## Scharf, Steven (DEC)

From: Brian Caldwell <br/>
Sent: Brian Caldwell <br/>
Scaldwell@Ensafe.com> Thursday, April 14, 2016 10:43 AM

**To:** Wilkie, Henry (DEC); Scharf, Steven (DEC); Karpinski, Steven (HEALTH); DeFranco, Joseph (NASSAU)

Cc: Fly, Lora B CIV NAVFAC MIDLANT, IPTNORTH; Allan Jenkins; mboufis@bethpagewater.com; pschimmel@bethpagewater.com

**Subject:** BWD Pilot Test Week #3 lab results

**Attachments:** pl 6 voc 4 08 16.pdf; samples 1 4 dioxane 4 08 16.pdf

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

All:

Please find attached the results for week 3 of the BWD Pilot Test. BWD 6-2 was the only well pumping during week 3.

## Regards,

Brian

Brian Caldwell, PG CPG EnSafe/Resolution Consultants Senior Hydrogeologist 308 North Peters Road, Suite 200 Knoxville TN 37922 Office: (865) 693-3623 Cell: (865) 803-6295



575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS

Lab No. : 1604814-001

Client Sample ID.: N-03876

Origin: Raw Well Results are only for the samples and analytes requested. Routine

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

Bethpage Water District

25 Adams Ave.

Bethpage, NY 11714

Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No N-03876 Received: 04/08/2016 11:00 AM Location: Well 6-1

Collected By: PS99

Parameter(s)         Results         Qualifier         D.F.         Units         Limit         Analyzed:         Container.           1,1,1,2-Tetrachloroethane         < 0.50         1         μg/L         5         04/11/2016 10:25 AM         Container-02 of 02           1,1,1-Triichloroethane         < 0.50         1         μg/L         5         04/11/2016 10:25 AM         Container-02 of 02           1,1,2-Triichloroethane         < 0.50         1         μg/L         5         04/11/2016 10:25 AM         Container-02 of 02           1,1-Dichloroethane         < 0.50         1         μg/L         5         04/11/2016 10:25 AM         Container-02 of 02           1,1-Dichloroethane         < 0.50         1         μg/L         5         04/11/2016 10:25 AM         Container-02 of 02           1,1-Dichloroethane         < 0.50         1         μg/L         5         04/11/2016 10:25 AM         Container-02 of 02           1,1-Dichloroethane         < 0.50         1         μg/L         5         04/11/2016 10:25 AM         Container-02 of 02           1,2-3-Trichlorobenzene         < 0.50         1         μg/L         5         04/11/2016 10:25 AM         Container-02 of 02           1,2,3-Trichloropropane         < 0.50         1	Analytical Method: E524.2 : POC						Analyst: KG
1,1,1-Trichloroethane         < 0.50	Parameter(s)	Results Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,1,2,2-Tetrachloroethane         < 0.50	1,1,1,2-Tetrachloroethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,1,2-Trichloroethane	1,1,1-Trichloroethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,1-Dichloroethane         < 0.50	1,1,2,2-Tetrachloroethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,1-Dichloroethene         < 0.50         1         µg/L         5         04/11/2016 10:25 AM         Container-02 of 02           1,1-Dichloropropene         < 0.50	1,1,2-Trichloroethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,1-Dichloropropene         < 0.50	1,1-Dichloroethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,2,3-Trichlorobenzene         < 0.50	1,1-Dichloroethene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,2,3-Trichloropropane       < 0.50	1,1-Dichloropropene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,2,4-Trichlorobenzene	1,2,3-Trichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,2,4-Trimethylbenzene       < 0.50	1,2,3-Trichloropropane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,2-Dichlorobenzene       < 0.50	1,2,4-Trichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,2-Dichloroethane       < 0.50	1,2,4-Trimethylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,2-Dichloropropane       < 0.50	1,2-Dichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,3,5-Trimethylbenzene       < 0.50	1,2-Dichloroethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,3-Dichlorobenzene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02 1,3-Dichloropropane < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02 1,4-Dichlorobenzene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02 2,2-Dichloropropane < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02 2/4-Chlorotoluene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02 2/4-Chlorotoluene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02 4-Isopropyltoluene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02 Benzene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02 Bromobenzene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02	1,2-Dichloropropane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,3-Dichloropropane       < 0.50	1,3,5-Trimethylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
1,4-Dichlorobenzene       < 0.50	1,3-Dichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
2,2-Dichloropropane       < 0.50	1,3-Dichloropropane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
2/4-Chlorotoluene       < 0.50	1,4-Dichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
4-Isopropyltoluene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02  Benzene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02  Bromobenzene < 0.50 1 μg/L 5 04/11/2016 10:25 AM Container-02 of 02	2,2-Dichloropropane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Benzene       < 0.50       1       μg/L       5       04/11/2016 10:25 AM       Container-02 of 02         Bromobenzene       < 0.50	2/4-Chlorotoluene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Bromobenzene $< 0.50$ 1 $\mu$ g/L 5 $04/11/2016$ 10:25 AM Container-02 of 02	4-Isopropyltoluene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
20.00 1 pg/2	Benzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Bromochloromethane $< 0.50$ 1 $\mu$ g/L 5 04/11/2016 10:25 AM Container-02 of 02	Bromobenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
	Bromochloromethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02

