



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

Laboratory Results

Results 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 certified tests requested.

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946
Attn To : Rob King

Lab No. : 7065382001
Client Sample ID.: S-31636

Federal ID : 5103704
 Collected : 09/19/2018 07:50 AM Point No: S-31636
 Received : 09/19/2018 02:43 PM Location: Well #1-3
 Collected By : CLIENT

| Analytical Method: EPA 505 | | Prep Method: EPA 505 | | | Prep Date: 09/24/2018 10:22 | | |
|--------------------------------|---------|----------------------|------|-------|-----------------------------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| Alachlor | <0.20 | 1 | | ug/L | 2 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Aldrin | <0.025 | 1 | | ug/L | 5 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Chlordane (Technical) | <0.20 | 1 | | ug/L | 2 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Dieldrin | <0.050 | 1 | | ug/L | 5 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Endrin | <0.010 | 1 | | ug/L | 2 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Heptachlor | <0.025 | 1 | | ug/L | 0.4 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Heptachlor epoxide | <0.020 | 1 | | ug/L | 0.2 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Hexachlorobenzene | <0.10 | 1 | | ug/L | 1 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Hexachlorocyclopentadiene | <0.10 | 1 | | ug/L | 5 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Methoxychlor | <0.10 | 1 | | ug/L | 40 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| PCB Screen | <0.40 | 1 | | ug/L | | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Toxaphene | <1.0 | 1 | | ug/L | 3 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| gamma-BHC (Lindane) | <0.020 | 1 | | ug/L | 0.2 | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Surr: Decachlorobiphenyl (S) | 91% | 1 | | %REC | | 09/24/2018 8:01 PM | 001 DG9T1/2 |
| Surr: Tetrachloro-m-xylene (S) | 104% | 1 | | %REC | | 09/24/2018 8:01 PM | 001 DG9T1/2 |

| Analytical Method: EPA 515.3 | | Prep Method: EPA 515.3 | | | Prep Date: 09/24/2018 2:28 PM | | |
|------------------------------|---------|------------------------|------|-------|-------------------------------|------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 2,4,5-TP (Silvex) | <0.13 | 1 | | ug/L | 10 | 09/29/2018 12:26 | 001 AG3T1/1 |
| 2,4-D | <0.10 | 1 | | ug/L | 50 | 09/29/2018 12:26 | 001 AG3T1/1 |
| Dalapon | <0.70 | 1 | | ug/L | 50 | 09/29/2018 12:26 | 001 AG3T1/1 |
| Dicamba | <1.0 | 1 | | ug/L | 50 | 09/29/2018 12:26 | 001 AG3T1/1 |
| Dinoseb | <0.20 | 1 | | ug/L | 7 | 09/29/2018 12:26 | 001 AG3T1/1 |
| Pentachlorophenol | <0.040 | 1 | | ug/L | 1 | 09/29/2018 12:26 | 001 AG3T1/1 |
| Picloram | <0.10 | 1 | | ug/L | 50 | 09/29/2018 12:26 | 001 AG3T1/1 |
| Surr: 2,4-DCAA (S) | 85% | 1 | | %REC | | 09/29/2018 12:26 | 001 AG3T1/1 |

| Analytical Method: EPA 531.1 | | | | | | | |
|------------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 3-Hydroxycarbofuran | <1.0 | 1 | | ug/L | 50 | 09/24/2018 11:57 | 001 DG6M1/1 |
| Aldicarb | <0.50 | 1 | | ug/L | 3 | 09/24/2018 11:57 | 001 DG6M1/1 |
| Aldicarb sulfone | <0.80 | 1 | | ug/L | 2 | 09/24/2018 11:57 | 001 DG6M1/1 |
| Aldicarb sulfoxide | <0.50 | 1 | | ug/L | 4 | 09/24/2018 11:57 | 001 DG6M1/1 |
| Carbaryl | <1.0 | 1 | | ug/L | 50 | 09/24/2018 11:57 | 001 DG6M1/1 |
| Carbofuran | <0.90 | 1 | | ug/L | 40 | 09/24/2018 11:57 | 001 DG6M1/1 |
| Methomyl | <1.0 | 1 | | ug/L | 50 | 09/24/2018 11:57 | 001 DG6M1/1 |
| Oxamyl | <1.0 | 1 | | ug/L | 50 | 09/24/2018 11:57 | 001 DG6M1/1 |

Qualifiers:
 DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected
 See qualifiers page for additional qualifier definitions.

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Test results meet the requirements of NELAC unless otherwise noted.

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Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.



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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Hampton Bays Water District
P.O. Box 1013
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Attn To : Rob King

Lab No. : 7065382001
Client Sample ID.: S-31636

Federal ID : 5103704
 Collected : 09/19/2018 07:50 AM Point No: S-31636
 Received : 09/19/2018 02:43 PM Location: Well #1-3
 Collected By : CLIENT

Analytical Method:EPA 547

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|------------------|-------------------|
| Glyphosate | <6.0 | | 1 | ug/L | 50 | 09/26/2018 12:37 | 001 DG6T1/1 |

Analytical Method:EPA 548.1

Prep Method: EPA 548.1

Prep Date: 09/20/2018 8:42 AM

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|--------------------|-------------------|
| Endothall | <9.0 | M1 | 1 | ug/L | 50 | 09/24/2018 1:53 PM | 001 AG1U1/1 |

Qualifiers:

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 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected
 See qualifiers page for additional qualifier definitions.

