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ENVIRONMENT DEPARTMENT

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RYAN FLYNN
Cabinet Secretary-Designate

BUTCH TONGATE
Deputy Secretary

Certified Mail - Return Receipt Requested

May 7, 2014

Mr. Louis Abruzzo, President
Sandia Peak Tram Company
10 Tramway Loop NE
Albuquerque, NM 87122

Re: Sandia Peak Tramway, Minor, Individual Permit; SIC 4952; NPDES Compliance Evaluation Inspection; NM0027863; April 30, 2014

Dear Mr. Abruzzo:

Enclosed please find a copy of the report and check list for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Introduction, treatment scheme, and problems noted during this inspection are discussed in the "Further Explanations" section of the inspection report.

You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and advised to modify your operational and/or administrative procedures, as appropriate. If you have comments on or concerns with the basis for the findings in the NMED inspection report, please contact us (see the address below) in writing within 30 days from the date of this letter. Further, you are encouraged to notify in writing both the USEPA and NMED regarding modifications and compliance schedules at the addresses below:

Gladys Gooden-Jackson
US Environmental Protection Agency, Region VI
Enforcement Branch (6EN-WM)
1445 Ross Avenue
Dallas, Texas 75202-2733

Bruce Yurdin
New Mexico Environment Department
Surface Water Quality Bureau
Point Source Regulation Section
P.O. Box 5469
Santa Fe, New Mexico 87502

If you have any questions about this inspection report, please contact Sarah Holcomb at 505-827-2798 or at sarah.holcomb@state.nm.us.

Sincerely,

/s/ Bruce J. Yurdin

Bruce J. Yurdin
Program Manager
Point Source Regulation Section
Surface Water Quality Bureau

cc: Rashida Bowlin, USEPA (6EN-AS) by e-mail
Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail
Gladys Gooden-Jackson, USEPA (6EN-WM) by e-mail
Brent Larsen, USEPA (6WQ-PP) by e-mail
Raquel Douglas, USEPA (6EN-AS) by e-mail
NMED District 1, William Chavez by e-mail



Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type
1 N 2 5 3 N M 0 0 2 7 8 6 3 11 12 1 4 0 4 3 0 17 18 C 19 S 20 2					
Remarks					
T R A M W A Y W W T P					
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved	
67 [] [] [] 69	70 3	71 N	72 N	73 [] []	74 75 [] [] [] [] [] [] 80

Section B: Facility Data

Name and Location of Facility Inspected <i>(For industrial users discharging to POTW, also include POTW name and NPDES permit number)</i> Sandia Peak Tramway Company, near Tramway and Paseo del Norte, in Albuquerque, Bernalillo County, NM.	Entry Time /Date 0915 hours / 4-30-2014	Permit Effective Date 10-1-2010
	Exit Time/Date 1200 hours / 4-30-2014	Permit Expiration Date 9-30-2015
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mr. Randy Adair, Manager, Sandia Peak Utility Company (505) 856-6419	Other Facility Data N. 35° 11' 29" W. -106° 28' 45"	
Name, Address of Responsible Official/Title/Phone and Fax Number Mr. Louis Abruzzo, President, Sandia Peak Tramway Company 10 Tramway Loop NE, Albuquerque, NM 87122 (505) 856-1532	Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> *	SIC 4952

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	S	Operations & Maintenance	N	CSO/SSO
M	Records/Reports	S	Self-Monitoring Program	S	Sludge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
S	Effluent/Receiving Waters	M	Laboratory	N	Storm Water	N	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

1. Please see report for further details.

Name(s) and Signature(s) of Inspector(s) Sarah Holcomb /s/ Sarah Holcomb	Agency/Office/Telephone/Fax 505-827-2798	Date 5-7-2014
Signature of Management QA Reviewer Bruce Yurdin /s/ Bruce Yurdin	Agency/Office/Phone and Fax Numbers 505-827-2795	Date 5-7-2014

SECTION A - PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS
DETAILS:

S M U NA (FURTHER EXPLANATION ATTACHED NO)

1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE

Y N NA

2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES

Y N NA

3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT

Y N NA

4. ALL DISCHARGES ARE PERMITTED

Y N NA

SECTION B - RECORDKEEPING AND REPORTING EVALUATION

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT.
DETAILS:

S M U NA (FURTHER EXPLANATION ATTACHED YES)

1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs.

Y N NA

2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE.