Qualifiers: E = Value above quantitation range, Value estimated.

B = Found in Blank

D.F. = Dilution Factor D = Results for Dilution

c = Calibration acceptability criteria exceeded for this analyte. Value estimated

H = Received/analyzed outside of analytical holding time

J = Estimated value - below calibration range

M-, M+ = Matrix Spike recovery below / above control limit

N = Indicates presumptive evidence of compound

P = Duplicate RPD outside of control limit

r = Reporting limit below calibration range. Value estimated.

S = Recovery outside of control limits for this analyte

+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported: 4/12/2016

Sr.Project Manager: Stu Murrell

Test results meet the requirements of NELAC unless otherwise noted.

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575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS

Origin: Raw Well Results are only for the samples and analytes requested. Routine

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

Bethpage Water District

25 Adams Ave.

Lab No. : 1604814-001 Client Sample ID.: N-03876

Bethpage, NY 11714 Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No N-03876 Received: 04/08/2016 11:00 AM Location: Well 6-1

Collected By: PS99

Analytical Method: E524.2	: POC					Analyst: KG
Parameter(s)	Results Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Bromodichloromethane	< 0.50	1	μg/L		04/11/2016 10:25 AM	Container-02 of 02
Bromoform	< 0.50	1	μg/L		04/11/2016 10:25 AM	Container-02 of 02
Bromomethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Carbon tetrachloride	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Chlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Chloroethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Chloroform	< 0.50	1	μg/L		04/11/2016 10:25 AM	Container-02 of 02
Chloromethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
cis-1,2-Dichloroethene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
cis-1,3-Dichloropropene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Dibromochloromethane	< 0.50	1	μg/L		04/11/2016 10:25 AM	Container-02 of 02
Dibromomethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Dichlorodifluoromethane	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Ethylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Hexachlorobutadiene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Isopropylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
m,p-Xylene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Methyl tert-butyl ether	< 0.50	1	μg/L	10	04/11/2016 10:25 AM	Container-02 of 02
Methylene chloride	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
n-Butylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
n-Propylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
o-Xylene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
sec-Butylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02
Styrene	< 0.50	1	μg/L	5	04/11/2016 10:25 AM	Container-02 of 02

Qualifiers: E = Value above quantitation range, Value estimated.

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Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported: 4/12/2016

Sr.Project Manager: Stu Murrell

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575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436

NYSDOH ID#10478 www.pacelabs.com

## LABORATORY RESULTS

Type: Potable Water Origin: Raw Well

Results are only for the samples and analytes requested. Routine

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

Bethpage Water District

25 Adams Ave.

Lab No. : 1604814-001 Client Sample ID.: N-03876

Bethpage, NY 11714 Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No N-03876 Received: 04/08/2016 11:00 AM Location: Well 6-1