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946
Attn To : Rob King

Lab No. : 7065382002
Client Sample ID.: S-58350

Federal ID : 5103704
 Collected : 09/19/2018 08:50 AM Point No: S-58350
 Received : 09/19/2018 02:43 PM Location: Well #3-1
 Collected By : CLIENT

| Analytical Method: EPA 505 | | Prep Method: EPA 505 | | | Prep Date: 09/24/2018 10:22 | | |
|--------------------------------|---------|----------------------|------|-------|-----------------------------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| Alachlor | <0.20 | | 1 | ug/L | 2 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Aldrin | <0.025 | | 1 | ug/L | 5 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Chlordane (Technical) | <0.20 | | 1 | ug/L | 2 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Dieldrin | <0.050 | | 1 | ug/L | 5 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Endrin | <0.010 | | 1 | ug/L | 2 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Heptachlor | <0.025 | | 1 | ug/L | 0.4 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Heptachlor epoxide | <0.020 | | 1 | ug/L | 0.2 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Hexachlorobenzene | <0.10 | | 1 | ug/L | 1 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Hexachlorocyclopentadiene | <0.10 | | 1 | ug/L | 5 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Methoxychlor | <0.10 | | 1 | ug/L | 40 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| PCB Screen | <0.40 | | 1 | ug/L | | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Toxaphene | <1.0 | | 1 | ug/L | 3 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| gamma-BHC (Lindane) | <0.020 | | 1 | ug/L | 0.2 | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Surr: Decachlorobiphenyl (S) | 78% | | 1 | %REC | | 09/24/2018 8:23 PM | 002 DG9T1/2 |
| Surr: Tetrachloro-m-xylene (S) | 98% | | 1 | %REC | | 09/24/2018 8:23 PM | 002 DG9T1/2 |

| Analytical Method: EPA 515.3 | | Prep Method: EPA 515.3 | | | Prep Date: 09/24/2018 2:28 PM | | |
|------------------------------|---------|------------------------|------|-------|-------------------------------|------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 2,4,5-TP (Silvex) | <0.13 | | 1 | ug/L | 10 | 09/29/2018 12:56 | 002 AG3T1/1 |
| 2,4-D | <0.10 | | 1 | ug/L | 50 | 09/29/2018 12:56 | 002 AG3T1/1 |
| Dalapon | <0.70 | | 1 | ug/L | 50 | 09/29/2018 12:56 | 002 AG3T1/1 |
| Dicamba | <1.0 | | 1 | ug/L | 50 | 09/29/2018 12:56 | 002 AG3T1/1 |
| Dinoseb | <0.20 | | 1 | ug/L | 7 | 09/29/2018 12:56 | 002 AG3T1/1 |
| Pentachlorophenol | <0.040 | | 1 | ug/L | 1 | 09/29/2018 12:56 | 002 AG3T1/1 |
| Picloram | <0.10 | | 1 | ug/L | 50 | 09/29/2018 12:56 | 002 AG3T1/1 |
| Surr: 2,4-DCAA (S) | 90% | | 1 | %REC | | 09/29/2018 12:56 | 002 AG3T1/1 |

| Analytical Method: EPA 531.1 | | | | | | | |
|------------------------------|---------|-----------|------|-------|-------|------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 3-Hydroxycarbofuran | <1.0 | | 1 | ug/L | 50 | 09/25/2018 12:45 | 002 DG6M1/1 |
| Aldicarb | <0.50 | | 1 | ug/L | 3 | 09/25/2018 12:45 | 002 DG6M1/1 |
| Aldicarb sulfone | <0.80 | | 1 | ug/L | 2 | 09/25/2018 12:45 | 002 DG6M1/1 |
| Aldicarb sulfoxide | <0.50 | | 1 | ug/L | 4 | 09/25/2018 12:45 | 002 DG6M1/1 |
| Carbaryl | <1.0 | | 1 | ug/L | 50 | 09/25/2018 12:45 | 002 DG6M1/1 |
| Carbofuran | <0.90 | | 1 | ug/L | 40 | 09/25/2018 12:45 | 002 DG6M1/1 |
| Methomyl | <1.0 | | 1 | ug/L | 50 | 09/25/2018 12:45 | 002 DG6M1/1 |
| Oxamyl | <1.0 | | 1 | ug/L | 50 | 09/25/2018 12:45 | 002 DG6M1/1 |

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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946
Attn To : Rob King

Lab No. : 7065382002
Client Sample ID.: S-58350

Federal ID : 5103704
 Collected : 09/19/2018 08:50 AM Point No: S-58350
 Received : 09/19/2018 02:43 PM Location: Well #3-1
 Collected By : CLIENT

Analytical Method:EPA 547

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|--------------------|-------------------|
| Glyphosate | <6.0 | | 1 | ug/L | 50 | 09/26/2018 1:12 PM | 002 DG6T1/1 |

Analytical Method:EPA 548.1

Prep Method: EPA 548.1

Prep Date: 09/20/2018 8:42 AM

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|--------------------|-------------------|
| Endothall | <9.0 | | 1 | ug/L | 50 | 09/21/2018 8:19 PM | 002 AG1U1/1 |

Qualifiers:

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

Date Reported: 10/05/2018



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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946
Attn To : Rob King

Lab No. : 7065382003
Client Sample ID.: S-58352

Federal ID : 5103704
 Collected : 09/19/2018 09:05 AM Point No: S-58352
 Received : 09/19/2018 02:43 PM Location: Well #3-3
 Collected By : CLIENT

| Analytical Method: EPA 505 | | Prep Method: EPA 505 | | | Prep Date: 09/24/2018 10:22 | | |
|--------------------------------|---------|----------------------|------|-------|-----------------------------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| Alachlor | <0.20 | | 1 | ug/L | 2 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Aldrin | <0.025 | | 1 | ug/L | 5 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Chlordane (Technical) | <0.20 | | 1 | ug/L | 2 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Dieldrin | <0.050 | | 1 | ug/L | 5 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Endrin | <0.010 | | 1 | ug/L | 2 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Heptachlor | <0.025 | | 1 | ug/L | 0.4 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Heptachlor epoxide | <0.020 | | 1 | ug/L | 0.2 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Hexachlorobenzene | <0.10 | | 1 | ug/L | 1 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Hexachlorocyclopentadiene | <0.10 | | 1 | ug/L | 5 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Methoxychlor | <0.10 | | 1 | ug/L | 40 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| PCB Screen | <0.40 | | 1 | ug/L | | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Toxaphene | <1.0 | | 1 | ug/L | 3 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| gamma-BHC (Lindane) | <0.020 | | 1 | ug/L | 0.2 | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Surr: Decachlorobiphenyl (S) | 93% | | 1 | %REC | | 09/24/2018 8:45 PM | 003 DG9T1/2 |
| Surr: Tetrachloro-m-xylene (S) | 112% | | 1 | %REC | | 09/24/2018 8:45 PM | 003 DG9T1/2 |

