

Suffolk Cement, Pool 1

Sample # 20 (R03)

Taken: 10/3/2016

Lat: 40° 57' 0.22" N

Lon: 72° 14' 38.71" W

Hexavalent Chromium: 590 µg/L

Suffolk Cement, Pool 3

Sample # 21 (R04)

Taken: 10/3/2016

Lat: 40° 56' 59.65" N

Lon: 72° 14' 36.58" W

Hexavalent Chromium: 78 µg/L



Suffolk Cement, Pool 2

Sample # 19 (R02)

Taken: 10/3/2016

Lat: 40° 56' 59.73" N

Lon: 72° 14' 38.87" W

Hexavalent Chromium: 540 µg/L

| REGULATORY AND WATER QUALITY LEVELS ¹ HEXAVALENT | | |
|---|-------------------------|-----------------|
| Type | Agency | Concentration |
| Federal MCL ² | US EPA ³ | Not established |
| State MCL | SWRCB- DDW ⁴ | 10 µg/L |
| Detection Limit for Purposes of Reporting (DLR) | SWRCB- DDW | 1 µg/L |
| Public Health Goal (PHG) | OEHHA ⁵ | 0.02 µg/L |
| Others: | | |
| IRIS ⁶ (non-cancer health effect) Cal/EPA Cancer | US EPA | 21 µg/L |
| Potency Factor as a drinking water level | Cal/EPA | 0.07 µg/L |

¹ These levels generally relate to drinking water. Other water quality levels may exist. For further information see *A Compilation of Water Quality Goals* , 17th Edition (Marshack, 2016).

² MCL - Maximum Contaminant Level

³ US EPA - United States Environmental Protection Agency

⁴ SWRCB-DDW–State Water Resources Control Board-Division of Drinking Water, formerly the California Department of Public Health (transferred in 2014).

⁵ OEHHA = Office of Environmental Health and Human Hazard Assessment

⁶IRIS = Integrated Risk Information System

| Hexavalent Chromium Test Results - Oct 3, 2016 | | | |
|--|--------------|--|---------------------------------------|
| Suffolk Cement Products, Inc. | Level (µg/L) | CA State Water Resources Control Board (MCL) | Multiple of CA State Regulatory Level |
| Pool #1 | 540 µg/L | 10 µg/L | 54 x |
| Pool #2 | 590 µg/L | 10 µg/L | 59 x |
| Pool #3 | 78 µg/L | 10 µg/L | 7.8 x |



READY MIX CONCRETE

Ready Mix concrete is available to both homeowners and contractors for work on sidewalks, patios, and foundations. Different mixes are available for individual project requirements. Allow us to deliver the materials right to the job site.

Per <http://www.SuffolkCementNY.com/>

Chromium-6 in U.S. water systems serving more than 1 million customers
(California's 1-in-1 million cancer risk level is 0.02 parts per billion)

| System | Average (parts per billion) | Detections/ samples | Population served |
|--|-----------------------------------|------------------------|----------------------|
| City of Phoenix | 7.853 | 79/80 | 1.5 million |
| Missouri American Water Co. (St. Louis County) | 1.258 | 40/40 | 1.1 million |
| City of Houston | 0.747 | 178/199 | 2.2 million |
| City of Los Angeles Dept. of Water & Power | 0.481 | 71/76 | 3.9 million |
| Suffolk County (N.Y.) Water Authority | 0.413 | 751/808 | 1.1 million |
| Philadelphia Water Dept. | 0.388 | 24/24 | 1.6 million |
| Dallas Water Utility | 0.274 | 24/24 | 1.25 million |
| South Coast Water District (Capistrano, Calif.) | 0.223 | 10/12 | 1 million |
| Columbus (Ohio) Dept. of Public Utilities | 0.207 | 20/20 | 1.16 million |
| Las Vegas Valley Water District | 0.203 | 22/22 | 1.35 million |
| Chicago Bureau of Water Supply | 0.194 | 16/16 | 2.7 million |
| San Antonio Water System | 0.136 | 136/145 | 1.78 million |
| Washington Suburban Sanitary Commission (Montgomery & Prince George counties, Md.) | 0.111 | 15/16 | 1.8 million |
| Fairfax County (Va.) Water Authority | 0.103 | 28/28 | 1.05 million |
| Cleveland Water Dept. | 0.102 | 20/20 | 1.26 million |
| Miami-Dade Water and Sewer | 0.085 | 12/12 | 2.1 million |
| Metropolitano Community Water System (San Juan, P.R.) | 0.084 | 5/8 | 1.06 million |
| City of San Diego | 0.080 | 21/24 | 1.32 million |
| East Bay MUD (Alameda & Contra Costa counties, Calif.) | 0.053 | 34/38 | 1.37 million |
| South Coast Water District (Laguna Beach, Calif.) | 0.044 | 8/8 | 1 million |
| New York City | 0.041 | 29/30 | 8.27 million |
| Baltimore City Dept. of Public Works | 0.038 | 13/19 | 1.6 million |
| Denver Water Board | 0.037 | 9/24 | 1 million |