Collected By: PS99

Analytical Method: E524.2 : Po	ОС								Analyst: KG
Parameter(s)		Results	Qualifier	<u>D.F.</u>	<u>Units</u>		<u>Limit</u>	Analyzed:	Container:
tert-Butylbenzene		< 0.50		1	μg/L		5	04/11/2016 10:25 AM	Container-02 of 02
Tetrachloroethene		3.37		1	μg/L		5	04/11/2016 10:25 AM	Container-02 of 02
Toluene		< 0.50		1	μg/L		5	04/11/2016 10:25 AM	Container-02 of 02
Total Trihalomethanes		< 2.00		1	μg/L		80	04/11/2016 10:25 AM	Container-02 of 02
trans-1,2-Dichloroethene		< 0.50		1	μg/L		5	04/11/2016 10:25 AM	Container-02 of 02
trans-1,3-Dichloropropene		< 0.50		1	μg/L		5	04/11/2016 10:25 AM	Container-02 of 02
Trichloroethene	*	29.0	*	1	μg/L		5	04/11/2016 10:25 AM	Container-02 of 02
Trichlorofluoromethane		< 0.50		1	μg/L		5	04/11/2016 10:25 AM	Container-02 of 02
Vinyl chloride		< 0.50		1	μg/L		2	04/11/2016 10:25 AM	Container-02 of 02
Surr: 1,2-Dichlorobenzene-d4		96.8		1	%Rec	Limit	70-130	04/11/2016 10:25 AM	Container-02 of 02
Surr: 4-Bromofluorobenzene		91.4		1	%Rec	Limit	70-130	04/11/2016 10:25 AM	Container-02 of 02

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Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported : 4/12/2016

Sr.Project Manager: Stu Murrell

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575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

## LABORATORY RESULTS

Lab No. : 1604814-002

Type: Potable Water Origin: Raw Well

Results are only for the samples and analytes requested. Routine

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

Bethpage Water District

25 Adams Ave.

Client Sample ID.: N-08941 Bethpage, NY 11714

Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No N-08941 Received: 04/08/2016 11:00 AM Location: Well 6-2

Collected By: PS99

Analytical Method: E524.2 : POC						Analyst: KG
Parameter(s)	Results Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	< 0.50	1	<u>σπισ</u> μg/L	<u>=</u> 5	04/11/2016 10:50 AM	
1,1,1-Trichloroethane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,1,2,2-Tetrachloroethane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,1,2-Trichloroethane	0.59	1	μg/L	5	04/11/2016 10:50 AM	
1,1-Dichloroethane	1.33	1	μg/L	5	04/11/2016 10:50 AM	
1,1-Dichloroethene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,1-Dichloropropene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,2,3-Trichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,2,3-Trichloropropane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,2,4-Trichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,2,4-Trimethylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,2-Dichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,2-Dichloroethane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,2-Dichloropropane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,3,5-Trimethylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,3-Dichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,3-Dichloropropane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
1,4-Dichlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
2,2-Dichloropropane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
2/4-Chlorotoluene	< 0.50	1	μg/L μg/L	5	04/11/2016 10:50 AM	
	< 0.50	1	. •	5	04/11/2016 10:50 AM	
4-Isopropyltoluene	< 0.50	•	μg/L	5 5	04/11/2016 10:50 AM	
Benzene		1	μg/L	_		
Bromobenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	
Bromochloromethane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02

Qualifiers: E = Value above quantitation range, Value estimated.

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Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported: 4/12/2016

Sr.Project Manager: Stu Murrell

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575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

## LABORATORY RESULTS

Lab No. : 1604814-002

Type: Potable Water Origin: Raw Well

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Bethpage Water District

25 Adams Ave.

Bethpage, NY 11714

Client Sample ID.: N-08941

Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No N-08941 Received: 04/08/2016 11:00 AM Location: Well 6-2

Collected By: PS99

Analytical Method: E524.2 : POC						Analyst: KG
Parameter(s)	Results Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Bromodichloromethane	< 0.50	1	μg/L		04/11/2016 10:50 AM	Container-02 of 02
Bromoform	< 0.50	1	μg/L		04/11/2016 10:50 AM	Container-02 of 02
Bromomethane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Carbon tetrachloride	1.31	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Chlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Chloroethane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Chloroform	1.06	1	μg/L		04/11/2016 10:50 AM	Container-02 of 02
Chloromethane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
cis-1,2-Dichloroethene	2.29	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
cis-1,3-Dichloropropene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Dibromochloromethane	< 0.50	1	μg/L		04/11/2016 10:50 AM	Container-02 of 02
Dibromomethane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Dichlorodifluoromethane	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Ethylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Hexachlorobutadiene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Isopropylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
m,p-Xylene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Methyl tert-butyl ether	< 0.50	1	μg/L	10	04/11/2016 10:50 AM	Container-02 of 02
Methylene chloride	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
n-Butylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
n-Propylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
o-Xylene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
sec-Butylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02
Styrene	< 0.50	1	μg/L	5	04/11/2016 10:50 AM	Container-02 of 02

Qualifiers: E = Value above quantitation range, Value estimated.

