



## Analytical Summary Report

Analysis Method: 9045D

Analyst By : Jignesh

Parameter: Corrosivity

Supervisor Review By : Aparna

Run Number: LB100341

Slope : 98.4

BalanceID: WC SC-4

pH Meter ID : WC PH METER-1

| Calibration Standards          | Chemtech Log# |
|--------------------------------|---------------|
| PH 4 BUFFER SOLUTION           | W2390         |
| buffer solution pH 7 yellow    | W2358         |
| PH 10.01 BUFFER,COLOR CD 475ML | W2323         |
| buffer solution pH 7 yellow    | W2446         |
| 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].

True Value of CCV4 = 12.00 Control Limits[+/- 0.1].

| Seq | LabID       | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 1   | CAL1        | 1  | Water  | NA          | NA          | 21.1             | 4.01        | 01/16/2019 | 17:10     |
| 2   | CAL2        | 1  | Water  | NA          | NA          | 21.1             | 7.01        | 01/16/2019 | 17:11     |
| 3   | CAL3        | 1  | Water  | NA          | NA          | 21.1             | 10.02       | 01/16/2019 | 17:12     |
| 4   | ICV         | 1  | Water  | NA          | NA          | 21.2             | 6.99        | 01/16/2019 | 17:13     |
| 5   | CCV1        | 1  | Water  | NA          | NA          | 21.1             | 2.02        | 01/16/2019 | 17:15     |
| 6   | K1153-02    | 1  | Solid  | 20.02       | 20          | 20.5             | 8.77        | 01/16/2019 | 17:16     |
| 7   | K1153-02DUP | 1  | Solid  | 20.03       | 20          | 20.6             | 8.78        | 01/16/2019 | 17:18     |
| 8   | K1156-14    | 1  | Solid  | 20.04       | 20          | 20.7             | 10.01       | 01/16/2019 | 17:19     |
| 9   | K1156-16    | 1  | Solid  | 20.02       | 20          | 20.0             | 10.20       | 01/16/2019 | 17:20     |
| 10  | K1156-18    | 1  | Solid  | 20.04       | 20          | 20.3             | 10.40       | 01/16/2019 | 17:21     |
| 11  | K1157-15    | 1  | Solid  | 20.02       | 20          | 20.6             | 5.56        | 01/16/2019 | 17:22     |
| 12  | K1157-17    | 1  | Solid  | 20.03       | 20          | 20.6             | 5.78        | 01/16/2019 | 17:23     |
| 13  | K1157-19    | 1  | Solid  | 20.01       | 20          | 20.7             | 5.99        | 01/16/2019 | 17:25     |
| 14  | K1157-21    | 1  | Solid  | 20.03       | 20          | 20.9             | 5.56        | 01/16/2019 | 17:26     |
| 15  | K1157-23    | 1  | Solid  | 20.02       | 20          | 20.8             | 5.66        | 01/16/2019 | 17:27     |
| 16  | CCV2        | 1  | Water  | NA          | NA          | 21.1             | 12.02       | 01/16/2019 | 17:28     |
| 17  | K1157-25    | 1  | Solid  | 20.01       | 20          | 20.8             | 5.56        | 01/16/2019 | 17:30     |
| 18  | K1157-27    | 1  | Solid  | 20.03       | 20          | 20.8             | 5.55        | 01/16/2019 | 17:31     |
| 19  | K1159-01    | 1  | Solid  | 20.05       | 20          | 20.2             | 9.95        | 01/16/2019 | 17:32     |
| 20  | K1160-01    | 1  | Solid  | 20.02       | 20          | 20.4             | 7.76        | 01/16/2019 | 17:33     |

