

ANALYTICAL REPORT

Job Number: 420-105981-1

SDG Number: Port Jervis CSD-High School

Job Description: Orange-Ulster BOCES

For:

Orange-Ulster BOCES

53 Gibson Road

Goshen, NY 10924

Attention: Jack DeGraw

Meredith Ruthven

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Customer Service Manager

mruthven@envirotestlaboratories.com

06/29/2016

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EnviroTest Laboratories, Inc. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOH PH-0554

Job Narrative
420-J105981-1

Comments

Results are compared to NYS DOH drinking water standards other federal regulations may apply.

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Metals

No analytical or quality issues were noted.

METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-105981-1
SDG Number: Port Jervis CSD-High School

| Description | Lab Location | Method | Preparation Method |
|---|---------------------|-------------------|---------------------------|
| Matrix: Water | | | |
| ICPMS Metals by 200.8 | EnvTest | EPA 200.8 Rev.5.4 | |
| 200 Series Drinking Water Prep Determination Step | EnvTest | | EPA 200 |

Lab References:

EnvTest = EnviroTest

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-105981-1
SDG Number: Port Jervis CSD-High School

| Method | Analyst | Analyst ID |
|-------------------|----------------|-------------------|
| EPA 200.8 Rev.5.4 | Sirico, Derek | DS |

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-105981-1
SDG Number: Port Jervis CSD-High School

| Lab Sample ID | Client Sample ID | Client Matrix | Date/Time Sampled | Date/Time Received |
|---------------|--|----------------|----------------------|-----------------------|
| 420-105981-1 | #1 - (Initial) 1st entry into bldg. located in boiler room | Drinking Water | 06/16/2016 0443 | 06/16/2016 1345 |
| 420-105981-2 | #2 - Flush (30 sec) 1st entry in bldg./boiler room | Drinking Water | 06/16/2016 0445 | 06/16/2016 1345 |
| 420-105981-3 | #3 - custodial breakroom sink | Drinking Water | 06/16/2016 0447 | 06/16/2016 1345 |
| 420-105981-4 | #4 - Kitchen sink by electric | Drinking Water | 06/16/2016 0450 | 06/16/2016 1345 |
| 420-105981-5 | #5 - Kitchen sink by register | Drinking Water | 06/16/2016 0451 | 06/16/2016 1345 |
| 420-105981-6 | #6 - Kitchen 3 bay sink left | Drinking Water | 06/16/2016 0452 | 06/16/2016 1345 |
| 420-105981-7 | #7 - Kitchen 3 bay sink center | Drinking Water | 06/16/2016 0453 | 06/16/2016 1345 |
| 420-105981-8 | #8 - Kitchen 3 bay sink right | Drinking Water | 06/16/2016 0454 | 06/16/2016 1345 |
| 420-105981-9 | #9 - Kitchen serving line 2 sink | Drinking Water | 06/16/2016 0455 | 06/16/2016 1345 |
| 420-105981-10 | #10 - Steam kettle faucet | Drinking Water | 06/16/2016 0456 | 06/16/2016 1345 |
| 420-105981-11 | #11 - Pot filler faucet | Drinking Water | 06/16/2016 0457 | 06/16/2016 1345 |
| 420-105981-12 | #12 - Fountain higher outside guidance | Drinking Water | 06/16/2016 0500 | 06/16/2016 1345 |
| 420-105981-13 | #13 - Fountain lower outside guidance | Drinking Water | 06/16/2016 0501 | 06/16/2016 1345 |
| 420-105981-14 | #14 - Nurse's Office Sink | Drinking Water | 06/16/2016 0502 | 06/16/2016 1345 |
| 420-105981-15 | #15 - Girl's locker room higher fountain | Drinking Water | 06/16/2016 0504 | 06/16/2016 1345 |
| 420-105981-16 | #16 - Girl's locker room lower fountain | Drinking Water | 06/16/2016 0505 | 06/16/2016 1345 |
| 420-105981-17 | #17 - Ice machine room - hose (athletics) | Drinking Water | 06/16/2016 0508 | 06/16/2016 1345 |
| 420-105981-18 | #18 - boy's locker room higher fountain | Drinking Water | 06/16/2016 0510 | 06/16/2016 1345 |
| 420-105981-19 | #19 - boy's locker room lower fountain | Drinking Water | 06/16/2016 0511 | 06/16/2016 1345 |
| 420-105981-20 | #20 - fountain by Home Ec. (hallway) | Drinking Water | 06/16/2016 0513 | 06/16/2016 1345 |
| 420-105981-21 | #21 - Home Ec. (green) sink | Drinking Water | 06/16/2016 0514 | 06/16/2016 1345 |
| 420-105981-22 | #22 - Home Ec. (red) sink | Drinking Water | 06/16/2016 0515 | 06/16/2016 1345 |
| 420-105981-23 | #23 - Home Ec. (yellow) sink | Drinking Water | 06/16/2016 0516 | 06/16/2016 1345 |
| 420-105981-24 | #24 - Fountain by room 117 | Drinking Water | 06/16/2016 0518 | 06/16/2016 1345 |
| 420-105981-25 | #25 - Fountain by bank room | Drinking Water | 06/16/2016 0520 | 06/16/2016 1345 |
| 420-105981-26 | #26 - Fountain by 213 | Drinking Water | 06/16/2016 0522 | 06/16/2016 1345 |
| 420-105981-27 | #27 - Fountain by library | Drinking Water | 06/16/2016 0524 | 06/16/2016 1345 |
| 420-105981-28 | #28 - 2nd Floor teacher's lounge | Drinking Water | 06/16/2016 0526 | 06/16/2016 1345 |

