	"	<1.0				0	200	
1,2,4-Trichlorobenzene	<1.0	1.0	"	<1.0				0	200	
Hexachlorobutadiene	<1.0	1.0	"	<1.0				0	200	
Naphthalene	<1.0	1.0	"	<1.0				0	200	
1,2,3-Trichlorobenzene	<1.0	1.0	"	<1.0				0	200	
Total Trichloroethanes	<1.0	1.0	"	<1.0				0	200	
Total Trihalomethanes	24	1.0	"	ND					200	
Total Xylenes	<1.0	1.0	"	<1.0				0	200	

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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

Duplicate (B9D0274-DUP1)	Source: 19D0372-02			Prepared & Analyzed: 02-Apr-19						
Surrogate: 4-Bromofluorobenzene	4.4		ug/L	5.00		87.6	70-130			
Surrogate: 1,2-Dichlorobenzene-d4	4.6		"	5.00		92.8	70-130			

Matrix Spike (B9D0274-MS1)	Source: 19D0373-01			Prepared & Analyzed: 02-Apr-19						
Dichlorodifluoromethane	17	1.0	ug/L	20.0	ND	85.0	80-120			
Chloromethane	28	1.0	"	20.0	ND	138	80-120			Q
Vinyl Chloride	25	1.0	"	20.0	ND	125	80-120			Q
Bromomethane	22	1.0	"	20.0	ND	112	80-120			
Chloroethane	27	1.0	"	20.0	ND	137	80-120			Q
Trichlorofluoromethane	28	1.0	"	20.0	ND	141	80-120			Q
Diethyl ether	22	1.0	"	20.0	ND	108	80-120			
1,1-Dichloroethene	19	1.0	"	20.0	ND	97.4	80-120			
Carbon Disulfide	15	1.0	"	20.0	ND	73.2	80-120			Q
Methylene Chloride	20	1.0	"	20.0	ND	102	80-120			
MTBE (Methyl tert-butyl ether)	19	1.0	"	20.0	ND	96.3	80-120			
trans-1,2-Dichloroethene	19	1.0	"	20.0	ND	97.1	80-120			
1,1-Dichloroethane	20	1.0	"	20.0	ND	102	80-120			
2,2-Dichloropropane	17	1.0	"	20.0	ND	83.3	80-120			
cis-1,2-Dichloroethene	20	1.0	"	20.0	ND	99.4	80-120			
Bromochloromethane	19	1.0	"	20.0	ND	95.5	80-120			
Chloroform	42	1.0	"	20.0	19	118	80-120			
1,2-Dichloroethane	21	1.0	"	20.0	ND	105	80-120			
1,1,1-Trichloroethane	18	1.0	"	20.0	ND	92.4	80-120			
Methyl Acrylate	22	1.0	"	20.0	ND	110	80-120			
Tetrahydrofuran	22	1.0	"	20.0	ND	112	80-120			
Carbon Tetrachloride	18	1.0	"	20.0	ND	91.5	80-120			
1,1-Dichloropropene	20	1.0	"	20.0	ND	99.3	80-120			
Benzene	21	1.0	"	20.0	ND	103	80-120			
Trichloroethene	19	1.0	"	20.0	ND	95.1	80-120			
1,2-Dichloropropane	22	1.0	"	20.0	ND	111	80-120			
Methyl methacrylate	19	1.0	"	20.0	ND	97.0	80-120			
Dibromomethane	20	1.0	"	20.0	ND	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

