



## CERTIFICATE OF ANALYSIS

Customer : Garden State Environmental  
555 South Broad Street, Suite K  
Glen Rock, NJ

Project ID : North Brunswick BOE - #6526 Linwood  
PAS Project ID : P17-0897

Matrix : Drinking Water  
Report Date : 3/9/2017

| PAS Sample ID | Client ID | Analysis | Results | Units | DF | PQL  | MDL   | MCL    | Method    | Date Sampled  | Date Analyzed |
|---------------|-----------|----------|---------|-------|----|------|-------|--------|-----------|---------------|---------------|
| P17-0897-01   | WC #35A   | Lead     | 0.805 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 00:57 | 3/1/17 11:34  |
| P17-0897-02   | S #36A    | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 00:58 | 3/1/17 11:43  |
| P17-0897-03   | S #40A    | Lead     | 0.805 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:00 | 3/1/17 11:55  |
| P17-0897-04   | IC #1A    | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:04 | 3/1/17 12:08  |
| P17-0897-05   | WC #29A   | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:07 | 3/1/17 12:12  |
| P17-0897-06   | S #27A    | Lead     | 0.805 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:08 | 3/1/17 12:16  |
| P17-0897-07   | S #2A     | Lead     | 0.805 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:13 | 3/1/17 12:16  |
| P17-0897-08   | S #6A     | Lead     | 0.805 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:15 | 3/1/17 12:20  |
| P17-0897-09   | S #8A     | Lead     | 1.84 J  | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:18 | 3/1/17 12:25  |
| P17-0897-10   | S #7A     | Lead     | 2.05    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:19 | 3/1/17 12:37  |
| P17-0897-11   | S #4A     | Lead     | 0.597 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:20 | 3/1/17 12:42  |
| P17-0897-12   | S #14A    | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:23 | 3/1/17 12:46  |
| P17-0897-13   | WC #15A   | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:27 | 3/1/17 12:59  |
| P17-0897-14   | WC #16A   | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:28 | 3/1/17 13:03  |
| P17-0897-15   | S #44A    | Lead     | 2.88    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:30 | 3/1/17 13:08  |
| P17-0897-16   | S #42A    | Lead     | 1.01 J  | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:34 | 3/1/17 13:12  |
| P17-0897-17   | S #49A    | Lead     | 9.12    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:36 | 3/1/17 13:16  |
| P17-0897-18   | S #50A    | Lead     | 31.0    | ug/L  | 5  | 10.0 | 2.31  | 15.0 * | SM 3113 B | 2/13/17 01:38 | 3/1/17 15:55  |
| P17-0897-19   | S #52A    | Lead     | 2.68    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:41 | 3/1/17 13:25  |
| P17-0897-20   | S #51A    | Lead     | 3.92    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:43 | 3/1/17 13:30  |
| P17-0897-21   | B #124A   | Lead     | 2.47    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:46 | 3/1/17 13:34  |
| P17-0897-22   | WC #126A  | Lead     | 0.597 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:49 | 3/1/17 13:51  |
| P17-0897-23   | WC #125A  | Lead     | 0.597 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:49 | 3/1/17 14:04  |
| P17-0897-24   | WC #110A  | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:50 | 3/1/17 14:08  |
| P17-0897-25   | S #109A   | Lead     | 0.805 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:52 | 3/1/17 14:12  |
| P17-0897-26   | B #221A   | Lead     | 3.30    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:54 | 3/1/17 14:16  |
| P17-0897-27   | S #142A   | Lead     | 1.22 J  | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:57 | 3/1/17 14:29  |
| P17-0897-28   | S #143A   | Lead     | 2.05    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:58 | 3/1/17 14:33  |
| P17-0897-29   | S #146A   | Lead     | 46.6    | ug/L  | 5  | 10.0 | 2.31  | 15.0 * | SM 3113 B | 2/13/17 02:01 | 3/1/17 16:01  |
| P17-0897-30   | S #144A   | Lead     | 0.597 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:04 | 3/1/17 14:42  |
| P17-0897-31   | S #154A   | Lead     | 0.805 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:07 | 3/1/17 14:46  |
| P17-0897-32   | S #155A   | Lead     | 2.47    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:07 | 3/1/17 14:50  |
| P17-0897-33   | S #204A   | Lead     | 0.597 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:10 | 3/1/17 14:55  |
| P17-0897-34   | S #205A   | Lead     | 0.597 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:12 | 3/1/17 14:59  |
| P17-0897-35   | WC #192A  | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:15 | 3/1/17 15:03  |
| P17-0897-36   | WC #196A  | Lead     | 1.01 J  | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:16 | 3/1/17 15:30  |
| P17-0897-37   | S #191A   | Lead     | 5.38    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:19 | 3/1/17 15:35  |
| P17-0897-38   | S #189A   | Lead     | 2.47    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:20 | 3/1/17 15:39  |
| P17-0897-39   | S #75A    | Lead     | 1.22 J  | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:25 | 3/1/17 15:44  |
| P17-0897-40   | B #72A    | Lead     | 1.22 J  | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:27 | 3/1/17 15:50  |
| P17-0897-41   | S #73A    | Lead     | 0.568 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:29 | 3/2/17 11:04  |
| P17-0897-42   | WC #64A   | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:31 | 3/2/17 11:12  |
| P17-0897-43   | WC #65A   | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:32 | 3/2/17 11:25  |
| P17-0897-44   | S #60A    | Lead     | 3.78    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:35 | 3/2/17 11:37  |
| P17-0897-45   | B #59A    | Lead     | 0.815 J | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:35 | 3/2/17 11:41  |
| P17-0897-46   | S #61A    | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:37 | 3/2/17 11:46  |
| P17-0897-47   | S #57A    | Lead     | 2.30    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:40 | 3/2/17 11:50  |

