



REGION 6

DALLAS, TX 75270

March 25, 2025

TRANSMITTED VIA EMAIL

The Honorable Michael Nealeigh
Mayor, Village of Jemez Springs
P.O. Box 269
Jemez Springs, NM 87025
mike.nealeigh@jemezsprings-nm.gov

Re: Administrative Order; Docket Number: CWA-06-2025-1732
NPDES Permit Number: NM0028011

Dear Mayor Nealeigh:

Enclosed is an Administrative Order (AO) issued to the Village of Jemez Springs for violation of the Clean Water Act (CWA), (33 U.S.C. § 1251 et seq.). Violations were identified during a review of the permit file and discharge monitoring reports submitted for the Village of Jemez Springs Wastewater Treatment Plant to the Environmental Protection Agency, Region 6 (EPA). The violations alleged are for failure to meet permit effluent limits and properly maintaining the sanitary sewer collection system.

This AO does not assess a monetary penalty; however, it does require compliance with applicable federal regulations and the incorporated schedule of compliance in Paragraph 18. The EPA is committed to ensuring compliance with the requirements of the National Pollutant Discharge Elimination System (NPDES) program and my staff will assist you in any way possible. Please reference AO Docket Number CWA-06-2025-1732 and NPDES Permit Number NM0028011 on your response.

If you have any questions, please contact Ms. Rachel Matthews, of my staff, at (214) 665-8589 or at matthews.rachel@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Cheryl T. Seager".

Digitally signed by CHERYL
SEAGER
Date: 2025.03.25 10:09:38
-05'00'

Cheryl T. Seager, Director
Enforcement and
Compliance Assurance Division

Enclosure

e.c. Ms. Shelly Lemon
NMED Water Bureau Chief
shelly.lemon@env.nm.gov

Ms. Susan LucasKamat
NMED Surface Water Quality Bureau
susan.lucaskamat@env.nm.gov



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 6
FINDINGS OF VIOLATION AND COMPLIANCE ORDER
Docket Number: CWA-06-2025-1732; Permit Number: NM0028011

STATUTORY AUTHORITY

The following findings are made, and Order issued, under the authority vested in the Administrator of the United States Environmental Protection Agency (EPA), by Section 309(a) of the Clean Water Act (herein "the Act"), 33 U.S.C. § 1319(a). The Administrator of EPA has delegated the authority to issue this Order to the Regional Administrator of EPA Region 6, who has further delegated this authority to the Director of the Enforcement and Compliance Assurance Division.

FINDINGS

1. Village of Jemez Springs (Respondent) is a "person," as that term is defined at Section 502(5) of the Act, 33 U.S.C. § 1362(5), and 40 C.F.R. § 122.2.
2. At all times relevant to this Order (all relevant times), the Respondent owned a wastewater treatment plant (WWTP), located at 14609 Highway 4, Sandoval County, NM 87025, New Mexico (facility), and was, therefore, an "owner or operator" within the meaning of 40 C.F.R. § 122.2.
3. At all relevant times, the facility acted as a "point source" of a "discharge" of "pollutants" with its wastewater to the receiving water of Jemez River, which is considered "waters of the United States" within the meaning of Section 502 of the Act, 33 U.S.C. § 1362, and 40 C.F.R. § 122.2.
4. Because Respondent owned or operated a facility that is a point source of discharges of pollutants to waters of the U.S., Respondent and the facility were subject to the Act and the National Pollutant Discharge Elimination System (NPDES) program.
5. Under Section 301 of the Act, 33 U.S.C. § 1311, it is unlawful for any person to discharge any pollutant from a point source to waters of the United States, except with the authorization of, and in compliance with, an NPDES permit issued pursuant to Section 402 of the Act, 33 U.S.C. § 1342.
6. Section 402(a) of the Act, 33 U.S.C. § 1342(a), provides that the Administrator of EPA may issue permits under the NPDES program for the discharge of pollutants from point sources to waters of the United States. Any such discharge is subject to the specific terms and conditions prescribed in the applicable permit.
7. Respondent applied for and was issued NPDES Permit No. NM0028011 (permit) under Section 402 of the Act, 33 U.S.C. § 1342, which became effective on June 1, 2021. At all relevant times, Respondent was authorized to discharge pollutants from the facility to waters of the United States only in compliance with the specific terms and conditions of the permit.
8. Part I.A. of the permit places certain limitations on the quality and quantity of effluent discharged by Respondent. The relevant discharge limitations are specified in Attachment A, which is incorporated herein by reference.
9. The permit also includes "Monitoring and Reporting Requirements" that require Respondent to sample and test its effluent and monitor compliance with permit conditions according to specific procedures, in order to determine the facility's compliance or noncompliance with the permit and applicable regulations.
10. The permit requires Respondent to file certified Discharge Monitoring Reports (DMRs) of the results of monitoring. DMRs filed by Respondent have shown discharges of multiple pollutants that exceeded the effluent limitations in previous years.
11. On August 11, 2022, EPA issued Administrative Order (AO) Docket Number CWA-06-2022-1812, which cited the effluent limit violations that occurred from 1/1/2021 through 6/30/2022. The AO required Respondent to eliminate cited violations or submit a plan to eliminate violations. Respondent submitted a basic plan of action to begin bringing the facility into compliance.
12. On January 30, 2023, Respondent agreed to a plan that was incorporated into Administrative Order, Docket Number CWA-06-2023-1728. All tasks were required to be completed by December 2024.
13. Respondent received multiple extensions to some dates within the AO but ultimately completed all tasks by December 2024. The AO has been closed out.
14. While respondent has moved forward with permit compliance, some violations have not been fully addressed for proper operation and maintenance or long-term sustainable compliance.

