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NEW MEXICO ENVIRONMENT DEPARTMENT

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RYAN FLYNN
Cabinet Secretary
BUTCH TONGATE
Deputy Secretary

Certified Mail - Return Receipt Requested

February 16, 2016

The Honorable Bob Wilson, Mayor
Village of Jemez Springs
Post Office Box 269
Jemez Springs, New Mexico 87025

Re: Village of Jemez Springs Wastewater Treatment Plant; Minor; Individual Permit; SIC 4952; Compliance Evaluation Inspection; NPDES Permit NM0028011; January 19, 2016

Dear Mayor Wilson:

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:

Racquel Douglas
US Environmental Protection Agency, Region VI
Enforcement Branch (6EN)
1445 Ross Avenue Point
Dallas, Texas 75202-2733

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

Village of Jemez WWTP

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February 16, 2016

If you have any questions about this inspection report, please contact Daniel Valenta at (505) 827-2575 or at daniel.valenta@state.nm.us.

Sincerely,

/s/Bruce 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, USEPA (6EN-WM) by e-mail
Brent Larsen, USEPA (6WQ) by e-mail
Racquel Douglas, USEPA (6EN-WM) by e-mail
Gladys Gooden-Jackson, USEPA (6EN-WC) by e-mail
NMED District I, William Chavez by e-mail

SECTION A - PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS S M U NA (FURTHER EXPLANATION ATTACHED No)

DETAILS:

- 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. S M U NA (FURTHER EXPLANATION ATTACHED Yes)

DETAILS: **See further explanations.**

- 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. S M U NA (FURTHER EXPLANATION ATTACHED no)

DETAILS:

- 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. **Call out system turned off. Daily site visit.** 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. Y N NA
 STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED. Y N NA
 PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED. 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 no).
 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

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 no).
 DETAILS:

Only pH is measured at facility.

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)

Only pH measurements are taken at the facility.

2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED Y N NA

3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. S M U NA

4. QUALITY CONTROL PROCEDURES ADEQUATE. S M U NA

5. DUPLICATE SAMPLES ARE ANALYZED. 0 % OF THE TIME. **No duplicate samples taken.** Y N NA

6. SPIKED SAMPLES ARE ANALYZED. % OF THE TIME. Y N NA

7. COMMERCIAL LABORATORY USED. Y N NA

LAB NAME Hall Environmental Analysis Laboratory, Inc.

LAB ADDRESS 4901 Hawkins NE, Albuquerque, NM 87109

PARAMETERS PERFORMED BOD, TSS, E coil, WET Test

SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS.

S M U NA (FURTHER EXPLANATION ATTACHED see photo 3.)

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001	No discharge observed						

RECEIVING WATER OBSERVATIONS: Facility discharges into a channel covered with grass & weeds.

SECTION H - SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)

DETAILS: **When needed septic hauler picks up sludge.**

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY. S M U NA

2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503. S M U NA

3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: _____ (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)

SECTION I - SAMPLING INSPECTION PROCEDURES (FURTHER EXPLANATION ATTACHED).

1. SAMPLES OBTAINED THIS INSPECTION. **No samples obtained during inspection.** Y N NA

2. TYPE OF SAMPLE OBTAINED
 GRAB _____ COMPOSITE SAMPLE METHOD _____ FREQUENCY _____

3. SAMPLES PRESERVED. Y N NA

4. FLOW PROPORTIONED SAMPLES OBTAINED. Y N NA

5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE. Y N NA

6. SAMPLE REPRESENTATIVE OF VOLUME AND MATURE OF DISCHARGE. Y N NA

7. SAMPLE SPLIT WITH PERMITTEE. Y N NA

8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED. Y N NA

9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT. Y N NA

**Compliance Evaluation Inspection
Village of Jemez Springs
NPDES Permit No. NM0028011**

Introduction

A Compliance Evaluation Inspection (CEI) was conducted at the Village of Jemez Springs Wastewater Treatment Plant (WWTP), located in Jemez Springs, New Mexico on January 19, 2016 by Mr. Daniel Valenta and Ms. Rachel Jankowitz, of the State of New Mexico Environment Department (NMED), Surface Water Quality Bureau (SWQB). This facility is classified as a minor discharger under the federal Clean Water Act (CWA), Section 402. The facility is at present operating under an expired permit while the new permit was prepared and issued. The new permit becomes effective on March 1, 2016. This inspection was based on the requirements found in the expired permit.

This facility is regulated under the National Pollutant Discharge Elimination System (NPDES) permit program, and is assigned NPDES permit number NM0028011. The facility design flow is 0.075 million gallons per day (MGD). The Standard Industrial Classification Code (SIC) is 4952. The facility discharges into the Jemez River in water quality segment 20.6.4.107, thence to Water Quality Segment 20.5.4.106 of the Rio Grande Basin (*State of New Mexico Standards for Interstate and Intrastate Surface Waters*). Designated uses of Water Quality Segment 20.6.4.107 are coldwater aquatic life, primary contact, irrigation, livestock watering, and wildlife habitat.

Mr. Valenta and Ms. Jankowitz arrived at the Village of Jemez Springs City Hall at approximately 1310 hours. Ms. Lupita De Herrera, Clerk/Treasurer contacted the WWTP operator, Ms. Karen Nalezny. The inspector made introductions, presented his credentials, and discussed the purpose of the inspection with Ms. Nalezny at the WWTP. An exit interview to discuss preliminary findings of the inspection was conducted at the Village of Jemez Springs City Hall with Mayor Robert Wilson, and Ms. Karen Nalezny.