Source: EWG, from EPA **Unregulated Contaminant Monitoring Rule** tests, 2013-2015

October 06, 2016

[REDACTED]
[REDACTED]

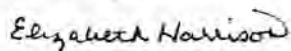
RE: Project: FOWP - CR6 (23)
Pace Project No.: 701089

Dear [REDACTED]

Enclosed are the analytical results for sample(s) received by the laboratory on October 04, 2016. 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,



Elizabeth Harrison
betty.harrison@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New Jersey Certification #: NY158

New York Certification #: 10478

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-----------|-----------|--------|----------------|----------------|
| 701089006 | #06 (WPN) | Water | 10/03/16 16:43 | 10/04/16 11:15 |
| 701089010 | #10 (GPM) | Water | 10/03/16 17:23 | 10/04/16 11:15 |
| 701089014 | #14 (OM1) | Water | 10/03/16 17:54 | 10/04/16 11:15 |
| 701089015 | #15 (OM2) | Water | 10/03/16 17:57 | 10/04/16 11:15 |
| 701089016 | #16 (OM3) | Water | 10/03/16 18:03 | 10/04/16 11:15 |
| 701089017 | #17 (RHL) | Water | 10/03/16 18:06 | 10/04/16 11:15 |
| 701089019 | #19 (R02) | Water | 10/03/16 18:19 | 10/04/16 11:15 |
| 701089020 | #20 (R03) | Water | 10/03/16 18:21 | 10/04/16 11:15 |
| 701089021 | #21 (R04) | Water | 10/03/16 18:22 | 10/04/16 11:15 |

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SAMPLE ANALYTE COUNT

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|-----------|-----------|----------------|----------|-------------------|
| 701089006 | #06 (WPN) | SM22 3500-Cr B | KAM | 1 |
| 701089010 | #10 (GPM) | SM22 3500-Cr B | KAM | 1 |
| 701089014 | #14 (OM1) | SM22 3500-Cr B | KAM | 1 |
| 701089015 | #15 (OM2) | SM22 3500-Cr B | KAM | 1 |
| 701089016 | #16 (OM3) | SM22 3500-Cr B | KAM | 1 |
| 701089017 | #17 (RHL) | SM22 3500-Cr B | KAM | 1 |
| 701089019 | #19 (R02) | SM22 3500-Cr B | KAM | 1 |
| 701089020 | #20 (R03) | SM22 3500-Cr B | KAM | 1 |
| 701089021 | #21 (R04) | SM22 3500-Cr B | KAM | 1 |

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ANALYTICAL RESULTS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| | | | | | | | | | |
|----------------------|---------|-----------------------------------|--------------|---------------------------|----------|--------------------------|------------|---------------|--|
| Sample: #06 (WPN) | | Lab ID: 701089006 | | Collected: 10/03/16 16:43 | | Received: 10/04/16 11:15 | | Matrix: Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| Chromium, Hexavalent | | Analytical Method: SM22 3500-Cr B | | | | | | | |
| Chromium, Hexavalent | <0.020 | mg/L | 0.020 | 1 | | 10/04/16 15:05 | 18540-29-9 | | |

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ANALYTICAL RESULTS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| | | | | | | | | | |
|----------------------|---------|-----------------------------------|--------------|---------------------------|----------|--------------------------|------------|---------------|--|
| Sample: #10 (GPM) | | Lab ID: 701089010 | | Collected: 10/03/16 17:23 | | Received: 10/04/16 11:15 | | Matrix: Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| Chromium, Hexavalent | | Analytical Method: SM22 3500-Cr B | | | | | | | |
| Chromium, Hexavalent | <0.020 | mg/L | 0.020 | 1 | | 10/04/16 15:05 | 18540-29-9 | | |