| Analytical Method: EPA 515.3 | | Prep Method: EPA 515.3 | | | Prep Date: 09/24/2018 2:28 PM | | |
|------------------------------|---------|------------------------|------|-------|-------------------------------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 2,4,5-TP (Silvex) | <0.13 | | 1 | ug/L | 10 | 09/29/2018 1:25 AM | 003 AG3T1/1 |
| 2,4-D | <0.10 | | 1 | ug/L | 50 | 09/29/2018 1:25 AM | 003 AG3T1/1 |
| Dalapon | <0.70 | | 1 | ug/L | 50 | 09/29/2018 1:25 AM | 003 AG3T1/1 |
| Dicamba | <1.0 | | 1 | ug/L | 50 | 09/29/2018 1:25 AM | 003 AG3T1/1 |
| Dinoseb | <0.20 | | 1 | ug/L | 7 | 09/29/2018 1:25 AM | 003 AG3T1/1 |
| Pentachlorophenol | <0.040 | | 1 | ug/L | 1 | 09/29/2018 1:25 AM | 003 AG3T1/1 |
| Picloram | <0.10 | | 1 | ug/L | 50 | 09/29/2018 1:25 AM | 003 AG3T1/1 |
| Surr: 2,4-DCAA (S) | 90% | | 1 | %REC | | 09/29/2018 1:25 AM | 003 AG3T1/1 |

| Analytical Method: EPA 531.1 | | | | | | | |
|------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 3-Hydroxycarbofuran | <1.0 | | 1 | ug/L | 50 | 09/25/2018 2:23 AM | 003 DG6M1/1 |
| Aldicarb | <0.50 | | 1 | ug/L | 3 | 09/25/2018 2:23 AM | 003 DG6M1/1 |
| Aldicarb sulfone | <0.80 | | 1 | ug/L | 2 | 09/25/2018 2:23 AM | 003 DG6M1/1 |
| Aldicarb sulfoxide | <0.50 | | 1 | ug/L | 4 | 09/25/2018 2:23 AM | 003 DG6M1/1 |
| Carbaryl | <1.0 | | 1 | ug/L | 50 | 09/25/2018 2:23 AM | 003 DG6M1/1 |
| Carbofuran | <0.90 | | 1 | ug/L | 40 | 09/25/2018 2:23 AM | 003 DG6M1/1 |
| Methomyl | <1.0 | | 1 | ug/L | 50 | 09/25/2018 2:23 AM | 003 DG6M1/1 |
| Oxamyl | <1.0 | | 1 | ug/L | 50 | 09/25/2018 2:23 AM | 003 DG6M1/1 |

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Hampton Bays Water District
P.O. Box 1013
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Attn To : Rob King

Lab No. : 7065382003
Client Sample ID.: S-58352

Federal ID : 5103704
 Collected : 09/19/2018 09:05 AM Point No: S-58352
 Received : 09/19/2018 02:43 PM Location: Well #3-3
 Collected By : CLIENT

Analytical Method:EPA 547

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|--------------------|-------------------|
| Glyphosate | <6.0 | | 1 | ug/L | 50 | 10/02/2018 7:02 PM | 003 DG6T1/1 |

Analytical Method:EPA 548.1

Prep Method: EPA 548.1

Prep Date: 09/20/2018 8:42 AM

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|--------------------|-------------------|
| Endothall | <9.0 | | 1 | ug/L | 50 | 09/21/2018 8:42 PM | 003 AG1U1/1 |

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Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946
Attn To : Rob King

Lab No. : 7065382004
Client Sample ID.: S-108065

Federal ID : 5103704
 Collected : 09/19/2018 09:30 AM Point No: S-108065
 Received : 09/19/2018 02:43 PM Location: Well #4-1
 Collected By : CLIENT

| Analytical Method: EPA 505 | | Prep Method: EPA 505 | | | Prep Date: 09/24/2018 10:22 | | |
|--------------------------------|---------|----------------------|------|-------|-----------------------------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| Alachlor | <0.20 | 1 | | ug/L | 2 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Aldrin | <0.025 | 1 | | ug/L | 5 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Chlordane (Technical) | <0.20 | 1 | | ug/L | 2 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Dieldrin | <0.050 | 1 | | ug/L | 5 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Endrin | <0.010 | 1 | | ug/L | 2 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Heptachlor | <0.025 | 1 | | ug/L | 0.4 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Heptachlor epoxide | <0.020 | 1 | | ug/L | 0.2 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Hexachlorobenzene | <0.10 | 1 | | ug/L | 1 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Hexachlorocyclopentadiene | <0.10 | 1 | | ug/L | 5 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Methoxychlor | <0.10 | 1 | | ug/L | 40 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| PCB Screen | <0.40 | 1 | | ug/L | | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Toxaphene | <1.0 | 1 | | ug/L | 3 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| gamma-BHC (Lindane) | <0.020 | 1 | | ug/L | 0.2 | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Surr: Decachlorobiphenyl (S) | 95% | 1 | | %REC | | 09/24/2018 9:07 PM | 004 DG9T1/2 |
| Surr: Tetrachloro-m-xylene (S) | 93% | 1 | | %REC | | 09/24/2018 9:07 PM | 004 DG9T1/2 |

| Analytical Method: EPA 515.3 | | Prep Method: EPA 515.3 | | | Prep Date: 09/24/2018 2:28 PM | | |
|------------------------------|---------|------------------------|------|-------|-------------------------------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 2,4,5-TP (Silvex) | <0.13 | 1 | | ug/L | 10 | 09/29/2018 2:25 AM | 004 AG3T1/1 |
| 2,4-D | <0.10 | 1 | | ug/L | 50 | 09/29/2018 2:25 AM | 004 AG3T1/1 |
| Dalapon | <0.70 | 1 | | ug/L | 50 | 09/29/2018 2:25 AM | 004 AG3T1/1 |
| Dicamba | <1.0 | 1 | | ug/L | 50 | 09/29/2018 2:25 AM | 004 AG3T1/1 |
| Dinoseb | <0.20 | 1 | | ug/L | 7 | 09/29/2018 2:25 AM | 004 AG3T1/1 |
| Pentachlorophenol | <0.040 | 1 | | ug/L | 1 | 09/29/2018 2:25 AM | 004 AG3T1/1 |
| Picloram | <0.10 | 1 | | ug/L | 50 | 09/29/2018 2:25 AM | 004 AG3T1/1 |
| Surr: 2,4-DCAA (S) | 91% | 1 | | %REC | | 09/29/2018 2:25 AM | 004 AG3T1/1 |

