

## **DEPARTMENT OF ENERGY**

Environmental Management Los Alamos Field Office (EM-LA) Los Alamos, New Mexico 87544

EMLA-2022-BF112-02-001

Mr. Mitchell Schatz
Permitting and Corrective Action Program
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6313



June 24, 2022

Subject:

Response to New Mexico Environment Department Request for Additional Information Concerning the 2020 Biennial Inspection and Maintenance Report on Erosion Controls Associated with Solid Waste Management Unit 16-003(o) within Fishladder Canyon

Dear Mr. Schatz:

Thank you for your review of the 2020 Biennial Inspection and Maintenance Report on Erosion Controls Associated with Solid Waste Management Unit (SWMU) 16-003(o) within Fishladder Canyon. In the December 10, 2020, submittal, the U.S. Department of Energy (DOE) Environmental Management Los Alamos Field Office (EM-LA) and Newport News Nuclear BWXT-Los Alamos, LLC (N3B) provided reasons for recommending discontinuation of monitoring of controls at SWMU 16-003(o); however, EM-LA and N3B did not reference Compliance Order on Consent (Consent Order) Section VII, "Relationship to Permits," Subsection (H)(1), specific to storm water discharges from sites permitted under DOE's National Pollutant Discharge Elimination System Individual Permit (IP). This section states the following: "This Consent Order shall establish no requirements for releases of Contaminants from SWMUs or AOCs to storm water runoff that: 1) Are permitted under DOE's National Pollutant Discharge Elimination System (NPDES) Individual Permit for storm water discharges from SWMUs and AOCs (Individual Permit) (NM0030759 or as reissued)." SWMU 16-003(o) is permitted under the IP and therefore should no longer be monitored under the Consent Order. Please see below for EM-LA's and N3B's responses to your information request.

In an email dated April 5, 2022, the New Mexico Environment Department's (NMED's) Hazardous Waste Bureau requested additional information as follows:

In order for NMED to consider the discontinuation of the monitoring of controls at 16-003(o), NMED would like DOE to provide us with the following information:

- The sample results from location CDV-SMA-2.3 after a significant rain event of 0.25 in. or greater, and
- More than one data point (2015) for location CDV-SMA-2.3 sampled over the last 11+ years.

In regard to the first bullet, EM-LA and N3B, the current IP permittees, would like to clarify that per the requirements of the IP, the controls are inspected after a storm event intensity of 0.25 in. in 30 min or greater to identify any damage or repairs needed because of the rainfall. A storm event that exceeds the 0.25-in. in 30-min intensity threshold does not equate to storm water sample collection. Pursuant to the

IP, monitoring at CDV-SMA-2.3 currently entails at least one annual inspection of controls and inspection of controls after significant storm events (classified as greater than 0.25 in. in 30 min). Inspection findings for this monitoring are summarized in Table 1. That information is also available in the Annual Site Discharge Pollution Prevention Plan available on the IP public website (<a href="https://ext.em-la.doe.gov/IPS">https://ext.em-la.doe.gov/IPS</a>).

Table 1
Monitoring and Inspection of Controls Associated with SWMU 16-003(o) after Significant Storm Events

| Monitoring<br>Year | Number of<br>Storm<br>Events<br>Greater<br>Than 0.25 in.<br>in 30 min | Storm Event<br>30 min<br>Intensity<br>Range (in.) | Number of<br>Inspections | Inspection Notes                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------|---------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2011               | 4                                                                     | 0.28 to 1.55                                      | 4                        | The September 2, 2011, inspection resulted in a recommendation to replace Rock Check Dam V0070601005 and noted that gabion basket was filling with debris but operational. A replacement rock check dam was installed at a subsequent inspection.                                                                                                                                          |
| 2012               | 3                                                                     | 0.28 to 0.45                                      | 2                        | _                                                                                                                                                                                                                                                                                                                                                                                          |
| 2013               | 8                                                                     | 0.25 to 1.33                                      | 5                        | The September 2013 inspections noted flow due to flooding conditions. The sampler at CDV-SMA-2.3 washed away in the 1000-yr September 2013 flood event.                                                                                                                                                                                                                                    |
| 2014               | 6                                                                     | 0.25 to 0.98                                      | 4                        | The June 3, 2014, inspection recommended replacement of Rock Check Dam V00706010016 and gabion basket. Straw wattles were installed as temporary backup controls for Rock Check Dam -0016 at inspection, and two rock check dams were installed to replace it on June 25, 2014. A follow-up inspection conducted on June 4, 2014, determined that the gabion basket needed no maintenance. |
| 2015               | 9                                                                     | 0.25 to 1.2                                       | 4                        | The July 27, 2015, inspection recommended replacement of Straw Wattle V00703060026 and removal of leaf debris from Rock Check Dam V00706010025. On August 30, 2015, Straw Wattle V00703060030 was installed as a replacement for Straw Wattle -0026 and leaf debris was removed from Rock Check Dam -0025.                                                                                 |
| 2016               | 7                                                                     | 0.25 to 0.44                                      | 6                        | No maintenance needed.                                                                                                                                                                                                                                                                                                                                                                     |
| 2017               | 7                                                                     | 0.31 to 2.83                                      | 5                        | No maintenance needed.                                                                                                                                                                                                                                                                                                                                                                     |
| 2018               | 2                                                                     | 0.43 to 0.45                                      | 2                        | No maintenance needed.                                                                                                                                                                                                                                                                                                                                                                     |
| 2019               | 6                                                                     | 0.26 to 0.40                                      | 6                        | No maintenance needed.                                                                                                                                                                                                                                                                                                                                                                     |
| 2020               | 4                                                                     | 0.26 to 0.35                                      | 2                        | No maintenance needed.                                                                                                                                                                                                                                                                                                                                                                     |
| 2021               | 8                                                                     | 0.27 to 0.74                                      | 6                        | No maintenance needed.                                                                                                                                                                                                                                                                                                                                                                     |

