

N 11633

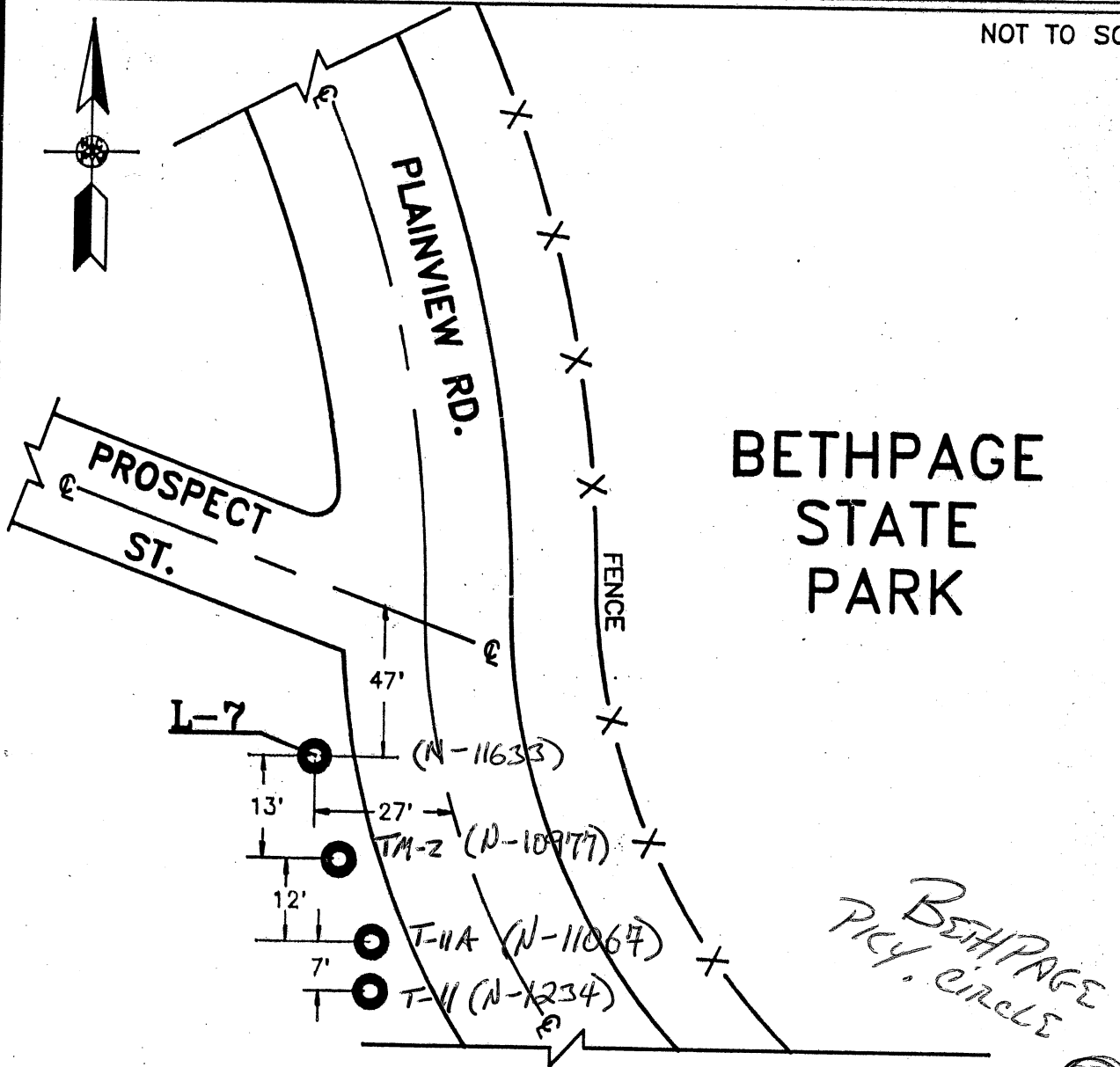
DEPARTMENT OF PUBLIC WORKS

Division of Sanitation & Water Supply

Nassau County, New York

N.Y. STATE NO: N-11633 NASSAU COUNTY WELL NO: L-7
 LOCATION: PROSPECT ST. & PLAINVIEW RD. - BETHPAGE -
 DATE INSTALLED: 8-6-90 TOTAL DEPTH: 1075' COUNTY GRID NO.: U 15
 DIAMETER: 4" BOTTOM WELL ELEV.: -974.57' LATD.: 404418
 MEAS. POINT: T.O.P. TOP SCREEN ELEV.: -949.57' LONG.: 732815
 ELEV. MEAS. PT: 100.43' BOT SCREEN ELEV.: -969.57' AQUIFER: LLOYD

NOT TO SCALE



REMARKS:

Drawn By: J. KEISER
 Checked By: A. GLADDO
 Keypunched By:

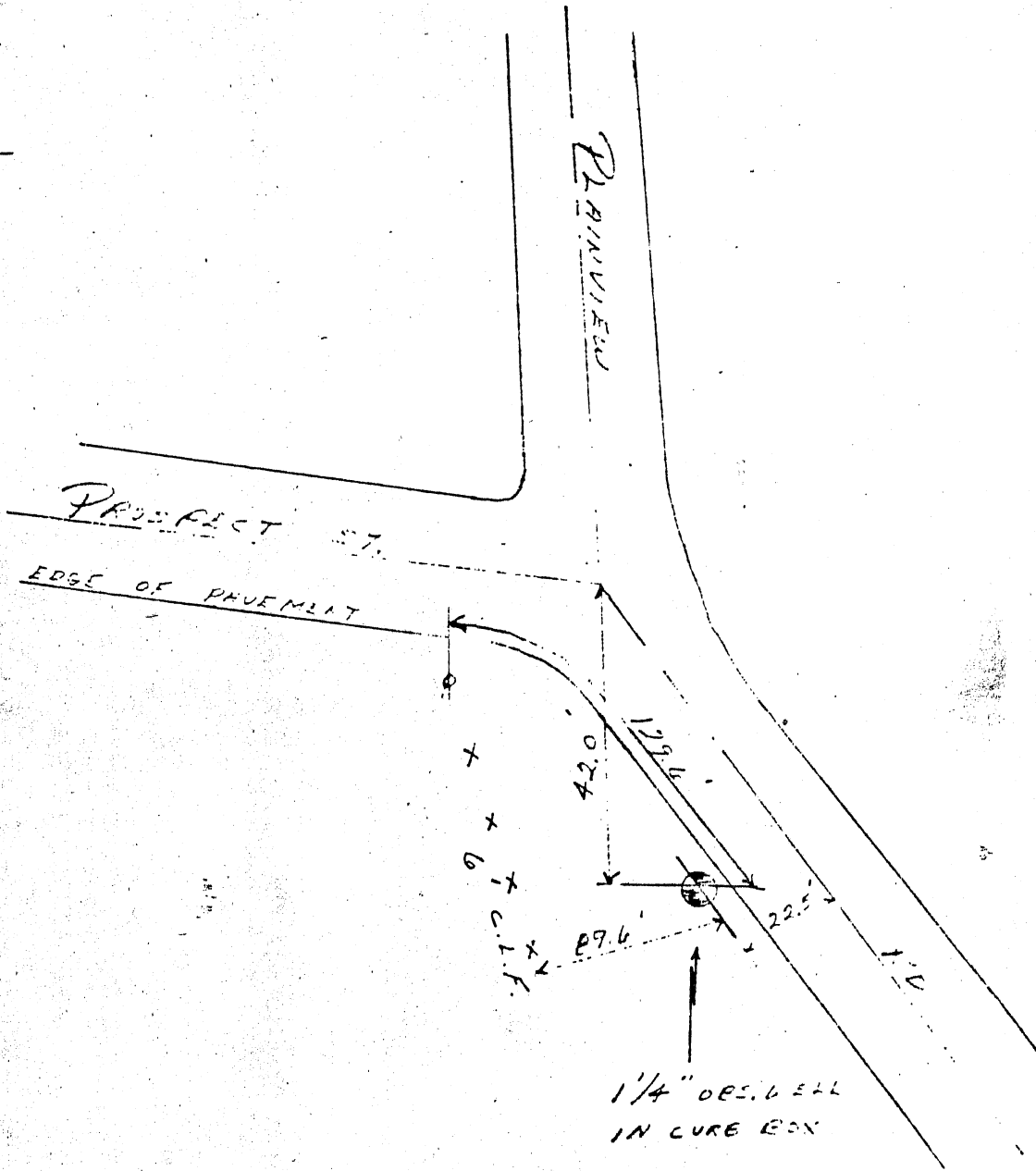
Date: 12-6-90
 Date: 11-9-90
 Date:

DEPARTMENT OF PUBLIC WORKS
 Division of Sanitation & Water Supply
 Nassau County, New York

T-11

NASSAU COUNTY WELL NO: T-11
 N.Y. STATE NO: N 1234
 TOTAL DEPTH: 65.33'
 DIAMETER: 1 1/4"
 DEPTH TO WATER: 35.94' (6/3/76)

LOCATION: BETH PAGE
 INSTALLED: 3-28-38
 MEAS. POINT: TOP OF PIPE
 ELEV. MEAS. PT: 108.68 (10/15/76)
 DRILLER: C. AFONCEA



REMARKS:

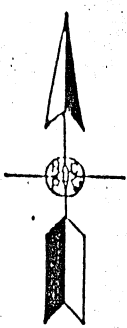
LOCATION SKETCH
 REVISED 9/7/76

Drawn By: RCV
 Checked By:

Date: 9/17/76
 Date:

DEPARTMENT OF PUBLIC WORKS
 Division of Sanitation & Water Supply
 Nassau County, New York

N.Y. STATE NO: N-11067 NASSAU COUNTY WELL NO: T-11A
 LOCATION: PLAINVIEW ROAD & PROSPECT ST. BETHPAGE LAT: _____ LONG: _____
 DIAMETER: 4" TOTAL DEPTH: 99' DEPTH TO WATER: _____
 MEAS. POINT: TOP OF CASING TOP SCREEN DEPTH: 83'5" DATE INSTALLED: 12/23/87
 ELEV. MEAS. PT: 100.62 SCREEN INTERVAL: _____ DRILLER: HYDRO GROUP



T-11A ^{TOP} CASING ELEV. = 100.62
 T-M-2 ^{TOP} CASING ELEV. = 100.77
 T-11 ^{TOP} CASING ELEV. = 100.63

} NOT VALID

PLAINVIEW ROAD

PROSPECT STREET

EDGE OF PAVEMENT

WELL NO.
TM-2

WELL NO.
T-11A

WELL NO.
T-11

PLAINVIEW ROAD

22.5'

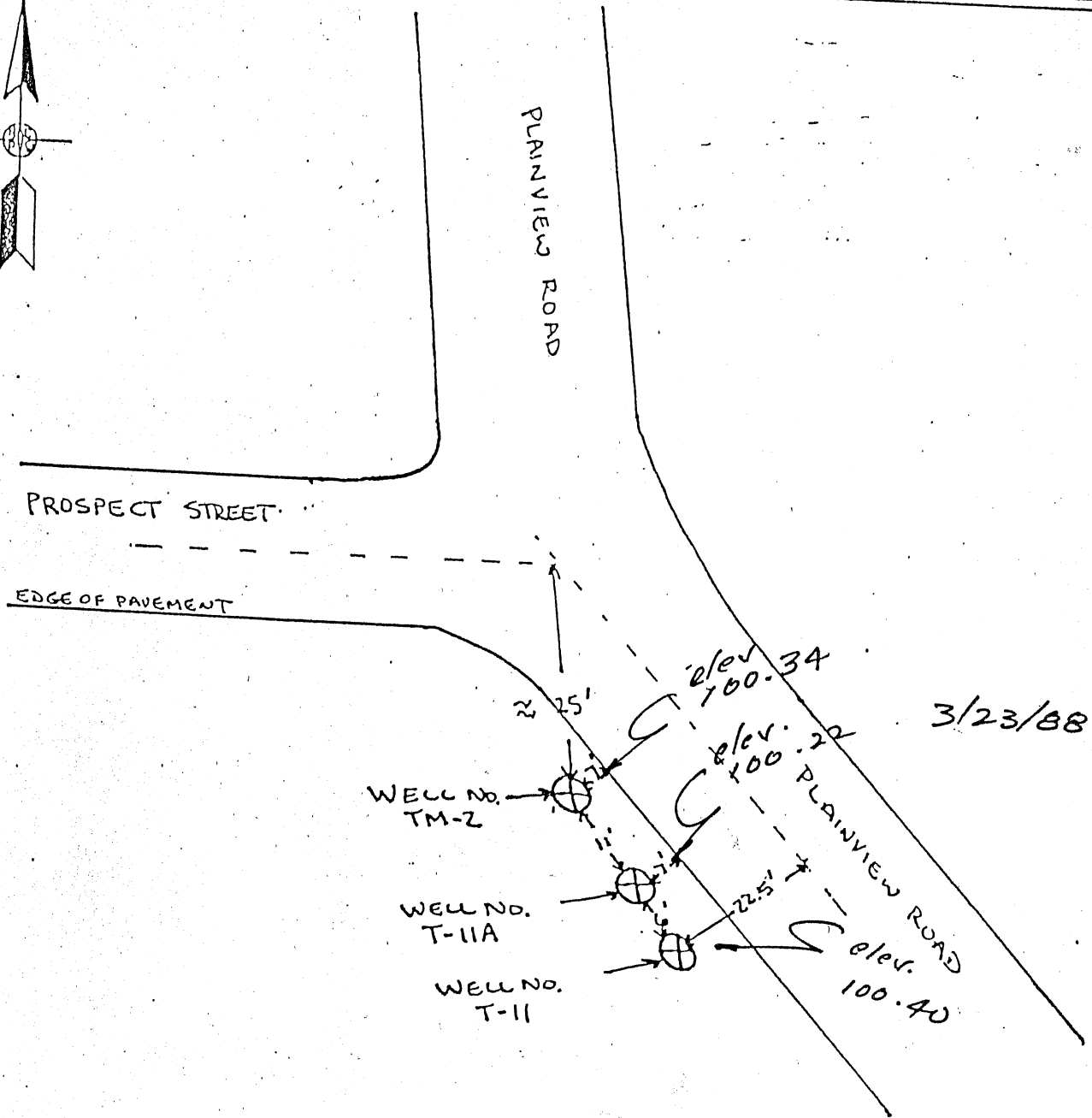
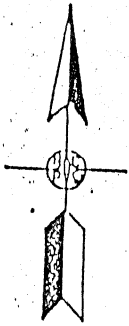
REMARKS:

Drawn By:

Date:

DEPARTMENT OF PUBLIC WORKS
 Division of Sanitation & Water Supply
 Nassau County, New York

N.Y. STATE NO: N-10977 NASSAU COUNTY WELL NO: TM-2
 LOCATION: PLAINVIEW RD + PROSPECT ST. BETHPAGE LAT: _____ LONG: _____
 DIAMETER: 4" TOTAL DEPTH: 693.5' DEPTH TO WATER: _____
 MEAS. POINT: TOP OF CASING TOP SCREEN DEPTH: 668' DATE INSTALLED: 12/11/87
 ELEV. MEAS. PT.: 100.77 SCREEN INTERVAL: _____ DRILLER: HYDRO GROUP



REMARKS:

Drawn By:



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.

Nassau County DPW

**3340 Merrick Rd.
Wantagh, NY 11793**

Attn To : Mike Flaherty

Collected : 6/24/2016 10:50:00 AM
Received : 6/24/2016 1:15:00 PM Firemans Training Center
Collected By CLIENT

Lab No. : 1606061-001
Client Sample ID: N-10733

Sample Information:

Type : Groundwater

Origin:

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> BL		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
1,1,1,2-Tetrachloroethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,1,1-Trichloroethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,1,2,2-Tetrachloroethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,1,2-Trichloroethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,1-Dichloroethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,1-Dichloroethene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,1-Dichloropropene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2,3-Trichlorobenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2,3-Trichloropropane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2,4,5-Tetramethylbenzene	< 5.0	+	1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2,4-Trichlorobenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2,4-Trimethylbenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2-Dibromo-3-chloropropane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2-Dibromoethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2-Dichlorobenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2-Dichloroethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,2-Dichloropropane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,3,5-Trimethylbenzene/P-ethyltoluene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,3-Dichlorobenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,3-Dichloropropane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
1,4-Dichlorobenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
2,2-Dichloropropane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
2-Butanone	< 5.0	c	1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
2-Chloroethylvinyl ether	NR		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
2-Chlorotoluene/4-Chlorotoluene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
2-Hexanone	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
4-Isopropyltoluene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
4-Methyl-2-pentanone	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Acetone	< 5.0		1	µg/L	06/24/2016 7:39 PM	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
- 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

Elizabeth Harrison

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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LABORATORY RESULTS

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Nassau County DPW

**3340 Merrick Rd.
Wantagh, NY 11793**

Attn To : Mike Flaherty

Collected : 6/24/2016 10:50:00 AM

Received : 6/24/2016 1:15:00 PM Firemans Training Center

Collected By CLIENT

Lab No. : 1606061-001
Client Sample ID: N-10733

Sample Information:

Type : Groundwater

Origin:

Analytical Method: SW8260C :

Prep Method: 5030C

Analyst: BL

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
Acrylonitrile	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Benzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Bromobenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Bromochloromethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Bromodichloromethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Bromoform	< 5.0	c	1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Bromomethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Carbon disulfide	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Carbon tetrachloride	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Chlorobenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Chlorodifluoromethane	< 5.0	+	1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Chloroethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Chloroform	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Chloromethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
cis-1,2-Dichloroethene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
cis-1,3-Dichloropropene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Dibromochloromethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Dibromomethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Dichlorodifluoromethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Ethylbenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Freon-113	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Hexachlorobutadiene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Isopropylbenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
m,p-Xylene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Methyl tert-butyl ether	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Methylene chloride	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Naphthalene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
n-Butylbenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
n-Propylbenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
o-Xylene	< 5.0		1	µg/L	06/24/2016 7:39 PM	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

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

Date Reported : 6/28/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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LABORATORY RESULTS

Results are only for the samples and analytes requested.
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Nassau County DPW
3340 Merrick Rd.
Wantagh, NY 11793

Lab No. : 1606061-001
Client Sample ID: N-10733

Sample Information:
Type : Groundwater

Origin:

Attn To : Mike Flaherty
Collected : 6/24/2016 10:50:00 AM
Received : 6/24/2016 1:15:00 PM Firemans Training Center
Collected By CLIENT

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C				<u>Analyst:</u> BL	
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
p-Diethylbenzene	< 5.0	+	1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
p-Ethyltoluene	< 5.0	+	1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
sec-Butylbenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Styrene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
tert Amyl methyl ether	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
tert-Butyl Alcohol	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
tert-Butylbenzene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Tetrachloroethene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Toluene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
trans-1,2-Dichloroethene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
trans-1,3-Dichloropropene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Trichloroethene	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Trichlorofluoromethane	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Vinyl chloride	< 5.0		1	µg/L	06/24/2016 7:39 PM	Container-01 of 02
Surr: 1,2-Dichloroethane-d4	88.9		1	%Rec	Limit 68-153	06/24/2016 7:39 PM
Surr: 4-Bromofluorobenzene	86.2		1	%Rec	Limit 79-124	06/24/2016 7:39 PM
Surr: Toluene-d8	88.9		1	%Rec	Limit 69-124	06/24/2016 7:39 PM

NOTES:

NR=Analyte not reportable due to improper sample preservation.