The NMED performs a specific number of CEI's annually for the United States Environmental Protection Agency (USEPA). The purpose of this inspection is to provide the USEPA with information to evaluate the permittee's compliance with their NPDES permit. The enclosed inspection report is based on verbal information supplied by the permittee's representatives, observations made by the NMED inspector, and a review of records maintained by the permittee, commercial laboratories, and/or NMED. Findings of the inspection are detailed on the attached EPA form 3560-3 and in the narrative Further Explanations section of the report.

Treatment Scheme

The Village of Jemez Springs is a sequencing batch reactor system which works in steps to biologically degrade the influent. The reaction basin operates sequentially as an aeration basin, sedimentation basin and decantation basin. There are two basins available at this facility for treatment. A third basin is used as a sludge digester. However, only one reaction basin is currently being used due to the greatly reduced influent flow. The facility has a design capacity of 0.075 MGD, the average influent flow to the facility is roughly 0.025 MGD.

**Compliance Evaluation Inspection
Village of Jemez Springs
NPDES Permit No. NM0028011**

Influent flow enters the facility through the collection system via gravity. At present there is no primary treatment at this facility. It would be beneficial for the facility to invest in a bar screen and a grit chamber that would remove large solids and inorganic particles prior to biological treatment.

Influent is then transferred to the SBR basin in which treatment begins. Treatment occurs during a three step cycle. Each step of the cycle can be controlled manually or by the computer, which allows the operator to change the settings to increase treatment needs. The first step is an aeration period. Fine bubble diffusers are utilized in the basin for aeration. The second step is settling. Solids settle and leave a clear supernatant on top. Thirdly, the supernatant is decanted and is sent to the Ultraviolet system for disinfection prior to being discharged through a Parshall flume with a secondary staff gauge.

The effluent proceeds through a pipe into a cemented lined rectangular weir which leads to the Jemez River. This is a direct discharge facility.

Sludge:

Sludge is pumped from the SBR basin to be delivered to the Albuquerque Southside Reclamation Facility. The sewage is removed from the basin on an as needed basis, based on the function of the plant.

Further Explanations:

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

The permit requires, in Part I, Schedule of Compliance, Section B:

*The permittee shall achieve compliance with the **Total Nitrogen and Total Phosphorus** effluent limitations specified for discharges in accordance with the following schedule:*

<u>ACTIVITY</u>	<u>DATE OF COMPLETION</u>
<i>Commence Construction</i>	<i>30 months after permit start date</i>
<i>Complete Construction</i>	<i>42 months after permit start date Achieve</i>
<i>Final Effluent Limitations</i>	<i>48 months after permit start date</i>

- a. *The permittee shall submit a progress report outlining the status of the activities during the months of January, April, July, and October until compliance is achieved as stated above.*

- b. *No later than 14 calendar days following the date for compliance for **Total Nitrogen and Total Phosphorus**, the permittee shall submit a written notice of compliance or noncompliance.*

**Compliance Evaluation Inspection
Village of Jemez Springs
NPDES Permit No. NM0028011**

- c. *Where the project completion reported is less than would be required to assure completion of construction by the required date, the report of progress shall also include an explanation for this delay and proposed remedial actions.*

Finding: No progress reports have been received as required by the above 30 month deadline. No progress reports were received as required by the 42 month deadline. No progress reports have been received as required by the 48 month deadline. No written notices of compliance or noncompliance have been received during the permit period, September 1, 2010 to August 31, 2015.

The permit requires, in Part I, Pollution Prevention Req. Section D:

The permittee shall institute a program within 12 months of the effective date of the permit (or continue an existing one) directed towards optimizing the efficiency and extending the useful life of the facility. The permittee shall consider the following items in the program:

- a. *The influent loadings, flow and design capacity;*
- b. *The effluent quality and plant performance;*
- c. *The age and expected life of the wastewater Treatment facility's equipment;*
- d. *Bypasses and overflows of the tributary sewerage system and treatment works;*
- e. *New developments at the facility;*
- f. *Operator certification and training plans and status;*
- g. *The financial status of the facility;*
- h. *Preventative maintenance programs and equipment conditions*
- i. *An overall evaluation of conditions at the facility.*

Finding: No Pollution Prevention Requirement program is in place per the above requirement.

Section G –Effluent/Receiving Waters –Overall Rating of “Unsatisfactory”

The permit requires, in Part I, Section A. Limitations and Monitoring Requirements 1:

(See attached permit requirements, attachment 1.)

(See attached permit exceedences, attachment 2.)

**Compliance Evaluation Inspection
Village of Jemez Springs
NPDES Permit No. NM0028011**

Finding: The first 4 years of the September 1, 2010 permit required only reporting the total nitrate nitrogen and the total phosphorus. Starting September 1, 2014 permit limits have been active. Due to the above non reporting it cannot be determined if any actions have been taken to bring the facility into compliance.

1. September 2015 exceeded Nitrate Total.
September 2015 exceeded Phosphorus Total.
2. August 2015 exceeded Phosphorus Total.
3. May 2015 exceeded Phosphorus Total.
4. February 2015 exceeded Nitrate Total.
September 2015 exceeded Phosphorus Total.
5. January 2015 exceeded Nitrate Total.
6. December 2014 exceeded Nitrate Total.
December 2014 exceeded Phosphorus Total.
7. December 2014 exceeded Nitrate Total.
December 2014 exceeded Phosphorus Total.
8. November 2014 exceeded Nitrate Total.
November 2014 exceeded Phosphorus Total.
November 2014 exceeded E-coli.
9. October 2014 exceeded Phosphorus Total.