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Client Sample ID: #1 - (Initial) 1st entry into bldg.located in boiler
Lab Sample ID: 420-105981-1

Date Sampled: 06/16/2016 0443
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|--------------------------------|------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: 06/28/2016 1150 | | |
| Prep Method: 200 | | | Date Prepared: 06/23/2016 1400 | | |
| Pb | 243 g | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #2 - Flush (30 sec) 1st entry in bldg./boiler room
Lab Sample ID: 420-105981-2

Date Sampled: 06/16/2016 0445
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|--------------------------------|------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: 06/27/2016 2328 | | |
| Prep Method: 200 | | | Date Prepared: 06/23/2016 0935 | | |
| Pb | 67.8 g | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #3 - custodial breakroom sink
Lab Sample ID: 420-105981-3

Date Sampled: 06/16/2016 0447
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|--------------------------------|------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: 06/27/2016 2331 | | |
| Prep Method: 200 | | | Date Prepared: 06/23/2016 0935 | | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #4 - Kitchen sink by electric
Lab Sample ID: 420-105981-4

Date Sampled: 06/16/2016 0450
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|--------------------------------|------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: 06/27/2016 2342 | | |
| Prep Method: 200 | | | Date Prepared: 06/23/2016 0935 | | |
| Pb | 1.52 | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #5 - Kitchen sink by register
Lab Sample ID: 420-105981-5

Date Sampled: 06/16/2016 0451
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|--------------------------------|------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: 06/27/2016 2346 | | |
| Prep Method: 200 | | | Date Prepared: 06/23/2016 0935 | | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #6 - Kitchen 3 bay sink left
Lab Sample ID: 420-105981-6

Date Sampled: 06/16/2016 0452
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|--------------------------------|------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: 06/27/2016 2349 | | |
| Prep Method: 200 | | | Date Prepared: 06/23/2016 0935 | | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #7 - Kitchen 3 bay sink center
Lab Sample ID: 420-105981-7

Date Sampled: 06/16/2016 0453
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|--------------------------------|------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: 06/28/2016 1802 | | |
| Prep Method: 200 | | | Date Prepared: 06/23/2016 0935 | | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #8 - Kitchen 3 bay sink right
Lab Sample ID: 420-105981-8

Date Sampled: 06/16/2016 0454
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0003 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 5.14 | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #9 - Kitchen serving line 2 sink
Lab Sample ID: 420-105981-9

Date Sampled: 06/16/2016 0455
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0007 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #10 - Steam kettle faucet
Lab Sample ID: 420-105981-10

Date Sampled: 06/16/2016 0456
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|--------------------------------|------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: 06/28/2016 0010 | | |
| Prep Method: 200 | | | Date Prepared: 06/23/2016 0935 | | |
| Pb | 3.11 | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #11 - Pot filler faucet
Lab Sample ID: 420-105981-11

Date Sampled: 06/16/2016 0457
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0014 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.66 | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #12 - Fountain higher outside guidance
Lab Sample ID: 420-105981-12

Date Sampled: 06/16/2016 0500
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0025 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #13 - Fountain lower outside guidance
Lab Sample ID: 420-105981-13

Date Sampled: 06/16/2016 0501
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0028 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #14 - Nurse's Office Sink
Lab Sample ID: 420-105981-14