S M U NA

a) DATES, TIME(S) AND LOCATION(S) OF SAMPLING

Y N NA

b) NAME OF INDIVIDUAL PERFORMING SAMPLING

Y N NA

c) ANALYTICAL METHODS AND TECHNIQUES.

Y N NA

d) RESULTS OF ANALYSES AND CALIBRATIONS.

Y N NA

e) DATES AND TIMES OF ANALYSES.

Y N NA

f) NAME OF PERSON(S) PERFORMING ANALYSES.

Y N NA

3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE.

S M U NA

4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR.

S M U NA

5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA.

Y N NA

SECTION C - OPERATIONS AND MAINTENANCE

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED.
DETAILS:

S M U NA (FURTHER EXPLANATION ATTACHED NO)

1. TREATMENT UNITS PROPERLY OPERATED.

S M U NA

2. TREATMENT UNITS PROPERLY MAINTAINED.

S M U NA

3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED.

S M U NA

4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE.

S M U NA

5. ALL NEEDED TREATMENT UNITS IN SERVICE

S M U NA

6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED.

S M U NA

7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED.

S M U NA

8. OPERATION AND MAINTENANCE MANUAL AVAILABLE.
STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED.
PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED.

Y N NA

Y N NA

Y N NA

SECTION C - OPERATIONS AND MAINTENANCE (CONT'D)

9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR? Y N NA
 IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED? Y N NA
 HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS? Y N NA

10. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT? Y N NA
 IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT? Y N NA

SECTION D - SELF-MONITORING

PERMITTEE SELF-MONITORING MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED YES).
 DETAILS:

1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT. Y N NA

2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES. Y N NA

3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT. Y N NA

4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT. Y N NA

5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT. Y N NA

6. SAMPLE COLLECTION PROCEDURES ADEQUATE Y N NA

a) SAMPLES REFRIGERATED DURING COMPOSITING. Y N NA

b) PROPER PRESERVATION TECHNIQUES USED. Y N NA

c) CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136.3. Y N NA

7. IF MONITORING AND ANALYSES ARE PERFORMED MORE OFTEN THAN REQUIRED BY PERMIT, ARE THE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT? Y N NA

SECTION E - FLOW MEASUREMENT

PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED NO).
 DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. Y N NA
 TYPE OF DEVICE Flume with Ultrasonic transmitter & Yokogawa DX106 Recorder

2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED. Y N NA

3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED. Y N NA

4. CALIBRATION FREQUENCY ADEQUATE. Y N NA
 RECORDS MAINTAINED OF CALIBRATION PROCEDURES. Y N NA
 CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE. Y N NA

5. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE. Y N NA

6. HEAD MEASURED AT PROPER LOCATION. Y N NA

7. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES. Y N NA

SECTION F - LABORATORY

PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED YES).
 DETAILS:

1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES) Y N NA

SECTION F - LABORATORY (CONT'D)2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED Y N NA3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. S M U NA4. QUALITY CONTROL PROCEDURES ADEQUATE. S M U NA5. DUPLICATE SAMPLES ARE ANALYZED. 10 % OF THE TIME. Y N NA6. SPIKED SAMPLES ARE ANALYZED. % OF THE TIME. Y N NA7. COMMERCIAL LABORATORY USED. Y N NA

LAB NAME _____ Hall Environmental Laboratory

LAB ADDRESS _____ 4901 Hawkins NE, ABO, NM 87109

PARAMETERS PERFORMED _____ BOD, TSS, E. coli

SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001	None	None	None	None	None	Clear	

RECEIVING WATER OBSERVATIONS

SECTION H - SLUDGE DISPOSALSLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)
DETAILS:1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY. S M U NA2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503. S M U NA

3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: Trucked to ABCWUA Reclamation Facility (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)

SECTION I - SAMPLING INSPECTION PROCEDURES (FURTHER EXPLANATION ATTACHED NO.)1. SAMPLES OBTAINED THIS INSPECTION. Y N NA

2. TYPE OF SAMPLE OBTAINED

GRAB _____ COMPOSITE SAMPLE _____ METHOD _____ FREQUENCY _____

3. SAMPLES PRESERVED. Y N NA4. FLOW PROPORTIONED SAMPLES OBTAINED. Y N NA5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE. Y N NA6. SAMPLE REPRESENTATIVE OF VOLUME AND MATURE OF DISCHARGE. Y N NA7. SAMPLE SPLIT WITH PERMITTEE. Y N NA8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED. Y N NA9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT. Y N NA