**NMED/SWQB
Official Photograph Log**

Photo # 1

Photographer: Daniel Valenta	Date: January 19, 2016	Time: 1320 hours
City/County: Village of Jemez Springs/Sandoval		
Location: Village of Jemez Springs Wastewater Treatment Plant.		
Subject: Influent flows into a lift station below the plant. This is the only screening for rags and other materials. From here it is pumped to the aeration basin.		



**NMED/SWQB
Official Photograph Log**

Photo # 2

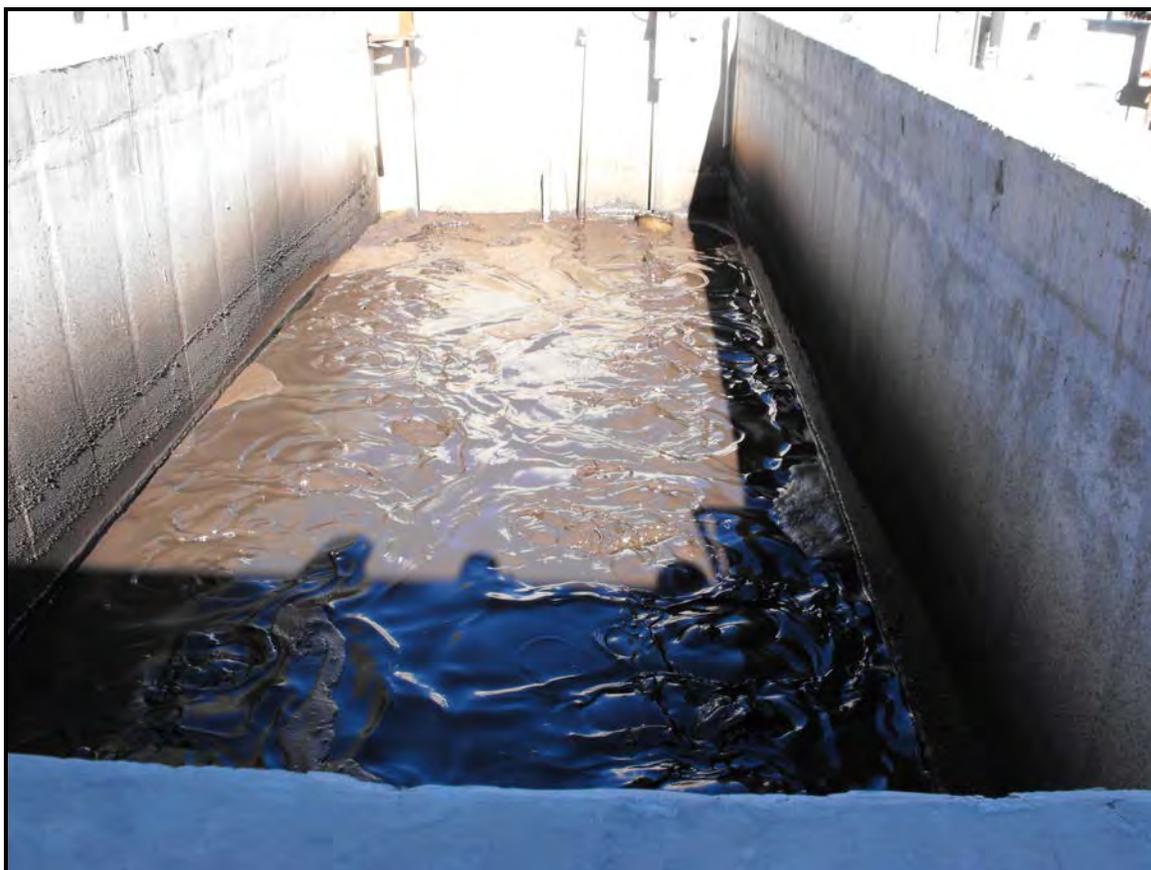
Photographer: Daniel Valenta	Date: January 19, 2016	Time: 1331 hours
City/County: Village of Jemez Springs/Sandoval		
Location: Village of Jemez Springs Wastewater Treatment Plant.		
Subject: Aeration basin in the settling phase.		



**NMED/SWQB
Official Photograph Log**

Photo # 3

Photographer: Daniel Valenta	Date: January 19, 2016	Time: 1332 hours
City/County: Village of Jemez Springs/Sandoval		
Location: Village of Jemez Springs Wastewater Treatment Plant.		
Subject: Solids digester basin, when needed solids are pumped and taken to a landfill.		



**NMED/SWQB
Official Photograph Log**

Photo # 4

Photographer: Daniel Valenta	Date: January 19, 2016	Time: 1333 hours
City/County: Village of Jemez Springs/Sandoval		
Location: Village of Jemez Springs Wastewater Treatment Plant.		
Subject: Due to the reduced influent flow one aeration basin is inactive.		



**NMED/SWQB
Official Photograph Log**

Photo # 5

Photographer: Daniel Valenta	Date: January 19, 2016	Time: 1345 hours
City/County: Village of Jemez Springs/Sandoval		
Location: Village of Jemez Springs Wastewater Treatment Plant.		
Subject: Effluent channel with Ultrasonic Flow Meter and backup gauge.		



