



## Analytical Summary Report

Analysis Method: 9040C

Analyst By : Sweta

Parameter: Corrosivity

Supervisor Review By : apatel

Run Number: LB97205

Slope : 98.9

BalanceID: WC SC-4

pH Meter ID : WC pH Meter-1

| Calibration Standards          | Chemtech Log# |
|--------------------------------|---------------|
| PH 4 BUFFER SOLUTION           | W2321         |
| buffer solution pH 7 yellow    | W2357         |
| PH 10.01 BUFFER,COLOR CD 475ML | W2323         |
| buffer solution pH 7 yellow    | W2322         |
| pH 2.00 Buffer                 | W2289         |
| Buffer Solution, PH12 (500ml)  | W2267         |

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.00 Control Limits[+/- 0.1].

True Value of CCV2 = 12.00 Control Limits[+/- 0.1].

True Value of CCV3 = 2.00 Control Limits[+/- 0.1].

| Seq | LabID       | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 1   | CAL1        | 1  | Water  |             |             | 22.2             | 4.01        | 08/09/2018 | 16:30     |
| 2   | CAL2        | 1  | Water  |             |             | 22.0             | 7.01        | 08/09/2018 | 16:32     |
| 3   | CAL3        | 1  | Water  |             |             | 21.9             | 10.04       | 08/09/2018 | 16:34     |
| 4   | ICV         | 1  | Water  |             |             | 22.2             | 7.00        | 08/09/2018 | 16:36     |
| 5   | CCV1        | 1  | Water  |             |             | 22.0             | 2.00        | 08/09/2018 | 16:38     |
| 6   | J4272-02    | 1  | Solid  | 20.02       | 20          | 24.7             | 9.04        | 08/09/2018 | 16:40     |
| 7   | J4272-02DUP | 1  | Solid  | 20.04       | 20          | 24.8             | 9.05        | 08/09/2018 | 16:42     |
| 8   | J4272-04    | 1  | Solid  | 20.02       | 20          | 24.9             | 9.25        | 08/09/2018 | 16:44     |
| 9   | J4272-06    | 1  | Solid  | 20.02       | 20          | 25.0             | 9.16        | 08/09/2018 | 16:46     |
| 10  | J4272-08    | 1  | Solid  | 20.02       | 20          | 24.7             | 9.03        | 08/09/2018 | 16:48     |
| 11  | J4272-10    | 1  | Solid  | 20.03       | 20          | 24.6             | 8.69        | 08/09/2018 | 16:50     |
| 12  | J4272-12    | 1  | Solid  | 20.02       | 20          | 24.7             | 8.95        | 08/09/2018 | 16:52     |
| 13  | J4272-14    | 1  | Solid  | 20.04       | 20          | 25.4             | 9.01        | 08/09/2018 | 16:54     |
| 14  | J4272-16    | 1  | Solid  | 20.03       | 20          | 25.2             | 8.87        | 08/09/2018 | 16:56     |
| 15  | J4272-18    | 1  | Solid  | 20.02       | 20          | 25.0             | 8.96        | 08/09/2018 | 16:58     |
| 16  | CCV2        | 1  | Water  |             |             | 22.2             | 12.00       | 08/09/2018 | 17:00     |
| 17  | J4272-20    | 1  | Solid  | 20.04       | 20          | 25.1             | 8.87        | 08/09/2018 | 17:02     |
| 18  | J4272-22    | 1  | Solid  | 20.03       | 20          | 24.8             | 9.07        | 08/09/2018 | 17:04     |
| 19  | J4272-22DUP | 1  | Solid  | 20.02       | 20          | 24.9             | 9.08        | 08/09/2018 | 17:06     |
| 20  | J4274-02    | 1  | Solid  | 20.04       | 20          | 25.2             | 8.22        | 08/09/2018 | 17:08     |

| Seq | LabID    | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|----------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 21  | J4282-02 | 1  | Solid  | 20.02       | 20          | 25.1             | 8.23        | 08/09/2018 | 17:10     |
| 22  | J4282-04 | 1  | Solid  | 20.02       | 20          | 24.9             | 7.54        | 08/09/2018 | 17:12     |
| 23  | J4405-04 | 1  | Solid  | 20.03       | 20          | 23.4             | 9.08        | 08/09/2018 | 17:14     |
| 24  | J4417-01 | 1  | Solid  | 20.03       | 20          | 24.1             | 8.59        | 08/09/2018 | 17:16     |
| 25  | CCV3     | 1  | Water  |             |             | 21.9             | 2.00        | 08/09/2018 | 17:18     |

# WORKLIST(Hardcopy Internal Chain)

1897205

WorkList Name : corrosivity080918

WorkList ID : 115466

Date : 8/9/2018 3:58:41 PM

| Due Date   | Matrix | Sample   | Test        | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|-------------|--------------|----------|------------------|-----------------|--------------|--------|
| 08/09/2018 | Solid  | J4272-02 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-A  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-04 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-B  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-06 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-C  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-08 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-D  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-10 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-E  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-12 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-F  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-14 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-G  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-16 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-H  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-18 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-I  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-20 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-J  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4272-22 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | JC-03-080918-K  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4274-02 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | HD-01-080918    | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4282-02 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | SU-02-080918-A  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4282-04 | Corrosivity | Cool 4 deg C | PSEG05   | K63              | SU-02-080918-B  | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4405-04 | Corrosivity | Cool 4 deg C | PSEG01   | K63              | EXCAVATION-SOIL | 08/09/2018   | 9040C  |
| 08/09/2018 | Solid  | J4417-01 | Corrosivity | Cool 4 deg C | SEAC01   |                  | SOIL/CUTTINGS   | 08/09/2018   | 9040C  |

Date/Time 08/09/18 4:20

Received by: SP

Relinquished by: CP

Date/Time 08/09/18 5:25

Received by: SP

Relinquished by: SP