In regard to the second bullet, on July 20, 2015, an extended baseline sample was collected at CDV-SMA-2.3. Gross alpha was the sole analyte to exceed the target action limit (TAL) of 15 pCi/L, with a result of 54.4 pCi/L. The analytical data for this sample are enclosed in Enclosure 1 (on CD). The sample result initiated corrective action under the IP and prompted the permittees (EM-LA and Los Alamos National Security, LLC, in 2015) to submit an alternative compliance request to the U.S. Environmental Protection Agency (EPA), which was submitted on February 26, 2016 (ADESH 16-022). Once the alternative compliance request was submitted to EPA, there was no longer a permit requirement to monitor for storm water; thus, the sample from 2015 is the only storm water sample collected under the IP at CDV-SMA-2.3.

EM-LA and N3B would like to reiterate that SWMU 16-003(o) is regulated under the IP and per Section VII (H)(1) of the Consent Order, the annual inspection and biennial reporting of erosion controls associated with SWMU 16-003(o) within Fishladder Canyon should be discontinued and removed as a requirement from NMED's approval with modifications for the "Phase II Investigation Report for the Technical Area 16-340 Complex, Revision 1," dated February 9, 2009.

If you have any questions please contact Joseph Sena at (505) 551-2964 (joseph.sena@em-la.doe.gov) or Cheryl Rodriguez at (505) 414-0450 (cheryl.rodriguez@em.doe.gov).

Sincerely,

M Lee Digitally signed by M Lee Bishop for Date: 2022.06.24 10:54:00 -06'00'

Arturo Q. Duran Compliance and Permitting Manager U.S. Department of Energy Environmental Management Los Alamos Field Office

## Enclosure(s):

1. Analytical Data for Baseline Sample from CDV-SMA-2.3 (on CD included with this document)

cc (letter with CD/DVD enclosure[s]):
Laurie King, EPA Region 6, Dallas, TX
Raymond Martinez, San Ildefonso Pueblo, NM
Dino Chavarria, Santa Clara Pueblo, NM
Richard Carpenter, City of Santa Fe, NM
Steven Lynne, Los Alamos County, Los Alamos, NM (2 copies)
Aaron Rand, City of Santa Fe, NM
Steve Yanicak, NMED-DOE-OB
Chris Catechis, NMED-RPD
Joseph Sena, N3B

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cc (letter and enclosure[s] emailed): Neelam Dhawan, NMED-HWB Rick Shean, NMED-HWB Jennifer Payne, LANL Braidon Lee Waggoner, LANL Stephen Hoffman, NA-LA William Alexander, N3B Emily Day, N3B Kim Lebak, N3B Joseph Legare, N3B Dana Lindsay, N3B Pamela Maestas, N3B Christian Maupin, N3B Karly Rodriguez, N3B Shannon Smith, N3B Troy Thomson, N3B Steve Veenis, N3B Jennifer von Rohr, N3B Amanda White, N3B M. Lee Bishop, EM-LA Michael Mikolanis, EM-LA David Nickless, EM-LA Hai Shen, EM-LA

## **Enclosure 1**

Analytical Data for Baseline Sample from CDV-SMA-2.3 (on CD included with this document)