<b>Matrix Spike (B9D0274-MS1)</b>	<b>Source: 19D0373-01</b>			<b>Prepared &amp; Analyzed: 02-Apr-19</b>						
Bromodichloromethane	29	1.0	ug/L	20.0	6.3	114	80-120			
cis-1,3-Dichloropropene	19	1.0	"	20.0	ND	96.7	80-120			
trans-1,3-Dichloropropene	19	1.0	"	20.0	ND	94.7	80-120			
1,1,2-Trichloroethane	21	1.0	"	20.0	ND	104	80-120			
Dibromochloromethane	19	1.0	"	20.0	1.3	87.6	80-120			
1,2-Dibromoethane	20	1.0	"	20.0	ND	97.6	80-120			
Toluene	20	1.0	"	20.0	ND	100	80-120			
Tetrachloroethene	13	1.0	"	20.0	ND	67.0	80-120			Q
1,3-Dichloropropane	21	1.0	"	20.0	ND	105	80-120			
Chlorobenzene	18	1.0	"	20.0	ND	88.4	80-120			
1,1,1,2-Tetrachloroethane	17	1.0	"	20.0	ND	87.1	80-120			
Ethylbenzene	19	1.0	"	20.0	ND	96.3	80-120			
m,p-Xylene	38	1.0	"	40.0	ND	94.8	80-120			
o-Xylene	19	1.0	"	20.0	ND	93.8	80-120			
Styrene	18	1.0	"	20.0	ND	88.4	80-120			
Bromoform	16	1.0	"	20.0	ND	81.6	80-120			
Isopropylbenzene (Cumene)	19	1.0	"	20.0	ND	95.1	80-120			
1,1,2,2-Tetrachloroethane	21	1.0	"	20.0	ND	106	80-120			
trans-1,4-Dichloro-2-butene	19	1.0	"	20.0	ND	97.4	80-120			
1,2,3-Trichloropropane	20	1.0	"	20.0	ND	99.1	80-120			
Bromobenzene	18	1.0	"	20.0	ND	90.2	80-120			
n-Propylbenzene	19	1.0	"	20.0	ND	94.8	80-120			
2-Chlorotoluene	19	1.0	"	20.0	ND	94.8	80-120			
1,3,5-Trimethylbenzene	19	1.0	"	20.0	ND	93.2	80-120			
4-Chlorotoluene	18	1.0	"	20.0	ND	92.0	80-120			
tert-butyl Benzene	18	1.0	"	20.0	ND	89.0	80-120			
1,2,4-Trimethylbenzene	18	1.0	"	20.0	ND	92.2	80-120			
sec-butyl Benzene	18	1.0	"	20.0	ND	89.4	80-120			
p-Isopropyltoluene	18	1.0	"	20.0	ND	91.8	80-120			
1,3-Dichlorobenzene	17	1.0	"	20.0	ND	86.2	80-120			
1,4-Dichlorobenzene	18	1.0	"	20.0	ND	90.4	80-120			
n-butyl Benzene	19	1.0	"	20.0	ND	95.8	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

<b>Matrix Spike (B9D0274-MS1)</b>	<b>Source: 19D0373-01</b>			<b>Prepared &amp; Analyzed: 02-Apr-19</b>						
1,2-Dichlorobenzene	18	1.0	ug/L	20.0	ND	91.6	80-120			
1,2-Dibromo-3-chloropropane	20	1.0	"	20.0	ND	99.7	80-120			
1,2,4-Trichlorobenzene	17	1.0	"	20.0	ND	86.0	80-120			
Hexachlorobutadiene	18	1.0	"	20.0	ND	91.6	80-120			
Naphthalene	16	1.0	"	20.0	ND	81.0	80-120			
1,2,3-Trichlorobenzene	17	1.0	"	20.0	ND	86.6	80-120			
Total Trichloroethanes	39	1.0	"	40.0	ND	98.2	80-120			
Total Trihalomethanes	110	1.0	"	80.0	26	100	80-120			
Total Xylenes	57	1.0	"	60.0	ND	94.4	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.9</i>		<i>"</i>	<i>5.00</i>		<i>97.6</i>	<i>70-130</i>			
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>5.2</i>		<i>"</i>	<i>5.00</i>		<i>105</i>	<i>70-130</i>			

<b>Matrix Spike Dup (B9D0274-MSD1)</b>	<b>Source: 19D0373-01</b>			<b>Prepared &amp; Analyzed: 02-Apr-19</b>						
Dichlorodifluoromethane	18	1.0	ug/L	20.0	ND	91.8	80-120	7.81	20	
Chloromethane	27	1.0	"	20.0	ND	137	80-120	0.728	20	Q
Vinyl Chloride	26	1.0	"	20.0	ND	131	80-120	4.72	20	Q
Bromomethane	24	1.0	"	20.0	ND	122	80-120	8.95	20	Q
Chloroethane	27	1.0	"	20.0	ND	136	80-120	0.805	20	Q
Trichlorofluoromethane	29	1.0	"	20.0	ND	146	80-120	3.97	20	Q
Diethyl ether	22	1.0	"	20.0	ND	111	80-120	3.33	20	
1,1-Dichloroethene	21	1.0	"	20.0	ND	103	80-120	5.59	20	
Carbon Disulfide	16	1.0	"	20.0	ND	82.3	80-120	11.7	20	
Methylene Chloride	21	1.0	"	20.0	ND	107	80-120	4.21	20	
MTBE (Methyl tert-butyl ether)	20	1.0	"	20.0	ND	98.2	80-120	1.90	20	
trans-1,2-Dichloroethene	20	1.0	"	20.0	ND	98.4	80-120	1.33	20	
1,1-Dichloroethane	21	1.0	"	20.0	ND	107	80-120	4.93	20	
2,2-Dichloropropane	17	1.0	"	20.0	ND	84.4	80-120	1.25	20	
cis-1,2-Dichloroethene	21	1.0	"	20.0	ND	106	80-120	6.43	20	
Bromochloromethane	20	1.0	"	20.0	ND	100	80-120	4.85	20	
Chloroform	42	1.0	"	20.0	19	118	80-120	0.166	20	
1,2-Dichloroethane	21	1.0	"	20.0	ND	105	80-120	0.0477	20	
1,1,1-Trichloroethane	20	1.0	"	20.0	ND	98.8	80-120	6.69	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