| Analytical Method: EPA 531.1 | | | | | | | |
|------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 3-Hydroxycarbofuran | <1.0 | 1 | | ug/L | 50 | 09/25/2018 3:11 AM | 004 DG6M1/1 |
| Aldicarb | <0.50 | 1 | | ug/L | 3 | 09/25/2018 3:11 AM | 004 DG6M1/1 |
| Aldicarb sulfone | <0.80 | 1 | | ug/L | 2 | 09/25/2018 3:11 AM | 004 DG6M1/1 |
| Aldicarb sulfoxide | <0.50 | 1 | | ug/L | 4 | 09/25/2018 3:11 AM | 004 DG6M1/1 |
| Carbaryl | <1.0 | 1 | | ug/L | 50 | 09/25/2018 3:11 AM | 004 DG6M1/1 |
| Carbofuran | <0.90 | 1 | | ug/L | 40 | 09/25/2018 3:11 AM | 004 DG6M1/1 |
| Methomyl | <1.0 | 1 | | ug/L | 50 | 09/25/2018 3:11 AM | 004 DG6M1/1 |
| Oxamyl | <1.0 | 1 | | ug/L | 50 | 09/25/2018 3:11 AM | 004 DG6M1/1 |

Qualifiers:
 DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Stu Murrell

Test results meet the requirements of NELAC unless otherwise noted.

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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: 10/05/2018



575 Broad Hollow Road, Melville, NY 11747
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Laboratory Results

Results 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 certified tests requested.

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946
Attn To : Rob King

Lab No. : 7065382004
Client Sample ID.: S-108065

Federal ID : 5103704
 Collected : 09/19/2018 09:30 AM Point No: S-108065
 Received : 09/19/2018 02:43 PM Location: Well #4-1
 Collected By : CLIENT

Analytical Method:EPA 547

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|--------------------|-------------------|
| Glyphosate | <6.0 | | 1 | ug/L | 50 | 10/02/2018 7:35 PM | 004 DG6T1/1 |

Analytical Method:EPA 548.1

Prep Method: EPA 548.1

Prep Date: 09/20/2018 8:42 AM

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|--------------------|-------------------|
| Endothall | <9.0 | | 1 | ug/L | 50 | 09/21/2018 9:05 PM | 004 AG1U1/1 |

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

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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: 10/05/2018



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 www.pacelabs.com

Laboratory Results

Results 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 certified tests requested.

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946
Attn To : Rob King

Lab No. : 7065382005
Client Sample ID.: S-108066

Federal ID : 5103704
 Collected : 09/19/2018 09:45 AM Point No: S-108066
 Received : 09/19/2018 02:43 PM Location: Well #4-2
 Collected By : CLIENT

| Analytical Method: EPA 505 | | Prep Method: EPA 505 | | | Prep Date: 09/24/2018 10:22 | | |
|--------------------------------|---------|----------------------|------|-------|-----------------------------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| Alachlor | <0.20 | 1 | | ug/L | 2 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Aldrin | <0.025 | 1 | | ug/L | 5 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Chlordane (Technical) | <0.20 | 1 | | ug/L | 2 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Dieldrin | <0.050 | 1 | | ug/L | 5 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Endrin | <0.010 | 1 | | ug/L | 2 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Heptachlor | <0.025 | 1 | | ug/L | 0.4 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Heptachlor epoxide | <0.020 | 1 | | ug/L | 0.2 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Hexachlorobenzene | <0.10 | 1 | | ug/L | 1 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Hexachlorocyclopentadiene | <0.10 | 1 | | ug/L | 5 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Methoxychlor | <0.10 | 1 | | ug/L | 40 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| PCB Screen | <0.40 | 1 | | ug/L | | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Toxaphene | <1.0 | 1 | | ug/L | 3 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| gamma-BHC (Lindane) | <0.020 | 1 | | ug/L | 0.2 | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Surr: Decachlorobiphenyl (S) | 101% | 1 | | %REC | | 09/24/2018 9:51 PM | 005 DG9T1/2 |
| Surr: Tetrachloro-m-xylene (S) | 106% | 1 | | %REC | | 09/24/2018 9:51 PM | 005 DG9T1/2 |

| Analytical Method: EPA 515.3 | | Prep Method: EPA 515.3 | | | Prep Date: 09/24/2018 2:28 PM | | |
|------------------------------|---------|------------------------|------|-------|-------------------------------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 2,4,5-TP (Silvex) | <0.13 | 1 | | ug/L | 10 | 09/29/2018 2:54 AM | 005 AG3T1/1 |
| 2,4-D | <0.10 | 1 | | ug/L | 50 | 09/29/2018 2:54 AM | 005 AG3T1/1 |
| Dalapon | <0.70 | 1 | | ug/L | 50 | 09/29/2018 2:54 AM | 005 AG3T1/1 |
| Dicamba | <1.0 | 1 | | ug/L | 50 | 09/29/2018 2:54 AM | 005 AG3T1/1 |
| Dinoseb | <0.20 | 1 | | ug/L | 7 | 09/29/2018 2:54 AM | 005 AG3T1/1 |
| Pentachlorophenol | <0.040 | 1 | | ug/L | 1 | 09/29/2018 2:54 AM | 005 AG3T1/1 |
| Picloram | <0.10 | 1 | | ug/L | 50 | 09/29/2018 2:54 AM | 005 AG3T1/1 |
| Surr: 2,4-DCAA (S) | 79% | 1 | | %REC | | 09/29/2018 2:54 AM | 005 AG3T1/1 |

| Analytical Method: EPA 531.1 | | | | | | | |
|------------------------------|---------|-----------|------|-------|-------|--------------------|-------------|
| Parameter(s) | Results | Qualifier | D.F. | Units | Limit | Analyzed: | Container: |
| 3-Hydroxycarbofuran | <1.0 | 1 | | ug/L | 50 | 09/25/2018 4:00 AM | 005 DG6M1/1 |
| Aldicarb | <0.50 | 1 | | ug/L | 3 | 09/25/2018 4:00 AM | 005 DG6M1/1 |
| Aldicarb sulfone | <0.80 | 1 | | ug/L | 2 | 09/25/2018 4:00 AM | 005 DG6M1/1 |
| Aldicarb sulfoxide | <0.50 | 1 | | ug/L | 4 | 09/25/2018 4:00 AM | 005 DG6M1/1 |
| Carbaryl | <1.0 | 1 | | ug/L | 50 | 09/25/2018 4:00 AM | 005 DG6M1/1 |
| Carbofuran | <0.90 | 1 | | ug/L | 40 | 09/25/2018 4:00 AM | 005 DG6M1/1 |
| Methomyl | <1.0 | 1 | | ug/L | 50 | 09/25/2018 4:00 AM | 005 DG6M1/1 |
| Oxamyl | <1.0 | 1 | | ug/L | 50 | 09/25/2018 4:00 AM | 005 DG6M1/1 |

Qualifiers:
 DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
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 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Stu Murrell

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Test results meet the requirements of NELAC unless otherwise noted.