B = Found in Blank

D.F. = Dilution Factor D = Results for Dilution

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Sr.Project Manager: Stu Murrell

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Page 5 of 11

575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS Results are only for the samples and analytes requested.

Type: Potable Water Origin: Raw Well

Routine

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

Bethpage Water District

25 Adams Ave.

Bethpage, NY 11714

Lab No. : 1604814-002 Client Sample ID.: N-08941

Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No N-08941 Received: 04/08/2016 11:00 AM Location: Well 6-2

Collected By: PS99

Analytical Method: E524.2 : PC	C								Analyst: KG
Parameter(s)		Results Qu	<u>ualifier</u>	<u>D.F.</u>	<u>Units</u>		<u>Limit</u>	Analyzed:	Container:
tert-Butylbenzene		< 0.50		1	μg/L		5	04/11/2016 10:50 AM	Container-02 of 02
Tetrachloroethene		1.83		1	μg/L		5	04/11/2016 10:50 AM	Container-02 of 02
Toluene		< 0.50		1	μg/L		5	04/11/2016 10:50 AM	Container-02 of 02
Total Trihalomethanes		< 2.00		1	μg/L		80	04/11/2016 10:50 AM	Container-02 of 02
trans-1,2-Dichloroethene		< 0.50		1	μg/L		5	04/11/2016 10:50 AM	Container-02 of 02
trans-1,3-Dichloropropene		< 0.50		1	μg/L		5	04/11/2016 10:50 AM	Container-02 of 02
Trichloroethene	*	1,280	D*	50	μg/L		5	04/11/2016 11:40 AM	Container-02 of 02
Trichlorofluoromethane		< 0.50		1	μg/L		5	04/11/2016 10:50 AM	Container-02 of 02
Vinyl chloride		< 0.50		1	μg/L		2	04/11/2016 10:50 AM	Container-02 of 02
Surr: 1,2-Dichlorobenzene-d4		94.8		1	%Rec	Limit	70-130	04/11/2016 10:50 AM	Container-02 of 02
Surr: 4-Bromofluorobenzene		91.0		1	%Rec	Limit	70-130	04/11/2016 10:50 AM	Container-02 of 02

Qualifiers: E = Value above quantitation range, Value estimated.

B = Found in Blank

D.F. = Dilution Factor D = Results for Dilution

c = Calibration acceptability criteria exceeded for this analyte. Value estimated

H = Received/analyzed outside of analytical holding time

J = Estimated value - below calibration range

M-, M+ = Matrix Spike recovery below / above control limit

N = Indicates presumptive evidence of compound

P = Duplicate RPD outside of control limit

r = Reporting limit below calibration range. Value estimated.

S = Recovery outside of control limits for this analyte

+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported: 4/12/2016

Sr.Project Manager: Stu Murrell

Test results meet the requirements of NELAC unless otherwise noted.

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Origin: Treated Well

Routine

575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS

Results are only for the samples and analytes requested.

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

Bethpage Water District

25 Adams Ave.

Lab No. : 1604814-003 Client Sample ID.: ASGAC-6-16-2 **Treatment** 

Treated-GAC

Bethpage, NY 11714 Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No ASGAC-6-16-2 Received: 04/08/2016 11:00 AM Location: Plant 6 Airstripper/GAC