Matrix Spike Dup (B9D0274-MSD1)	Source: 19D0373-01			Prepared & Analyzed: 02-Apr-19						
Methyl Acrylate	22	1.0	ug/L	20.0	ND	108	80-120	2.16	20	
Tetrahydrofuran	19	1.0	"	20.0	ND	96.2	80-120	15.1	20	
Carbon Tetrachloride	19	1.0	"	20.0	ND	96.8	80-120	5.58	20	
1,1-Dichloropropene	22	1.0	"	20.0	ND	108	80-120	8.16	20	
Benzene	22	1.0	"	20.0	ND	108	80-120	3.89	20	
Trichloroethene	19	1.0	"	20.0	ND	95.8	80-120	0.733	20	
1,2-Dichloropropane	23	1.0	"	20.0	ND	113	80-120	1.79	20	
Methyl methacrylate	21	1.0	"	20.0	ND	104	80-120	6.48	20	
Dibromomethane	20	1.0	"	20.0	ND	102	80-120	1.62	20	
Bromodichloromethane	29	1.0	"	20.0	6.3	115	80-120	0.720	20	
cis-1,3-Dichloropropene	21	1.0	"	20.0	ND	104	80-120	7.18	20	
trans-1,3-Dichloropropene	20	1.0	"	20.0	ND	99.6	80-120	5.09	20	
1,1,2-Trichloroethane	22	1.0	"	20.0	ND	109	80-120	4.69	20	
Dibromochloromethane	20	1.0	"	20.0	1.3	92.3	80-120	4.88	20	
1,2-Dibromoethane	20	1.0	"	20.0	ND	102	80-120	4.36	20	
Toluene	21	1.0	"	20.0	ND	105	80-120	4.38	20	
Tetrachloroethene	16	1.0	"	20.0	ND	77.6	80-120	14.7	20	Q
1,3-Dichloropropane	22	1.0	"	20.0	ND	108	80-120	2.59	20	
Chlorobenzene	18	1.0	"	20.0	ND	91.7	80-120	3.61	20	
1,1,1,2-Tetrachloroethane	19	1.0	"	20.0	ND	95.5	80-120	9.20	20	
Ethylbenzene	21	1.0	"	20.0	ND	104	80-120	8.02	20	
m,p-Xylene	41	1.0	"	40.0	ND	104	80-120	8.95	20	
o-Xylene	21	1.0	"	20.0	ND	103	80-120	9.59	20	
Styrene	19	1.0	"	20.0	ND	94.2	80-120	6.36	20	
Bromoform	19	1.0	"	20.0	ND	93.8	80-120	13.9	20	
Isopropylbenzene (Cumene)	21	1.0	"	20.0	ND	107	80-120	11.4	20	
1,1,2,2-Tetrachloroethane	22	1.0	"	20.0	ND	109	80-120	2.73	20	
trans-1,4-Dichloro-2-butene	20	1.0	"	20.0	ND	102	80-120	4.86	20	
1,2,3-Trichloropropane	21	1.0	"	20.0	ND	105	80-120	6.02	20	
Bromobenzene	20	1.0	"	20.0	ND	98.7	80-120	8.94	20	
n-Propylbenzene	22	1.0	"	20.0	ND	109	80-120	13.9	20	
2-Chlorotoluene	21	1.0	"	20.0	ND	105	80-120	10.2	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:** 19D0371