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

Date Reported : 6/28/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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Sample Receipt Checklist

Client Name NCDPW-A

Date and Time Received: 6/24/2016 1:15:00 PM

Work Order Number: 1606061

RcptNo: 1

Received by John Stanton

Completed by:

[Handwritten signature: John Stanton]

Reviewed by:

[Handwritten signature: Elizabeth Harrison]

Completed Date: 6/24/2016 1:45:51 PM

Reviewed Date: 6/27/2016 9:24:47 PM

Carrier name: Client

Chain of custody present? Yes [checked] No []
Chain of custody signed when relinquished and received? Yes [checked] No []
Chain of custody agrees with sample labels? Yes [checked] No []
Are matrices correctly identified on Chain of custody? Yes [checked] No []
Is it clear what analyses were requested? Yes [checked] No []
Custody seals intact on sample bottles? Yes [] No [] Not Present [checked]
Samples in proper container/bottle? Yes [checked] No []
Were correct preservatives used and noted? Yes [checked] No [] NA []
Preservative added to bottles:
Sample Condition? Intact [checked] Broken [] Leaking []
Sufficient sample volume for indicated test? Yes [checked] No []
Were container labels complete (ID, Pres, Date)? Yes [checked] No []
All samples received within holding time? Yes [checked] No []
Was an attempt made to cool the samples? Yes [checked] No [] NA []
All samples received at a temp. of > 0° C to 6.0° C? Yes [checked] No [] NA []
Response when temperature is outside of range: Samples were collected the same day and chilled.
Sample Temp. taken and recorded upon receipt? Yes [checked] No [] To 0.7 °
Water - Were bubbles absent in VOC vials? Yes [checked] No [] No Vials []
Water - Was there Chlorine Present? Yes [] No [] NA [checked]
Water - pH acceptable upon receipt? Yes [checked] No [] No Water []
Are Samples considered acceptable? Yes [checked] No []
Custody Seals present? Yes [] No [checked]
Airbill or Sticker? Air Bil [] Sticker [] Not Present [checked]

Case Number:

SDG:

SAS:

Any No response should be detailed in the comments section below, if applicable.

Client Contacted? [] Yes [] No [checked] NA [] Person Contacted:
Contact Mode: [] Phone: [] Fax: [] Email: [] In Person:
Client Instructions:
Date Contacted: Contacted By:
Regarding:
Comments:
CorrectiveAction:

WorkOrder :
1606061

Certifications

STATE	CERTIFICATION #
NEW YORK	10478
NEW JERSEY	NY158
CONNECTICUT	PH-0435
MARYLAND	208
MAS S ACHUS E TTS	M-NY026
NE W HAMP S HIRE	2987
RHODE IS LAND	LAO00340
P E NNS YLVANIA	68-00350



LABORATORY RESULTS

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Nassau County DPW
3340 Merrick Rd.
Wantagh, NY 11793

Lab No. : 1606150-001
Client Sample ID: N-10977

Sample Information:

Type : Groundwater

Origin:

Attn To : Mike Flaherty
Collected : 6/17/2016 11:50:00 AM
Received : 6/17/2016 1:55:00 PM Firemans Training Center
Collected By VE99

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> KG		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
1,1,1,2-Tetrachloroethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,1,1-Trichloroethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,1,2,2-Tetrachloroethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,1,2-Trichloroethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,1-Dichloroethane	< 5.0	S	1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,1-Dichloroethene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,1-Dichloropropene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2,3-Trichlorobenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2,3-Trichloropropane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2,4,5-Tetramethylbenzene	< 5.0	+	1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2,4-Trichlorobenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2,4-Trimethylbenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2-Dibromo-3-chloropropane	< 5.0	c	1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2-Dibromoethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2-Dichlorobenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2-Dichloroethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,2-Dichloropropane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,3,5-Trimethylbenzene/P-ethyltoluene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,3-Dichlorobenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,3-Dichloropropane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
1,4-Dichlorobenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
2,2-Dichloropropane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
2-Butanone	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
2-Chloroethylvinyl ether	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
2-Chlorotoluene/4-Chlorotoluene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
2-Hexanone	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
4-Isopropyltoluene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
4-Methyl-2-pentanone	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Acetone	< 5.0		1	µg/L	06/20/2016 8:09 PM	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

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S = Recovery outside of control limits for this analyte

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Date Reported : 6/22/2016

Project Manager : Elizabeth Harrison

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3340 Merrick Rd.
Wantagh, NY 11793

Lab No. : 1606150-001
Client Sample ID: N-10977

Sample Information:

Type : Groundwater

Origin:

Attn To : Mike Flaherty
Collected : 6/17/2016 11:50:00 AM
Received : 6/17/2016 1:55:00 PM Firemans Training Center
Collected By VE99

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> KG		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
Acrylonitrile	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Benzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Bromobenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Bromochloromethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Bromodichloromethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Bromoform	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Bromomethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Carbon disulfide	< 5.0	c	1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Carbon tetrachloride	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Chlorobenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Chlorodifluoromethane	< 5.0		+ 1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Chloroethane	< 5.0	c	1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Chloroform	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Chloromethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
cis-1,2-Dichloroethene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
cis-1,3-Dichloropropene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Dibromochloromethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Dibromomethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Dichlorodifluoromethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Ethylbenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Freon-113	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Hexachlorobutadiene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Isopropylbenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
m,p-Xylene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Methyl tert-butyl ether	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Methylene chloride	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Naphthalene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
n-Butylbenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
n-Propylbenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
o-Xylene	< 5.0		1	µg/L	06/20/2016 8:09 PM	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

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

Date Reported : 6/22/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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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.