Collected By: PS99

Parameter(s)         Results         Qualifier         D.F.         Units         Limit         Analyzed:         Container:           1,1,1,2-Tetrachloroethane         < 0.50         1         μg/L         5         04/11/2016 10:00 AM         Container-02 of           1,1,1-Trichloroethane         < 0.50         1         μg/L         5         04/11/2016 10:00 AM         Container-02 of           1,1,2-Tetrachloroethane         < 0.50         1         μg/L         5         04/11/2016 10:00 AM         Container-02 of           1,1-Dichloroethane         < 0.50         1         μg/L         5         04/11/2016 10:00 AM         Container-02 of           1,1-Dichloroethane         < 0.50         1         μg/L         5         04/11/2016 10:00 AM         Container-02 of           1,1-Dichloroethene         < 0.50         1         μg/L         5         04/11/2016 10:00 AM         Container-02 of           1,1-Dichloropropene         < 0.50         1         μg/L         5         04/11/2016 10:00 AM         Container-02 of	KG	Δη								Analytical Method: E524.2 : POC	
1,1,1,2-Tetrachloroethane         < 0.50         1         µg/L         5         04/11/2016 10:00 AM         Container-02 of           1,1,1-Trichloroethane         < 0.50			Analvzed:	Limit	its		Г	Qualifier	Results		Pa
1,1,1-Trichloroethane       < 0.50				5		<u>.</u>		Qualifici		· · · · · · · · · · · · · · · · · · ·	_
1,1,2,2-Tetrachloroethane       < 0.50				-			-			• • •	
1,1,2-Trichloroethane       < 0.50	02 of 02	AM Cor	04/11/2016 10:00 AM	-						• •	
1,1-Dichloroethane       < 0.50	02 of 02	AM Cor	04/11/2016 10:00 AM	5			1			• • •	, ,
1,1-Dichloroethene $< 0.50$ 1 $\mu$ g/L       5       04/11/2016 10:00 AM       Container-02 of 20 of 2	02 of 02	AM Cor	04/11/2016 10:00 AM	-			1			• •	
1,1-Dichloropropene < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5			1		< 0.50	.1-Dichloroethene	1.1-1
	02 of 02	AM Cor	04/11/2016 10:00 AM	5			1		< 0.50	•	,
1,2,0 1110111010001120110 10:007111 Oothalifor 62 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5			1		< 0.50	,2,3-Trichlorobenzene	
1,2,3-Trichloropropane < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5			1		< 0.50	,2,3-Trichloropropane	1,2,3
1,2,4-Trichlorobenzene < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5			1		< 0.50	,2,4-Trichlorobenzene	1,2,4
1,2,4-Trimethylbenzene < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5			1		< 0.50	,2,4-Trimethylbenzene	1,2,4
1,2-Dichlorobenzene < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5			1		< 0.50	,2-Dichlorobenzene	1,2-1
1,2-Dichloroethane < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	,2-Dichloroethane	1,2-l
1,2-Dichloropropane < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	,2-Dichloropropane	1,2-l
1,3,5-Trimethylbenzene < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	,3,5-Trimethylbenzene	1,3,5
1,3-Dichlorobenzene < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	,3-Dichlorobenzene	1,3-l
1,3-Dichloropropane < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	,3-Dichloropropane	1,3-l
1,4-Dichlorobenzene < 0.50 1 μg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	,4-Dichlorobenzene	1,4-I
2,2-Dichloropropane < 0.50 1 μg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	2,2-Dichloropropane	2,2-1
2/4-Chlorotoluene < 0.50 1 μg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	2/4-Chlorotoluene	2/4-0
4-Isopropyltoluene < 0.50 1 μg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	l-Isopropyltoluene	4-lsc
Benzene < 0.50 1 μg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	Benzene	Ben
Bromobenzene < 0.50 1 µg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	Bromobenzene	Bron
Bromochloromethane < 0.50 1 μg/L 5 04/11/2016 10:00 AM Container-02 of	02 of 02	AM Cor	04/11/2016 10:00 AM	5	_		1		< 0.50	Bromochloromethane	Bron

Qualifiers: E = Value above quantitation range, Value estimated.

B = Found in Blank

D.F. = Dilution Factor D = Results for Dilution

c = Calibration acceptability criteria exceeded for this analyte. Value estimated

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M-, M+ = Matrix Spike recovery below / above control limit

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S = Recovery outside of control limits for this analyte

+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported: 4/12/2016

Sr.Project Manager: Stu Murrell

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575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS

Origin: Treated Well Results are only for the samples and analytes requested. Routine

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

**Treatment** 

Bethpage Water District

25 Adams Ave.

Lab No. : 1604814-003 Client Sample ID.: ASGAC-6-16-2 Bethpage, NY 11714

Treated-GAC

Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No ASGAC-6-16-2 Received: 04/08/2016 11:00 AM Location: Plant 6 Airstripper/GAC

Collected By: PS99

Analytical Method: E524.2 : POC						Analyst: KG
Parameter(s)	Results Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Bromodichloromethane	< 0.50	1	μg/L		04/11/2016 10:00 AM	Container-02 of 02
Bromoform	< 0.50	1	μg/L		04/11/2016 10:00 AM	Container-02 of 02
Bromomethane	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Carbon tetrachloride	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Chlorobenzene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Chloroethane	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Chloroform	< 0.50	1	μg/L		04/11/2016 10:00 AM	Container-02 of 02
Chloromethane	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
cis-1,2-Dichloroethene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
cis-1,3-Dichloropropene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Dibromochloromethane	< 0.50	1	μg/L		04/11/2016 10:00 AM	Container-02 of 02
Dibromomethane	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Dichlorodifluoromethane	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Ethylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Hexachlorobutadiene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Isopropylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
m,p-Xylene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Methyl tert-butyl ether	< 0.50	1	μg/L	10	04/11/2016 10:00 AM	Container-02 of 02
Methylene chloride	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
n-Butylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
n-Propylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
o-Xylene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
sec-Butylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Styrene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02

Qualifiers: E = Value above quantitation range, Value estimated.