Sandia Peak Tramway Company WWTP
NPDES Permit No. NM0027863
Compliance Evaluation Inspection
April 30, 2014

Further Explanations

Introduction

On April 30, 2014, Sarah Holcomb, accompanied by Shelly Lemon, of the New Mexico Environment Department (NMED), Surface Water Quality Bureau (SWQB) conducted a Compliance Evaluation Inspection (CEI) at the Sandia Peak Tramway Company Wastewater Treatment Plant (WWTP) in Albuquerque, Bernalillo County, New Mexico.

Sandia Peak WWTP is classified as a minor industrial discharger under the federal Clean Water Act, Section 402, of the National Pollutant Discharge Elimination System (NPDES) permit program. It is assigned NPDES permit number NM0027863. The facility's design flow is 0.0075 MGD (million gallons per day). The facility discharges into the Canon de Domingo Baca, thence to Arroyo de Domingo Baca, thence to the Rio Grande in Segment 20.6.4.105 NMAC (*State of New Mexico Standards for Interstate and Intrastate Surface Waters*) of the Rio Grande Basin. Canon de Domingo Baca is considered an intermittent water, classified under 20.6.4.98 NMAC. Designated uses of segment 20.6.4.98 NMAC are livestock watering, wildlife habitat, marginal warmwater aquatic life and primary contact.

The NMED performs a certain number of CEIs each year for the U.S. Environmental Protection Agency (USEPA), Region VI. The purpose of this inspection is to provide the USEPA with information to evaluate the Permittee's compliance with the NPDES permit. This inspection report is based on information provided by the Permittee's representatives, observations made by the NMED inspector, and records and reports kept by the Permittee and/or NMED.

The Sandia Peak Tramway was constructed in 1966, and is a 2.7 mile scenic tramway that travels an elevation jump of approximately 4,000 feet. It consists of the base welcome center/ticketing office, the tramway to the crest of the Sandia Mountains, and a visitor center and restaurant at the peak. The WWTP, which was built in 1993, accepts wastewater from the restrooms in the visitor center and restaurant, as well as the wastewater flow from the kitchen. The restaurant does employ a grease trap to control grease contributions to the WWTP.

Upon arrival at approximately 0915 hours on the day of this inspection, the inspector made introductions, explained the purpose of the inspection and presented her credentials to Mr. Randy Adair, Manager, Sandia Peak Utility Company. The inspectors and Mr. Adair traveled to the peak, and toured the facility. At the end of the tour, the inspectors and Mr. Adair traveled down to the base and the main office, and conducted an exit interview to discuss preliminary findings. Mr. Adair was present, along with Mr. Mitch White, operator, and the meeting concluded at approximately 1200 hours.

Treatment Scheme

The facility was shut down for maintenance and did not discharge from April 2 to April 29, 2014. During this maintenance period, significant repairs were made to the facility, including a new transfer switch, modifying the exhaust pipe (to prevent birds from nesting in the prior horizontal pipe), conducted maintenance on the generator (fluid changes), and applied an epoxy coating to the influent wet well.

Wastewater from the top terminal building and restaurant flows by gravity to the wastewater treatment plant located approximately 200 yards from the restaurant area. The restaurant does have a grease trap which collects the fats, oil and grease from the wastewater prior to sending the flow to the WWTP. The grease trap is checked every day and cleaned as needed. Enzymes are also added to the system to encourage the breakdown of grease buildup. According to the permittee's representative, a local plumbing company also flushes the lines annually.

At the WWTP, the influent enters a wet well containing a 150 gpm submersible pump. Liquid level sensors in the wet well determine when the pump lifts the wastewater to the aeration basin.

Wastewater is lifted to the aeration basin of the sequencing batch reactor (SBR) treatment system. The SBR unit runs off an automated timer and discharges approximately every 12 hours. The cycles used in the SBR include filling, aeration, settling and decant. The aeration basin also contains an optical dissolved oxygen meter, which controls the aeration process. DO is kept between 0.5 and 2.0 mg/L. Decant occurs through a vacuum based mechanism that employs piping approximately 18 inches long. The mechanism extends into clear water, below the surface of the water level, thereby avoiding the discharge of floating foam or solids.