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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: 10/05/2018



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Laboratory Results

Results 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 certified tests requested.

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946
Attn To : Rob King

Lab No. : 7065382005
Client Sample ID.: S-108066

Federal ID : 5103704
 Collected : 09/19/2018 09:45 AM Point No: S-108066
 Received : 09/19/2018 02:43 PM Location: Well #4-2
 Collected By : CLIENT

Analytical Method:EPA 547

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|--------------------|-------------------|
| Glyphosate | <6.0 | | 1 | ug/L | 50 | 10/02/2018 8:07 PM | 005 DG6T1/1 |

Analytical Method:EPA 548.1

Prep Method: EPA 548.1

Prep Date: 09/20/2018 8:42 AM

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Analyzed:</u> | <u>Container:</u> |
|---------------------|----------------|------------------|-------------|--------------|--------------|--------------------|-------------------|
| Endothall | <9.0 | | 1 | ug/L | 50 | 09/21/2018 9:28 PM | 005 AG1U1/1 |

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected

Stu Murrell

Test results meet the requirements of NELAC unless otherwise noted.

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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: 10/05/2018

WorkOrder :
 7065382

Laboratory Certifications

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747
 New York Certification #: 10478 Primary Accrediting Body
 New Jersey Certification #: NY158
 Pennsylvania Certification #: 68-00350
 Connecticut Certification #: PH-0435
 Maryland Certification #: 208
 Rhode Island Certification #: LAO00340
 Massachusetts Certification #: M-NY026
 New Hampshire Certification #: 2987

All parameters are reported to meet the NYS ELAP required detection limits (RDL) for drinking water analyses. For the analytes listed below, the reporting limit is below the laboratory verified limit of quantification (LOQ) but greater than the method detection limit (MDL); values are estimated.

| Method | Method | Unit | MDL* | RDL | LOQ |
|--------|----------------|------|-------|------|-----|
| 505 | Toxaphene | ug/L | 0.57 | 1 | 2.5 |
| 505 | Chlordane | ug/L | 0.096 | 0.2 | 0.5 |
| 525.2 | Simazine | ug/L | 0.031 | 0.07 | 0.1 |
| 525.2 | Benzo(a)pyrene | ug/L | 0.017 | 0.02 | 0.1 |
| 549.2 | Diquat | ug/L | 0.165 | 0.4 | 1 |

* Determined annually; subject to change but must always be below the RDL and LOQ.



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WorkOrder :
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Qualifiers

M1 - Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

September 27, 2018

Ms. Jennifer Aracri
Pace Analytical Services, Inc. -NY
2190 Technology Drive
Schenectady, NY 12308

Certificate of Analysis

| | | | |
|-----------------|--------------------------------------------------|---------------|----------------|
| Project Name: | 2018-DIQUAT BY 549 - PA/NJ/NJ/VA CERT | Workorder: | 2339686 |
| Purchase Order: | 7065382SWM | Workorder ID: | 7065382 |

Dear Ms. Aracri:

Enclosed are the analytical results for samples received by the laboratory on Friday, September 21, 2018.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Ms. Sarah S Leung (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Ms. Sarah S Leung
Project Coordinator

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Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

SAMPLE SUMMARY

Workorder: 2339686 7065382

| Lab ID | Sample ID | Matrix | Date Collected | Date Received | Collected By |
|------------|-----------|------------------|-----------------|-----------------|---------------------|
| 2339686001 | S-31636 | NY Potable Water | 9/19/2018 07:50 | 9/21/2018 09:05 | Collected by Client |
| 2339686002 | S-58350 | NY Potable Water | 9/19/2018 08:50 | 9/21/2018 09:05 | Collected by Client |
| 2339686003 | S-58352 | NY Potable Water | 9/19/2018 09:05 | 9/21/2018 09:05 | Collected by Client |
| 2339686004 | S-108065 | NY Potable Water | 9/19/2018 09:30 | 9/21/2018 09:05 | Collected by Client |
| 2339686005 | S-108066 | NY Potable Water | 9/18/2018 09:45 | 9/21/2018 09:05 | Collected by Client |

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Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

SAMPLE SUMMARY

Workorder: 2339686 7065382

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.

Standard Acronyms/Flags

| | |
|--------|--------------------------------------------------------------------------------------------------------------------------------------|
| J | Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte |
| U | Indicates that the analyte was Not Detected (ND) |
| N | Indicates presumptive evidence of the presence of a compound |
| MDL | Method Detection Limit |
| PQL | Practical Quantitation Limit |
| RDL | Reporting Detection Limit |
| ND | Not Detected - indicates that the analyte was Not Detected at the RDL |
| Cntr | Analysis was performed using this container |
| RegLmt | Regulatory Limit |
| LCS | Laboratory Control Sample |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| DUP | Sample Duplicate |
| %Rec | Percent Recovery |
| RPD | Relative Percent Difference |
| LOD | DoD Limit of Detection |
| LOQ | DoD Limit of Quantitation |
| DL | DoD Detection Limit |
| I | Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL) |
| (S) | Surrogate Compound |
| NC | Not Calculated |
| * | Result outside of QC limits |

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Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYTICAL RESULTS

Workorder: 2339686 7065382

Lab ID: **2339686001** Date Collected: 9/19/2018 07:50 Matrix: NY Potable Water
 Sample ID: **S-31636** Date Received: 9/21/2018 09:05

| Parameters | Results | Flag | Units | RDL | Method | Prepared | By | Analyzed | By | Cntr |
|-------------------|---------|------|-------|-----|-----------|---------------|----|---------------|-----|------|
| HERBICIDES | | | | | | | | | | |
| Diquat | ND | | ug/L | 2.0 | EPA 549.2 | 9/23/18 10:30 | AT | 9/24/18 12:11 | CGS | A |



Ms. Sarah S Leung
 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2339686 7065382

Lab ID: **2339686002** Date Collected: 9/19/2018 08:50 Matrix: NY Potable Water
 Sample ID: **S-58350** Date Received: 9/21/2018 09:05

| Parameters | Results | Flag | Units | RDL | Method | Prepared By | Analyzed By | Cntr |
|-------------------|---------|------|-------|-----|-----------|------------------|-------------------|------|
| HERBICIDES | | | | | | | | |
| Diquat | ND | | ug/L | 2.0 | EPA 549.2 | 9/23/18 10:30 AT | 9/24/18 12:28 CGS | A |



Ms. Sarah S Leung
 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2339686 7065382

Lab ID: **2339686003**
Sample ID: **S-58352**

Date Collected: 9/19/2018 09:05 Matrix: NY Potable Water
Date Received: 9/21/2018 09:05

| Parameters | Results | Flag | Units | RDL | Method | Prepared | By | Analyzed | By | Cntr |
|-------------------|---------|------|-------|-----|-----------|---------------|----|---------------|-----|------|
| HERBICIDES | | | | | | | | | | |
| Diquat | ND | | ug/L | 2.0 | EPA 549.2 | 9/23/18 10:30 | AT | 9/24/18 12:36 | CGS | A |

Ms. Sarah S Leung
Project Coordinator

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Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey



ANALYTICAL RESULTS

Workorder: 2339686 7065382

Lab ID: **2339686004**
Sample ID: **S-108065**

Date Collected: 9/19/2018 09:30 Matrix: NY Potable Water
Date Received: 9/21/2018 09:05

| Parameters | Results | Flag | Units | RDL | Method | Prepared | By | Analyzed | By | Cntr |
|-------------------|---------|------|-------|-----|-----------|---------------|----|---------------|-----|------|
| HERBICIDES | | | | | | | | | | |
| Diquat | ND | | ug/L | 2.0 | EPA 549.2 | 9/23/18 10:30 | AT | 9/24/18 12:44 | CGS | A |

Ms. Sarah S Leung
Project Coordinator

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYTICAL RESULTS

Workorder: 2339686 7065382

Lab ID: **2339686005** Date Collected: 9/18/2018 09:45 Matrix: NY Potable Water
 Sample ID: **S-108066** Date Received: 9/21/2018 09:05

| Parameters | Results | Flag | Units | RDL | Method | Prepared | By | Analyzed | By | Cntr |
|-------------------|---------|------|-------|-----|-----------|---------------|----|---------------|-----|------|
| HERBICIDES | | | | | | | | | | |
| Diquat | ND | | ug/L | 2.0 | EPA 549.2 | 9/23/18 10:30 | AT | 9/24/18 11:55 | CGS | A |



Ms. Sarah S Leung
 Project Coordinator

ALS Environmental Laboratory Locations Across North America

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 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 2339686 7065382

| Lab ID | Sample ID | Analysis Method | Prep Method |
|------------|-----------|-----------------|-------------|
| 2339686001 | S-31636 | EPA 549.2 | EPA 549.2 |
| 2339686002 | S-58350 | EPA 549.2 | EPA 549.2 |
| 2339686003 | S-58352 | EPA 549.2 | EPA 549.2 |
| 2339686004 | S-108065 | EPA 549.2 | EPA 549.2 |
| 2339686005 | S-108066 | EPA 549.2 | EPA 549.2 |

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife
United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York
Mexico: Monterrey

Chain of Custody

77291-80

 * 2 3 3 9 6 8 6 *



Results Requested By: 10/2/2018

Workorder Name: SOC 9/19

Workorder: 7065382

Report / Invoice To Subcontract To

Stu Murrell
 Pace Analytical Melville
 575 Broad Hollow Road
 Melville, NY 11747
 Phone (631)694-3040
 Email: stu.murrell@pacelabs.com

P.O. 7065382SWM

ALS
 PA

State of Sample Origin: NY

| Requested Analysis | | Y | N | Initials | Cooler Temp: °C |
|-----------------------|----------------|---|---|----------|-----------------|
| Sticky Seals Present? | | | | | 4 |
| Seals Intact? | | | | | |
| Sealed on Ice? | | | | | |
| C/L bis Complete | | | | | |
| in Good Cond? | | | | | |
| Correct Containers? | | | | | |
| Correct Samp Vol? | | | | | |
| Correct Preservation? | | | | | |
| Labels/Markings? | | | | | |
| Tracking # | 4621 5508 0125 | | | | |

| Item | Sample ID | Collect Date/Time | Lab ID | Matrix | Preserved Containers | | Date/Time |
|------|-----------|-------------------|------------|----------|----------------------|-------|-----------|
| | | | | | NAOH | Other | |
| 1 | S-31636 | 9/19/2018 07:50 | 7065382001 | Drinking | | | |
| 2 | S-58350 | 9/19/2018 08:50 | 7065382002 | Drinking | | | |
| 3 | S-58352 | 9/19/2018 09:05 | 7065382003 | Drinking | | | |
| 4 | S-108065 | 9/19/2018 09:30 | 7065382004 | Drinking | | | |
| 5 | S-108068 | 9/19/2018 09:45 | 7065382005 | Drinking | | | |

| Transfers | Released By | Date/Time | Received By | Date/Time | Received on Ice | Y or N | Samples Intact | Y or N |
|-----------|------------------------------|-----------|------------------------------|-----------|-----------------|--------|----------------|--------|
| 1 | <i>[Signature]</i> | 9/20/18 | COMMON COURIER / ALS COURIER | 9/21/18 | | | | |
| 2 | COMMON COURIER / ALS COURIER | | <i>[Signature]</i> | 9/21/18 | | | | |
| 3 | | | | | | | | |

Cooler Temperature on Receipt °C

Custody Seal Y or N

Received on Ice Y or N

Samples Intact Y or N



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8I2503

Pace Analytical - Melville

Project Name: 7065382

Stu Murrell
575 Broad Hollow Road
Melville, NY 11747

Project / PO Number: 7065382SWM
Received: 09/21/2018
Reported: 10/04/2018

Analytical Testing Parameters

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include S-31636, Drinking Water, D8I2503-01, Customer, 09/19/2018 7:50.