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ANALYTICAL RESULTS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| Sample: #14 (OM1) | | Lab ID: 701089014 | Collected: 10/03/16 17:54 | Received: 10/04/16 11:15 | Matrix: Water | | | |
|-----------------------------|------------------|-----------------------------------|---------------------------|--------------------------|---------------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| Chromium, Hexavalent | | Analytical Method: SM22 3500-Cr B | | | | | | |
| Chromium, Hexavalent | <0.020 | mg/L | 0.020 | 1 | | 10/04/16 15:05 | 18540-29-9 | |

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ANALYTICAL RESULTS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| | | | | | | | | | |
|----------------------|---------|-----------------------------------|--------------|---------------------------|----------|--------------------------|------------|---------------|--|
| Sample: #15 (OM2) | | Lab ID: 701089015 | | Collected: 10/03/16 17:57 | | Received: 10/04/16 11:15 | | Matrix: Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| Chromium, Hexavalent | | Analytical Method: SM22 3500-Cr B | | | | | | | |
| Chromium, Hexavalent | <0.020 | mg/L | 0.020 | 1 | | 10/04/16 15:05 | 18540-29-9 | | |

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ANALYTICAL RESULTS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| | | | | | | | | | |
|----------------------|---------|-----------------------------------|--------------|---------------------------|----------|--------------------------|------------|---------------|--|
| Sample: #16 (OM3) | | Lab ID: 701089016 | | Collected: 10/03/16 18:03 | | Received: 10/04/16 11:15 | | Matrix: Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| Chromium, Hexavalent | | Analytical Method: SM22 3500-Cr B | | | | | | | |
| Chromium, Hexavalent | <0.020 | mg/L | 0.020 | 1 | | 10/04/16 15:05 | 18540-29-9 | | |

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ANALYTICAL RESULTS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| | | | | | | | | | |
|----------------------|---------|-----------------------------------|--------------|---------------------------|----------|--------------------------|------------|---------------|--|
| Sample: #17 (RHL) | | Lab ID: 701089017 | | Collected: 10/03/16 18:06 | | Received: 10/04/16 11:15 | | Matrix: Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| Chromium, Hexavalent | | Analytical Method: SM22 3500-Cr B | | | | | | | |
| Chromium, Hexavalent | <0.020 | mg/L | 0.020 | 1 | | 10/04/16 15:05 | 18540-29-9 | | |

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ANALYTICAL RESULTS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| | | | | | | | | | |
|----------------------|--|-----------------------------------|-------|---------------------------|----|--------------------------|----------------|---------------|------|
| Sample: #19 (R02) | | Lab ID: 701089019 | | Collected: 10/03/16 18:19 | | Received: 10/04/16 11:15 | | Matrix: Water | |
| Parameters | | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| Chromium, Hexavalent | | Analytical Method: SM22 3500-Cr B | | | | | | | |
| Chromium, Hexavalent | | 0.54 | mg/L | 0.040 | 2 | | 10/04/16 15:05 | 18540-29-9 | |

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ANALYTICAL RESULTS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| | | | | | | | | | |
|----------------------|---------|-----------------------------------|--------------|---------------------------|----------|--------------------------|------------|---------------|--|
| Sample: #20 (R03) | | Lab ID: 701089020 | | Collected: 10/03/16 18:21 | | Received: 10/04/16 11:15 | | Matrix: Water | |
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual | |
| Chromium, Hexavalent | | Analytical Method: SM22 3500-Cr B | | | | | | | |
| Chromium, Hexavalent | 0.59 | mg/L | 0.040 | 2 | | 10/04/16 15:05 | 18540-29-9 | | |