| Seq | LabID       | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 21  | K1167-02    | 1  | Solid  | 20.02       | 20          | 20.7             | 5.64        | 01/16/2019 | 17:34     |
| 22  | K1167-04    | 1  | Solid  | 20.03       | 20          | 21.0             | 8.08        | 01/16/2019 | 17:35     |
| 23  | K1167-06    | 1  | Solid  | 20.04       | 20          | 20.8             | 7.64        | 01/16/2019 | 17:36     |
| 24  | K1167-08    | 1  | Solid  | 20.02       | 20          | 20.1             | 7.38        | 01/16/2019 | 17:37     |
| 25  | K1167-10    | 1  | Solid  | 20.03       | 20          | 20.1             | 6.49        | 01/16/2019 | 17:38     |
| 26  | K1167-12    | 1  | Solid  | 20.04       | 20          | 20.4             | 6.28        | 01/16/2019 | 17:39     |
| 27  | CCV3        | 1  | Water  | NA          | NA          | 21.1             | 2.02        | 01/16/2019 | 17:40     |
| 28  | K1167-12DUP | 1  | Solid  | 20.02       | 20          | 20.3             | 6.29        | 01/16/2019 | 17:41     |
| 29  | CCV4        | 1  | Water  | NA          | NA          | 21.2             | 12.02       | 01/16/2019 | 17:42     |

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : corrosivity k1153

WorkList ID : 121373

Date : 1/16/2019 2:09:37 PM

| Due Date   | Matrix | Sample   | Test        | Preservative | Customer | Storage Location | Customer Sample     | Collect Date | Method |
|------------|--------|----------|-------------|--------------|----------|------------------|---------------------|--------------|--------|
| 01/16/2019 | Solid  | K1153-02 | Corrosivity | Cool 4 deg C | PSEG01   | K13              | RBR200044-RBR200027 | 01/16/2019   | 9045D  |
| 01/15/2019 | Solid  | K1156-14 | Corrosivity | Cool 4 deg C | TECT01   |                  | COMP-5              | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1156-16 | Corrosivity | Cool 4 deg C | TECT01   |                  | COMP-7              | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1156-18 | Corrosivity | Cool 4 deg C | TECT01   |                  | COMP-9              | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1157-15 | Corrosivity | Cool 4 deg C | SEVE02   | K42              | WC-01-011519        | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1157-17 | Corrosivity | Cool 4 deg C | SEVE02   | K42              | WC-02-011519        | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1157-19 | Corrosivity | Cool 4 deg C | SEVE02   | K42              | WC-03-011519        | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1157-21 | Corrosivity | Cool 4 deg C | SEVE02   | K42              | WC-04-011519        | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1157-23 | Corrosivity | Cool 4 deg C | SEVE02   | K42              | WC-05-011519        | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1157-25 | Corrosivity | Cool 4 deg C | SEVE02   | K42              | WC-06-011519        | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1157-27 | Corrosivity | Cool 4 deg C | SEVE02   | K42              | WC-07-011519        | 01/15/2019   | 9045D  |
| 01/15/2019 | Solid  | K1159-01 | Corrosivity | Cool 4 deg C | USAR03   | K41              | SSSI-0115-S-TCLP-7  | 01/15/2019   | 9045D  |
| 01/16/2019 | Solid  | K1160-01 | Corrosivity | Cool 4 deg C | PSEG01   | K21              | OILY-STONES         | 01/16/2019   | 9045D  |
| 01/16/2019 | Solid  | K1167-02 | Corrosivity | Cool 4 deg C | TULL02   | K61              | JDHS-SOUTH-1        | 01/16/2019   | 9045D  |
| 01/16/2019 | Solid  | K1167-04 | Corrosivity | Cool 4 deg C | TULL02   | K61              | JDHS-NORTH-2        | 01/16/2019   | 9045D  |
| 01/16/2019 | Solid  | K1167-06 | Corrosivity | Cool 4 deg C | TULL02   | K61              | D-9                 | 01/16/2019   | 9045D  |
| 01/16/2019 | Solid  | K1167-08 | Corrosivity | Cool 4 deg C | TULL02   | K61              | D-10                | 01/16/2019   | 9045D  |
| 01/16/2019 | Solid  | K1167-10 | Corrosivity | Cool 4 deg C | TULL02   | K61              | CLOVER-YARD-A       | 01/16/2019   | 9045D  |
| 01/16/2019 | Solid  | K1167-12 | Corrosivity | Cool 4 deg C | TULL02   | K51              | CLOVER-YARD-B       | 01/16/2019   | 9045D  |

Date/Time 6/16/19 6:00 PM  
 Received by: SA  
 Relinquished by: SA

Date/Time 01/16/19 6:00 PM  
 Received by: SA  
 Relinquished by: SA