Nassau County DPW

**3340 Merrick Rd.
Wantagh, NY 11793**

Attn To : Mike Flaherty

Collected : 6/17/2016 11:50:00 AM
 Received : 6/17/2016 1:55:00 PM Firemans Training Center
 Collected By VE99

Lab No. : 1606150-001
Client Sample ID: N-10977

Sample Information:

Type : Groundwater

Origin:

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C				<u>Analyst:</u> KG	
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
p-Diethylbenzene	< 5.0	+	1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
p-Ethyltoluene	< 5.0	+	1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
sec-Butylbenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Styrene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
tert Amyl methyl ether	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
tert-Butyl Alcohol	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
tert-Butylbenzene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Tetrachloroethene	< 5.0	c	1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Toluene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
trans-1,2-Dichloroethene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
trans-1,3-Dichloropropene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Trichloroethene	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Trichlorofluoromethane	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Vinyl chloride	< 5.0		1	µg/L	06/20/2016 8:09 PM	Container-01 of 02
Surr: 1,2-Dichloroethane-d4	83.3		1	%Rec	Limit 68-153	06/20/2016 8:09 PM
Surr: 4-Bromofluorobenzene	88.6		1	%Rec	Limit 79-124	06/20/2016 8:09 PM
Surr: Toluene-d8	82.5		1	%Rec	Limit 69-124	06/20/2016 8:09 PM

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

Date Reported : 6/22/2016

Project Manager : Elizabeth Harrison

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PACE ANALYTICAL
 575 Broad Hollow Road
 Melville, NY 11747
 TEL: (631) 694-3040 FAX: (631) 420-8436
 Website: www.pacelabs.com

Sample Receipt Checklist

Client Name **NCDPW-A**

Date and Time Received: **6/17/2016 1:55:00 PM**

Work Order Number: **1606150**

RcptNo: **1**

Received by **Linda Siciliano**

Completed by: *Jaclyn Kuri*

Reviewed by: *Elizabeth Harrison*

Completed Date: 6/17/2016 8:08:23 PM

Reviewed Date: 6/20/2016 8:29:24 PM

Carrier name: Client

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Are matrices correctly identified on Chain of custody?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Is it clear what analyses were requested?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Were correct preservatives used and noted?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	
Preservative added to bottles:				
Sample Condition?	Intact <input checked="" type="checkbox"/>	Broken <input type="checkbox"/>	Leaking <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Were container labels complete (ID, Pres, Date)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Was an attempt made to cool the samples?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	
All samples received at a temp. of > 0° C to 6.0° C?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	
Response when temperature is outside of range:	Samples were collected the same day and chilled.			
Sample Temp. taken and recorded upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	To 16.9 °	
Water - Were bubbles absent in VOC vials?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No Vials <input type="checkbox"/>	
Water - Was there Chlorine Present?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No Water <input type="checkbox"/>	
Are Samples considered acceptable?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Custody Seals present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
Airbill or Sticker?	Air Bil <input type="checkbox"/>	Sticker <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>	

Case Number:

SDG:

SAS:

Any No response should be detailed in the comments section below, if applicable.

Client Contacted? Yes No NA Person Contacted:

Contact Mode: Phone: Fax: Email: In Person:

Client Instructions:

Date Contacted: _____ Contacted By: _____

Regarding:

Comments:

CorrectiveAction:

WorkOrder :
1606150

Certifications

STATE	CERTIFICATION #
NEW YORK	10478
NEW JERSEY	NY158
CONNECTICUT	PH-0435
MARYLAND	208
MAS S ACHUS E TTS	M-NY026
NE W HAMP S HIRE	2987
RHODE IS LAND	LAO00340
PE NNS YLVANIA	68-00350



LABORATORY RESULTS

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Nassau County DPW

**3340 Merrick Rd.
Wantagh, NY 11793**

Attn To : Mike Flaherty

Collected : 6/20/2016 1:15:00 PM

Received : 6/21/2016 10:00:00 AM Firemans Training Center

Collected By CLIENT

Lab No. : 1606K10-001

Client Sample ID: N-11633

Sample Information:

Type : Groundwater

Origin:

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> KG		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
1,1,1,2-Tetrachloroethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,1,1-Trichloroethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,1,2,2-Tetrachloroethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,1,2-Trichloroethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,1-Dichloroethane	< 5.0	S	1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,1-Dichloroethene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,1-Dichloropropene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2,3-Trichlorobenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2,3-Trichloropropane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2,4,5-Tetramethylbenzene	< 5.0	+	1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2,4-Trichlorobenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2,4-Trimethylbenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2-Dibromo-3-chloropropane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2-Dibromoethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2-Dichlorobenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2-Dichloroethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,2-Dichloropropane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,3,5-Trimethylbenzene/P-ethyltoluene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,3-Dichlorobenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,3-Dichloropropane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
1,4-Dichlorobenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
2,2-Dichloropropane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
2-Butanone	< 5.0	c	1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
2-Chloroethylvinyl ether	NR	cS	1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
2-Chlorotoluene/4-Chlorotoluene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
2-Hexanone	< 5.0	c	1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
4-Isopropyltoluene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
4-Methyl-2-pentanone	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Acetone	< 5.0		1	µg/L	06/22/2016 8:46 PM	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

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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

Date Reported : 6/24/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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LABORATORY RESULTS

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Nassau County DPW

**3340 Merrick Rd.
Wantagh, NY 11793**

Attn To : Mike Flaherty

Collected : 6/20/2016 1:15:00 PM

Received : 6/21/2016 10:00:00 AM Firemans Training Center

Collected By CLIENT

Lab No. : 1606K10-001
Client Sample ID: N-11633

Sample Information:

Type : Groundwater

Origin:

<u>Analytical Method:</u> SW8260C :				<u>Prep Method:</u> 5030C	<u>Analyst:</u> KG	
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
Acrylonitrile	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Benzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Bromobenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Bromochloromethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Bromodichloromethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Bromoform	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Bromomethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Carbon disulfide	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Carbon tetrachloride	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Chlorobenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Chlorodifluoromethane	< 5.0	+	1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
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cis-1,2-Dichloroethene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
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Dibromochloromethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Dibromomethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Dichlorodifluoromethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Ethylbenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Freon-113	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Hexachlorobutadiene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Isopropylbenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
m,p-Xylene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Methyl tert-butyl ether	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Methylene chloride	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Naphthalene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
n-Butylbenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
n-Propylbenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
o-Xylene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 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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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

Date Reported : 6/24/2016

Project Manager : Elizabeth Harrison

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LABORATORY RESULTS

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Nassau County DPW

**3340 Merrick Rd.
Wantagh, NY 11793**

Attn To : Mike Flaherty

Collected : 6/20/2016 1:15:00 PM
Received : 6/21/2016 10:00:00 AM Firemans Training Center
Collected By CLIENT