Water is decanted from the SBR unit, then enters an ultraviolet disinfection unit. The bulbs and sleeves of the UV system are changed annually. From the UV system, a pipe leads the effluent to the discharge point. The outfall pipe emerges on the side of a cliff, where it flows into Canon de Domingo Baca.

Sludge

Sludge is pumped from the aeration basin to an aerated sludge digester. When the basin becomes relatively full, a septage hauler is called and the contents are pumped into the truck and removed to the Albuquerque Bernalillo County Water Utility Authority's Southside Water Reclamation Facility. Removal occurs an average of two times per year. A log is kept of the amount of sludge removed.

Further Explanations

Note: The sections are arranged according to the format of the enclosed EPA Inspection Checklist (Form 3560-3), rather than being ranked in order of importance.

Section B – Recordkeeping and Reporting Evaluation – Overall Rating of “Marginal”

The permit states in Part III.C.2:

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

The EPA Region 6 Reporting Requirements Handbook, Part H.2 states:

...Always be sure to use the flow measurement determined on the day when sampling was done.

Findings for Recordkeeping and Reporting:

Please refer to the calculation check located in the latter part of this inspection report. Generally calculations were accurately reflected on the facility’s DMRs, however, for the month on February, the loading value for BOD was incorrect, and was under-reported.

Section F – Laboratory Evaluation – Overall Rating of “Marginal”

The permit states in Part III.C.5.b:

Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in the permit or approved by the Regional Administrator.

40 CFR Part 136.3 states:

28. Hydrogen ion (pH), pH units	Electrometric measurement		4500-H ⁺ B-2000	D1293-99 (A or B)	973.41, ³ I-1586-85. ²
	Automated electrode	150.2 (Dec. 1982) ¹			See footnote, ²¹ I-2587-85. ²

EPA Method 150.2 states:

7.0 Calibration

7.1 Immersion type electrodes easily removed from mounting.

7.1.1 The electrode should be calibrated at a minimum of two points that bracket the expected pH of the water/waste and are approximately three pH units or more apart.

7.1.2 Repeat calibration adjustments on successive portions of the two buffer solutions until readings are within ± 0.05 pH units of the buffer value. If calibration problems occur, see 4.3.

7.1.3 Because of the wide variety of instruments available, no detailed operating instructions are provided. Instead, the analyst should refer to the particular manufacturer's instructions.

7.1.4 Calibration against two buffers should be carried out at least daily. If the pH of the fluid being measured fluctuates considerably, the calibration should be carried out more often. Calibration frequencies may be relaxed if historical data supports a longer period between calibration.

7.2 Immersion type electrodes not easily removed from mounting.

7.2.1 Collect a grab sample of the flowing material from a point as close to the electrode as possible. Measure the pH of this grab sample as quickly as possible with a laboratory - type pH meter. Adjust the calibration control of the continuous monitor to the reading obtained.

7.2.2 The temperature and condition of the grab sample must remain constant until its pH has been measured by the laboratory pH meter. The temperature of the sample should be measured and the temperature compensator of the laboratory pH meter adjusted.

7.2.3 The laboratory - type pH meter should be calibrated prior to use against two buffers as outlined in 7.1.

7.2.4 The continuous pH monitoring system should be initially calibrated against two buffers as outlined in 7.1 before being placed into service. Recalibration (every 30 days) at two points is recommended if at all possible to ensure the measuring electrode is in working order. If this is not possible, the use of electrode testing features for a broken or malfunctioning electrode should be considered when purchasing the equipment.

7.2.5 The indirect calibration should be carried out at least once a day. If the pH of the fluid being measured fluctuates considerably, the calibration should be carried out more often. Calibration frequencies may be relaxed if historical data support a longer period between calibration.

7.2.6 If the electrode can be removed from the system, but with difficulty, it should be directly calibrated as in 7.1 at least once a month.

Findings for Laboratory:

According to the permittee's representative, the only analytical procedure conducted on site in the laboratory is the pH test. During the inspection, the permittee's representative indicated that calibrations are performed by calibrating the points of 4.0 and 7.0 buffers, and then checking with the 10.0 buffer, as standard procedure. Because the pH meter is permanently mounted to the wall of the facility, calibration occurs once per month, which is acceptable practice according to the method. EPA Method 150.2, under 40 CFR Part 136, requires, as shown above, that the expected pH value is bracketed during the calibration phase. Therefore, if the expected pH of the sample is 7.5 SU (which is what is generally expected for this facility), the calibration should be conducted with the 7.0 and 10.0 buffers, and then checked with the 4.0 buffer. The permittee's representative indicated that their procedure would be changed immediately.