15. DMRs filed by Respondent continue to show discharges of pollutants that exceed the effluent limitations. DMRs filed by Respondent showed discharges of multiple pollutants that exceed the effluent limitations for dates 7/1/2022 through 12/31/2024. See Attachment B, which is incorporated herein by reference.

16. Sanitary sewer blockages, back-ups, overflows, and excess inflow/infiltration - all due to improper maintenance of the sanitary sewer collection system - have resulted in raw wastewater discharges to the Jemez River as well as back-ups into private property. See Attachment C, which is incorporated herein by reference.

17. Each violation of the conditions of this permit or regulations described above is a violation of Section 301 of the Act, 33 U.S.C. § 1311.

SECTION 309(a)(3) COMPLIANCE ORDER

18. Based on the foregoing Findings and pursuant to the authority of Section 309(a)(3) of the Act, EPA hereby orders the Respondent to take the following actions:

A. Immediately take all measures as necessary to comply with permit conditions.

B. Respondent shall accomplish the following tasks and comply with the following schedule of activities:

TASK		DUE DATE
1.	Complete cleaning and inspecting the sanitary sewer collection system to find all areas in need of repair or rehabilitation.	July 31, 2025
2.	Install new UV Modules	September 30, 2025
3.	Submit copy of the comprehensive plans for the rehabilitation and/or upgrades, for both the sanitary sewer collection system and the WWTP indicating 30% of the engineering design is complete.	September 30, 2025
4.	Submit copy of the comprehensive plan for the rehabilitation and/or upgrades, for both the sanitary sewer collection system and the WWTP indicating 60% of the engineering design is complete.	December 1, 2025

5.	Submit copy of the comprehensive plan for the rehabilitation and/or upgrades, for both the sanitary sewer collection system and the WWTP indicating 90% of the engineering design is complete.	January 30, 2026
6.	Submit the final engineering design plans for both the sanitary sewer collection system and the WWTP.	February 27, 2026
7.	Begin point repairs in the collection system where a comprehensive rehabilitation is not necessary.	April 15, 2026
8.	Begin comprehensive rehabilitation and/or upgrades, of the WWTP and sanitary sewer collection system.	October 31, 2026
9.	Submit copy of Engineer's Contract Status Report prepared for the NMED Construction Programs Bureau by contracted engineer firm within 5 days of receiving.	Monthly until complete
10.	Complete the comprehensive rehabilitation of the sanitary sewer collect system and WWTP	July 31, 2027
11.	Permanently plug/cap the pipe outlets connected to the drying beds or reroute the drainage back to the WWTP.	July 31, 2027

C. Within thirty (30) days of completing the tasks in "B" above, Respondent shall submit a Project Completion Report with the following information:

- 1) A description of the task implemented, any problems encountered, and the solutions thereto,
- 2) Line-item overall capital improvement costs of the project tasks (including but not limited to cost of treatment unit design, repairs and/or improvements, and sewer segment assessments, repairs and/or upgrades).
- 3) Photographs of project activities, if applicable,
- 4) Final construction reports, if applicable.