Lab No. : 1606K10-001
Client Sample ID: N-11633

Sample Information:

Type : Groundwater

Origin:

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> KG		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
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Styrene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
tert Amyl methyl ether	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
tert-Butyl Alcohol	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
tert-Butylbenzene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Tetrachloroethene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Toluene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
trans-1,2-Dichloroethene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
trans-1,3-Dichloropropene	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
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Trichlorofluoromethane	< 5.0		1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Vinyl chloride	< 5.0	c	1	µg/L	06/22/2016 8:46 PM	Container-01 of 02
Surr: 1,2-Dichloroethane-d4	79.5		1	%Rec	Limit 68-153	06/22/2016 8:46 PM Container-01 of 02
Surr: 4-Bromofluorobenzene	97.8		1	%Rec	Limit 79-124	06/22/2016 8:46 PM Container-01 of 02
Surr: Toluene-d8	83.9		1	%Rec	Limit 69-124	06/22/2016 8:46 PM Container-01 of 02

NOTES:

NR=Analyte not reportable due to improper sample preservation.

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

N = Indicates presumptive evidence of compound

P = Duplicate RPD outside of control limit

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

Date Reported : 6/24/2016

Project Manager : Elizabeth Harrison

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LABORATORY RESULTS

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Nassau County DPW
3340 Merrick Rd.
Wantagh, NY 11793

Lab No. : 1606K10-002
Client Sample ID: N-11067

Sample Information:
Type : Groundwater

Origin:

Attn To : Mike Flaherty
Collected : 6/20/2016 10:50:00 AM
Received : 6/21/2016 10:00:00 AM Firemans Training Center
Collected By CLIENT

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> KG		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
1,1,1,2-Tetrachloroethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,1,1-Trichloroethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,1,2,2-Tetrachloroethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,1,2-Trichloroethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,1-Dichloroethane	< 5.0	S	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,1-Dichloroethene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,1-Dichloropropene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2,3-Trichlorobenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2,3-Trichloropropane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2,4,5-Tetramethylbenzene	< 5.0	+	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2,4-Trichlorobenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2,4-Trimethylbenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2-Dibromo-3-chloropropane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2-Dibromoethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2-Dichlorobenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2-Dichloroethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,2-Dichloropropane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,3,5-Trimethylbenzene/P-ethyltoluene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,3-Dichlorobenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,3-Dichloropropane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
1,4-Dichlorobenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
2,2-Dichloropropane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
2-Butanone	< 5.0	c	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
2-Chloroethylvinyl ether	NR	cS	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
2-Chlorotoluene/4-Chlorotoluene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
2-Hexanone	< 5.0	c	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
4-Isopropyltoluene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
4-Methyl-2-pentanone	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Acetone	< 5.0		1	µg/L	06/22/2016 9:04 PM	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

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

Date Reported : 6/24/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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LABORATORY RESULTS

Results are only for the samples and analytes requested.

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Nassau County DPW

**3340 Merrick Rd.
Wantagh, NY 11793**

Attn To : Mike Flaherty

Collected : 6/20/2016 10:50:00 AM

Received : 6/21/2016 10:00:00 AM Firemans Training Center

Collected By CLIENT

Lab No. : 1606K10-002
Client Sample ID: N-11067

Sample Information:

Type : Groundwater

Origin:

Analytical Method: SW8260C :

Prep Method: 5030C

Analyst: KG

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
Acrylonitrile	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Benzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Bromobenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Bromochloromethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Bromodichloromethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Bromoform	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Bromomethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Carbon disulfide	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Carbon tetrachloride	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Chlorobenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Chlorodifluoromethane	< 5.0	+	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Chloroethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Chloroform	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Chloromethane	< 5.0	c	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
cis-1,2-Dichloroethene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
cis-1,3-Dichloropropene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Dibromochloromethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Dibromomethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Dichlorodifluoromethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Ethylbenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Freon-113	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Hexachlorobutadiene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Isopropylbenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
m,p-Xylene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Methyl tert-butyl ether	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Methylene chloride	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Naphthalene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
n-Butylbenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
n-Propylbenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
o-Xylene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02

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

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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

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S = Recovery outside of control limits for this analyte

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

Date Reported : 6/24/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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LABORATORY RESULTS

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Nassau County DPW
3340 Merrick Rd.
Wantagh, NY 11793

Lab No. : 1606K10-002
Client Sample ID: N-11067

Sample Information:
Type : Groundwater

Origin:

Attn To : Mike Flaherty
Collected : 6/20/2016 10:50:00 AM
Received : 6/21/2016 10:00:00 AM Firemans Training Center
Collected By CLIENT

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C				<u>Analyst:</u> KG	
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
p-Diethylbenzene	< 5.0	+	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
p-Ethyltoluene	< 5.0	+	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
sec-Butylbenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Styrene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
tert Amyl methyl ether	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
tert-Butyl Alcohol	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
tert-Butylbenzene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Tetrachloroethene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Toluene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
trans-1,2-Dichloroethene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
trans-1,3-Dichloropropene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Trichloroethene	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Trichlorofluoromethane	< 5.0		1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Vinyl chloride	< 5.0	c	1	µg/L	06/22/2016 9:04 PM	Container-01 of 02
Surr: 1,2-Dichloroethane-d4	82.2		1	%Rec	Limit 68-153	06/22/2016 9:04 PM Container-01 of 02
Surr: 4-Bromofluorobenzene	109		1	%Rec	Limit 79-124	06/22/2016 9:04 PM Container-01 of 02
Surr: Toluene-d8	82.0		1	%Rec	Limit 69-124	06/22/2016 9:04 PM Container-01 of 02

NOTES:

NR=Analyte not reportable due to improper sample preservation.

