



## Analytical Summary Report

Analysis Method: 9045C

Analyst By : Sweta

Parameter: Corrosivity

Supervisor Review By : apatel

Run Number: LB96615

Slope : 99.0

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  |             |             | 21.7             | 4.01        | 07/12/2018 | 16:40     |
| 2   | CAL2        | 1  | Water  |             |             | 21.5             | 7.00        | 07/12/2018 | 16:42     |
| 3   | CAL3        | 1  | Water  |             |             | 21.8             | 10.03       | 07/12/2018 | 16:44     |
| 4   | ICV         | 1  | Water  |             |             | 21.7             | 7.00        | 07/12/2018 | 16:46     |
| 5   | CCV1        | 1  | Water  |             |             | 21.6             | 2.00        | 07/12/2018 | 17:30     |
| 6   | J3542-04    | 1  | Solid  | 20.02       | 20          | 24.2             | 8.42        | 07/12/2018 | 17:32     |
| 7   | J3542-04DUP | 1  | Solid  | 20.03       | 20          | 24.3             | 8.43        | 07/12/2018 | 17:34     |
| 8   | J3542-08    | 1  | Solid  | 20.03       | 20          | 24.2             | 8.55        | 07/12/2018 | 17:36     |
| 9   | J3542-12    | 1  | Solid  | 20.02       | 20          | 23.3             | 8.61        | 07/12/2018 | 17:38     |
| 10  | J3545-04    | 1  | Solid  | 20.02       | 20          | 23.4             | 6.15        | 07/12/2018 | 17:40     |
| 11  | J3820-04    | 1  | Solid  | 20.02       | 20          | 24.6             | 7.82        | 07/12/2018 | 17:42     |
| 12  | J3821-02    | 1  | Solid  | 20.02       | 20          | 24.2             | 8.45        | 07/12/2018 | 17:44     |
| 13  | J3821-04    | 1  | Solid  | 20.04       | 20          | 24.4             | 8.73        | 07/12/2018 | 17:46     |
| 14  | J3821-06    | 1  | Solid  | 20.02       | 20          | 24.8             | 9.40        | 07/12/2018 | 17:48     |
| 15  | J3831-02    | 1  | Solid  | 20.02       | 20          | 24.9             | 7.66        | 07/12/2018 | 17:50     |
| 16  | CCV2        | 1  | Water  |             |             | 21.7             | 12.00       | 07/12/2018 | 17:52     |
| 17  | J3958-06    | 1  | Solid  | 20.02       | 20          | 23.7             | 8.89        | 07/12/2018 | 17:54     |
| 18  | J3958-10    | 1  | Solid  | 20.02       | 20          | 23.5             | 10.23       | 07/12/2018 | 17:56     |
| 19  | J3958-10DUP | 1  | Solid  | 20.02       | 20          | 23.6             | 10.24       | 07/12/2018 | 17:58     |
| 20  | J3966-03    | 1  | Solid  | 20.03       | 20          | 24.8             | 5.09        | 07/12/2018 | 18:00     |

| Seq | LabID    | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|----------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 21  | J3975-02 | 1  | Solid  | 20.02       | 20          | 24.8             | 8.27        | 07/12/2018 | 18:02     |
| 22  | J3975-04 | 1  | Solid  | 20.03       | 20          | 24.5             | 7.65        | 07/12/2018 | 18:04     |
| 23  | J3975-06 | 1  | Solid  | 20.03       | 20          | 24.1             | 7.57        | 07/12/2018 | 18:06     |
| 24  | J3975-08 | 1  | Solid  | 20.04       | 20          | 23.7             | 8.63        | 07/12/2018 | 18:08     |
| 25  | J3980-04 | 1  | Solid  | 20.02       | 20          | 23.4             | 6.93        | 07/12/2018 | 18:10     |
| 26  | J3980-08 | 1  | Solid  | 20.02       | 20          | 23.2             | 5.87        | 07/12/2018 | 18:12     |
| 27  | CCV3     | 1  | Water  |             |             | 21.8             | 2.00        | 07/12/2018 | 18:14     |

# WORKLIST(Hardcopy Internal Chain)

LB 96615

WorkList Name : corrosivity071218

WorkList ID : 114411

Date : 7/12/2018 4:49:58 PM

| Due Date   | Matrix | Sample   | Test        | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|-------------|--------------|----------|------------------|-----------------|--------------|--------|
| 07/12/2018 | Solid  | J3542-04 | Corrosivity | Cool 4 deg C | PSEG01   | K61              | LL-SOIL-1       | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3542-08 | Corrosivity | Cool 4 deg C | PSEG01   | K61              | LL-SOIL-2       | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3542-12 | Corrosivity | Cool 4 deg C | PSEG01   | K61              | LL-SOIL-3       | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3545-04 | Corrosivity | Cool 4 deg C | PSEG01   | K61              | DRUM-3          | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3820-04 | Corrosivity | Cool 4 deg C | PSEG05   | K61              | BU-02-071218    | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3821-02 | Corrosivity | Cool 4 deg C | PSEG05   | K61              | HR-05-071218-A  | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3821-04 | Corrosivity | Cool 4 deg C | PSEG05   | K61              | HR-05-071218-B  | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3821-06 | Corrosivity | Cool 4 deg C | PSEG05   | K61              | HR-05-071218-C  | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3831-02 | Corrosivity | Cool 4 deg C | PSEG05   | K21              | SU-04-071218    | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3958-06 | Corrosivity | Cool 4 deg C | PSEG01   | K41              | CS-STONE        | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3958-10 | Corrosivity | Cool 4 deg C | PSEG01   | K41              | CS-CONCRETE     | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3966-03 | Corrosivity | Cool 4 deg C | PSEG01   | K42              | 72-11977        | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3975-02 | Corrosivity | Cool 4 deg C | PSEG01   | K51              | PAR-5           | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3975-04 | Corrosivity | Cool 4 deg C | PSEG01   | K51              | PAR-6           | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3975-06 | Corrosivity | Cool 4 deg C | PSEG01   | K51              | PAR-7           | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3975-08 | Corrosivity | Cool 4 deg C | PSEG01   | K51              | PAR-8           | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3980-04 | Corrosivity | Cool 4 deg C | PSEG01   | K61              | TP-E-MH-S       | 07/12/2018   | 9045C  |
| 07/12/2018 | Solid  | J3980-08 | Corrosivity | Cool 4 deg C | PSEG01   | K61              | TP-E-MH-D       | 07/12/2018   | 9045C  |

Date/Time 07/12/18 5:10 PM

Received by: SP

Relinquished by: CP

Date/Time 07/12/18 6:20 PM

Received by: CP

Relinquished by: SP