D. In the Project Completion Reports, Respondent shall sign and certify under penalty of law, that the information contained in such report is true, accurate, and not misleading by signing the following statement:

I certify under penalty of law that I have examined and am familiar with the information submitted in this document and all its attachments, and that based on my inquiry of those individuals immediately responsible for obtaining information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

E. If Respondent would like to arrange a meeting with EPA to discuss the allegations in Section 309 (a)(3) Compliance Order, Respondent should contact EPA within thirty (30) days of the effective date of this Order. The meeting will be held at the Region 6 offices, 1201 Elm St., Dallas, Texas, or through a virtual platform, as appropriate, and the Respondent can provide any information it believes is relevant to this Order. Respondent shall submit to EPA all information or materials it considers relevant to EPA at least ten (10) days prior to the meeting.

F. To arrange a meeting, or to ask questions or comment on this matter, contact Rachel Matthews at (214) 665-8589.

G. All information, and/or correspondence, shall be electronically submitted to:

Ms. Nancy Williams
williams.nancy@epa.gov
and

Ms. Rachel Matthews
matthew.rachel@epa.gov

GENERAL PROVISIONS

Respondent may seek federal judicial review of this Order pursuant to Chapter 7 of the Administrative Procedure Act, 5 U.S.C. §§ 701-706.

Issuance of this Section 309(a)(3) Compliance Order shall not be deemed an election by EPA to waive any administrative, judicial, civil or criminal action to seek penalties, fines or other relief under the Act for the violations cited herein, or other violations that become known to EPA. EPA reserves the right to seek any remedy available under the law that it deems appropriate.

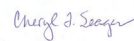
Failure to comply with this Section 309(a)(3) Compliance Order or the Act may result in further administrative action, or a civil judicial action initiated by the United States Department of Justice.

This Order does not constitute a waiver or modification of the terms or conditions of Respondent's NPDES permit, which remain in full force and effect. Compliance with the terms and conditions of this Order does not relieve Respondent of its obligation to comply with any applicable federal, state, or local law or regulation.

The effective date of this Order is the date it is received by the Respondent.

March 25, 2024

Date



Digitally signed by CHERYL
SEAGER
Date: 2025.03.25 13:15:48 -05'00'

Cheryl T. Seager, Director
Enforcement and
Compliance Assurance Division

Attachment A

Docket #

CWA-06-2025-1732

PART I – REQUIREMENTS FOR NPDES PERMITS**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	
	lbs/day, unless noted			mg/l, unless noted				
PARAMETER	30-DAY AVG	7-DAY AVG	DAILY MAX	30-DAY AVG	7-DAY AVG	DAILY MAX	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	Report MGD	Report MGD	Report MGD	***	***	***	Continuous	Totalizing Meter
Biochemical Oxygen Demand, 5-day	11.3	16.9	***	30	45	***	1/Month	Grab (1)
Total Suspended Solids	11.3	16.9	***	30	45	***	1/Month	Grab (1)
Percent Removal BOD ₅	≥85%	***	***	***	***	***	1/Month	Calculation (2)
Percent Removal TSS	≥85%	***	***	***	***	***	1/Month	Calculation (2)
E. Coli Bacteria (4)	3.58 x 10 ⁸ cfu/day	***	***	126	***	410	1/Month	Grab (1)
Nitrogen, Total (7)	2.97	***	***	Report	***	4.75	2/Month	Grab (1)
Phosphorus, Total	0.626	***	***	Report	***	1.0	2/Month	Grab (1)
Arsenic, Dissolved	0.094	***	***	***	***	150 ug/L	1/Month	Grab (1)
Boron, Dissolved	1.34	***	***	***	***	2,150 ug/L	1/Month	Grab (1)
Total Residual Chlorine(9)	***	***	***	***	***	19 ug/l	Daily	Instantaneous Grab (3)
Aluminum Total Recoverable (8)	1.03	N/A	N/A	***	N/A	1,650ug/L	1/Month	Grab (1)

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
		Standard Units			
POLLUTANT	STORET CODE	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	00400	6.6	8.8	5/Week	Instantaneous Grab (3)

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

Footnotes:

- Monitoring must be conducted according to test procedures approved under 40CFR Part 136, unless other test procedures have been specified in this permit or approved by the Regional Administrator.
- Percent removal is calculated using the following equation: $[(\text{average monthly influent concentration} - \text{average monthly effluent concentration}) \div \text{average monthly influent concentration}] \times 100$.
- Instantaneous grab a field measurement that is the analysis of a sample less than 15 minutes from the time of collection only when using chlorine.
- Bacteria reporting units MUST be either cfu/100mL or MPN.
- Once per permit term. This permit does not establish requirements to automatically increase 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).
- Sampling for the whole effluent toxicity test shall occur between the first period between November 1 and April 30, after the permit effective date.
- Total Nitrogen is defined as the sum of Nitrate +Nitrite (N + N), and Total Kjeldahl Nitrogen (TKN). Total Nitrogen is defined as TKN + Nitrites and Nitrates, as found in the TMDL for the Jemez River approved by EPA September 15, 2009.
- Compliance schedule to monitor and report total recoverable aluminum data for the first three years from the effective date of this permit. Please refer to part 1.B. The pollutant shall be tested using EPA approved method as found in CFR 136 table IB, for the determination of total recoverable metals, and as found in 20.6.4.900.2 The criteria is based on analysis of total recoverable aluminum in a sample that is filtered to minimize mineral phases as specified by the New Mexico Environment Department (NMED). The NMED specification for filtration can be found at: <https://www.env.nm.gov/swqb/SOP/documents/82ChemicalSamplingSOP4-11-2016.pdf>. At this website, find chemical sampling in lotic environments part 6.1.4 address total recoverable filtration.

9. 9. The effluent limitation for TRC is the instantaneous maximum and cannot be averaged for reporting purposes. Required when chlorine is used as either backup bacteria control or when disinfection of plant treatment equipment is required.

Attachment B

Docket #

CWA-06-2025-1732

Appendix B - CWA-06-2025-1732

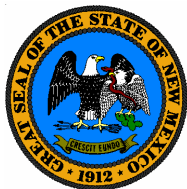
<u>Jemez Springs: NPDES Permit #NM0028011</u>							
<u>Monitoring Period</u>	<u>Parameter</u>	<u>DMR Value</u>	<u>Frequency</u>	<u>Limit Value</u>	<u>Statistical Base</u>	<u>Limit Unit</u>	<u>% Exceedance</u>
7/31/2022	Nitrogen, total [as N]	4.83	Twice per Month	4.75	DAILY MX	Milligrams per Liter	2
7/31/2022	Nitrogen, total [as N]	4.83	Twice per Month	2.97	30DA AVG	Pounds per Day	63
8/31/2022	Nitrogen, total [as N]	11	Twice per Month	4.75	DAILY MX	Milligrams per Liter	132
9/30/2022	Nitrogen, total [as N]	10	Twice per Month	4.75	DAILY MX	Milligrams per Liter	111
9/30/2022	Arsenic, dissolved [as As]	160	Monthly	150	DAILY MX	Micrograms per Liter	7
9/30/2022	Phosphorus, total [as P]	1.4	Twice per Month	1	DAILY MX	Milligrams per Liter	40
10/31/2022	Phosphorus, total [as P]	1.5	Twice per Month	1	DAILY MX	Milligrams per Liter	50
10/31/2022	Arsenic, dissolved [as As]	3.14	Monthly	0.094	30DA AVG	Pounds per Day	3,240
10/31/2022	Boron, dissolved [as B]	411	Monthly	1.34	30DA AVG	Pounds per Day	30,572
1/31/2023	Nitrogen, total [as N]	21	Twice per Month	4.75	DAILY MX	Milligrams per Liter	342
2/28/2023	Arsenic, dissolved [as As]	52	Monthly	0.094	30DA AVG	Pounds per Day	55,219
2/28/2023	Phosphorus, total [as P]	1.2	Twice per Month	1	DAILY MX	Milligrams per Liter	20
2/28/2023	Boron, dissolved [as B]	1800	Monthly	1.34	30DA AVG	Pounds per Day	134,228
2/28/2023	Nitrogen, total [as N]	21	Twice per Month	4.75	DAILY MX	Milligrams per Liter	342
2/28/2023	Nitrogen, total [as N]	3.7	Twice per Month	2.97	30DA AVG	Pounds per Day	25
3/31/2023	Boron, dissolved [as B]	2000	Monthly	1.34	30DA AVG	Pounds per Day	149,154
3/31/2023	Nitrogen, total [as N]	26	Twice per Month	4.75	DAILY MX	Milligrams per Liter	447
3/31/2023	Nitrogen, total [as N]	3.7	Twice per Month	2.97	30DA AVG	Pounds per Day	25
3/31/2023	Arsenic, dissolved [as As]	35	Monthly	0.094	30DA AVG	Pounds per Day	37,134
6/30/2023	Phosphorus, total [as P]	4	Twice per Month	1	DAILY MX	Milligrams per Liter	300
6/30/2023	Nitrogen, total [as N]	3.38	Twice per Month	2.97	30DA AVG	Pounds per Day	14
6/30/2023	Nitrogen, total [as N]	21	Twice per Month	4.75	DAILY MX	Milligrams per Liter	342
7/31/2023	Nitrogen, total [as N]	16	Twice per Month	4.75	DAILY MX	Milligrams per Liter	237
7/31/2023	Phosphorus, total [as P]	5	Twice per Month	1	DAILY MX	Milligrams per Liter	400
7/31/2023	Phosphorus, total [as P]	0.77	Twice per Month	0.626	30DA AVG	Pounds per Day	23
8/31/2023	Nitrogen, total [as N]	3.26	Twice per Month	2.97	30DA AVG	Pounds per Day	10
8/31/2023	Nitrogen, total [as N]	19	Twice per Month	4.75	DAILY MX	Milligrams per Liter	300
8/31/2023	Boron, dissolved [as B]	2200	Monthly	2150	DAILY MX	Micrograms per Liter	2

