BUCKINGHAM



Pace Analytical Services, LLC 575 Broad Hollow Road Melville, NY 11747 (631)694-3040

August 28, 2019

Randy Copenhaver Langan Engineering 2700 Kelly Road, Suite 200 Warrington, PA 18976

RE: Project: CENTRAL BUCKS S.D.(BUCKINGHAM) Pace Project No.: 70101863

Dear Randy Copenhaver:

Enclosed are the analytical results for sample(s) received by the laboratory on August 17, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joh Sh

John D. Stanton john.stanton@pacelabs.com (631)694-3040 Project Manager

Enclosures

cc: Bill Lambing, Langan Engineering





CERTIFICATIONS

Project: CENTRAL BUCKS S.D.(BUCKINGHAM)

Pace Project No.: 70101863

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



Project: CENTRAL BUCKS S.D.(BUCKINGHAM)

| Sample: B3RB | Lab ID: | 70101863001 | Collected: 08/16/ | 19 08:17 | Received: | 08/17/19 10:30 | Matrix: Drinkin | g Water | |
|--------------------------------|------------------------------|----------------|-------------------|----------|-----------|----------------|-----------------|---------|--|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| Lead | 14 | 3 ug/L | 1.0 | 1 | | 08/22/19 12:4 | 1 7439-92-1 | M1 | |
| Sample: B4AR | Lab ID: | 70101863004 | Collected: 08/16/ | 19 08:21 | Received: | 08/17/19 10:30 | Matrix: Drinkin | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| Lead | 10. | 3 ug/L | 1.0 | 1 | | 08/22/19 12:4 | 5 7439-92-1 | | |
| Sample: B5R | Lab ID: | 70101863007 | Collected: 08/16/ | 19 08:27 | Received: | 08/17/19 10:30 | Matrix: Drinkin | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| Lead | 60. | 9 ug/L | 1.0 | 1 | | 08/22/19 12:4 | 6 7439-92-1 | | |
| Sample: B8BR | Lab ID: | 70101863009 | Collected: 08/16/ | 19 08:30 | Received: | 08/17/19 10:30 | Matrix: Drinkin | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| Lead | 9. | 1 ug/L | 1.0 | 1 | | 08/22/19 12:4 | 7 7439-92-1 | | |
| Sample: B23AR | Lab ID: | 70101863011 | Collected: 08/16/ | 19 08:32 | Received: | 08/17/19 10:30 | Matrix: Drinkin | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical Method: EPA 200.8 | | | | | | | | |
| Lead | 35. | 5 ug/L | 1.0 | 1 | | 08/22/19 12:4 | 8 7439-92-1 | | |
| Sample: B51R | Lab ID: | 70101863013 | Collected: 08/16/ | 19 08:36 | Received: | 08/17/19 10:30 | Matrix: Drinkin | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| | | | | | | | | | |



Project: CENTRAL BUCKS S.D.(BUCKINGHAM)

| Sample: B52R | Lab ID: | 70101863015 | Collected: 08/16/ | 19 08:34 | Received: | 08/17/19 10:30 | Matrix: Drinking | g Water | |
|--------------------------------|------------------------------|----------------|--------------------|----------|-----------|----------------|------------------|---------|--|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| Lead | 22. | 3 ug/L | 1.0 | 1 | | 08/22/19 12:5 | 51 7439-92-1 | | |
| Sample: B53R | Lab ID: | 70101863017 | Collected: 08/16/ | 19 08:40 | Received: | 08/17/19 10:30 | Matrix: Drinkin | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| Lead | 36. | 7 ug/L | 1.0 | 1 | | 08/22/19 12:5 | 52 7439-92-1 | | |
| Sample: B54R | Lab ID: | 70101863019 | Collected: 08/16/* | 19 08:38 | Received: | 08/17/19 10:30 | Matrix: Drinkin | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| Lead | 30. | 1 ug/L | 1.0 | 1 | | 08/22/19 12:5 | 53 7439-92-1 | M1 | |
| Sample: B55R | Lab ID: | 70101863021 | Collected: 08/16/ | 19 08:42 | Received: | 08/17/19 10:30 | Matrix: Drinking | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| Lead | 35. | 7 ug/L | 1.0 | 1 | | 08/22/19 12:5 | 56 7439-92-1 | | |
| Sample: B57R | Lab ID: | 70101863023 | Collected: 08/16/ | 19 08:43 | Received: | 08/17/19 10:30 | Matrix: Drinkin | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical Method: EPA 200.8 | | | | | | | | |
| Lead | 4. | 4 ug/L | 1.0 | 1 | | 08/22/19 12:5 | 57 7439-92-1 | | |
| Sample: B2AR | Lab ID: | 70101863024 | Collected: 08/16/ | 19 08:45 | Received: | 08/17/19 10:30 | Matrix: Drinking | g Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| 200.8 MET ICPMS Drinking Water | Analytical | Method: EPA 20 | 00.8 | | | | | | |
| | 4. | 9 ug/L | 1.0 | 1 | | | 58 7439-92-1 | | |



Project: CENTRAL BUCKS S.D.(BUCKINGHAM)

Pace Project No.: 70101863

| Sample: B2BR | Lab ID: 70 | 101863026 | Collected: 08/16/1 | 9 08:48 | Received: 08 | 8/17/19 10:30 | Matrix: Drinking | Water |
|--------------------------------|---------------|-----------------|--------------------|---------|--------------|---------------|------------------|-------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 200.8 MET ICPMS Drinking Water | Analytical Me | ethod: EPA 200. | 8 | | | | | |
| Lead | 15.3 | ug/L | 1.0 | 1 | | 08/22/19 12:5 | 59 7439-92-1 | |

BUCKINGHAM



Pace Analytical Services, LLC 575 Broad Hollow Road Melville, NY 11747 (631)694-3040

August 28, 2019

Randy Copenhaver Langan Engineering 2700 Kelly Road, Suite 200 Warrington, PA 18976

RE: Project: Central Bucks (Buckingham) Pace Project No.: 70102148

Dear Randy Copenhaver:

Enclosed are the analytical results for sample(s) received by the laboratory on August 21, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joh Shu

John D. Stanton john.stanton@pacelabs.com (631)694-3040 Project Manager

Enclosures

cc: Bill Lambing, Langan Engineering





CERTIFICATIONS

Project: Central Bucks (Buckingham) Pace Project No.: 70102148

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



Project: Central Bucks (Buckingham)

| Pace Project No.: 70102148 | | | | | | | | |
|--------------------------------|---------------------|--------------|---------------------------|----------|--------------------------|---------------|------------------------|-------|
| Sample: BOWF | Lab ID: 70102148001 | | Collected: 08/20/19 07:59 | | Received: 08/21/19 10:20 | | Matrix: Drinking Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 200.8 MET ICPMS Drinking Water | Analytical Meth | nod: EPA 200 | 0.8 | | | | | |
| Lead | 42.1 | ug/L | 1.0 | 1 | | 08/22/19 16:5 | 7439-92-1 | |
| Sample: B58R | Lab ID: 701 | 02148003 | Collected: 08/20/* | 19 08:00 | Received: 08 | 8/21/19 10:20 | Matrix: Drinking | Water |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 200.8 MET ICPMS Drinking Water | Analytical Meth | nod: EPA 200 | 0.8 | | | | | |
| Lead | 16.1 | ug/L | 1.0 | 1 | | 08/22/19 16:5 | 3 7439-92-1 | |
| | | | | | | | | |