Table with 8 columns: Semi-Volatile Organic Compounds - GC/MS, Result, RL, Units, Note, Prepared, Analyzed, Analyst. Lists compounds like Atrazine, Benzo[a]pyrene, etc., with their respective results and limits.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include S-58350, Drinking Water, D8I2503-02, Customer, 09/19/2018 8:50.

Table with 8 columns: Semi-Volatile Organic Compounds - GC/MS, Result, RL, Units, Note, Prepared, Analyzed, Analyst. Lists compounds like Atrazine, Benzo[a]pyrene, etc., with their respective results and limits.



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8I2503

| | |
|--------------------------------------|-----------------------------------------|
| Client Sample ID: S-58352 | Collected By: Customer |
| Sample Matrix: Drinking Water | Collection Date: 09/19/2018 9:05 |
| Lab Sample ID: D8I2503-03 | |

| Semi-Volatile Organic Compounds - GC/MS | Result | RL | Units | Note | Prepared | Analyzed | Analyst |
|-----------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| Method: EPA 525.2, Rv 2.0 | | | | | | | |
| Atrazine | <0.096 | 0.096 | ug/L | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| Benzo[a]pyrene | <0.019 | 0.019 | ug/L | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| Butachlor | <0.096 | 0.096 | ug/L | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| bis(2-Ethylhexyl)adipate | <0.577 | 0.577 | ug/L | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| bis(2-Ethylhexyl)phthalate | <0.577 | 0.577 | ug/L | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| Metolachlor | <0.096 | 0.096 | ug/L | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| Metribuzin | <0.096 | 0.096 | ug/L | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| Propachlor (Ramrod) | <0.096 | 0.096 | ug/L | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| Simazine | <0.067 | 0.067 | ug/L | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| Surrogate: 1,3-Dimethyl-2-nitrobenzene | 101 | Limit: 70-130 | % Rec | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| Surrogate: Pyrene-d10 | 99.0 | Limit: 70-130 | % Rec | | 09/28/18 1000 | 09/29/18 0457 | CDT |
| Surrogate: Triphenyl phosphate | 113 | Limit: 70-130 | % Rec | | 09/28/18 1000 | 09/29/18 0457 | CDT |

| | |
|--------------------------------------|-----------------------------------------|
| Client Sample ID: S-108065 | Collected By: Customer |
| Sample Matrix: Drinking Water | Collection Date: 09/19/2018 9:30 |
| Lab Sample ID: D8I2503-04 | |

| Semi-Volatile Organic Compounds - GC/MS | Result | RL | Units | Note | Prepared | Analyzed | Analyst |
|-----------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| Method: EPA 525.2, Rv 2.0 | | | | | | | |
| Atrazine | <0.098 | 0.098 | ug/L | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| Benzo[a]pyrene | <0.020 | 0.020 | ug/L | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| Butachlor | <0.098 | 0.098 | ug/L | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| bis(2-Ethylhexyl)adipate | <0.588 | 0.588 | ug/L | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| bis(2-Ethylhexyl)phthalate | <0.588 | 0.588 | ug/L | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| Metolachlor | <0.098 | 0.098 | ug/L | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| Metribuzin | <0.098 | 0.098 | ug/L | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| Propachlor (Ramrod) | <0.098 | 0.098 | ug/L | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| Simazine | <0.069 | 0.069 | ug/L | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| Surrogate: 1,3-Dimethyl-2-nitrobenzene | 101 | Limit: 70-130 | % Rec | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| Surrogate: Pyrene-d10 | 102 | Limit: 70-130 | % Rec | | 09/28/18 1000 | 09/29/18 0525 | CDT |
| Surrogate: Triphenyl phosphate | 109 | Limit: 70-130 | % Rec | | 09/28/18 1000 | 09/29/18 0525 | CDT |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8I2503

| | |
|--------------------------------------|-----------------------------------------|
| Client Sample ID: S-108066 | Collected By: Customer |
| Sample Matrix: Drinking Water | Collection Date: 09/19/2018 9:45 |
| Lab Sample ID: D8I2503-05 | |

| Semi-Volatile Organic Compounds - GC/MS | Result | RL | Units | Note | Prepared | Analyzed | Analyst |
|-----------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| Method: EPA 525.2, Rv 2.0 | | | | | | | |
| Atrazine | <0.097 | 0.097 | ug/L | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| Benzo[a]pyrene | <0.019 | 0.019 | ug/L | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| Butachlor | <0.097 | 0.097 | ug/L | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| bis(2-Ethylhexyl)adipate | <0.583 | 0.583 | ug/L | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| bis(2-Ethylhexyl)phthalate | <0.583 | 0.583 | ug/L | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| Metolachlor | <0.097 | 0.097 | ug/L | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| Metribuzin | <0.097 | 0.097 | ug/L | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| Propachlor (Ramrod) | <0.097 | 0.097 | ug/L | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| Simazine | <0.068 | 0.068 | ug/L | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| Surrogate: 1,3-Dimethyl-2-nitrobenzene | 95.5 | Limit: 70-130 | % Rec | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| Surrogate: Pyrene-d10 | 102 | Limit: 70-130 | % Rec | | 10/02/18 1000 | 10/04/18 0218 | CDT |
| Surrogate: Triphenyl phosphate | 112 | Limit: 70-130 | % Rec | | 10/02/18 1000 | 10/04/18 0218 | CDT |

Definitions

MCL: US EPA Maximum Contaminant Level
RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
11549

New York State Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

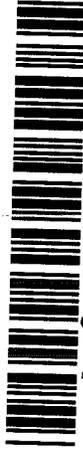
The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

Reviewed and Approved By:

Melisa L. Montgomery
QA Officer

Reported: 10/04/2018 17:36

Chain of Custody



D 8 I 2 5 0 3
Pace Analytical - Melville



gud

Workorder: 7065382 Workorder Name: SOC 9/19

Results requested By: 10/2/2018

Stu Murrell
Pace Analytical Melville
575 Broad Hollow Road
Melville, NY 11747
Phone (631)694-3040
Email: stu.murrell@pacelabs.com