Attachment 1

PART I – REQUIREMENTS FOR NPDES PERMITS

SECTION A. LIMITATIONS AND MONITORING REQUIREMENTS

1. FINAL Effluent Limits – 0.075 MGD Design Flow

During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge treated wastewater to the Jemez River, in Segment Number 20.6.4.107, from Outfall 001. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
		Standard Units			
POLLUTANT	STORET CODE	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	00400	6.6	8.8	Five/Week (*10)	Grab

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS						MONITORING REQUIREMENTS	
		lbs/day, unless noted			mg/l, unless noted (*1)				
POLLUTANT	STORET CODE	30-DAY AVG	DAILY MAX	7-DAY AVG	30-DAY AVG	DAILY MAX	7-DAY AVG	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	50050	Report MGD	Report MGD	Report MGD	***	***	***	Continuous	Totalizing Meter
Biochemical Oxygen Demand, 5-day	00310	11.3	N/A	14.1	30	N/A	45	Once/Month	Grab
Total Suspended Solids	00530	11.3	N/A	14.1	30	N/A	45	Once/Month	Grab
E. Coli Bacteria	51040	N/A	N/A	N/A	126 (*2)	410 (*2)	N/A	Once/Month	Grab
Nitrate Nitrogen, Total as N (*8)	00620	Report	N/A	N/A	N/A	Report	N/A	Once/Month	Grab
Nitrate Nitrogen, Total as N (*9)	00620	Report	2.97	N/A	N/A	4.75	N/A	Two/Month (*3)	Grab
Phosphorus, Total (*8)	00665	Report	N/A	N/A	N/A	Report	N/A	Once/Month	Grab
Phosphorus, Total (*9)	00665	Report	0.626	N/A	N/A	1.0	N/A	Two/Month (*3)	Grab
Arsenic, Total	01002	Report	N/A	N/A	Report	N/A	N/A	Once/Two-Months	Grab
Boron, Total	01022	Report	N/A	N/A	Report	N/A	N/A	Once/Two-Months	Grab
Total Residual Chlorine	50060	N/A	N/A	N/A	N/A	19 ug/l	N/A	Daily (*4)	Instantaneous Grab (*4)

EFFLUENT CHARACTERISTICS	DISCHARGE MONITORING		MONITORING REQUIREMENTS	
	30-DAY AVG MINIMUM	48-HR MINIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
Whole Effluent Toxicity Testing (48 Hr. Static Renewal) (*5)				
Daphnia pulex	Report	Report	Once/Term (*6, 7)	Grab
Pimephales promelas	Report	Report	Once/Term (*6, 7)	Grab

Footnotes:

- *1 See **Appendix A of Part II** of the permit for the required Minimum Quantification Level.
- *2 Colony forming units (cfu) per 100 ml.
- *3 The first sample event of any reporting period shall be at least 7-days from the second sample event of the previous reporting period. The second sample event of any reporting period shall be at least 10-days from the first sample event of the same reporting period.
- *4 The maximum total residual chlorine (TRC) shall be monitored by instantaneous grab sample once per day ONLY when using chlorine for EITHER bacteria control in the effluent OR when chlorine is being used in any of the wastewater treatment systems for cleaning and/or filamentous bacteria control in the settling basins. Prior to final disposal, the effluent shall contain NO MEASURABLE TRC at any time. NO MEASURABLE will be defined as no detectable concentration of TRC as determined by any approved method established in 40 CFR 136. If during the term of this permit the minimum quantification level for TRC becomes less than 19 ug/l, then 19 ug/l shall become the effluent limitation. The effluent limitation for TRC is the instantaneous maximum and cannot be averaged for reporting purposes.
- *5 Monitoring and reporting requirements begin on the effective date of this permit. See Part II, Whole Effluent Toxicity Testing Requirements for additional WET monitoring and reporting conditions.
- *6 Once per permit term. This permit does not establish requirements to automatically increase the WET testing frequency after a test failure, or to begin a toxicity reduction evaluation (TRE) in the event of multiple test failures. However, upon failure of any WET test, the permittee must report the test results to EPA and NMED, Surface Water Quality Bureau, in writing, within 5-business days of notification the test failure. EPA and NMED will review the test results and determine the appropriate action necessary, if any. (See Part II, Section D).
- *7 Sampling for the whole effluent toxicity test shall occur between the first period between November 1 and April 30, after the permit effective date.
- *8 Beginning on the effective date of this permit and lasting through one-day prior to four-years after the permit effective date.
- *9 Effective on the fourth-year after the permit effective date and lasting until the expiration date of this permit
- *10 Samples taken on different days of each week.

DMR Copy of Record

Permit #: NM0028011	Permittee: JEMEZ SPRINGS, VILLAGE OF	Facility: JEMEZ SPRINGS, VILLAGE OF
Major: No	Permittee Address: P O BOX 289 JEMEZ SPRINGS, NM 87025-0289	Facility Location: HIGHWAY 4, APPROX. 2 MI. SO OF JEMEZ SPRINGS, NM 87025
Permitted Feature: 001 External Outfall	Discharge: 001-A TREATED WASTEWATER TO JEMEZ RIVER	

Report Dates & Status	Monitoring Period: From 05/01/15 to 05/31/15	DMR Due Date: 07/28/15	Status: Not DMR Validated
Considerations for Form Completion			

Principal Executive Officer	First Name: robert	Title: mayor	Telephone: 575-829-3540
	Last Name: wilson		
No Data Indicator (NODI)			

5/1/15
5/31/15

Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Units				Qualifier 3	Value 3	Units		
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	-	Sample	=	0.4	26 - lb/d		<	2		<	2	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.	<=	11.3 30DA AVG	26 - lb/d		<=	14.17 DA AVG	26 - lb/d		<=	30 30DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI													
00400	pH	1 - Effluent Gross	0	-	Sample	=	6.9			=	7.1		=	7.1	12 - SU	05WK - Five Per Week	GR - GRAB	
					Permit Req.	>=	6.6 MINIMUM			<=	8.8 MAXIMUM			12 - SU	05WK - Five Per Week	GR - GRAB		
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	=	0.8	26 - lb/d		<	4		<	4	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.	<=	11.3 30DA AVG	26 - lb/d		<=	14.17 DA AVG	26 - lb/d		<=	30 30DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI													
00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	-	Sample	=	0.4	26 - lb/d				=	2.1	19 - mg/L	02/DM - Twice Every Month	GR - GRAB		
					Permit Req.		Req Mon 30DA AVG	26 - lb/d		<=	2.97 DAILY MX	26 - lb/d		<=	4.75 DAILY MX	19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Value NODI													
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample	=	0.2	26 - lb/d				=	1.18	19 - mg/L	02/DM - Twice Every Month	GR - GRAB		
					Permit Req.		Req Mon 30DA AVG	26 - lb/d		<=	6.26 DAILY MX	26 - lb/d		<=	1 DAILY MX	19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Value NODI													
01002	Arsenic, total [as As]	1 - Effluent Gross	0	-	Sample			26 - lb/d						19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB		
					Permit Req.		Req Mon 30DA AVG	26 - lb/d						Req Mon 30DA AVG				
					Value NODI		9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period				
01022	Boron, total [as B]	1 - Effluent Gross	0	-	Sample			26 - lb/d						19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB		
					Permit Req.		Req Mon 30DA AVG	26 - lb/d						Req Mon 30DA AVG				
					Value NODI		9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample				=	0.024		=	0.025	03 - MGD	99/99 - Continuous	TM - TOTALZ		
					Permit Req.									Req Mon 30DA AVG				
					Value NODI									Req Mon 7 DA AVG				
50080	Chlorine, total residual	A - Disinfection, Process Complete	0	-	Sample									28 - ug/L	01/01 - Daily	GR - GRAB		
					Permit Req.									<=	19 INST MAX			
					Value NODI										8 - Other (See Comments)			
					Sample				=	1		=	1	32 - CFU/100mL	01/30 - Monthly	GR - GRAB		
					Permit									32 -				

DMR Copy of Record

Permit #: NM0028011 **Permittee:** JEMEZ SPRINGS, VILLAGE OF **Facility:** JEMEZ SPRINGS, VILLAGE OF
Major: No **Permittee Address:** P.O. BOX 269 **Facility Location:** HIGHWAY 4, APPROX. 2 MI. SO. OF JEMEZ SPRINGS (SECTION 34) JEMEZ SPRINGS, NM 87025
Permitted Feature: 001 External Outfall **Discharge:** 001-A TREATED WASTEWATER TO JEMEZ RIVER
Report Dates & Status
Monitoring Period: From 02/01/15 to 02/28/15 **DMR Due Date:** 04/28/15 **Status:** NotDMR Validated
Considerations for Form Completion

Principal Executive Officer
First Name: robert **Title:** mayor **Telephone:** 575-829-3540
Last Name: wilson
No Data Indicator (NODI)
Form NODI: -

2/11/15
2/28/15

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1				Value 1	Qualifier 3	Value 3	Units
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	-	Sample = 0.3		= 0.3	26 - lb/d			< 2		< 2		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req. <= 11.3 30DA AVG		<= 14.1 7 DA AVG	26 - lb/d			<= 30 30DA AVG		<= 45 7 DA AVG		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI												
00400	pH	1 - Effluent Gross	0	-	Sample =		= 6.8				= 7		= 7		12 - SU	05WK - Five Per Week	GR - GRAB
					Permit Req. >= 6.8 MINIMUM						<= 8.8 MAXIMUM				12 - SU	05WK - Five Per Week	GR - GRAB
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample = 0.6		= 0.6	26 - lb/d			< 4		< 4		19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req. <= 11.3 30DA AVG		<= 14.1 7 DA AVG	26 - lb/d			<= 30 30DA AVG		<= 45 7 DA AVG		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI												
X 00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	-	Sample = 1.5		= 1.6	26 - lb/d					= 9.5		19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Permit Req. Req Mon 30DA AVG <= 2.97 DAILY MX			26 - lb/d					= 4.75 DAILY MX		19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Value NODI								<= 1.5		19 - mg/L	02/DM - Twice Every Month	GR - GRAB
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample = 0.25		= 0.26	26 - lb/d					= 1.5		19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Permit Req. Req Mon 30DA AVG <= 625 DAILY MX			26 - lb/d					<= 1 DAILY MX		19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Value NODI												
01002	Arsenic, total [as As]	1 - Effluent Gross	0	-	Sample = 0.01		= 0.057	26 - lb/d			= 0.057				19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req. Req Mon 30DA AVG			26 - lb/d			Req Mon 30DA AVG				19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB
					Value NODI												
01022	Boron, total [as B]	1 - Effluent Gross	0	-	Sample = 0.4		= 2.5	26 - lb/d			= 2.5				19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB
					Permit Req. Req Mon 30DA AVG			26 - lb/d			Req Mon 30DA AVG				19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB
					Value NODI												
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample = 0.02		= 0.022				= 0.022		= 0.028		03 - MGD	99/99 - Continuous	TM - TOTALZ
					Permit Req. Req Mon 30DA AVG						Req Mon 7 DA AVG		Req Mon DAILY MX		03 - MGD	99/99 - Continuous	TM - TOTALZ
					Value NODI												
50060	Chlorine, total residual	A - Disinfection, Process Complete	0	-	Sample								<= 19 INST MAX		28 - ug/L	01/01 - Daily	GR - GRAB
					Permit Req.								<= 8 - Other (See Comments)				
					Value NODI												
51040	E. coli	1 - Effluent Gross	0	-	Sample = 1		= 1				= 1				32 - CFU/100mL	01/30 - Monthly	GR - GRAB
					Permit Req. <= 126 30AVGEO						<= 410 DAILY MX				32 - CFU/100mL	01/30 - Monthly	GR - GRAB
					Value NODI												