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

Date Reported : 6/24/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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PACE ANALYTICAL
 575 Broad Hollow Road
 Melville, NY 11747
 TEL: (631) 694-3040 FAX: (631) 420-8436
 Website: www.pacelabs.com

Sample Receipt Checklist

Client Name **NCDPW-A**

Date and Time Received: **6/21/2016 10:00:00 AM**

Work Order Number: **1606K10**

RcptNo: **1**

Received by **John Stanton**

Completed by: *John Stanton*

Reviewed by: *Elizabeth Harrison*

Completed Date: 6/21/2016 11:54:44 AM

Reviewed Date: 6/23/2016 3:57:11 PM

Carrier name: Client

- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- 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
- Custody seals intact on sample bottles? Yes No Not Present
- Samples in proper container/bottle? Yes No
- Were correct preservatives used and noted? Yes No NA
- Preservative added to bottles:
- Sample Condition? Intact Broken Leaking
- Sufficient sample volume for indicated test? Yes No
- Were container labels complete (ID, Pres, Date)? Yes No
- All samples received within holding time? Yes No
- Was an attempt made to cool the samples? Yes No NA
- All samples received at a temp. of > 0° C to 6.0° C? Yes No NA
- Response when temperature is outside of range:
- Sample Temp. taken and recorded upon receipt? Yes No To 1.1 °
- Water - Were bubbles absent in VOC vials? Yes No No Vials
- Water - Was there Chlorine Present? Yes No NA
- Water - pH acceptable upon receipt? Yes No No Water
- Are Samples considered acceptable? Yes No
- Custody Seals present? Yes No
- Airbill or Sticker? Air Bil Sticker Not Present

Case Number:

SDG:

SAS:

Any No response should be detailed in the comments section below, if applicable.

Client Contacted? Yes No NA Person Contacted:
 Contact Mode: Phone: Fax: Email: In Person:
 Client Instructions:
 Date Contacted: Contacted By:
 Regarding:
 Comments:
 CorrectiveAction:

WorkOrder :
1606K10

Certifications

STATE	CERTIFICATION #
NEW YORK	10478
NEW JERSEY	NY158
CONNECTICUT	PH-0435
MARYLAND	208
MAS S ACHUS E TTS	M-NY026
NE W HAMP S HIRE	2987
RHODE IS LAND	LAO00340
P E NNS YLVANIA	68-00350



LABORATORY RESULTS

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Nassau County DPW
3340 Merrick Rd.
Wantagh, NY 11793

Lab No. : 1606Q21-001
Client Sample ID: N-11724

Sample Information:

Type : Groundwater

Origin:

Attn To : Mike Flaherty
Collected : 6/27/2016 10:40:00 AM
Received : 6/27/2016 2:30:00 PM Firemans Training Center
Collected By CLIENT

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C				<u>Analyst:</u> KG	
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
1,1,1,2-Tetrachloroethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,1,1-Trichloroethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,1,2,2-Tetrachloroethane	< 5.0	c	1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,1,2-Trichloroethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,1-Dichloroethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,1-Dichloroethene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,1-Dichloropropene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2,3-Trichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2,3-Trichloropropane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2,4,5-Tetramethylbenzene	< 5.0	+	1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2,4-Trichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2,4-Trimethylbenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2-Dibromo-3-chloropropane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2-Dibromoethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2-Dichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2-Dichloroethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,2-Dichloropropane	< 5.0	cS	1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,3,5-Trimethylbenzene/P-ethyltoluene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,3-Dichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,3-Dichloropropane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
1,4-Dichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
2,2-Dichloropropane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
2-Butanone	< 5.0	c	1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
2-Chloroethylvinyl ether	NR		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
2-Chlorotoluene/4-Chlorotoluene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
2-Hexanone	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
4-Isopropyltoluene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
4-Methyl-2-pentanone	< 5.0	c	1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Acetone	< 5.0	c	1	µg/L	06/29/2016 7:39 PM	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

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

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Date Reported : 7/1/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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LABORATORY RESULTS

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Nassau County DPW
3340 Merrick Rd.
Wantagh, NY 11793

Lab No. : 1606Q21-001
Client Sample ID: N-11724

Sample Information:

Type : Groundwater

Origin:

Attn To : Mike Flaherty
Collected : 6/27/2016 10:40:00 AM
Received : 6/27/2016 2:30:00 PM Firemans Training Center
Collected By CLIENT

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> KG		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
Acrylonitrile	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Benzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Bromobenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Bromochloromethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Bromodichloromethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Bromoform	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Bromomethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Carbon disulfide	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Carbon tetrachloride	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Chlorobenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Chlorodifluoromethane	< 5.0	+	1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
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Chloromethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
cis-1,2-Dichloroethene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
cis-1,3-Dichloropropene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Dibromochloromethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Dibromomethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
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Freon-113	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Hexachlorobutadiene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Isopropylbenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
m,p-Xylene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Methyl tert-butyl ether	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Methylene chloride	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Naphthalene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
n-Butylbenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
n-Propylbenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
o-Xylene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 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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M-, M+ = Matrix Spike recovery below / above control limit

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Date Reported : 7/1/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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Nassau County DPW

**3340 Merrick Rd.
Wantagh, NY 11793**

Attn To : Mike Flaherty

Collected : 6/27/2016 10:40:00 AM
Received : 6/27/2016 2:30:00 PM Firemans Training Center
Collected By CLIENT

Lab No. : 1606Q21-001
Client Sample ID: N-11724

Sample Information:

Type : Groundwater

Origin:

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> KG		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
p-Diethylbenzene	< 5.0	+	1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
p-Ethyltoluene	< 5.0	+	1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
sec-Butylbenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Styrene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
tert Amyl methyl ether	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
tert-Butyl Alcohol	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
tert-Butylbenzene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Tetrachloroethene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Toluene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
trans-1,2-Dichloroethene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
trans-1,3-Dichloropropene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Trichloroethene	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Trichlorofluoromethane	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Vinyl chloride	< 5.0		1	µg/L	06/29/2016 7:39 PM	Container-01 of 02
Surr: 1,2-Dichloroethane-d4	87.0		1	%Rec	Limit 68-153	06/29/2016 7:39 PM Container-01 of 02
Surr: 4-Bromofluorobenzene	89.6		1	%Rec	Limit 79-124	06/29/2016 7:39 PM Container-01 of 02
Surr: Toluene-d8	80.7		1	%Rec	Limit 69-124	06/29/2016 7:39 PM Container-01 of 02

NOTES:

NR=Analyte not reportable due to improper sample preservation.

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

Date Reported : 7/1/2016

Project Manager : Elizabeth Harrison

Test results meet the requirements of NELAC unless otherwise noted.