Discharge Monitoring Report Calculation Check

The DMR calculation check was conducted for the parameters of BOD, TSS and *E. coli* for the months of February and March 2014.

✓ = in agreement with calculation result submitted on facility's NetDMR.

BOD

<u>Date</u>	<u>BOD Result</u>
2-3-2014	3.3 mg/L

<u>Date</u>	<u>Flow rate</u>
2-3-2014	0.0016 MGD

Loading:

February's 30-day average: $3.3 \text{ mg/L} \times 8.34 \times 0.0016 \text{ mgd} = 0.04404 \text{ lbs/day}$ (reported as 0.033 lbs/day)

February's 7-day average = 0.04404 lbs/day (This was reported as 0.033 lbs/day)

Concentration:

February's 30-day average = 3.3 mg/L (this was reported as 3.3 mg/L) ✓

February's 7-day average = 3.3 mg/L (This was reported as 3.3 mg/L) ✓

TSS

<u>Date</u>	<u>TSS Result</u>
2-3-2014	16.0 mg/L

<u>Date</u>	<u>Flow rate</u>
2-3-2014	0.0016 MGD

Loading:

February's 30-day average: $16 \text{ mg/L} \times 8.34 \times 0.0016 \text{ mgd} = 0.2135 \text{ lbs/day}$ (This was reported as 0.214 lbs/day) ✓

February's 7-day average = 0.214 lbs/day (This was reported as 0.214 lbs/day) ✓

Concentration:

February's 30-day average = 16 mg/L (this was reported as 16 mg/L) ✓

February's 7-day average = 16 mg/L (This was reported as 16 mg/L) ✓

E. coli

<u>Date</u>	<u>E. coli Result</u>
2-3-2014	1 cfu/100 mls

February's 30-day geomean : 1 cfu/100 mls (This was reported as 1 cfu/100 mls) ✓

February's daily max: 1 cfu/100 mls (This was reported as 1 cfu/100 mls) ✓

BOD

<u>Date</u>	<u>BOD Result</u>
3-3-2014	3.2 mg/L

<u>Date</u>	<u>Flow rate</u>
3-3-2014	0.0010 MGD

Loading:

March's 30-day average: $3.2 \text{ mg/L} \times 8.34 \times 0.0010 \text{ mgd} = 0.026688 \text{ lbs/day}$ (reported as 0.027 lbs/day) ✓

March's 7-day average = 0.027 lbs/day (This was reported as 0.027 lbs/day) ✓

Concentration:

March's 30-day average = 3.2 mg/L (this was reported as 3.2 mg/L) ✓

February's 7-day average = 3.2 mg/L (This was reported as 3.2 mg/L) ✓

TSS

<u>Date</u>	<u>TSS Result</u>
3-3-2014	27.0 mg/L

<u>Date</u>	<u>Flow rate</u>
3-3-2014	0.0010 MGD

Loading:

March's 30-day average: $27 \text{ mg/L} \times 8.34 \times 0.0010 \text{ mgd} = 0.22518 \text{ lbs/day}$ (This was reported as 0.225 lbs/day) ✓

March's 7-day average = 0.225 lbs/day (This was reported as 0.225 lbs/day) ✓

Concentration:

March's 30-day average = 27 mg/L (this was reported as 27 mg/L) ✓

March's 7-day average = 27 mg/L (This was reported as 27 mg/L) ✓

E. coli

<u>Date</u>	<u>E. coli Result</u>
3-3-2014	1011.2 cfu/100 mls

March's 30-day geomean : 1011.2 cfu/100 mls (This was reported as 1011.2 cfu/100 mls) ✓

February's daily max: 1011.2 cfu/100 mls (This was reported as 1011.2 cfu/100 mls) ✓

NMED/SWQB

Official Photograph Log

Photo # 1

Photographer: Sarah Holcomb	Date: 4-30-2014	Time: 1034 hours
City/County: Albuquerque, Bernalillo County		
Location: Sandia Peak WWTP at the Sandia Crest.		
Subject: Effluent pulled from the discharge basin. This picture is included since the outfall cannot be observed.		