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00665	Phosphorus, total [as P]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments
 *NO CHLORINE USED
Attachments
 No attachments.
 Report Last Saved By

DMR Copy of Record

Permit
 Permit #: NM0028011
 Major: No
 Permitted Feature: 001 External Outfall

Permittee: JEMEZ SPRINGS, VILLAGE OF
 Permittee Address: P.O. BOX 289 JEMEZ SPRINGS, NM 87025-0289
 Discharge: 001-A TREATED WASTEWATER TO JEMEZ RIVER

Facility: JEMEZ SPRINGS, VILLAGE OF
 Facility Location: HIGHWAY 4, APPROX. 2 MI. SO. OF JEMEZ SPRINGS, NM 87025

Report Dates & Status
 Monitoring Period: From 12/01/14 to 12/31/14
 DMR Due Date: 01/28/15
 Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer
 First Name: robert
 Last Name: wilson
 Title: mayor
 Telephone: 575-829-3988

No Data Indicator (NODI) Form NODI: -

Handwritten: 12/11/14
Handwritten: 12/31/14

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1					Qualifier 2	Value 2
00310	BOD, 5-day, 20 deg C	1 - Effluent Gross	0	-	Sample = 0.3	=	0.2	26 - t/d		<	2	<	2	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req. <= 11.3 30DA AVG	<=	14.17 DA AVG	26 - t/d		<=	30 30DA AVG	<=	45.7 DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI											
00400	pH	1 - Effluent Gross	0	-	Sample = 6.8	=	7.1			>=	6.6 MINIMUM	<=	8.8 MAXIMUM	12 - SU	05/WK - Five Per Week	GR - GRAB
					Permit Req. >= 6.6 MINIMUM									12 - SU	05/WK - Five Per Week	GR - GRAB
					Value NODI											
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample = 0.7	=	0.5	26 - t/d		<	4	<	4	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req. <= 11.3 30DA AVG	<=	14.17 DA AVG	26 - t/d		<=	30 30DA AVG	<=	45.7 DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI											
X 00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	-	Sample = 0.8	=	0.9	26 - t/d		=	5.7	=	4.75 DAILY MX	19 - mg/L	01/DM - Once Per Monthly Discharge	GR - GRAB
					Permit Req. Req Mon 30DA AVG <= 2.97 DAILY MX	<=	26 - t/d			<=	4.75 DAILY MX			19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Value NODI											
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample = 0.5	=	0.4	26 - t/d		=	2.8	=	1 DAILY MX	19 - mg/L	01/DM - Once Per Monthly Discharge	GR - GRAB
					Permit Req. Req Mon 30DA AVG <= .626 DAILY MX	<=	26 - t/d			<=	1 DAILY MX			19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Value NODI											
01002	Arsenic, total [as As]	1 - Effluent Gross	0	-	Sample = 0.025	=		26 - t/d		=	0.14	=		19 - mg/L	01/80 - Once Every 2 Months	GR - GRAB
					Permit Req. Req Mon 30DA AVG			26 - t/d			Req Mon 30DA AVG			19 - mg/L	01/80 - Once Every 2 Months	GR - GRAB
					Value NODI											
01022	Boron, total [as B]	1 - Effluent Gross	0	-	Sample = 0.3	=		26 - t/d		=	2	=		19 - mg/L	01/80 - Once Every 2 Months	GR - GRAB
					Permit Req. Req Mon 30DA AVG			26 - t/d			Req Mon 30DA AVG			19 - mg/L	01/80 - Once Every 2 Months	GR - GRAB
					Value NODI											
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample = 0.022	=	0.02			=	0.025	=		03 - MGD	99/99 - Continuous	TM - TOTALZ
					Permit Req. Req Mon 30DA AVG						Req Mon 7 DA AVG			03 - MGD	99/99 - Continuous	TM - TOTALZ
					Value NODI						Req Mon DAILY MX					
50080	Chlorine, total residual	A - Disinfection, Process Complete	0	-	Sample									19 INST MAX	01/01 - Daily	GR - GRAB
					Permit Req.									5 - Other (See Comments)		
					Value NODI											
51040	E. coli	1 - Effluent Gross	0	-	Sample					=	4.1	=	4.1	32 - CFU/100mL	01/30 - Monthly	GR - GRAB
					Permit Req. <= 128 30DAVGE0	<=				<=	410 DAILY MX	<=		32 - CFU/100mL	01/30 - Monthly	GR - GRAB
					Value NODI											

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00665	Phosphorus, total [as P]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments
 *no chlorine used *lab cancelled 2nd nitrogen phosphorus sample

Attachments
 No attachments.