B = Found in Blank

D.F. = Dilution Factor D = Results for Dilution

c = Calibration acceptability criteria exceeded for this analyte. Value estimated

H = Received/analyzed outside of analytical holding time

J = Estimated value - below calibration range

M-, M+ = Matrix Spike recovery below / above control limit

N = Indicates presumptive evidence of compound

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r = Reporting limit below calibration range. Value estimated.

S = Recovery outside of control limits for this analyte

+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported: 4/12/2016

Sr.Project Manager: Stu Murrell

Test results meet the requirements of NELAC unless otherwise noted.

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575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

## LABORATORY RESULTS

Type: Potable Water Origin: Treated Well

Results are only for the samples and analytes requested. Routine

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

**Treatment** 

Bethpage Water District

Lab No. : 1604814-003 25 Adams Ave. Client Sample ID.: ASGAC-6-16-2 Bethpage, NY 11714

Treated-GAC

Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No ASGAC-6-16-2 Received: 04/08/2016 11:00 AM Location: Plant 6 Airstripper/GAC

Collected By: PS99

Analytical Method: E524.2 : PO	С					Analyst: KG
Parameter(s)	Results Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
tert-Butylbenzene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Tetrachloroethene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Toluene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Total Trihalomethanes	< 2.00	1	μg/L	80	04/11/2016 10:00 AM	Container-02 of 02
trans-1,2-Dichloroethene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
trans-1,3-Dichloropropene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Trichloroethene	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Trichlorofluoromethane	< 0.50	1	μg/L	5	04/11/2016 10:00 AM	Container-02 of 02
Vinyl chloride	< 0.50	1	μg/L	2	04/11/2016 10:00 AM	Container-02 of 02
Surr: 1,2-Dichlorobenzene-d4	92.6	1	%Rec	Limit 70-130	04/11/2016 10:00 AM	Container-02 of 02
Surr: 4-Bromofluorobenzene	85.2	1	%Rec	Limit 70-130	04/11/2016 10:00 AM	Container-02 of 02

Qualifiers: E = Value above quantitation range, Value estimated.

B = Found in Blank

D.F. = Dilution Factor D = Results for Dilution

c = Calibration acceptability criteria exceeded for this analyte. Value estimated

H = Received/analyzed outside of analytical holding time

J = Estimated value - below calibration range

M-, M+ = Matrix Spike recovery below / above control limit

N = Indicates presumptive evidence of compound

P = Duplicate RPD outside of control limit

r = Reporting limit below calibration range. Value estimated.

S = Recovery outside of control limits for this analyte

+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported: 4/12/2016

Sr.Project Manager: Stu Murrell

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## PACE ANALYTICAL 575 Broad Hollow Road Melville, NY 11747

Sample Receipt Checklist

TEL: (631) 694-3040 FAX: (631) 420-8436 Website: www.pacelabs.com

Client Name BWD Date and Time Received: 4/8/2016 11:00:00 AM RcptNo: 1 Received by Matthew Grasso Work Order Number: 1604814 Sty Murrell Completed by: Reviewed by: 4/9/2016 2:49:16 PM Completed Date: 4/8/2016 4:00:36 PM Reviewed Date: Carrier name: Client **~** No 🗌 Chain of custody present? Yes **~** No 🗀 Chain of custody signed when relinquished and received? Yes **✓** Chain of custody agrees with sample labels? Yes No ~ Are matrices correctly identified on Chain of custody? Yes No 🗀 Is it clear what analyses were requested? Yes **~** No  $\square$ No 🗌 **V** Custody seals intact on sample bottles? Yes Not Present Samples in proper container/bottle? Yes ~ No **~** No 🗌 Were correct preservatives used and noted? Yes NA Preservative added to bottles: **~** Broken 🗔 Sample Condition? Intact Leaking **~** No 🗌 Sufficient sample volume for indicated test? Yes **~** No 🗀 Were container labels complete (ID, Pres, Date)? Yes **~** No 🗀 All samples received within holding time? Yes **V** No 🗌 Was an attempt made to cool the samples? Yes NA No 🗌 NA **V** All samples received at a temp. of > 0° C to 6.0° C? Yes Response when temperature is outside of range: Sample Temp. taken and recorded upon receipt? Yes No 🗔 To 14.7 ° **✓** No Vials Water - Were bubbles absent in VOC vials? Yes No  $\square$ **V** Water - Was there Chlorine Present? Yes No  $\square$ **~** No Water Water - pH acceptable upon receipt? Yes **~** No Are Samples considered acceptable? Yes No 🗹 Custody Seals present? Yes Air Bil Sticker Not Present Airbill or Sticker? Airbill No: Case Number: SDG: SAS: Any No response should be detailed in the comments section below, if applicable. ☐ No ✓ NA Client Contacted? Yes Person Contacted: Contact Mode: Phone: Fax: Email: In Person: Client Instructions: Date Contacted: Contacted By: Regarding: Comments: CorrectiveAction:



WorkOrder:

1604814

# **Certifications**

STATE	CERTIFICATION#
NEW YORK	10478
NEW JERSEY	NY158
CONNECTICUT	PH-0435
MARYLAND	208
MAS S ACHUS ETTS	MNY026
NEW HAMPS HIRE	2987
RHODE IS LAND	LAO00340
PENNS YLVANIA	68-00350

575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS

Origin: Raw Well

Results are only for the samples and analytes requested. Special

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

Bethpage Water District

25 Adams Ave.

Lab No. : 1604813-001 Client Sample ID.: N-03876

Bethpage, NY 11714 Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No N-03876 Received: 04/08/2016 11:00 AM Location: Well 6-1

Collected By: PS99

Analytical Method: E522:		Pre	o Method: E52	2	Prep Date:	4/11/2016 6:48:33 AM	Analyst: SH
Parameter(s)	<u>Results</u>	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane	9.6	D	+ 5	μg/L		04/12/2016 2:42 AM	Container-01 of 02
Surr: 1,4-Dioxane-D8	88.0		1	%Rec	Limit 70-130	04/12/2016 12:13 AM	Container-01 of 02

Qualifiers: E = Value above quantitation range, Value estimated.

B = Found in Blank

D.F. = Dilution Factor D = Results for Dilution

c = Calibration acceptability criteria exceeded for this analyte. Value estimated

H = Received/analyzed outside of analytical holding time

J = Estimated value - below calibration range

M-, M+ = Matrix Spike recovery below / above control limit

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P = Duplicate RPD outside of control limit

r = Reporting limit below calibration range. Value estimated.

S = Recovery outside of control limits for this analyte

+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported : 4/12/2016

Sr.Project Manager: Stu Murrell

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575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

## LABORATORY RESULTS

Type: Potable Water Origin: Raw Well

Special

Results are only for the samples and analytes requested. The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the tests requested

Bethpage Water District

25 Adams Ave.

Bethpage, NY 11714

Lab No. : 1604813-002 Client Sample ID.: N-08941

Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No N-08941 Received: 04/08/2016 11:00 AM Location: Well 6-2

Collected By: PS99

Analytical Method: E522:		Pre	Method: E52	2	Prep Date:	4/11/2016 6:48:33 AM	Analyst: SH
Parameter(s)	<u>Results</u>	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane	7.3	D	+ 5	μg/L		04/12/2016 3:07 AM	Container-01 of 02
Surr: 1,4-Dioxane-D8	90.6		1	%Rec	Limit 70-130	04/12/2016 12:37 AM	Container-01 of 02

Qualifiers: E = Value above quantitation range, Value estimated.