## CDV-SMA-2.3 Extended Baseline Sample Collected July 20, 2015

|                        |                  |          |                                             |             |             |               |         |          |           |          |         |            |            |         | 1        |        |           | Report                        |           |           |                     | on         | Location |                     |        |          |
|------------------------|------------------|----------|---------------------------------------------|-------------|-------------|---------------|---------|----------|-----------|----------|---------|------------|------------|---------|----------|--------|-----------|-------------------------------|-----------|-----------|---------------------|------------|----------|---------------------|--------|----------|
|                        |                  | Field    |                                             |             |             | Sampl         |         |          |           |          |         |            | Field      |         |          |        | Report    | Method                        |           |           | Validation          |            |          | ı                   |        |          |
|                        |                  | Location |                                             | Preparation | Report Rep  | ort Lab       | Detecte | e S      | Sample Sa | mple Sam | ple La  | atitude L  | _ongitude  |         | Sample   | Lab    |           |                               | Detection | Detection | ı                   | Validation | Reason   | Analytical Group    | Common | Sampling |
| Sampling Plan          | Field Sample ID  | ID       | Sample Date Parameter Name                  | e Code      | Result Un   | its Qualifier | d       | Matrix P | urpose T  | ype Tin  | ne (De  | ecimal) (  | (Decimal)  | iltered | Comments | Matrix | COC#      | Lab Method                    | Limit     | Limit     | Validated Date      | Qualifier  | Codes    | Name                | Name   | Event    |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Alkalinity-CO3                   | UF          | 0.725 mg/   | L U           | N       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1873 | EPA:310.1                     | 1.00      | 0.725     | 08/25/2015 08:27:13 | U          | U_LAB    | SW-ALK+pH           |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Alkalinity-CO3+HCO3              | UF          | 9.46 mg/    | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1873 | EPA:310.1                     | 1.00      | 0.725     | 08/25/2015 08:27:13 | NQ         | NQ       | SW-ALK+pH           |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Alkalinity-HCO3                  | UF          | 9.46 mg/    | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1873 | EPA:310.1                     | 1.00      | 0.725     | 08/25/2015 08:27:13 | NQ         | NQ       | SW-ALK+pH           |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Chloride                         | UF          | 1.35 mg/    | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1873 | EPA:300.0                     | 0.200     | 0.067     | 08/25/2015 08:27:13 | NQ         | NQ       | SW-SO4+Cl           |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Cyanide, weak acid dissociable   | le UF       | 0.00214 mg/ | L U           | N       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | N       |          | W      | 2015-1873 | ASTM:D2036                    | 0.005     | 0.00214   | 08/25/2015 08:27:13 | U          | U_LAB    | SW-IP-Cyanide       |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Gross alpha                      | UF          | 54.4 pCi/   | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | N       |          | W      | 2015-1873 | EPA:900                       |           |           | 08/25/2015 08:27:13 | NQ         | NQ       | SW-IP-Gross Alpha   |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Mercury                          | UF          | 0.067 μg/l  | . U           | N       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | N       |          | W      | 2015-1873 | EPA:245.2                     | 0.200     | 0.067     | 08/25/2015 08:27:13 | U          | U_LAB    | SW-IP-Hg+Se+U       |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Acidity or Alkalinity of a solut | tion UF     | 6.93 SU     | Н             | Υ       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1873 | EPA:150.1                     | 0.100     | 0.010     | 08/25/2015 08:27:13 | NQ         | NQ       | SW-ALK+pH           |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Radium-226                       | UF          | 1.76 pCi/   | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | N       |          | W      | 2015-1873 | EPA:903.1                     |           |           | 08/25/2015 08:27:13 | NQ         | NQ,R33   | SW-Ra226/Ra228      |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Radium-226 and Radium-228        | B UF        | 5.04 pCi/   | L             | Υ       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1873 | Generic:Radium by Calculation |           |           | 08/25/2015 08:27:13 | NQ         | NQ       | SW-Ra226/Ra228      |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Radium-228                       | UF          | 3.29 pCi/   | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | N       |          | W      | 2015-1873 | EPA:904                       |           |           | 08/25/2015 08:27:13 | NQ         | NQ,R33   | SW-Ra226/Ra228      |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Selenium                         | UF          | 2.74 μg/l   | . J           | Υ       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1873 | EPA:200.8                     | 5.00      | 1.50      | 08/25/2015 08:27:13 | J          | J_LAB    | SW-IP-Hg+Se+U       |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Sulfate                          | UF          | 2.98 mg/    | L             | Υ       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1873 | EPA:300.0                     | 0.400     | 0.133     | 08/25/2015 08:27:13 | NQ         | NQ       | SW-SO4+Cl           |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Suspended Sediment Concen-       | ntration UF | 2500 mg/    | L             | Υ       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1883 | ASTM:D3977-97                 | 100       |           | 10/27/2015 08:21:41 | NQ         | NQ       | SW-SSC              |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102065 | SS080404 | 07/20/2015 Uranium                          | UF          | 6.15 μg/l   | =             | Υ       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Ν       |          | W      | 2015-1873 | EPA:200.8                     | 0.200     | 0.067     | 08/25/2015 08:27:13 | NQ         | NQ       | SW-IP-Hg+Se+U       |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Silver                           | F           | 0.200 μg/l  | . U           | N       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.8                     | 1.00      | 0.200     | 08/25/2015 08:27:13 | U          | U_LAB    | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Aluminum                         | F           | 129 μg/l    | =             | Υ       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.8                     | 50.0      | 15.0      | 08/25/2015 08:27:13 | NQ         | NQ       | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Arsenic                          | F           | 1.70 μg/l   | . U           | N       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.8                     | 5.00      | 1.70      | 08/25/2015 08:27:13 | U          | U_LAB    | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Boron                            | F           | 16.8 μg/l   | . J           | Υ       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.7                     | 50.0      | 15.0      | 08/25/2015 08:27:13 | J          | J_LAB    | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Calcium                          | F           | 2.98 mg/    | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.7                     | 0.2       | 0.05      | 08/25/2015 08:27:13 | NQ         | NQ       | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Cadmium                          | F           | 0.110 μg/l  | . U           | N       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.8                     | 1.00      | 0.110     | 08/25/2015 08:27:13 | U          | U_LAB    | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Cobalt                           | F           | 1.00 μg/l   | . U           | N       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.7                     | 5.00      | 1.00      | 08/25/2015 08:27:13 | U          | U_LAB    | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Chromium                         | F           | 2.00 μg/l   | . U           | N       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.8                     | 10.0      | 2.00      | 08/25/2015 08:27:13 | U          | U_LAB    | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Copper                           | F           | 4.13 μg/l   |               | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.8                     | 1.00      | 0.350     | 08/25/2015 08:27:13 | NQ         | NQ       | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Dissolved Organic Carbon         | F           | 11.4 mg/    | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | SW-846:9060                   | 1.00      | 0.330     | 08/25/2015 08:27:13 | J-         | 19       | SW-DOC              |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Hardness                         | F           | 10.3 mg/    | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | SM:A2340B                     | 1.24      | 0.453     | 08/25/2015 08:27:13 | NQ         | NQ       | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Potassium                        | F           | 2.44 mg/    | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.7                     | 0.15      | 0.05      | 08/25/2015 08:27:13 | NQ         | NQ       | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Magnesium                        | F           | 0.697 mg/   | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.7                     | 0.3       | 0.11      | 08/25/2015 08:27:13 | NQ         | NQ       | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Sodium                           | F           | 2.58 mg/    | L             | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.7                     | 0.3       | 0.1       | 08/25/2015 08:27:13 | NQ         | NQ       | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Nickel                           | F           | 0.698 μg/l  | . J           | Υ       | W        | REG V     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.8                     | 2.00      | 0.500     | 08/25/2015 08:27:13 | J          | J_LAB    | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT_IPC-15-102104 | SS080404 | 07/20/2015 Lead                             | F           | 0.500 μg/l  | . U           | N       | W        | REG 1     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.8                     | 2.00      | 0.500     | 08/25/2015 08:27:13 | U          | U_LAB    | SW-Metals-Dissolved |        | MEx      |
| 2015 Individual Permit | WT IPC-15-102104 | SS080404 | 07/20/2015 Antimony                         | F           | 1.00 μg/l   | . U           | N       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.8                     | 3.00      | 1.00      | 08/25/2015 08:27:13 | U          | U LAB    | SW-Metals-Dissolved | + +    | MEx      |
| 2015 Individual Permit | WT IPC-15-102104 | SS080404 | ·                                           | F           | 0.450 μg/l  | . U           | N       | W        |           | WT 19:   |         |            | 06.3330722 | Υ       |          |        | 2015-1873 |                               | 2.00      | 0.450     | 08/25/2015 08:27:13 |            | -        | SW-Metals-Dissolved | + +    | MEx      |
| 2015 Individual Permit | _                | SS080404 | 07/20/2015 Vanadium                         | F           | 5.03 μg/l   |               | Υ       | W        | REG \     | WT 19:   | 07 35.8 | 8460993 -1 | 06.3330722 | Υ       |          | W      | 2015-1873 | EPA:200.7                     | 5.00      | 1.00      | 08/25/2015 08:27:13 |            | NQ       | SW-Metals-Dissolved | + +    | MEx      |
|                        | -                |          | 07/20/2015 Zinc                             | F           | 4.06 µg/l   |               | Υ       | W        |           |          |         | 8460993 -1 |            | Υ       |          |        | 2015-1873 |                               | 10.0      | 3.30      | 08/25/2015 08:27:13 | -          |          | SW-Metals-Dissolved | +      | MEx      |

EM2022-0433 Page 1 of 1