<u>Monitoring Period</u>	<u>Parameter</u>	<u>DMR Value</u>	<u>Frequency</u>	<u>Limit Value</u>	<u>Statistical Base</u>	<u>Limit Unit</u>	<u>% Exceedance</u>
9/30/2023	Phosphorus, total [as P]	1.9	Twice per Month	1	DAILY MX	Milligrams per Liter	90
9/30/2023	Nitrogen, total [as N]	35	Twice per Month	4.75	DAILY MX	Milligrams per Liter	637
9/30/2023	Nitrogen, total [as N]	4.02	Twice per Month	2.97	30DA AVG	Pounds per Day	35
9/30/2023	E. coli	770	Monthly	410	DAILY MX	Colony Forming Units per	88
10/31/2023	Phosphorus, total [as P]	0.77	Twice per Month	0.626	30DA AVG	Pounds per Day	23
10/31/2023	Nitrogen, total [as N]	7.4	Twice per Month	4.75	DAILY MX	Milligrams per Liter	56
10/31/2023	Phosphorus, total [as P]	4.2	Twice per Month	1	DAILY MX	Milligrams per Liter	320
10/31/2023	Boron, dissolved [as B]	2200	Monthly	2150	DAILY MX	Micrograms per Liter	2
11/30/2023	Nitrogen, total [as N]	20	Twice per Month	4.75	DAILY MX	Milligrams per Liter	321
12/31/2023	Nitrogen, total [as N]	11	Twice per Month	4.75	DAILY MX	Milligrams per Liter	132
1/31/2024	Nitrogen, total [as N]	9	Twice per Month	4.75	DAILY MX	Milligrams per Liter	89
1/31/2024	Boron, dissolved [as B]	2200	Monthly	2150	DAILY MX	Micrograms per Liter	2
3/31/2024	Phosphorus, total [as P]	1.6	Twice per Month	1	DAILY MX	Milligrams per Liter	60
3/31/2024	E. coli	2419	Monthly	126	30DAVGEO	Colony Forming Units per	1,820
3/31/2024	Boron, dissolved [as B]	2300	Monthly	2150	DAILY MX	Micrograms per Liter	7
3/31/2024	E. coli	2419	Monthly	410	DAILY MX	Colony Forming Units per	490
3/31/2024	E. coli	2419	Monthly	358	30DAVGEO	Colony Forming Units	576
3/31/2024	Nitrogen, total [as N]	20	Twice per Month	4.75	DAILY MX	Milligrams per Liter	321
4/30/2024	Nitrogen, total [as N]	4.12	Twice per Month	2.97	30DA AVG	Pounds per Day	39
4/30/2024	Nitrogen, total [as N]	19	Twice per Month	4.75	DAILY MX	Milligrams per Liter	300
5/31/2024	Nitrogen, total [as N]	6.5	Twice per Month	4.75	DAILY MX	Milligrams per Liter	37
7/31/2024	Nitrogen, total [as N]	5.3	Twice per Month	4.75	DAILY MX	Milligrams per Liter	12
8/31/2024	Boron, dissolved [as B]	2300	Monthly	2150	DAILY MX	Micrograms per Liter	7
8/31/2024	E. coli	186	Monthly	126	30DAVGEO	Colony Forming Units per	48
9/30/2024	Nitrogen, total [as N]	7.8	Twice per Month	4.75	DAILY MX	Milligrams per Liter	64
10/31/2024	Phosphorus, total [as P]	1.2	Twice per Month	1	DAILY MX	Milligrams per Liter	20
10/31/2024	Boron, dissolved [as B]	2700	Monthly	2150	DAILY MX	Micrograms per Liter	26
11/30/2024	Boron, dissolved [as B]	2600	Monthly	2150	DAILY MX	Micrograms per Liter	21
11/30/2024	Nitrogen, total [as N]	7.4	Twice per Month	4.75	DAILY MX	Milligrams per Liter	56
12/31/2024	Nitrogen, total [as N]	5.2	Twice per Month	4.75	DAILY MX	Milligrams per Liter	9
12/31/2024	Boron, dissolved [as B]	2800	Monthly	2150	DAILY MX	Micrograms per Liter	30