Date Sampled: 06/16/2016 0502
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0032 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 19.2 g | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #15 - Girl's locker room higher fountain
Lab Sample ID: 420-105981-15

Date Sampled: 06/16/2016 0504
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0035 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #16 - Girl's locker room lower fountain
Lab Sample ID: 420-105981-16

Date Sampled: 06/16/2016 0505
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0039 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #17 - Ice machine room - hose (athletics)
Lab Sample ID: 420-105981-17

Date Sampled: 06/16/2016 0508
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0042 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.26 | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #18 - boy's locker room higher fountain
Lab Sample ID: 420-105981-18

Date Sampled: 06/16/2016 0510
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0046 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
Sdg Number: Port Jervis CSD-High School

Client Sample ID: #19 - boy's locker room lower fountain
Lab Sample ID: 420-105981-19

Date Sampled: 06/16/2016 0511
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0049 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
Sdg Number: Port Jervis CSD-High School

Client Sample ID: #20 - fountain by Home Ec. (hallway)
Lab Sample ID: 420-105981-20

Date Sampled: 06/16/2016 0513
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0053 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 2.65 | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
Sdg Number: Port Jervis CSD-High School

Client Sample ID: #21 - Home Ec. (green) sink
Lab Sample ID: 420-105981-21

Date Sampled: 06/16/2016 0514
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0057 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 4.59 | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #22 - Home Ec. (red) sink
Lab Sample ID: 420-105981-22

Date Sampled: 06/16/2016 0515
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0107 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 4.12 | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #23 - Home Ec. (yellow) sink
Lab Sample ID: 420-105981-23

Date Sampled: 06/16/2016 0516
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0111 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 3.88 | ug/L | 1.00 | 1.00 | 1.0 |

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Client Sample ID: #24 - Fountain by room 117
Lab Sample ID: 420-105981-24

Date Sampled: 06/16/2016 0518
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0114 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
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Client Sample ID: #25 - Fountain by bank room
Lab Sample ID: 420-105981-25

Date Sampled: 06/16/2016 0520
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0118 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.98 | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
Sdg Number: Port Jervis CSD-High School

Client Sample ID: #26 - Fountain by 213
Lab Sample ID: 420-105981-26

Date Sampled: 06/16/2016 0522
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0121 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 1.00 U | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
Sdg Number: Port Jervis CSD-High School

Client Sample ID: #27 - Fountain by library
Lab Sample ID: 420-105981-27

Date Sampled: 06/16/2016 0524
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0125 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 2.51 | ug/L | 1.00 | 1.00 | 1.0 |

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Job Number: 420-105981-1
Sdg Number: Port Jervis CSD-High School

Client Sample ID: #28 - 2nd Floor teacher's lounge
Lab Sample ID: 420-105981-28

Date Sampled: 06/16/2016 0526
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|-----------------------|------------------|------|----------------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | | Date Analyzed: | 06/28/2016 0139 | |
| Prep Method: 200 | | | Date Prepared: | 06/23/2016 0935 | |
| Pb | 15.7 g | ug/L | 1.00 | 1.00 | 1.0 |

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

Job Number:
Sdg Number: Port Jervis CSD-High School

| Lab Section | Qualifier | Description |
|--------------------|------------------|--|
| Metals | g | Result fails applicable NYS drinking water standards |
| | U | The analyte was analyzed for but not detected at or above the lowest stated limit. |

Certification Information

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Port Jervis CSD-High School

The following analytes are Not Part of the ELAP scope of accreditation:

Sulfur, Tungsten, Silicon, Bicarbonate Alkalinity, 7 Day BOD 5210C, 28 Day BOD, Soluble BOD, Carbon Dioxide, carbonate Alkalinity, CBOD Soluble, Chlorine, Cyanide (WAD), Ferrous Iron, Ferric Iron, Total Nitrogen, Total Organic Nitrogen, Dissolved Oxygen, pH, Phenolphthalein Alkalinity, Solids (Fixed), Solids (Percent), Solids (Percent Moisture), Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), Total Inorganic Carbon, Volatile Acids as Acetic Acid, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, Fluorobenzene, 1-Chlorohexane, Iron Bacteria, Salmonella, & Sulfur Reducing Bacteria.

The following analytes are Not Part of ELAP Potable Water scope of accreditation:

Cobalt (200.7, 200.8), Tin (200.7), Strontium (200.7), Gold (200.7), Platinum (200.7), Palladium (200.7), Titanium (200.7), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), m-Xylene & p-Xylene (502.2, 524), Naphthalene (502.2), o-Xylene (502.2, 524), & Fecal Coliform (9222D).