B = Found in Blank

D.F. = Dilution Factor D = Results for Dilution

c = Calibration acceptability criteria exceeded for this analyte. Value estimated

H = Received/analyzed outside of analytical holding time

J = Estimated value - below calibration range

M-, M+ = Matrix Spike recovery below / above control limit

N = Indicates presumptive evidence of compound

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Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported : 4/12/2016

Sr.Project Manager: Stu Murrell

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575 Broad Hollow Road, Melville, NY 11747 TEL: (631) 694-3040 FAX: (631) 420-8436 NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS Results are only for the samples and analytes requested. The lab is not directly responsible for the integrity of the sample before

Type: Potable Water Origin: Treated Well

Special

**Treatment** 

Bethpage Water District

25 Adams Ave.

Bethpage, NY 11714

Lab No. : 1604813-003 Client Sample ID.: ASGAC-6-16-2

Treated-GAC

Attn To: Michael Boufis Federal ID: 2902817

Collected: 04/08/2016 9:45 AM Point No ASGAC-6-16-2 Received: 04/08/2016 11:00 AM Location: Plant 6 Airstripper/GAC

Collected By: PS99

Analytical Method: E522 :	Prep Method: E522				Prep Date:	Prep Date: 4/11/2016 6:48:33 AM		
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:	
1,4-Dioxane	7.4	D	+ 5	μg/L		04/12/2016 3:32 AM	Container-01 of 02	
Surr: 1,4-Dioxane-D8	92.5		1	%Rec	Limit 70-130	04/12/2016 1:02 AM	Container-01 of 02	

receipt at the lab and is responsible only for the tests requested

Qualifiers: E = Value above quantitation range, Value estimated.

B = Found in Blank

D.F. = Dilution Factor D = Results for Dilution

c = Calibration acceptability criteria exceeded for this analyte. Value estimated

H = Received/analyzed outside of analytical holding time

J = Estimated value - below calibration range

M-, M+ = Matrix Spike recovery below / above control limit

N = Indicates presumptive evidence of compound

P = Duplicate RPD outside of control limit

r = Reporting limit below calibration range. Value estimated.

S = Recovery outside of control limits for this analyte

+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with \*\* Exceed NYS Regulatory Limit(s). Limit noted.

Date Reported: 4/12/2016

Sty Murell

Sr.Project Manager: Stu Murrell

Test results meet the requirements of NELAC unless otherwise noted.

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## PACE ANALYTICAL 575 Broad Hollow Road Melville, NY 11747

## **Sample Receipt Checklist**

TEL: (631) 694-3040 FAX: (631) 420-8436 Website: <u>www.pacelabs.com</u>

Client Name BWD			Date and T	ime Received:	4/8/2016 11:00:00 AM	
Work Order Number: 1604813 RcptNo: 1	Received by Matthew Grasso					
Completed by:	_	Revi	ewed by:	tu 7	Turell	
Completed Date: 4/8/2016 3:57:11 PM		Revi	ewed Date:	4/9/2016	6 2:48:31 PM	
Carrier name: Client						
Chain of custody present? Chain of custody signed when relinquished and received? Chain of custody agrees with sample labels? Are matrices correctly identified on Chain of custody? Is it clear what analyses were requested? Custody seals intact on sample bottles?	Yes Yes Yes Yes Yes	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	No	Not Present	<b>✓</b>	
Samples in proper container/bottle? Were correct preservatives used and noted? Preservative added to bottles:	Yes Yes	✓ ✓	No  No  No	NA		
Sample Condition? Sufficient sample volume for indicated test? Were container labels complete (ID, Pres, Date)? All samples received within holding time?	Intact Yes Yes Yes	<b>&gt; &gt; &gt; &gt;</b>	Broken	Leaking		
Was an attempt made to cool the samples? All samples received at a temp. of > 0° C to 6.0° C? Response when temperature is outside of range:	Yes Yes		No 🗌 No 🗆	NA NA	□ ✓	
Sample Temp. taken and recorded upon receipt?  Water - Were bubbles absent in VOC vials?  Water - Was there Chlorine Present?  Water - pH acceptable upon receipt?  Are Samples considered acceptable?	Yes Yes Yes Yes Yes		No	To 14. No Vials NA No Water	.7° ✓	
Custody Seals present? Airbill or Sticker? Airbill No:	Yes Air Bil		No <b>✓</b> Sticker □	Not Present	✓	
Case Number: SDG:		\$	SAS:			
Any No response should be detailed in the comments section	n below, if appl	icable				
	Person Conta	acted:	☐ In Person:			
Regarding: Comments:						
CorrectiveAction:						



<u>WorkOrder :</u> 1604813

# **Certifications**

STATE	CERTIFICATION#			
NEW YORK	10478			
NEW JERSEY	NY158			
CONNECTICUT	PH-0435			
MARYLAND	208			
MAS S ACHUS ETTS	MNY026			
NEW HAMPS HIRE	2987			
RHODE IS LAND	LAO00340			
PENNS YLVANIA	68-00350			