Except for the parameters tested, PAS makes no representation as to the fitness or quality of the water sample taken.

PQL = Practical Quantitation Limit  
MDL = Minimum Detection Limit  
MCL = Maximum Contaminant Level  
DF = Dilution Factor  
ND = Analyzed for but not detected  
B = Compound found in blank and samples  
E = Concentration exceeds calibration range  
J = Estimated result  
\* Federal Action Level

All samples are analyzed in accordance with  
New Jersey Department of Environmental  
Protection Protocol

Mark D. Feitelson, Lab. Director



### CERTIFICATE OF ANALYSIS

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555 South Broad Street, Suite K  
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**Project ID :** North Brunswick BOE - #6526 Linwood  
**PAS Project ID :** P17-0897

**Matrix :** Drinking Water  
**Report Date :** 3/9/2017

| PAS Sample ID | Client ID      | Analysis | Results | Units | DF | PQL  | MDL   | MCL    | Method    | Date Sampled  | Date Analyzed |
|---------------|----------------|----------|---------|-------|----|------|-------|--------|-----------|---------------|---------------|
| P17-0897-48   | B #56A         | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:41 | 3/2/17 11:54  |
| P17-0897-49   | WC #53A        | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:44 | 3/2/17 11:58  |
| P17-0897-50   | B #54A         | Lead     | 8.96    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:48 | 3/2/17 12:03  |
| P17-0897-51   | WC #165A       | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:52 | 3/2/17 12:07  |
| P17-0897-52   | S #166A        | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:54 | 3/2/17 12:11  |
| P17-0897-53   | S #217A        | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 02:57 | 3/2/17 12:24  |
| P17-0897-54   | S #216A        | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:00 | 3/2/17 12:28  |
| P17-0897-55   | WC #214A       | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:03 | 3/2/17 12:33  |
| P17-0897-56   | WC #215A       | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:05 | 3/2/17 12:34  |
| P17-0897-57   | WC #169A       | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:07 | 3/2/17 12:37  |
| P17-0897-58   | WC #170A       | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:09 | 3/2/17 12:42  |
| P17-0897-59   | B #106A        | Lead     | 2.05    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:10 | 3/2/17 12:46  |
| P17-0897-60   | WC #103A       | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:11 | 3/2/17 12:50  |
| P17-0897-61   | WC #104A       | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:12 | 3/2/17 12:55  |
| P17-0897-62   | S #97A         | Lead     | 1.56    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:13 | 3/2/17 13:16  |
| P17-0897-63   | S #98A         | Lead     | 2.54    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:15 | 3/2/17 13:29  |
| P17-0897-64   | S #99A         | Lead     | 11.2    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:18 | 3/2/17 13:33  |
| P17-0897-65   | S #83A         | Lead     | 5.75    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:20 | 3/2/17 13:37  |
| P17-0897-66   | S #82A         | Lead     | 15.6    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:21 | 3/2/17 13:41  |
| P17-0897-67   | S #81A         | Lead     | 2.30    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 03:23 | 3/2/17 13:45  |
| P17-0897-68   | NBLMS-2-13-FBA | Lead     | ND      | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 00:55 | 3/2/17 14:04  |
| P17-0897-69   | S #43A         | Lead     | 4.77    | ug/L  | 1  | 2.00 | 0.462 | 15.0 * | SM 3113 B | 2/13/17 01:32 | 3/2/17 14:09  |

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- DF = Dilution Factor
- ND = Analyzed for but not detected
- B = Compound found in blank and samples
- E = Concentration exceeds calibration range
- J = Estimated result
- \* Federal Action Level

All samples are analyzed in accordance with New Jersey Department of Environmental Protection Protocol

Mark D. Feitelson, Lab. Director