Attachment C

Docket #

CWA-06-2025-1732



ROGER SWEET
Mayor

DAVID RYAN
Mayor Pro-Tem

VILLAGE OF JEMEZ SPRINGS
Municipal Office

080 Jemez Springs Plaza
PO Box 269, Jemez Springs, NM 87025
Phone (575) 829-3540 • Fax (575) 829-3339
Christina Holder, Clerk/Treasurer
c.holder@jemezsprings-nm.gov
Website: www.jemezsprings-nm.gov



MANOLITO SANCHEZ
Trustee
BOB WILSON
Trustee
MONIQUE ALTON
Trustee

April 12, 2023
Ms. Rachel Matthews
Municipal & Industrial Wastewater Section
U.S. EPA Region 6 (ECDWM)
1201 Elm St. Suite 500
Dallas, TX 75270-2102

**NPDES Permit NM0028011 Catastrophic Failure Village of Jemez Springs
Wastewater Treatment Plant**

NM0028011
Roger Sweet, Mayor, Village of Jemez Springs, New Mexico, 575-829-3504
080 Jemez Plaza, Jemez Springs, NM 87025; Catastrophic Failure Village of Jemez
Springs Wastewater Treatment Plant
12 April 2023

Name and address of the party responsible for the incident; or name of the carrier or
vessel, the railcar/truck number, or other identifying information
Village of Jemez Springs Wastewater Treatment Plant, 14609 NM-4, Jemez Springs, NM
87025; Catastrophic Failure due runoff raising Jemez River water level.

Date and time of the incident
12 April 2023 22 9:54AM on going

Location of the incident
14609 NM-4, Jemez Springs, NM 87025

Source and cause of the release or spill
High runoff of the Jemez River

Types of material(s) released or spilled
Untreated sewage

Quantity of materials released or spilled

On average this time of year approximately, 22,000 to 25,000 gallons of treated effluent is released from JSWWTP. On 12 April 2023, in a 24-hour period, the effluent meter reading noted 330,084 gallons flowed through JSWWTP.

Medium (e.g. land, water) affected by release or spill

Jemez River from mile marker 14 NM State Road 4, south along the river.

Danger or threat posed by the release or spill

Biohazards potentially present in untreated wastewater.

Number and types of injuries or fatalities (if any)

Zero injuries and zero fatalities reported nor observed

Weather conditions at the incident location

High winter runoff in the Jemez River and flood conditions.

Whether an evacuation has occurred

No evacuation occurred.

corrective actions taken

A local drone pilot was contacted to fly along the Jemez River to collect video imagery of the sewer line path from the Forest Service office at mile marker 18.5 down to the Jemez Springs Wastewater Treatment Plant at mile marker 14. Imagery was requested to possibly identify any infiltration locations.

After reviewing imagery, three locations were selected for closer inspection and will be physically inspected on 13 April 2023.

Jemez Pueblo and the Santa Fe National Forest were both contacted the morning of 12 April 2023 to inform them of the situation.

Effluent samples were collected at 1231 for BOD5, TSS, E-coli, Phosphorous, Nitrogen, Boron, Arsenic, and Aluminum. Raw influent samples for BOD5 and TSS were collected at 1237. Both sets of samples were delivered to Hall Laboratories by Mountain Pacific personnel.

The following companies were contacted to mitigate overflow into the river: Atlas Pumping, AAA Pumping, American Pumping, and West 44 Pumping.

Atlas Pumping hauled 6,000 gallons on 12 April and is scheduled to haul 12,000 gallons on 13 April. West 44 10,000 gallons on 12 April and is scheduled to haul 6,000 on 13 April, American Pumping hauled 20,500 gallons and is on standby for 13 April, AAA Pumping is scheduled to haul 12,000 gallons on 13 April. A total of 42,500 gallons was pumped from JSWWTP and hauled to dump sites in Los Lunas, New Mexico.

The effort to mitigate overflow into the river could not keep up with the influent volume. To manage/mitigate overflow based on 330,000

gallons of influent, would require 24-hour coverage with at least 30 loads, at 6,000 gallons per load, staggered to maintain full coverage.