Report Last Saved By
 JEMEZ SPRINGS, VILLAGE OF

DMR Copy of Record

Permit #: NM0028011	Permittee: JEMEZ SPRINGS, VILLAGE OF	Facility: JEMEZ SPRINGS, VILLAGE OF
Major: No	Permittee Address: P O BOX 269 JEMEZ SPRINGS, NM 87025-0269	Facility Location: HIGHWAY 4, APPROX. 2 MI. SO. OF JEMEZ SPRINGS, NM 87025
Permitted Feature: 001 External Outfall	Discharge: 001-A TREATED WASTEWATER TO JEMEZ RIVER	

Report Dates & Status	Monitoring Period: From 11/01/14 to 11/30/14	DMR Due Date: 01/28/15	Status: NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name: robert	Title: mayor	Telephone: 575-829-3540
Last Name: wilson		

No Data Indicator (NODI)

11/1/14
11/30/14

Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type									
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Units				Qualifier 3	Value 3	Units						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	-	Sample	=	0.5		=	0.5	26 - lb/d	=	3.2		=	3.2	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.	<=	11.3 30DA AVG		<=	14.1 7 DA AVG	26 - lb/d	<=	30 30DA AVG		<=	45.7 DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Value NODI																	
00400	pH	1 - Effluent Gross	0	-	Sample	=			=	6.8		=	7.1		=	7.1	12 - SU	05WK - Five Per Week	GR - GRAB			
					Permit Req.				>=	6.8 MINIMUM		<=	8.8 MAXIMUM		<=	8.8 MAXIMUM	12 - SU	05WK - Five Per Week	GR - GRAB			
					Value NODI																	
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	=	1.4		=	1.4	26 - lb/d	=	8		=	8	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Permit Req.	<=	11.3 30DA AVG		<=	14.1 7 DA AVG	26 - lb/d	<=	30 30DA AVG		<=	45.7 DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Value NODI																	
X 00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	-	Sample	=	2		=	1.4	26 - lb/d	=	10.9		=	10.9	19 - mg/L	02/DM - Twice Every Month	GR - GRAB			
					Permit Req.		Req Mon 30DA AVG		<=	2.97 DAILY MX	26 - lb/d	<=	4.75 DAILY MX		<=	4.75 DAILY MX	19 - mg/L	02/DM - Twice Every Month	GR - GRAB			
					Value NODI																	
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample	=	0.2		=	0.2	26 - lb/d	=	1.3		=	1.3	19 - mg/L	02/DM - Twice Every Month	GR - GRAB			
					Permit Req.		Req Mon 30DA AVG		<=	.626 DAILY MX	26 - lb/d	<=	1 DAILY MX		<=	1 DAILY MX	19 - mg/L	02/DM - Twice Every Month	GR - GRAB			
					Value NODI																	
01002	Arsenic, total [as As]	1 - Effluent Gross	0	-	Sample												19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB			
					Permit Req.		Req Mon 30DA AVG			26 - lb/d			Req Mon 30DA AVG									
					Value NODI		9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period									
01022	Boron, total [as B]	1 - Effluent Gross	0	-	Sample												19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB			
					Permit Req.		Req Mon 30DA AVG			26 - lb/d			Req Mon 30DA AVG									
					Value NODI		9 - Conditional Monitoring - Not Required This Period						9 - Conditional Monitoring - Not Required This Period									
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample				=	0.022		=	0.025		=	0.029	03 - MGD	99/99 - Continuous	TM - TOTALZ			
					Permit Req.								Req Mon 30DA AVG						Req Mon DAILY MX	03 - MGD	99/99 - Continuous	TM - TOTALZ
					Value NODI																	
50080	Chlorine, total residual	A - Disinfection, Process Complete	0	-	Sample																	
					Permit Req.																	
					Value NODI																	
					Sample				=	141.4		=	141.4		=	141.4	3Z - CFU/100mL	01/30 - Monthly	GR - GRAB			
					Permit																	

E-coli
↓

DMR Copy of Record

Permit							
Permit #:	NM0028011	Permittee:	JEMEZ SPRINGS, VILLAGE OF	Facility:	JEMEZ SPRINGS, VILLAGE OF		
Major:	No	Permittee Address:	P O BOX 289 JEMEZ SPRINGS, NM 87025-0289	Facility Location:	HIGHWAY 4, APPROX. 2 MI. SO. OF JEMEZ SPRINGS, NM 87025		
Permitted Feature:	001 External Outfall	Discharge:	001-A TREATED WASTEWATER TO JEMEZ RIVER				

Report Dates & Status							
Monitoring Period:	From 10/01/14 to 10/31/14	DMR Due Date:	01/28/15	Status:	NotDMR Validated		
Considerations for Form Completion							

Principal Executive Officer							
First Name:	robert	Title:	mayor	Telephone:	575-829-3540		
Last Name:	wilson						

No Data Indicator (NODI) Form NODI: -

10/1/14
10/31/14

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	-	Sample	=	0.4	=	0.36	26 - lb/d	<	2	<	2	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	11.3 30DA AVG	<=	14.1 7 DA AVG	26 - lb/d	<=	30 30DA AVG	<=	45 7 DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI												
00400	pH	1 - Effluent Gross	0	-	Sample	=	6.8	=	7.1	12 - SU	=	7.1	=	7.1	12 - SU	05/WK - Five Per Week	GR - GRAB
					Permit Req.	>=	6.6 MINIMUM			<=	8.8 MAXIMUM	12 - SU	05/WK - Five Per Week	GR - GRAB			
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	=	0.8	=	0.7	26 - lb/d	<	2	<	4	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	11.3 30DA AVG	<=	14.1 7 DA AVG	26 - lb/d	<=	30 30DA AVG	<=	45 7 DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI												
X 00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	-	Sample	=	1.5	=	1.5	26 - lb/d	=	7.6	=	7.6	19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Permit Req.		Req Mon 30DA AVG	<=	2.97 DAILY MX	26 - lb/d	<=	4.75 DAILY MX	19 - mg/L	02/DM - Twice Every Month	GR - GRAB		
					Value NODI												
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample	=	0.26	=	0.26	26 - lb/d	=	1.3	=	1.3	19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Permit Req.		Req Mon 30DA AVG	<=	626 DAILY MX	26 - lb/d	<=	1 DAILY MX	19 - mg/L	02/DM - Twice Every Month	GR - GRAB		
					Value NODI												
01002	Arsenic, total [as As]	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG		26 - lb/d			Req Mon 30DA AVG		19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB	
					Permit Req.		9 - Conditional Monitoring - Not Required This Period					9 - Conditional Monitoring - Not Required This Period					
					Value NODI												
01022	Boron, total [as B]	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG		26 - lb/d			Req Mon 30DA AVG		19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB	
					Permit Req.		9 - Conditional Monitoring - Not Required This Period					9 - Conditional Monitoring - Not Required This Period					
					Value NODI												
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample			=	0.024	=	0.026	=	0.03	03 - MGD	99/99 - Continuous	TM - TOTALZ	
					Permit Req.				Req Mon 30DA AVG		Req Mon 7 DA AVG		Req Mon DAILY MX	03 - MGD	99/99 - Continuous	TM - TOTALZ	
					Value NODI												
50060	Chlorine, total residual	A - Disinfection, Process Complete	0	-	Sample							<=	19 INST MAX	28 - ug/L	01/01 - Daily	GR - GRAB	
					Permit Req.							<=	8 - Other (See Comments)				
					Value NODI												
					Sample			=	6.3	=	6.3	=	6.3	3Z - CFU/100mL	01/30 - Monthly	GR - GRAB	
					Permit									3Z -			