**Reported:**  
 09-Apr-19 06:54

**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 B9D0274 - Organics**

<b>Matrix Spike Dup (B9D0274-MSD1)</b>	<b>Source: 19D0373-01</b>			<b>Prepared &amp; Analyzed: 02-Apr-19</b>						
1,3,5-Trimethylbenzene	21	1.0	ug/L	20.0	ND	107	80-120	13.7	20	
4-Chlorotoluene	21	1.0	"	20.0	ND	104	80-120	12.0	20	
tert-butyl Benzene	21	1.0	"	20.0	ND	105	80-120	16.5	20	
1,2,4-Trimethylbenzene	21	1.0	"	20.0	ND	105	80-120	12.7	20	
sec-butyl Benzene	20	1.0	"	20.0	ND	101	80-120	11.9	20	
p-Isopropyltoluene	21	1.0	"	20.0	ND	107	80-120	15.3	20	
1,3-Dichlorobenzene	20	1.0	"	20.0	ND	99.4	80-120	14.3	20	
1,4-Dichlorobenzene	19	1.0	"	20.0	ND	95.8	80-120	5.75	20	
n-butyl Benzene	22	1.0	"	20.0	ND	109	80-120	12.7	20	
1,2-Dichlorobenzene	21	1.0	"	20.0	ND	103	80-120	12.1	20	
1,2-Dibromo-3-chloropropane	20	1.0	"	20.0	ND	101	80-120	1.10	20	
1,2,4-Trichlorobenzene	18	1.0	"	20.0	ND	88.0	80-120	2.24	20	
Hexachlorobutadiene	19	1.0	"	20.0	ND	95.4	80-120	4.12	20	
Naphthalene	17	1.0	"	20.0	ND	85.2	80-120	4.93	20	
1,2,3-Trichlorobenzene	18	1.0	"	20.0	ND	88.4	80-120	2.06	20	
Total Trichloroethanes	42	1.0	"	40.0	ND	104	80-120	5.64	20	
Total Trihalomethanes	110	1.0	"	80.0	26	105	80-120	3.37	20	
Total Xylenes	62	1.0	"	60.0	ND	104	80-120	9.16	20	
Surrogate: 4-Bromofluorobenzene	4.9		"	5.00		98.6	70-130			
Surrogate: 1,2-Dichlorobenzene-d4	5.4		"	5.00		107	70-130			

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:** 19D0371

**Reported:**  
09-Apr-19 06:54

### 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 26 of 27



1900371

Envirodyne Laboratories, Inc.

11011 Brooklet, Ste. 230

Houston, Texas 77099-3543

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

E A245139

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

TCEQ Certification # T104704265

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

### Analysis Request and Chain of Custody Record

Project No.		Client/Project						pH	D.O.	Temp.	Analysis Time
		ITC - Water Check									
Lab ID No.	Field Sample No./ Identification	Date & Time	Grab	Comp	Sample Container (Size/Mat'l)	Sample Type (Liquid, Sludge, etc.)	Preservative	ANALYSIS REQUESTED			
	Raw Water	4/01/19 1033	✓		(3) 40ml VOA	Liquid	Ice	VOC 524.2 ✓			
	Raw Water	4/01/19 1029	✓		(4) 1 L/Amb	Liquid	Ice	SVOC 525.2 ✓			
	Finished Water	4/01/19 1016	✓		(3) 40ml VOA	Liquid	Ice	VOC 524.2 ✓			
	Finished Water	4/01/19 1012	✓		(4) 1 L/Amb	Liquid	Ice	SVOC 525.2 ✓			
	Trip Blank				(2) 40ml VOA	Liquid	Ice	VOC 524.2			

Samplers: (Signature) <b>FRANK T WALKER</b>	Relinquished by: (Signature) <b>FRANK T WALKER</b>	Date: <b>4/1/19</b> Time: <b>12:50</b>	Received by: (Signature) <b>R. MARTON</b>	Date: <b>4/1/19</b> Time: <b>12:55</b>	Seal Intact?
Affiliation	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Seal Intact?
	Relinquished by: (Signature) <b>R. Marton</b>	Date: <b>4-1-19</b> Time: <b>14:15</b>	Received by Lab: (Signature) <b>[Signature]</b>	Date: <b>4/1/19</b> Time: <b>14:15</b>	Seal Intact?
Remarks:	FLOW: _____ Meter Reading: _____ Cl <sub>2</sub> Residual: _____ Mn Correction: _____ Cl <sub>2</sub> Corrected	Arrival Temp. <b>3.712.9</b> <b>IR#</b>	Data Results To: 1.	Site Representative: <b>FRANK T WALKER</b>	Date: <b>4/1/19</b> Time: <b>12:50</b>