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ANALYTICAL RESULTS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| Sample: #21 (R04) | | Lab ID: 701089021 | Collected: 10/03/16 18:22 | Received: 10/04/16 11:15 | Matrix: Water | | | |
|-----------------------------|--------------|-----------------------------------|---------------------------|--------------------------|---------------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| Chromium, Hexavalent | | Analytical Method: SM22 3500-Cr B | | | | | | |
| Chromium, Hexavalent | 0.078 | mg/L | 0.020 | 1 | | 10/04/16 15:05 | 18540-29-9 | |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| | | | |
|-------------------------|---|-----------------------|------------------------------|
| QC Batch: | 29 | Analysis Method: | SM22 3500-Cr B |
| QC Batch Method: | SM22 3500-Cr B | Analysis Description: | Chromium, Hexavalent by 3500 |
| Associated Lab Samples: | 701089006, 701089010, 701089014, 701089015, 701089016, 701089017, 701089019, 701089020, 701089021 | | |

| | | | |
|-------------------------|---|---------|-------|
| METHOD BLANK: | 517 | Matrix: | Water |
| Associated Lab Samples: | 701089006, 701089010, 701089014, 701089015, 701089016, 701089017, 701089019, 701089020, 701089021 | | |

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------|-------|--------------|-----------------|----------------|------------|
| Chromium, Hexavalent | mg/L | <0.020 | 0.020 | 10/04/16 15:05 | |

| LABORATORY CONTROL SAMPLE & LCSD: | 518 | 519 | | | | | | | | |
|-----------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
| Chromium, Hexavalent | mg/L | .2 | 0.21 | 0.20 | 104 | 99 | 85-115 | 5 | 20 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FOWP - CR6 (23)

Pace Project No.: 701089

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FOWP - CR6 (23)

Pace Project No.: 701089

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-----------|-----------|-----------------|----------|-------------------|------------------|
| 701089006 | #06 (WPN) | SM22 3500-Cr B | 29 | | |
| 701089010 | #10 (GPM) | SM22 3500-Cr B | 29 | | |
| 701089014 | #14 (OM1) | SM22 3500-Cr B | 29 | | |
| 701089015 | #15 (OM2) | SM22 3500-Cr B | 29 | | |
| 701089016 | #16 (OM3) | SM22 3500-Cr B | 29 | | |
| 701089017 | #17 (RHL) | SM22 3500-Cr B | 29 | | |
| 701089019 | #19 (R02) | SM22 3500-Cr B | 29 | | |
| 701089020 | #20 (R03) | SM22 3500-Cr B | 29 | | |
| 701089021 | #21 (R04) | SM22 3500-Cr B | 29 | | |

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed.

WO#: 701089



Section A

Required Client Information:

| | | |
|-------------------------|---------------------|-----------------------|
| Company: | Report To: | Attention: |
| Address: | Copy To: | Company Name: |
| Email To: | Purchase Order No.: | Pace Quote Reference: |
| Phone: | Fax: | Pace Project Manager: |
| Requested Due Date/TAT: | 4-Oct-14 | Project Name: FoWP |
| Project Number: | | |

Section B

Required Project Information:

Section C

Invoice Information:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER: Surface & Pond Water

SITE LOCATION
☐ GA ☐ IL ☐ IN ☐ MI ☐ NC
☐ OH ☐ SC ☐ WI ☒ OTHER: NY

Filtered (Y/N)

Analysis/
Test:

Hexavalent
Chromium

Residual Chlorine (Y/N)

Pace Project No.
Lab I.D.

| ITEM # | Section D Client Information | Valid Matrix Codes MATRIX CODE DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE | Required | MATRIX CODE | SAMPLE TYPE G=GRAB C=COMP | COLLECTED | | | | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives | | | | | | | | Analysis/ Test: | Hexavalent Chromium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|--------|---------------------------------|---|----------|-------------|------------------------------|-----------|--|--|--|------------------------------|-----------------|---------------|--|--|--|--|--|--|--|--------------------|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

SAMPLE CONDITIONS

All water samples to be tested for Hexavalent Chromium-6 accurate to the nearest 0.01 µg. Water Samples that may require testing for other contaminants include: #7, #16, #18, #19, #20, #21.