A public notice published on a local Social Media site requesting Village residences to reduce water usage was posted on 12 April 2023.

The river is under flood hazard conditions until 17 April 2023.

Please let me know if there are any questions.

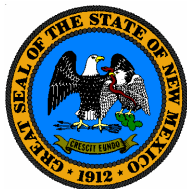
Best Wishes,

A handwritten signature in black ink, appearing to read 'Roger Sweet', with a long horizontal flourish extending to the right.

Roger Sweet

Mayor, Village of Jemez Springs

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



ROGER SWEET
Mayor

DAVID RYAN
Mayor Pro-Tem

VILLAGE OF JEMEZ SPRINGS *Municipal Office*

080 Jemez Springs Plaza
PO Box 269, Jemez Springs, NM 87025
Phone (575) 829-3540 • Fax (575) 829-3339
Heather Gutierrez, Interim Clerk
h.gutierrez@jemezsprings-nm.gov
Website: www.jemezsprings-nm.gov



MANOLITO SANCHEZ
Trustee
BOB WILSON
Trustee
MONIQUE ALTON
Trustee

November 19, 2023

Ms. Rachel Matthews
Water Enforcement Branch
U.S. EPA Region 6
Dallas, TX 75270-2102

NPDES Permit NM0028011 Violation on 18 November 2023

Your name, location, organization, and telephone number
Roger Sweet, Jemez Springs, New Mexico, Village of Jemez Springs Mayor, 575-829-3540

Name and address of the party responsible for the incident; or name of the carrier or vessel, the railcar/truck number, or other identifying information
Village of Jemez Springs Wastewater Treatment Plant, 14609 NM-4, Jemez Springs, NM 87025; Sanitary Sewer Overflow (SSO)

Date and time of the incident
18 November 2023 2:56PM

Location of the incident
040 Abousleman Loop, Jemez Springs, NM 87025

Source and cause of the release or spill
MH48 was occluded with tree growth causing minimal flow and backed up toilets at 040 Jemez Hot Springs. Toilets overflowed and drained into the Jemez River.

Types of material(s) released or spilled
Untreated sewage

Quantity of materials released or spilled
Unknown volume

Medium (e.g. land, water) affected by release or spill
Jemez Hot Springs appeared to be only residence or business affected. The Jemez River, which is used for ceremonial purposes by the Jemez, Zia, and Santa Ana Pueblos; Jemez Pueblo being the closest Pueblo.

Danger or threat posed by the release or spill
Biohazards potentially present in SSO. Volume amount that flowed into the Jemez River is unknown, however, estimated under 50 gallons.

Number and types of injuries or fatalities (if any)
Zero injuries and zero fatalities reported nor observed

Weather conditions at the incident location
Cloudy and light rain.

Whether an evacuation has occurred
No evacuation occurred.

Corrective actions taken

TLC emergency crew contacted. Technicians identified issue at MH48. Occluded with tree growth. Cut away and cleared what they could. TLC scheduled a different crew to be on site Monday 20 November 2023 with crawler machine to further inspect issue. Crawler crew unavailable for emergency work.

Currently grants are being pursued for funding to clean and inspect Jemez Springs Collection System.

Best Wishes,

Roger Sweet
Mayor, Village of Jemez Springs

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MICHAEL NEALEIGH
Mayor

BOB WILSON
Mayor Pro-Tem

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Municipal Office

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MANOLITO SANCHEZ
Trustee
JUDY BOYD
Trustee
MONIQUE ALTON
Trustee

May 29, 2024
Ms. Rachel Matthews
Water Enforcement Branch
U.S. EPA Region 6
Dallas, TX 75270-2102

NPDES Permit NM0028011 Sanitary Sewer Overflow 28 May 2024

NM0028011

Michael Nealeigh, Mayor, Village of Jemez Springs, New Mexico, 575-829-3540
080 Jemez Plaza, Jemez Springs, NM 87025; Sanitary Sewer Overflow (SSO)

Date and time of the incident
28 May 2024 3:09PM.

Location of the incident
In vacant field west of residence 16441 NM-4, Jemez Springs, NM 87025

Source and cause of the release or spill
MH20 occluded and overflowing. Cause of blockage; most likely root growth.

Types of material(s) released or spilled
Untreated sewage

Quantity of materials released or spilled
Unknown volume

Medium (e.g. land, water) affected by release or spill
No raw sewage entered the Jemez River nor the irrigation ditch. Overflow occurred in
vacant field west of 16441 NM-4, Jemez Springs, NM 87025.

Danger or threat posed by the release or spill
Biohazards potentially present in SSO.