DMR Copy of Record

Permit	Permit #: NM0028011	Permittee: JEMEZ SPRINGS, VILLAGE OF	Facility: JEMEZ SPRINGS, VILLAGE OF
	Major: No	Permittee Address: P.O. BOX 269 JEMEZ SPRINGS, NM 87025-0269	Facility Location: HIGHWAY 4, APPROX. 2 MI. SO. OF JEMEZ SPRINGS (SECTION 34) JEMEZ SPRINGS, NM 87025
	Permitted Feature: 001 External Outfall	Discharge: 001-A TREATED WASTEWATER TO JEMEZ RIVER	

Report Dates & Status	Monitoring Period: From 09/01/14 to 09/30/14	DMR Due Date: 10/28/14	Status: NetDMR Validated
Considerations for Form Completion			

Principal Executive Officer	First Name: Robert	Title: Mayor	Telephone: 575-829-3540
	Last Name: Wilson		

No Data Indicator (NODI) -
Form NODI: -

9/1/14
9/30/14

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration				# of Etc.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	-	Sample	=	0.4	=	0.4	26 - lb/d	<	2	<	2	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req. Value NODI	<=	11.3 30DA AVG	<=	14.1 7 DA AVG	26 - lb/d	<=	30 30DA AVG	<=	45 7 DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
					Sample	=	6.68	=	7.17	12 - SU	05/WK - Five Per Week	GR - GRAB					
00400	pH	1 - Effluent Gross	0	-	Permit Req. Value NODI	>=	6.6 MINIMUM	<=	8 8 MAXIMUM	12 - SU	05/WK - Five Per Week	GR - GRAB					
					Sample	=	6.68	=	7.17	12 - SU	05/WK - Five Per Week	GR - GRAB					
					Sample	=	0.8	=	0.8	26 - lb/d	<	4	<	4	19 - mg/L	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Permit Req. Value NODI	<=	11.3 30DA AVG	<=	14.1 7 DA AVG	26 - lb/d	<=	30 30DA AVG	<=	45 7 DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
					Sample	=	0.88	=	0.88	26 - lb/d	=	3.4	=	3.4	19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Permit Req. Value NODI	<=	Req Mon 30DA AVG	<=	2.97 DAILY MX	26 - lb/d	<=	4.75 DAILY MX	19 - mg/L	02/DM - Twice Every Month	GR - GRAB		
X 00655	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample	=	0.27	=	0.27	26 - lb/d	=	1.2	=	1.2	19 - mg/L	02/DM - Twice Every Month	GR - GRAB
					Permit Req. Value NODI	<=	Req Mon 30DA AVG	<=	628 DAILY MX	26 - lb/d	<=	1 DAILY MX	19 - mg/L	02/DM - Twice Every Month	GR - GRAB		
					Sample	=	0.025	=	0.027	03 - MGD	99/99 - Continuous	TM - TOTALZ					
01002	Arsenic, total [as As]	1 - Effluent Gross	0	-	Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	26 - lb/d	Req Mon 30DA AVG	19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB						
					Sample	=	0.025	=	0.027	03 - MGD	99/99 - Continuous	TM - TOTALZ					
					Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	26 - lb/d	Req Mon 30DA AVG	19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB						
01022	Boron, total [as B]	1 - Effluent Gross	0	-	Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	26 - lb/d	Req Mon 30DA AVG	19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB						
					Sample	=	0.025	=	0.027	03 - MGD	99/99 - Continuous	TM - TOTALZ					
					Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	26 - lb/d	Req Mon 30DA AVG	19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB						
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	=	0.025	=	0.027	03 - MGD	99/99 - Continuous	TM - TOTALZ					
					Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	26 - lb/d	Req Mon 30DA AVG	19 - mg/L	01/60 - Once Every 2 Months	GR - GRAB						
					Sample	=	0.025	=	0.027	03 - MGD	99/99 - Continuous	TM - TOTALZ					
50060	Chlorine, total residual	A - Disinfection, Process Complete	0	-	Permit Req. Value NODI	<=	19 INST MAX	<=	8 - Other (See Comments)	28 - ug/L	01/01 - Daily	GR - GRAB					
					Sample	=	25.6	=	25.6	32 - CFU/100mL	01/30 - Monthly	GR - GRAB					
					Sample	=	25.6	=	25.6	32 - CFU/100mL	01/30 - Monthly	GR - GRAB					