Oct 4

11:15

E. Harman

10/4/16

11:15

Y/N Y/N Y/N

21.1 Y/N Y/N Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER

DATE Signed
(MM / DD / YY):

Oct 3, 2016

Temp in °C

Received on Ice

Custody Sealed Cooler

Samples Intact

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: **2** of 2

Section A

Required Client Information:

Company: _____
Address: _____
Email To: _____
Phone: _____ Fax: _____
Requested Due Date/TAT: **4-Oct-14**

Section B

Required Project Information:

Report To: Simon Kinsella
Copy To: _____
Purchase Order No.: _____
Project Name: **FoWP**
Project Number: _____

Section C

Invoice Information:

Attention: _____
Company Name: _____
Address: _____
Pace Quote Reference: _____
Pace Project Manager: _____

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER: Surface & Pond Water

SITE LOCATION: ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC
☐ OH ☐ SC ☐ WI ☒ OTHER: NY

Filtered (Y/N)

Analysis/
Test:

Hexavalent
Chromium

Residual Chlorine (1/1)

Pace Project No.
Lab I.D.

| ITEM # | Section D Client Information | Required Valid Matrix Codes MATRIX CODE SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE | DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISUE | DW WT WW P SL QL WP AR OT TS | MATRIX CODE | SAMPLE TYPE G=GRAB C=COMP | COLLECTED | | | | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives | | | | | | | | Analysis/ Test: | | | | | | | | | | | | Pace Project No. Lab I.D. |
|--------|---------------------------------|--|---|---|-------------|------------------------------|--------------------|--|-----------------------|--|------------------------------|-----------------|---------------|--------------------------------|------------------|-----|------|---|----------|-------|---|--|--|--|--|--|--|--|--|--|--|--|------------------------------|
| | | | | | | | COMPOSITE START | | COMPOSITE END/GRAB | | | | Unpreserved | H ₂ SO ₄ | HNO ₃ | HCl | NaOH | Na ₂ S ₂ O ₃ | Methanol | Other | Hexavalent Chromium < | | | | | | | | | | | | |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS | | | |
|---|-------------------------------|-------|-------|---------------------------|---------|-------|-------------------|-----|-----|-----|
| All water samples to be tested for Hexavalent Chromium-6 accurate to the nearest 0.01 µg. Water Samples that may require testing for other contaminants include: #7, #16, #18, #19, #20, #21. | | Oct 4 | 11:15 | E. Harsanyi | 10/4/16 | 11:15 | | Y/N | Y/N | Y/N |
| | | | | | | | | Y/N | Y/N | Y/N |
| | | | | | | | | Y/N | Y/N | Y/N |
| | | | | | | | | Y/N | Y/N | Y/N |

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER

DATE Signed
(MM / DD / YY):

Oct 3, 2016

Temp in °C

Received on
Ice

Custody
Sealed Cooler

Samples Intact



Sample Condition Upon Receipt

WO#: 701089
PM: EMH Due Date: 10/06/16
CLIENT: [Redacted]

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace Other _____
Tracking #: _____
Custody Seal on Cooler/Box Present: ☒ yes ☒ no Seals intact: ☐ yes ☐ no
Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____
Thermometer Used: 150162211 Type of Ice: ☒ Wet ☒ Blue ☒ None ☐ Samples on ice, cooling process has begun
Cooler Temperature: 21.1* Biological Tissue is Frozen: Yes No
Temp should be above freezing to 6°C

Optional:
Proj. Due Date:
Proj. Name:

Date and Initials of person examining contents: _____

| | | |
|--|--|--|
| Chain of Custody Present: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 1. |
| Chain of Custody Filled Out: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2. |
| Chain of Custody Relinquished: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 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 <input type="checkbox"/> N/A | 5. |
| Short Hold Time Analysis (<72hr): | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 6. |
| Rush Turn Around Time Requested: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 7. |
| Sufficient Volume: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 8. |
| Correct Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 9. |
| -Pace Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| Containers Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 10. |
| Filtered volume received for Dissolved tests | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 11. |
| Sample Labels match COC: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 12. |
| -Includes date/time/ID/Analysis Matrix: SL AQ OIL | | |
| All containers needing preservation have been checked. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 13. *Samples received out of temp. @ 21.1* |
| All containers needing preservation are found to be in compliance with EPA recommendation. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| exceptions: VOA, coliform, TOC, O&G, WI-DRO (water) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Initial when completed |
| Samples checked for dechlorination: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Lot # of added preservative |
| Headspace in VOA Vials (>6mm): | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 14. |
| Trip Blank Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 15. |
| Trip Blank Custody Seals Present | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 16. |
| Pace Trip Blank Lot # (if purchased): | | |

Client Notification/ Resolution: _____ Field Data Required? Y / N
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

Project Manager Review: Elizabeth Harrison Date: 10/4/16