Number and types of injuries or fatalities (if any)
Zero injuries and zero fatalities reported nor observed

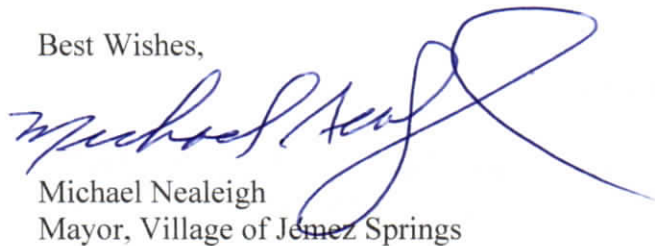
Weather conditions at the incident location
Clear and sunny.

Whether an evacuation has occurred
No evacuation occurred.

Corrective actions taken

Applied 3.5 pounds of Root Be Gone into MH21 to loosen any root growth. Ran jetter through MH19 north to MH20. Line cleared. Good flow observed in MH21. Applied lime to MH20 and ground around. Contacted residence from 16441 NM-4, Jemez Springs, NM 87025. Informed them of SSO.

Best Wishes,

A handwritten signature in blue ink, appearing to read "Michael Nealeigh", with a large, stylized flourish extending to the right.

Michael Nealeigh
Mayor, Village of Jemez Springs

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MICHAEL NEALEIGH
Mayor

BOB WILSON
Mayor Pro-Tem

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MANOLITO SANCHEZ
Trustee
JUDY BOYD
Trustee
JAMES MCCUE
Trustee

February 26, 2025
Ms. Rachel Matthews
Water Enforcement Branch
U.S. EPA Region 6
Dallas, TX 75270-2102

NPDES Permit NM0028011 Violation on 25 February 2025

NM0028011

Michael Nealeigh, Mayor, Village of Jemez Springs, New Mexico, 575-829-3504
080 Jemez Plaza, Jemez Springs, NM 87025; Sanitary Sewer Overflow (SSO)

Date and time of the incident
25 February 2025 1:40 PM

Location of the incident
040 Abousleman Loop, Jemez Springs, NM 87025

Source and cause of the release or spill
MH50 overflowed and spilled on the ground around the area. Toilets at south end of Jemez Hot Springs overflowed; could not find cleanout for toilets to release pressure.

Types of material(s) released or spilled
Untreated sewage

Quantity of materials released or spilled
Pro Pipe estimated unknown amount onto the surrounding ground. Amount that entered Jemez River is estimated between 20 and 40 gallons.

Medium (e.g. land, water) affected by release or spill
Jemez Hot Springs and Jemez River..

Danger or threat posed by the release or spill

Biohazards potentially present in SSO. Volume amount that flowed into the Jemez River is estimated by Pro Piper personnel 20-40 gallons.

Number and types of injuries or fatalities (if any)
Zero injuries and zero fatalities reported nor observed

Weather conditions at the incident location
Clear and sunny.

Whether an evacuation has occurred
No evacuation occurred.

Corrective actions taken

Pro Pipe Professional Pipe Services were on site conducting a scheduled cleaning and inspection of the Village of Jemez Springs collection line. Pro Pipe was on the north end of the Village of Jemez Springs and re-tasked to the SSO area. Coordination with Jemez Electric Cooperative occurred to gain access to manhole 46, south of the SSO (manhole 50). Pro Pipe cleared the line south of the SSO, manholes 46 to manhole 50 then relocated to manhole 51 to continue clearing. Obstructions cleared.

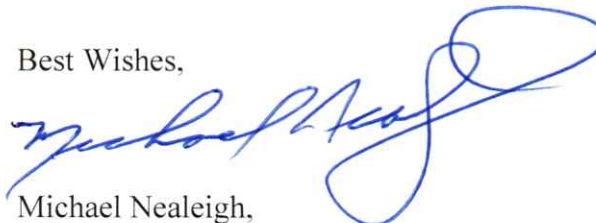
Under the corrective action EPA guidelines, lime was applied to the spilled area on the ground at the Jemez Hot Springs. Application was careful to ensure no lime was put into the Jemez Hot Spring pools.

Jemez Pueblo and Santa Fe National Forest Service personnel were informed of the issue as well as a public announcement on 26 February 2025.

Pro Pipe adjusted their schedule and will clean from manholes 46 to 50 and then from 51 to 50 and run a camera to identify areas of concern. They will then clean/inspect the collection line from manholes 46 – 39.

Please let me know if there are any questions.

Best Wishes,



Michael Nealeigh,
Mayor, Village of Jemez Springs

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