The following analytes are Not Part of ELAP Solid and Hazardous Waste scope of accreditation:

Ammonia (SM 4500NH3G), Nitrate-Nitrite (353.2, 10-107-4-1C), TKN (351.2), Phosphorus (365.3), Total Cresols (8270), 1,2-Dichloro-1,1,2-trifluoroethane (8260), & Chlorodifluoromethane (8260).

The following analytes are Not Part of ELAP Non Potable Water scope of accreditation:

Dissolved Organic Carbon (5310C), Mecoprop (8151A), & MCPA (8151A).

The following analytes are Part of ELAP scope of accreditation but not for the noted methods

Nitrate (Solid & Hazardous Waste Matrix, 300), Nitrite (Solid & Hazardous Waste, 300, 4500NO2), Sulfate (Solid & Hazardous, 300.0), alpha-Chlordane (608), Endrin Ketone (608), gamma-Chlordane (608), PCB-1262 (608), PCB-1268 (608), 1,2-Diphenylhydrazine (625), 2-MethylNaphthalene (625), 3-Methylphenol (625), 4-Nitroaniline (625), 1,1,1,2-Tetrachloroethane (624,601), 1,1,2-Trichloro-1,2,2-trifluoroethane (601,624), 1,2,3-Trichlorobenzene (624, 601), 1,2,3-Trichloropropane (624), 1,2,4-Trichlorobenzene (601,624), 1,2,4-trimethylbenzene (624), 1,2-Dichloro-3-Chloropropane (601, 624), 1,2-Dichloro-1,1,2-trifluoroethane (601, 624), 1,3,5-Trimethylbenzene (624), 1,3-Dichloropropane (624), 2,2-dichloropropane (601,624), 2-chlorotoluene (601,624), 2-hexanone (624), 4-Chlorotoluene (601,624), 4-Isopropyltoluene (624), Acetonitrile (624), Benzyl Chloride (624, 8021), Bromobenzene (601,624), Carbon disulfide (624), Bromochloromethane (624), Dibromomethane (624), 1,2-Dibromoethane (624), Hexachlorobutadiene (624), Isopropylbenzene (624), 2-Butanone (Methyl Ethyl Ketone) (624), 4-methyl-2-pentanone (624), MTBE (602), m-Xylene & p-Xylene (8021), Naphthalene (602,624), n-Butylbenzene (624), n-Propylbenzene (624), sec-Butylbenzene (624), tert-Butylbenzene (624), trans-1,4-Dichloro-2-butene (624), & Tetrahydrofuran (8260, 624).

The following analytes are Part of ELAP Scope of accreditation but not part of our certification:

Silica (6010), Free Cyanide (4500CN E), Amenable Cyanide (4500DCNG), & Vinyl Acetate (624).

The following Analytes are Part of ELAP Scope of accreditation but not part of our certification for a Non Potable Water Matrix:

Aluminium (200.8), Turbidity (180.1), Methanol (8015D), Dalapon (8151A), 1,2-Dichlorobenzene (601), Acetone (624), MTBE (624), m-Xylene & p-Xylene (602).

The following Analytes are Part of ELAP Scope of accreditation but not part of our certification for a Potable Water Matrix:

Bromide (300), Ethylene Glycol (8015D), Propylene Glycol (8015D).

The following Analyte(s) Part of ELAP Scope of accreditation but not part of our certification for a Solid and Hazardous Waste Matrix:

1,2-Diphenylhydrazine (8270).

The following Analytes are Part of ELAP Scope of accreditation but not part of our certification for an Air Matrix

1,2-Dichlorobenzene, Carbon tetrachloride, Chlorobenzene, Chloroform, Ethylbenzene, Methylene Chloride, Tetrachloroethene, Toluene, & Trichloroethene.