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LABORATORY RESULTS

Results are only for the samples and analytes requested.
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Nassau County DPW
3340 Merrick Rd.
Wantagh, NY 11793

Lab No. : 1606Q21-002
Client Sample ID: N-11731

Sample Information:

Type : Groundwater

Origin:

Attn To : Mike Flaherty
Collected : 6/27/2016 1:35:00 PM
Received : 6/27/2016 2:30:00 PM
Collected By CLIENT

Firemans Training Center

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> KG		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
1,1,1,2-Tetrachloroethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,1,1-Trichloroethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,1,2,2-Tetrachloroethane	< 5.0	c	1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,1,2-Trichloroethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,1-Dichloroethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,1-Dichloroethene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,1-Dichloropropene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2,3-Trichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2,3-Trichloropropane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2,4,5-Tetramethylbenzene	< 5.0	+	1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2,4-Trichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2,4-Trimethylbenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2-Dibromo-3-chloropropane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2-Dibromoethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2-Dichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2-Dichloroethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,2-Dichloropropane	< 5.0	cS	1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,3,5-Trimethylbenzene/P-ethyltoluene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,3-Dichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,3-Dichloropropane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
1,4-Dichlorobenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
2,2-Dichloropropane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
2-Butanone	< 5.0	c	1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
2-Chloroethylvinyl ether	NR		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
2-Chlorotoluene/4-Chlorotoluene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
2-Hexanone	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
4-Isopropyltoluene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
4-Methyl-2-pentanone	< 5.0	c	1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Acetone	< 5.0	c	1	µg/L	06/29/2016 7:57 PM	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

P = Duplicate RPD outside of 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

Date Reported : 7/1/2016

Project Manager : Elizabeth Harrison

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LABORATORY RESULTS

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Nassau County DPW

**3340 Merrick Rd.
Wantagh, NY 11793**

Attn To : Mike Flaherty

Collected : 6/27/2016 1:35:00 PM

Received : 6/27/2016 2:30:00 PM Firemans Training Center

Collected By CLIENT

Lab No. : 1606Q21-002
Client Sample ID: N-11731

Sample Information:

Type : Groundwater

Origin:

Analytical Method: SW8260C :

Prep Method: 5030C

Analyst: KG

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
Acrylonitrile	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Benzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Bromobenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Bromochloromethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Bromodichloromethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Bromoform	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Bromomethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Carbon disulfide	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Carbon tetrachloride	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Chlorobenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Chlorodifluoromethane	< 5.0		+ 1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Chloroethane	< 5.0	c	1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Chloroform	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Chloromethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
cis-1,2-Dichloroethene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
cis-1,3-Dichloropropene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Dibromochloromethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Dibromomethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Dichlorodifluoromethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Ethylbenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Freon-113	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Hexachlorobutadiene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Isopropylbenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
m,p-Xylene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Methyl tert-butyl ether	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Methylene chloride	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Naphthalene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
n-Butylbenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
n-Propylbenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
o-Xylene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02

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

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

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Date Reported : 7/1/2016

Project Manager : Elizabeth Harrison

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Nassau County DPW
3340 Merrick Rd.
Wantagh, NY 11793

Lab No. : 1606Q21-002
Client Sample ID: N-11731

Sample Information:
Type : Groundwater

Attn To : Mike Flaherty
Collected : 6/27/2016 1:35:00 PM
Received : 6/27/2016 2:30:00 PM Firemans Training Center
Collected By CLIENT

Origin:

<u>Analytical Method:</u> SW8260C :	<u>Prep Method:</u> 5030C			<u>Analyst:</u> KG		
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Analyzed:</u>	<u>Container:</u>
p-Diethylbenzene	< 5.0	+	1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
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tert-Butyl Alcohol	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
tert-Butylbenzene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Tetrachloroethene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Toluene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
trans-1,2-Dichloroethene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
trans-1,3-Dichloropropene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Trichloroethene	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Trichlorofluoromethane	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Vinyl chloride	< 5.0		1	µg/L	06/29/2016 7:57 PM	Container-01 of 02
Surr: 1,2-Dichloroethane-d4	87.3		1	%Rec	Limit 68-153	06/29/2016 7:57 PM
Surr: 4-Bromofluorobenzene	84.9		1	%Rec	Limit 79-124	06/29/2016 7:57 PM
Surr: Toluene-d8	81.0		1	%Rec	Limit 69-124	06/29/2016 7:57 PM

NOTES:

NR=Analyte not reportable due to improper sample preservation.

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

B = Found in Blank

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

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Date Reported : 7/1/2016

Project Manager : Elizabeth Harrison

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PACE ANALYTICAL
 575 Broad Hollow Road
 Melville, NY 11747
 TEL: (631) 694-3040 FAX: (631) 420-8436
 Website: www.pacelabs.com

Sample Receipt Checklist

Client Name **NCDPW-A**

Date and Time Received: **6/27/2016 2:30:00 PM**

Work Order Number: **1606Q21**

RcptNo: **1**

Received by **Paige Doherty**

Completed by: *Paige Doherty*

Reviewed by: *Elizabeth Harrison*

Completed Date: 6/27/2016 4:10:27 PM

Reviewed Date: 6/27/2016 9:50:24 PM

Carrier name: Client

- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- 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
- Custody seals intact on sample bottles? Yes No Not Present
- Samples in proper container/bottle? Yes No
- Were correct preservatives used and noted? Yes No NA
- Preservative added to bottles:
- Sample Condition? Intact Broken Leaking
- Sufficient sample volume for indicated test? Yes No
- Were container labels complete (ID, Pres, Date)? Yes No
- All samples received within holding time? Yes No
- Was an attempt made to cool the samples? Yes No NA
- All samples received at a temp. of > 0° C to 6.0° C? Yes No NA
- Response when temperature is outside of range:
- Sample Temp. taken and recorded upon receipt? Yes No To 0.3 °
- Water - Were bubbles absent in VOC vials? Yes No No Vials
- Water - Was there Chlorine Present? Yes No NA
- Water - pH acceptable upon receipt? Yes No No Water
- Are Samples considered acceptable? Yes No
- Custody Seals present? Yes No
- Airbill or Sticker? Air Bil Sticker Not Present

Case Number:

SDG:

SAS:

Any No response should be detailed in the comments section below, if applicable.

Client Contacted? Yes No NA Person Contacted:
 Contact Mode: Phone: Fax: Email: In Person:
 Client Instructions:
 Date Contacted: Contacted By:
 Regarding:
 Comments:
 CorrectiveAction:

WorkOrder :
1606Q21

Certifications

STATE	CERTIFICATION #
NEW YORK	10478
NEW JERSEY	NY158
CONNECTICUT	PH-0435
MARYLAND	208
MAS S ACHUS E TTS	M-NY026
NE W HAMP S HIRE	2987
RHODE IS LAND	LAO00340
P E NNS YLVANIA	68-00350