P.O. 7065382SWM

Microbac
CT

State of Sample Origin: NY

| Report / Invoice To | | Subcontract To | | Requested Analysis | | | | | | | | | | |
|---------------------------------|--------------------|----------------------------|--------------------|--------------------|-------------------------------------|--------------|---------------------|--------------|--------|--------|----------------|--------|--|--|
| Stu Murrell | | P.O. 7065382SWM | | | | | | | | | | | | |
| Pace Analytical Melville | | Pace Analytical - Melville | | | | | | | | | | | | |
| 575 Broad Hollow Road | | P.O. 7065382SWM | | | | | | | | | | | | |
| Melville, NY 11747 | | P.O. 7065382SWM | | | | | | | | | | | | |
| Phone (631)694-3040 | | P.O. 7065382SWM | | | | | | | | | | | | |
| Email: stu.murrell@pacelabs.com | | P.O. 7065382SWM | | | | | | | | | | | | |
| Item | Sample ID | Collect Date/Time | Lab ID | Matrix | NAOH | Other | Subcontracted 525.2 | LAB USE ONLY | | | Comments | | | |
| 1 | S-31636 | 9/19/2018 07:50 | 7065382001 | Drinking | <input checked="" type="checkbox"/> | | X | | | | | | | |
| 2 | S-58350 | 9/19/2018 08:50 | 7065382002 | Drinking | <input checked="" type="checkbox"/> | | X | | | | | | | |
| 3 | S-58352 | 9/19/2018 09:05 | 7065382003 | Drinking | <input checked="" type="checkbox"/> | | X | | | | | | | |
| 4 | S-108065 | 9/19/2018 09:30 | 7065382004 | Drinking | <input checked="" type="checkbox"/> | | X | | | | | | | |
| 5 | S-108066 | 9/19/2018 09:45 | 7065382005 | Drinking | <input checked="" type="checkbox"/> | | X | | | | | | | |
| Transfers | Released By | Date/Time | Received By | Date/Time | Received on Ice | Custody Seal | Y or N | Y or N | Y or N | Y or N | Samples Intact | Y or N | | |
| 1 | <i>Stu Murrell</i> | 9/19/18 | <i>Stu Murrell</i> | 9/21/18 11:00 | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |

WO#: 7065382



47

Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

WELL RUN TO SYSTEM

YES NO VOC'S PRESERVED WITH HCl

Date: 9-19-18

Collected By: W Booth

Accepted By: JG 1443

Cooler Temp: 1.6 °C

Client Info:

Name or Code: HAMPTON BAYS WATER DISTRICT
Address: P.O. BOX 1013
HAMPTON BAYS, NEW YORK 11946
(631) 728-0179

Phone #: _____
Attn: _____
Proj. # or (Name): _____
Bill To: _____
Copies To: _____

| Sample Types | Purpose | Origin | Treatment Types |
|--------------------|---------------|----------------------|-----------------------------------|
| PW - Potable Water | RO - Routine | D - Distribution | AST - Air Stripper |
| GW - Groundwater | RE - Resample | RW - Raw Well | GAC - Granular Activated Charcoal |
| SW - Surface Water | S - Special | TW - Treated Well | N - Nitrate Removal Plant |
| WW - Waste Water | | T - Tank | FE - Iron Removal Plant |
| AQ - Aqueous | | MW - Monitoring Well | O - Other |
| S - Soil | | I - Influent | |
| | | E - Effluent | |

Sample Info:

| Date/Time Collected: | Sample Type | Location | Origin | Treatment Type | Purpose | Field Readings Cl ₂ pH/Temp | Analysis | Lab No. |
|----------------------|-------------|-----------------------|--------|----------------|---------|----------------------------------------|----------|---------|
| 9-19-18 7:50 | GW | WELL 1-3 | BRW | - | RO | 6.71/16.2°C | SOC'S | 001 |
| 9-19-18 8:50 | GW | WELL 3-1 | BRW | - | RO | 6.75/13.7°C | SOC'S | 002 |
| 9-19-18 9:00 | GW | WELL 3-3 | BRW | - | RO | 6.58/13.9°C | SOC'S | 003 |
| 9-19-18 9:30 | GW | WELL 4-1 | BRW | - | RO | 6.63/13.8°C | SOC'S | 004 |
| 9-19-18 9:45 | GW | WELL 4-2 | BRW | - | RO | 6.48/14.4°C | SOC'S | 005 |
| 9-19-18 10:15 | PW | Reim 16 Norwood Rd | D | - | S | | PFC'S | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Remarks:



Sample Condition Upon Receipt

Client Name: _____

Project _____

WO#: 7065382

PM: SWM Due Date: 10/03/18

CLIENT: HBW

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Temperature Blank Present: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Type of Ice: Wet Blue None

Thermometer Used: TH091

Correction Factor: 0.0

Samples on ice, cooling process has begun

Cooler Temperature (°C): 1.0

Cooler Temperature Corrected (°C): 1.0

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: 9/19 NL

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? YES NO

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

| | | COMMENTS: |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chain of Custody Present: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 1. |
| Chain of Custody Filled Out: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 2. |
| Chain of Custody Relinquished: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 3. |
| Sampler Name & Signature on COC: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 4. |
| Samples Arrived within Hold Time: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. |
| Short Hold Time Analysis (<72hr): | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. |
| Rush Turn Around Time Requested: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. |
| Sufficient Volume: (Triple volume provided for MS/MSD) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 8. |
| Correct Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 9. |
| -Pace Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| Containers Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 10. |
| Filtered volume received for Dissolved tests | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 11. Note if sediment is visible in the dissolved container. |
| Sample Labels match COC: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 12. |
| -Includes date/time/ID/Analysis Matrix SL WP OIL | | |
| All containers needing preservation have been checked | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl |
| pH paper Lot # <u>H2857644 406</u> | | Sample # |
| All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NAOH > 12 Cyanide) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____ |
| Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis | | |
| Samples checked for dechlorination: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 14. Positive for Res. Chlorine? Y N |
| KI starch test strips Lot # | | |
| Residual chlorine strips Lot # | | |
| Headspace in VOA Vials (>6mm): | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 15. |
| Trip Blank Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 16. |
| Trip Blank Custody Seals Present | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Pace Trip Blank Lot # (if applicable): _____ | | |

Client Notification/ Resolution: _____

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____