Definitions and Glossary

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Port Jervis CSD-High School

| <u>Abbreviation</u> | <u>These commonly used abbreviations may or may not be present in this report.</u> |
|---------------------|--|
| %R | Percent Recovery |
| DL, RA, RE | Indicates a Dilution, Reanalysis or Reextraction. |
| EPA | United States Environmental Protection Agency |
| MDL | Method Detection Limit - an estimate of the minimum amount of a substance that an analytical process can reliably detect. A MDL is analyte- and matrix-specific and may be laboratory-dependent. |
| ND | Not detected at the reporting limit (or MDL if shown). |
| QC | Quality Control |
| RL | Reporting Limit - the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. |
| RPD | Relative Percent Difference - a measure of the relative difference between two points |



CHAIN OF CUSTODY

REPORT# (Lab Use Only)

105981

Lab Name: EnviroTest Laboratories
 Address & Phone: 315 Fullerton Avenue, Newburgh, New York 12550 845-562-0890

| | | | | | |
|--|---|------------------------------------|---------------|--|-------------------------|
| PROJECT REFERENCE Port Jarvis CSD - High School | PROJECT NO | PROJECT LOCATION | MATRIX TYPE | REQUIRED ANALYSES | PAGE 1 of 1 |
| ENVIROTEST PROJECT MANAGER Debra Bayer | PO NUMBER | TOWN | OTHER SPECIFY | Other | TURNAROUND TIME |
| CLIENT (SITE) / PM Jack DeGraw | CLIENT PHONE 845-781-4887 | CLIENT FAX | OTHER SPECIFY | Other | NORMAL |
| CLIENT NAME Orange-Ulster BOCES | christy.fischer@oubooces.org | | OTHER SPECIFY | Other | QUICK |
| CLIENT ADDRESS 53 Gibson Road, Goshen, NY 10924 | | | OTHER SPECIFY | Other | VERBAL |
| COMPANY CONTACTING THIS WORK (if applicable) | | | OTHER SPECIFY | Other | |
| SAMPLE DATE | SAMPLE IDENTIFICATION | COMPOSITE (C) OR GRAB (G) INDICATE | OTHER SPECIFY | Other | |
| 6/16/2016 0443 | #1 - (Initial) 1st entry into bldg located in boiler room | G | | Other | |
| 6/16/2016 0445 | #2 - Flush (30 sec) 1st entry into bldg./boiler room | G | | Other | |
| 6/16/2016 0447 | #3 - custodial breakroom sink | G | | Other | |
| 6/16/2016 0450 | #4 - Kitchen sink by electric | G | | Other | |
| 6/16/2016 0451 | #5 - Kitchen sink by register | G | | Other | |
| 6/16/2016 0452 | #6 - Kitchen 3 bay sink left | G | | Other | |
| 6/16/2016 0453 | #7 - Kitchen 3 bay sink center | G | | Other | |
| 6/16/2016 0454 | #8 - Kitchen 3 bay sink right | G | | Other | |
| 6/16/2016 0455 | #9 - Kitchen serving line 2 sink | G | | Other | |
| 6/16/2016 0456 | #10 - Steam kettle faucet | G | | Other | |
| 6/16/2016 0457 | #11 - Pot filler faucet | G | | Other | |
| 6/16/2016 0500 | #12 - Fountain higher outside guidance | G | | Other | |
| 6/16/2016 0501 | #13 - Fountain lower outside guidance | G | | Other | |
| RELINQUISHED BY: (SIGNATURE) Nancy B Debery | COMPANY Orange-Ulster BOCES | DATE 6/16/16 | TIME 0830 | RECEIVED BY: (SIGNATURE) M. Fischer | COMPANY DATE 6/16/16 |
| SAMPLED BY: (SIGNATURE) Nancy B Debery | COMPANY Orange-Ulster BOCES | DATE 6/16/16 | TIME 0800 | RECEIVED BY: (SIGNATURE) QE | COMPANY DATE 6/16/16 |
| RELINQUISHED BY: (SIGNATURE) M. Fischer | COMPANY oubooces | DATE 6/16/16 | TIME 13:45 | RECEIVED BY: (SIGNATURE) | COMPANY DATE |

RECEIVED FOR LABORATORY BY: (SIGNATURE) *Q Elmendorf*

DATE: 6/16/16 TIME: 1345

CUSTODY INTACT: YES

COOLER TEMP(C): 22.4°C

LABORATORY REMARKS: ICE (Y/N) CL2

Reviewed by: _____

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-105981-1
SDG Number: Port Jervis CSD-High School

Login Number: 105981

| Question | T/F/NA | Comment |
|--|--------|---------|
| Samples were collected by ETL employee as per SOP-SAM-1 | NA | |
| The cooler's custody seal, if present, is intact. | NA | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | False | |
| Cooler Temperature is recorded. | True | 22.4 C |
| Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C | False | |
| If false, was sample received on ice within 6 hours of collection. | True | |
| Based on above criteria cooler temperature is acceptable. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | NA | |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |