

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	12/23/2024	
Media Program:	Water	
Regulatory Program(s)	CWA	
Company Name:	City of Rio Rancho	
Facility Name:	Rio Rancho WWTP-Lift Station -21	
Facility Physical Location:	{10203 Industry Drive}	
(city, state, zip code)	Rio Rancho, New Mexico 87144	
Mailing address:	3200 Civic City Circle	
(city, state, zip code)	Rio Rancho, New Mexico 87144	
County/Parish:	Sandoval	
Facility Phone Number	505-891-5046	
Facility Contact:	Steve Gallegos	Acting Director Utilities Department
	sgallegos@rrnm.gov	
FRS Number:	110022872346	
Identification/Permit Number:	NM0027987	
Media Identifier Number:	NA	
NAICS:	221320	
SIC:	4952	
Personnel participating in inspection:		
Steve Gallegos	City of Rio Rancho	Acting-Director Utilities Department
Dennis Gonzales	Jacobs (consultant)	Project Manager
Bill Jacquez	Jacobs (consultant)	Compliance Coordinator
Issac Martinez	NMED	Monitoring Team-Scientist
Nafis Fuad	NMED	Compliance/Enforcement Supervisor
David Esparza	EPA-R6/ECDWM	Environmental Engineer
EPA Lead Inspector Signature/Date	DAVID ESPARZA Digitally signed by DAVID ESPARZA Date: 2025.02.10 11:09:11 -07'00'	
	David Esparza	Date
Supervisor Signature/Date	ROBERTO BERNIER Digitally signed by ROBERTO BERNIER Date: 2025.02.11 09:03:54 -06'00'	
	Roberto Bernier	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector David Esparza, P.E., along with Nafis Fuad, Compliance/Enforcement Supervisor and Issac Martinez- Monitoring Team-Scientist of the New Mexico Environment Department (NMED) arrived at the City of Rio Rancho Wastewater Treatment Plant (WWTP) located at 100 Industrial Park Loop NE, Sandoval County, New Mexico at 9:00 AM (MST) on December 23, 2024, for an unannounced inspection with regards to a failure of a force main from Lift Station-21 (LS-21) resulting in a continuous sanitary sewer overflow (SSO) event.

We met with Mr. Steve Gallegos, City of Rio Rancho Acting-Director Utilities Department, Mr. Dennis Gonzales, Project Manager and Mr. Bill Jacquez, Compliance Coordinator, both being from Jacobs Rio Rancho's contract operator.

I presented my credentials and informed the group that this was an EPA inspection to determine compliance under the Clean Water Act (CWA). This inspection was conducted under the authority of the National Pollutant Discharge Elimination System (NPDES) permit program, in accordance with the CWA. The generation of this report is based on information supplied by Rio Rancho representatives, observations made by the EPA inspector, and records and reports maintained by the permittee (Rio Rancho) and the EPA. Before leaving the facility, an exit briefing was held with Mr. Jacquez to explain areas of concern noted at the time of the inspection. **NOTE:** Mr. Gallegos was available by telephone as he had a prior commitment.

FACILITY/SITUATION DESCRIPTION

The 14-inch force main from LS-21 (1650 Riverside Drive), adjacent to WWTP #3 (NPDES permit NM0029602, issued on June 6, 2016, and terminated on March 24, 2021) had ruptured on December 8, 2024, at approximately 7:15 AM (MST). Responding crews constructed unlined earthen berms or impoundments to stop the flow from continuing to enter a nearby arroyo and the Rio Grande located East and down gradient. The December 19, 2024, SSO notification states the estimated event volume was 168,000 gallons, inclusive of the estimated 72,000 gallons that reached the Rio Grande. SSO flows were ceased at approximately 11:00 PM (December 8, 2024) after line repairs were completed. Rio Rancho estimated an impacted land surface area of approximately 97,500 ft². Efforts to mitigate the impacted soils contained in the impoundments, included excavation to a depth of 4-inches (97,500 ft² x 4-inches = 32,500 ft³ (approximately 1,200 yd³) and the spreading of lime (December 9, 2024). The berms or impoundments were removed when remediation efforts were completed on December 13, 2024. The excavated impacted soils were transported to the Rio Rancho WWTP #2 at 100 Industrial Park Loop NE for further disposition. E. coli analytical samples were collected upstream and downstream from where the SSO spill entered the Rio Grande.

Section II – OBSERVATIONS

I observed the following and/or the following information was provided and/or stated:

- Lift Station -21- experienced 14-inch line failure on December 8, 2024. SSO flows were ceased at approximately 11:00 PM (December 8, 2024) after line repairs were completed. SSO flows continued for approximately 15+ hours (approximately 0700 to 2300 hrs.). Backfill was completed at approximately 00:18 AM (December 9, 2024).
- Responding crews constructed earthen berms or impoundments to stop the flow from entering a nearby arroyo and the Rio Grande located East and down gradient. The Rio Rancho December 19, 2024, SSO notification states the estimated event volume was 168,000 gallons, inclusive of the estimated 72,000 gallons that reached the Rio Grande. Rio Rancho estimated an impacted land surface area of approximately 97,500 ft². Efforts to mitigate the impacted soils contained in the impoundments, included excavation to a depth of 4-inches ((97,500 ft² x 4-inches = 32,500 ft³ (approximately 1,200 yd³)) and the spreading of lime (December 9, 2024). The berms or impoundments were removed when remediation efforts were completed on December 13, 2024. The excavated impacted soils were transported to the Rio Rancho WWTP #2 at 100 Industrial Park Loop NE for further disposition. Note: Rio Rancho stated the earthen berms or impoundments were unlined (**Appendix 2 Request for Information- December 26, 2024**).
- The Southern Sandoval County Arroyo Flood Control Authority (SSCAFCA) only requires verbal, or electronic mail (e-mail) notification should an event occur within their jurisdictional boundaries. Additionally, Mr. Edmonson the SSCAFCA Facilities Operations Director, was on site after the initial response and the city, had constructed an earthen berm prior to his arrival during the clean-up or containment efforts.
- The adjacent WWTP #3 (NPDES permit NM0029602, issued on June 6, 2016, and terminated March 24, 2021) was observed to confirm, previous treatment basins were not utilized as equalization (EQ) basins.
- When asked about isolation valves Mr. Gallegos stated “no valves” existed (**Appendix 2 Request for Information- December 26, 2024**).
- A previously provided Rio Rancho spreadsheet for the period of August 2022 through June 2024 indicated SSO events related to LS-10, LS-15, LS-20, LS-22, LS-24, and LS-28. Of significance both LS-15 and LS-22 collect comingled flows and experienced events on August 27, 2022, July 6, 2023, and June 29, 2024, respectively. Of note, during this onsite visit LS-#15, LS-#21, and LS-#22 were observed by EPA and NMED personnel. Additionally, LS-#10 and LS-#24 were visited by NMED and Rio Rancho personnel. In the interest of time, it was decided LS-#28 (the newest LS) and LS- #20, located on the opposite side of the city were not visited.
- Though some of the Lift Stations observed during this December onsite inspection-maintained perimeter fencing various areas of the fencing exhibited damage, others lacked secure site fencing at all, exhibited vagrant vegetive growth, had visible evidence of previous storm event erosion and/or lacked visible flashing lights or audible alarms. Additionally, visible notification signage was lacking.

Section III – AREAS OF CONCERN

The following areas of concern (AOCs) were identified and/or discussed with the City of Rio Rancho:

1. Lift Station -21- experienced 14-inch line failure on December 8, 2024. SSO flows were ceased at approximately 11:00 PM (December 8, 2024) after line repairs were completed. SSO flows continued for approximately 15+ hours (approximately 0700 to 2300 hrs.). Backfill was completed at approximately 00:18 AM (December 9, 2024).
2. Responding crews constructed earthen berms or impoundments to stop the flow from entering a nearby arroyo and the Rio Grande located East and down gradient. The Rio Rancho December 19, 2024, SSO notification states the estimated event volume was 168,000 gallons, inclusive of the estimated 72,000 gallons that reached the Rio Grande. Rio Rancho estimated an impacted land surface area of approximately 97,500 ft². Efforts to mitigate the impacted soils contained in the impoundments, included excavation to a depth of 4-inches ((97,500 ft² x 4-inches = 32,500 ft³ (approximately 1,200 yd³)) and the spreading of lime (December 9, 2024). The berms or impoundments were removed when remediation efforts were completed on December 13, 2024. The excavated impacted soils were transported to the Rio Rancho WWTP #2 at 100 Industrial Park Loop NE for further disposition. Note: Rio Rancho stated the earthen berms or impoundments were unlined (**Appendix 2 Request for Information- December 26, 2024**).
- 3 The requested electronic copy of the Sanitary Sewer Overflow (SSO) event, inspection reports and associated work orders/work sheets related to LS-21 for the previous two (2) years indicates more than 3-dozen Operating and Maintenance (O&M) issues related to pump failure, communications loss, alarm notices and force main piping (**Appendix 5 LS-21 Related Work Activities for the Previous 2-Years**).
- 4 Rio Rancho's January 6, 2025, RFI response states "The overall force main length is approximately 26,000 linear feet. No isolation valves".
- 5 Though some of the Lift Stations observed during this December onsite inspection-maintained perimeter fencing various areas of the fencing exhibited damage, others lacked secure site fencing at all, exhibited vagrant vegetive growth, had visible evidence of previous storm event erosion and/or lacked visible flashing lights or audible alarms. Additionally, visible notification signage was lacking.

EPA Region 6 inspectors David Esparza, PE conducted a closing conference at Rio Rancho WWTP #2 at approximately 3:30 PM on December 26, 2024, for the inspection. During the closing conference, David Esparza reviewed the several Areas of Concern noted during the inspection. Additionally, several AOCs were determined after the conclusion of the inspection and were not included in the closing conference.

Section IV – FOLLOW UP

The following information was received by EPA on January 6, 2025, and January 15, 2025, after the inspection on December 23, 2025, and review of items submitted for the Information Request needed to finalize this report. **Note:** The information/clarification request is in bold:

Request, and Response (Appendix 2 Request for Information- December 26, 2024):

1. **Clarification of the flow paths (comingling) related to LS-8, LS-15, LS-21, and LS-22, inclusive collection line size (diameter), distance between collection points and location of appurtenant isolation valves.**

All Lift Stations in the City of Rio Rancho are designed with two pumps. Each pump is designed to handle maximum peak flows. The lift stations have a low-level alarm, lead pump start, lag pump start/alarm, high level alarm. Lift Station 8 Collects Rivers Edge 1 subdivision and pumps via 6-inch force main to Lift Station 21 Wet Well (approximately 700 to 900 linear feet, As-Built 972 pages 29 thru 31). Lift Station 8 pumps to the Lift Station 21 wet well. Lift Station 21/13 sits adjacent to Wastewater Treatment Plant 3 and the Rio Grande River. Lift Station 21 pumps via 14-inch force main (16,800 linear feet) from Wastewater Treatment Plant 3 to Wastewater Treatment Plant 2 (As- Built 454). Lift Station 22 (Approximately 220 feet of 6-inch PVC) connects to the 14-inch force main (approximately 8,900 linear feet) at Corrales Rd/Lomitas Negras. Lift Station 15 Pumps to a 18-inch HDPE (approximately 4,500 LF) line up to Willow Creek and is reduced to the 14-inch force main. The 14-inch force main runs from Willow Creek and connects to the original 14-inch force main on Riverside Drive. The overall force main length is approximately 26,000 linear feet. No isolation valves. Only valves were for pigging stations. An InsertaValve-Romac Industries is being planned to be place upstream of LS21 to avoid or mitigate any future force main breaks.

2. **Electronic copies of the associated “as-built” drawings related to LS-21.**

As-Built 454 Force Main from Wastewater Treatment Plant 3 to Wastewater Treatment Plant 2.

3. **Clarification/delineation of impacted surface area resulting from the recent LS-21 Sanitary Sewer Overflow (SSO) event.**

See LS_21 Gravity and FM on shared drive (**Appendix 4 LS-21 Gravity- Force Mains and Impacted Area**). The surface area was calculated through google maps, please see attached document (LS_21 Gravity and FM_4). A total area of 3,251 Ft was determined and multiplied by the arroyo size towards the entry into the Rio Grande, 30 Ft. This results in a surface area total of 97,530 Sq Ft.

4. **Clarification of the disposition of the excavated impacted soils associated with the recent LS-21 SSO event.**

The third-party contractor removed approximately 4 inches of soil of the affected area. The soil was disinfected with lime and hauled back WWTP #2 where we will dispose of at the local landfill.

5. **Clarification/confirmation if the on-site impoundments related to the LS-21 SSO event were earthen or poly-membrane lined.**

The on-site impoundments are earthen lined.

- 6. A complete electronic copy of your Sanitary Sewer Overflow (SSO) event, inspection reports and associated work orders/work sheets related to LS-21 for the previous two (2) years.**

Appendix 5 LS-21 Related Work Activities-Previous 2-Years

- 7. A complete electronic copy of your Standard Operating Procedures (SOPs) and clarification how often it is updated, specifically related to SSO events.**

Please see attached SOP. This is updated yearly, we will also add Corrales, Albuquerque Bernalillo Water Utility Authority and the Isleta pueblo to the list for future events or failures.

- 8. An electronic copy of the 30%/60%/90% plan set drawings of the stated upgrades to LS-22.**

I attached the 90 percent drawings along with Huitt-Zollars Letter 10/29/24 (Project R31 on shared drive.). I did not see a 30% or 60% in the project file folder. We can reach out to H-Z to see if they turned any in to the city.

- 9. Clarification of the City of Rio Rancho's Public Works Department versus the Jacobs Engineering Group with respect to the collection system.**

The City of Rio Rancho owns the water, wastewater, and reuse systems. Jacobs/OMI operates the facilities. Jacobs/OMI is responsible for maintaining the wastewater collection system, lift stations, force mains, and wastewater treatment plants by contract.

- 10. Confirmation the Emergency Response Plan (ERP) has been updated consistent with the NPDES permit.**

ERP has been updated to correlate with the NPDES permit and include all personnel.

Request, and Response (Appendix 3 Request for Information- January 13, 2025)

- 11. In reviewing the various documents Rio Rancho submitted regarding the Sanitary Sewer Overflow (SSO) event I request clarification of the time frame. The letter to Ms. Nancy Williams on December 12, 2024, states the event occurred "at approximately 07:14 on Sunday, December 8, 2024". The following is known or stated in the letter:**

- a. A local contractor was called out to repair the line.
- b. The estimated SSO volume was 168,000 gallons and that an estimated volume of 72,000 gallons reached the Rio Grande.
- c. Overflow was ceased on 12-8-2024 at 1111. Is this AM or PM as the "line repair was completed on 12-9-2024 at 0018."
- d. Clarification how the overflow was ceased.

The event occurred at approximately 07:14 AM Sunday December 8, 2024. The line repair was made on the cracked force main on Sunday December 8, 11:11 PM (23:11) which stopped the flow of the sewage. Final backfill was completed on Monday December 9, 2024, at 00:18 AM.

The overflow (cracked force main) ceased when the 14-inch force main was repaired on December 8, 11:11 PM (23:11) 2024.

I wanted to let you know the Lift Station 8 6-inch force main (SSO) broke this last weekend. No sewage reached the river. Jacobs reached out on the contact list and is currently preparing the letter for Ms. Nancy Williams. I believe this is the first break in the 6-inch force main since around the 2005-time frame. The lift station 8 as-built was part of the shared folder.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 16 photos taken 12/23/24

Appendix 2 – Request for Information- December 26, 2024

Appendix 3 – Request for Information- January 13, 2025

Appendix 4 LS-21 Gravity- Force Mains and Impacted Area

Appendix 5 – LS-21 Related Work Activities-Previous 2-Years

Appendix 6 – Opening and closing conference sign-in sheets

Appendix 1

Photograph Log



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View looking approximately East adjacent to wire fabric perimeter fence of former WWTP #3 of the compacted land surface area where collapsed force was repaired. (DSCN2743) (12/23/2024) 2:43 PM. Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View of warning signage on outside of WWTP #3 and LS-#21 wire fabric perimeter fencing. (IMG_0456)
Photographed by N. Fuad



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View of Lift Station #21 piping, electrical panels and wet well enclosures inside the former WWTP #3 perimeter fence. (DSCN2746) (12/23/2024) 2:44 PM. Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



Another view of Lift Station #21 piping, electrical panels and wet well enclosures inside the former WWTP #3 perimeter fence. Note: the lack of piping support, fitting (flange) condition (corrosion/rust), visible corrosion near concrete masonry unit (CMU) wall penetration in an approximate Northerly direction and land surface debris. Additionally, this piping connects to the collapsed force main (located outside the CMU wall). (DSCN2747) (12/23/2024) 2:45 PM. Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View of one of Rio Rancho's WWTP #3 (NPDES permit NM0029602, issued on June 6, 2016, and terminated March 24, 2021) clarifiers. This treatment process basin is located within the fenced perimeter and west of LS-#21. NOTE: the treatment basins and other appurtenant ancillary equipment were viewed to confirm they were not being utilized as EQ basins. (DSCN2749) (12/23/2024) 2:51 PM. Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View of LS-#8 located approximately 900-feet Southeast of LS-#21. NOTE: LS-#8 collects the influent flows from Rivers Edge 1 subdivision and pumps via a closed conduit 6-inch force main to the LS-#21 wet well. (DSCN2751) (12/23/2024) 2:59 PM. Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View looking north of LS-#15 damaged wire fabric perimeter fencing. NOTE: stormwater wattles outside fencing. (IMG_0537-cropped) Photographed by N. Fuad



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



Another view of damaged perimeter wire fabric fencing of LS-#15. NOTE: the excessive vagrant vegetive growth inside and along fencing allows for perimeter degradation and vermin attraction. (IMG_0543)
Photographed by N. Fuad



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View of minimal warning or electrical hazard signage inside of LS-#15. NOTE: the appearance of a flashing light (alarm) in the center right of photograph located below enclosure. (IMG_0545) Photographed by N. Fuad



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View looking from LS-#22 approximately northeast towards State Highway 528 (aka Pat D 'Arco Highway)
NOTE: lack of perimeter fencing. (IMG_0561) Photographed by N. Fuad



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View of north side of LS-#22. NOTE: the lack of perimeter fencing adjacent to state highway 528 potentially allowing unauthorized access to the wet well and ancillary equipment. Additionally, the SCAFCA access gate is denoted in the upper right of the photograph. (IMG_0562) Photographed by N. Fuad.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View inside of CMU enclosure of LS-#22 exhibiting electrical control panels and lift station vault. NOTE: the flashing light alarm below the top of the enclosure. (IMG_0563) Photographed by N. Fuad.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View of safety gate within locked hatchway of LS-#10 wet well. NOTE: LS-#10 is located within a secure CMU enclosure, maintains adequate perimeter lighting (elevated poles) and stated audible alarms. (IMG_0566) Photographed by N. Fuad



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 14

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View of wire fabric gate and secondary CMU wall of LS-#24, located within Water Reclamation Facility (WRF) #6 (aka Cabezon WRF). NOTE: WRF #6 effluents are also t pumped into an injection well authorized under New Mexico Environment Department (NMED) discharge permit DP-215. (IMG_0571) Photographed by N. Fuad



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 15

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



Biocide tank located within LS-#24 is no longer in use. The tank contents are slowly being emptied to the wet well. NOTE: the degradation of the chemical safety signage. (IMG_0576) Photographed by N. Fuad



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 16

Location: Rio Rancho Lift Stations		
City: Rio Rancho	County/Parish: Sandoval	State: New Mexico



View of the secondary containment obstructed drop drain for the Bioxide tank at LS-#24. (IMG_0576)
Photographed by N. Fuad

Appendix 2

Request for Information (RFI)

And

Rio Rancho Response

December 26, 2024

Esparza, David

From: STEVE GALLEGOS <sgallegos@rrnm.gov>
Sent: Monday, January 6, 2025 2:17 AM
To: Esparza, David
Cc: Bernier, Roberto; Herrera, Esteban; Matthews, Rachel; Matt Geisel; Peter Wells; Ryan Chavez; Gonzales, Dennis/RIR; NITA GONZALES; ROBERT LUJAN
Subject: Re: City of Rio Rancho WWTP (NM0027987)

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Mr. Esparza,

Sorry, I was at Colorado Children's Hospital last week and just got back this Sunday. Please let me know if you can see the shared drive off my Microsoft 365 account.

It is my understanding the City of Rio Rancho Wastewater Treatment Plant (WWTP) is contractor operated by Jacobs Engineering Group. The following information is requested to make a complete and accurate assessment of the applicable parameters associated with the permit. Additional information might be requested after my review of the received information. The specific request for information (RFI) will be delineated below. Therefore, please forward by email the requested information as soon as possible, but no later than close of business January 6, 2025.

- Clarification of the flow paths (comingling) related to LS-8, LS-15, LS-21, and LS-22, inclusive collection line size (diameter), distance between collection points and location of appurtenant isolation valves. **All Lift Stations in the City of Rio Rancho are designed with two pumps. Each pump is designed to handle maximum peak flows. The lift stations have a low-level alarm, lead pump start, lag pump start/alarm, high level alarm. Lift Station 8 Collects Rivers Edge 1 subdivision and pumps via 6-inch force main to Lift Station 21 Wet Well (approximately 700 to 900 linear feet, As-Built 972 pages 29 thru 31). Lift Station 8 pumps to the Lift Station 21 wet well. Lift Station 21/13 sits adjacent to Wastewater Treatment Plant 3 and the Rio Grande River. Lift Station 21 pumps via 14-inch force main (16,800 linear feet) from Wastewater Treatment Plant 3 to Wastewater Treatment Plant 2 (As-Built 454). Lift Station 22 (Approximately 220 feet of 6-inch PVC) connects to the 14-inch force main (approximately 8,900 linear feet) at Corrales Rd/Lomitas Negras. Lift Station 15 Pumps to a 18-inch HDPE (approximately 4,500 LF) line up to Willow Creek and is reduced to the 14-inch force main. The 14-inch force main runs from Willow Creek and connects to the original 14-inch force main on Riverside Drive. The overall force main length is approximately 26,000 linear feet. No isolation valves. Only valves were for pigging stations. An InsertaValve-Romac Industries is being planned to be place upstream of LS21 to avoid or mitigate any future force main breaks.**

- Electronic copies of the associated “as-built” drawings related to LS-21. **As-Built 454 Force Main from Wastewater Treatment Plant 3 to Wastewater Treatment Plant 2.**
- Clarification/delineation of impacted surface area resulting from the recent LS-21 Sanitary Sewer Overflow (SSO) event. **See LS_21 Gravity and FM on shared drive. The surface area was calculated through google maps, please see attached document (LS_21 Gravity and FM_4). A total area of 3,251 Ft was determined and multiplied by the arroyo size towards the entry into the Rio Grande, 30 Ft. This results in a surface area total of 97,530 Sq Ft.**
- Clarification of the disposition of the excavated impacted soils associated with the recent LS-21 SSO event. **The third-party contractor removed approximately 4 inches of soil of the affected area. The soil was disinfected with lime and hauled back WWTP #2 where we will dispose of at the local landfill.**
- Clarification/confirmation if the on-site impoundments related to the LS-21 SSO event were earthen or poly-membrane lined. **The on-site impoundments are earthen lined.**
- A complete electronic copy of your Sanitary Sewer Overflow (SSO) event, inspection reports and associated work orders/work sheets related to LS-21 for the previous two (2) years. **Spreadsheet from Jacobs attached.**
- A complete electronic copy of your Standard Operating Procedures (SOPs) and clarification how often it is updated, specifically related to SSO events. **Please see attached SOP. This is updated yearly, we will also add Corrales, Albuquerque Bernalillo Water Utility Authority and the Isleta pueblo to the list for future events or failures.**
- An electronic copy of the 30%/60%/90% plan set drawings of the stated upgrades to LS-22. **I attached the 90 percent drawings along with Huitt-Zollars Letter 10/29/24 (Project R31 on shared drive.). I did not see a 30% or 60% in the project file folder. We can reach out to H-Z to see if they turned any in to the city.**
- Clarification of the City of Rio Rancho’s Public Works Department versus the Jacobs Engineering Group with respect to the collection system. **The City of Rio Rancho owns the water, wastewater, and reuse systems. Jacobs/OMI operates the facilities. Jacobs/OMI is responsible for maintaining the wastewater collection system, lift stations, force mains, and wastewater treatment plants by contract.**
- Confirmation the Emergency Response Plan (ERP) has been updated consistent with the NPDES permit. **ERP has been updated to correlate with the NPDES permit and include all personnel.**

Please feel free to reach out to myself or Dennis Gonzales if you have any questions.

Best Regards,

Steve Gallegos

Acting Director

City of Rio Rancho | Utilities Department

Phone: (505) 891-5046 direct, (505) 259-2642 mobile

sgallegos@RRNM.gov |



From: Esparza, David <esparza.david@epa.gov>

Sent: Thursday, December 26, 2024 11:34 AM

To: STEVE GALLEGOS <sgallegos@rrnm.gov>

Cc: Bernier, Roberto <bernier.roberto@epa.gov>; Herrera, Esteban <Herrera.Esteban@epa.gov>; Esparza, David <esparza.david@epa.gov>; Matthews, Rachel <Matthews.Rachel@epa.gov>

Subject: City of Rio Rancho WWTP (NM0027987)

You don't often get email from esparza.david@epa.gov. [Learn why this is important](#)

Mr. Gallegos:

It is my understanding the City of Rio Rancho Wastewater Treatment Plant (WWTP) is contractor operated by Jacobs Engineering Group. The following information is requested to make a complete and accurate assessment of the applicable parameters associated with the permit. Additional information might be requested after my review of the received information. The specific request for information (RFI) will be delineated below. Therefore, please forward by email the requested information as soon as possible, but no later than close of business January 6, 2025.

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- Electronic copies of the associated “as-built” drawings related to LS-21.
- Clarification/delineation of impacted surface area resulting from the recent LS-21 Sanitary Sewer Overflow (SSO) event.
- Clarification of the disposition of the excavated impacted soils associated with the recent LS-21 SSO event.
- Clarification/confirmation if the on-site impoundments related to the LS-21 SSO event were earthen or poly-membrane lined.
- A complete electronic copy of your Sanitary Sewer Overflow (SSO) event, inspection reports and associated work orders/work sheets related to LS-21 for the previous two (2) years.
- A complete electronic copy of your Standard Operating Procedures (SOPs) and clarification how often it is updated, specifically related to SSO events.
- An electronic copy of the 30%/60%/90% plan set drawings of the stated upgrades to LS-22.
- Clarification of the City of Rio Rancho’s Public Works Department versus the Jacobs Engineering Group with respect to the collection system.
- Confirmation the Emergency Response Plan (ERP) has been updated consistent with the NPDES permit.

David A. Esparza, P.E.
Environmental Engineer
U.S. Environmental Protection Agency
Water Enforcement Branch-Municipal/Industrial Section

Mail Code: 6-ECDWM
1201 Elm Street, Suite 500
Dallas, Texas 75270
(505) 366-8402
eMail: esparza.david@epa.gov

Appendix 3

Request for Information (RFI)

And

Rio Rancho Response

January 13, 2025

Esparza, David

From: STEVE GALLEGOS <sgallegos@rrnm.gov>
Sent: Wednesday, January 15, 2025 2:02 PM
To: Esparza, David
Cc: Bernier, Roberto; Herrera, Esteban; Gonzales, Dennis/RIR; Peter Wells; Matt Geisel; NITA GONZALES; Naomi Herrera; Kear, Matthew; Jaquez, Billy
Subject: Re: City of Rio Rancho-LS-21

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good afternoon Mr. Esparza,

The event occurred at approximately 07:14 AM Sunday December 8, 2024. The line repair was made on the cracked force main on Sunday December 8, 11:11 PM (23:11) which stopped the flow of the sewage. Final backfill was completed on Monday December 9, 2024, at 00:18 AM.

The overflow (cracked force main) ceased when the 14-inch force main was repaired on December 8, 11:11PM (23:11) 2024.

I wanted to let you know the Lift Station 8 6-inch force main (SSO) broke this last weekend. No sewage reached the river. Jacobs reached out on the contact list and is currently preparing the letter for Ms. Nancy Williams. I believe this is the first break in the 6-inch force main since around the 2005-time frame. The lift station 8 as-built was part of the shared folder.

Best Regards,

Steve Gallegos

Acting Director

City of Rio Rancho | Utilities Department

Phone: (505) 891-5046 direct, (505) 259-2642 mobile

sgallegos@RRNM.gov |



From: Esparza, David <esparza.david@epa.gov>
Sent: Monday, January 13, 2025 1:09 PM
To: STEVE GALLEGOS <sgallegos@rrnm.gov>
Cc: Bernier, Roberto <bernier.roberto@epa.gov>; Herrera, Esteban <Herrera.Esteban@epa.gov>; Esparza, David <esparza.david@epa.gov>
Subject: City of Rio Rancho-LS-21

Mr. Gallegos:

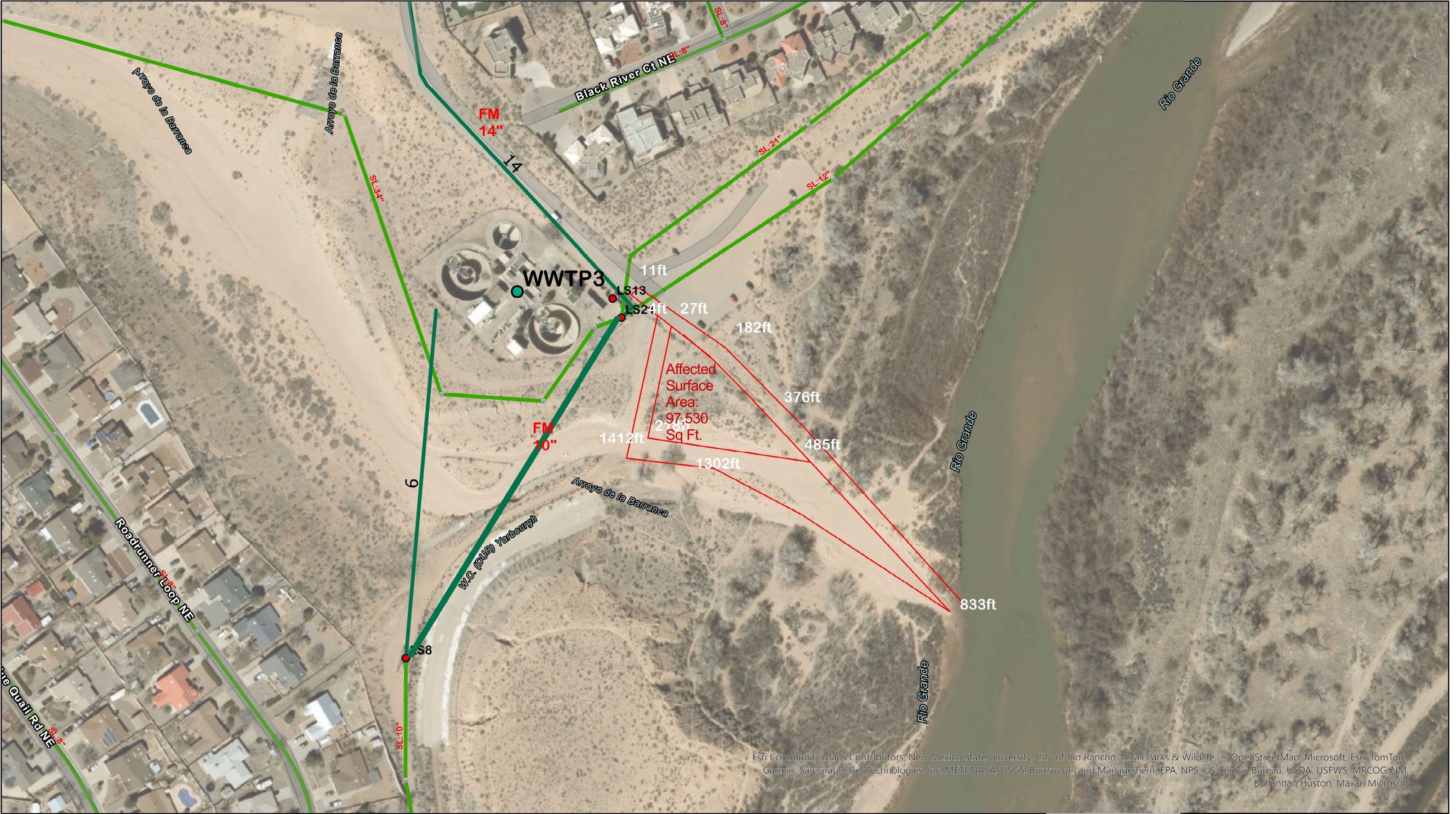
In reviewing the various documents Rio Rancho submitted regarding the Sanitary Sewer Overflow (SSO) event I request clarification of the time frame. The letter to Ms. Nancy Williams on December 12, 2024, states the event occurred “at approximately 07:14 on Sunday, December 8, 2024”. The following is known or stated:

- A local contractor was called out to repair the line.
- The estimated SSO volume was 168,000 gallons and that an estimated volume of 72,000 gallons reached the Rio Grande.
- Overflow was ceased on 12-8-2024 at 1111. Is this AM or PM as the “line repair was completed on 12-9-2024 at 0018.”
- Clarification how the overflow was ceased.

David A. Esparza, P.E.
Environmental Engineer
U.S. Environmental Protection Agency
Water Enforcement Branch-Municipal/Industrial Section
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Dallas, Texas 75270
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Appendix 4

LS-21 Gravity and Force Main- Impacted Area



Esri Community Maps Contributors, New Mexico State University, City of Rio Rancho, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS, MRCOG-NM, Bohannon Huston, Maxar, Microsoft

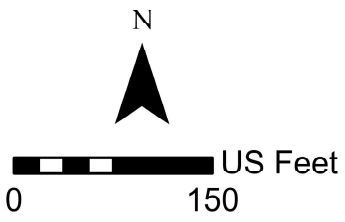
Lift Station 21
1650 RIVERSIDE DR NE

Legend

- Lift Station
- Sewer Manhole
- Sewer Pressurized Main
- Sewer Gravity Main
- Sewer Treatment Plants
- m1



Rio Rancho City Hall
UTILITIES DEPARTMENT
3200 Civic Center Circle NE
Rio Rancho, NM 87144
(505) 891-5000





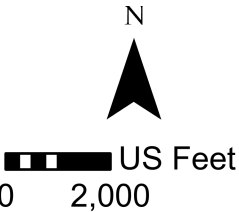
Lift Station 21
1650 RIVERSIDE DR NE

Legend

- | | |
|------------------------|------------------------------|
| Lift Station | Sewer Treatment Plants |
| Sewer Pressurized Main | m1 |
| | INSTALL INSERTA VALVE |



Rio Rancho City Hall
UTILITIES DEPARTMENT
3200 Civic Center Circle NE
Rio Rancho, NM 87144
(505) 891-5000



MRCOG-NM, Bohannon Huston, Maxar, City of Rio Rancho, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS

Appendix 5

LS-21 Related Work Activities For the Previous 2-Years

Work Order #	Reason	Target Date	Status Desc	Procedure Name	Closed Initials	Completed Initials
RIR-423186	Lift Station Weekly Inspection	1/7/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-424660	Lift Station Weekly Inspection	1/14/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-424896	Lift Station Weekly Inspection	1/21/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-425764	Lift Station Weekly Inspection	1/28/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-425954	Lift Station Weekly Inspection	2/4/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-426630	LS 21 Control Panel (RIR-AMIS-VWV-00490)	2/8/2022	Closed		AQ	AQ
RIR-427306	Lift Station Weekly Inspection	2/11/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-428059	Lift Station Weekly Inspection	2/18/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-428073	Calibration check of Lift Station Wet Well Level-Annual-Physical	3/31/2022	Closed	Calibration check of Lift Station Wet Well Level-Annual-Physical	MCG	MCG
RIR-428893	Lift Station Weekly Inspection	2/25/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-428920	LS 21 Electrical	2/28/2022	Closed		AQ	AQ
RIR-429112	Lift Station Weekly Inspection	3/4/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-429318	LS Pump Semi-Annual Inspection	11/30/2022	Closed	LS Pump Semi-Annual Inspection	SD	SD
RIR-429319	LS Pump Semi-Annual Inspection	4/29/2022	Closed	LS Pump Semi-Annual Inspection	SV	SV
RIR-429906	RTU/PLC Panel - A	3/31/2022	Closed	RTU/PLC Panel - A	MCG	MCG
RIR-429999	Lift Station Weekly Inspection	3/11/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-431526	Lift Station Weekly Inspection	3/18/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-431549	LS 21 Wet Well (RIR-AMIS-VWV-00815) Level loss alarms.	3/21/2022	Closed		MG	MG
RIR-432500	Lift Station Weekly Inspection	3/25/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-432676	Lift Station Weekly Inspection	4/1/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-433682	LS 21 Piping Force main from 21	4/8/2022	Closed		SD	AQ
RIR-433748	Lift Station Weekly Inspection	4/8/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-434420	LS 21 Check Valve 01 (RIR-AMIS-VWV-00486)	4/29/2022	Closed		AQ	TS
RIR-434565	Lift Station Weekly Inspection	4/15/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-434804	Lift Station Weekly Inspection	4/22/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-436110	Lift Station Weekly Inspection	4/29/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-436152	LS 21 Submersible Pump 02 (RIR-AMIS-VWV-00485) Pump fail due to impeller wear.	10/31/2022	Closed		MG	MG
RIR-436588	Lift Station Weekly Inspection	5/6/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-437340	Lift Station Weekly Inspection	5/13/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-437361	LS 21 Submersible Pump 02 (RIR-AMIS-VWV-00485) Pump fails to pump down wet well.	5/16/2022	Closed		MG	MG
RIR-437613	Lift Station Weekly Inspection	5/20/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-438555	Loss of signal	5/27/2022	Closed		AQ	KR
	LS 21 Submersible Pump 02 (RIR-AMIS-VWV-00485) Pump fail, causing power loss at plant #3 and					
RIR-438558	LS#8.	5/27/2022	Closed		MG	AD
RIR-438675	Lift Station Weekly Inspection	5/27/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-438904	Lift Station 21 at WWTP 3 inspection	6/2/2022	Closed		DG	RV
RIR-438919	Met pillar at LS 21 so they can do their internal investigation.	6/2/2022	Closed		MCG	MCG
RIR-439164	Lift Station Weekly Inspection	6/3/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-440310	Outside Control Panel - SA	6/28/2022	Closed	Outside Control Panel - SA	AD	AD
RIR-440822	Lift Station Weekly Inspection	6/10/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-441034	Lift Station Weekly Inspection	6/17/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-443270	Lift Station Weekly Inspection	6/24/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-443520	Lift Station Weekly Inspection	7/1/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-444453	Lift Station Weekly Inspection	7/8/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-445415	Lift Station Weekly Inspection	7/15/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-445694	Lift Station Weekly Inspection	7/22/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-446062	Lift Station Weekly Inspection	7/29/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-446333	Lift Station Weekly Inspection	8/5/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-446934	LS 21 Wet Well (RIR-AMIS-VWV-00815) Low level alarms.	8/8/2022	Closed		MG	MG
RIR-447768	Lift Station 21 at WWTP 3 Breakdown 4" Hydraulic pump and hoses.	8/10/2022	Closed		MG	TS
RIR-447921	Lift Station Weekly Inspection	8/12/2022	Closed	Lift Station Weekly Inspection	AQ	AQ

RIR-448141	Lift Station Weekly Inspection	8/19/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-448949	Lift Station Weekly Inspection	8/26/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-449200	Lift Station Weekly Inspection	9/2/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-449549	LS Pump Semi-Annual Inspection	2/28/2023	Closed	LS Pump Semi-Annual Inspection	SD	SD
RIR-449550	LS Pump Semi-Annual Inspection	2/28/2023	Closed	LS Pump Semi-Annual Inspection	SD	SD
RIR-450272	Lift Station Weekly Inspection	9/9/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-450962	LS 21 Control Panel (RIR-AMIS-VWV-00490)	9/15/2022	Closed		AQ	AQ
RIR-451063	Lift Station Weekly Inspection	9/16/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-451303	Lift Station Weekly Inspection	9/23/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-451765	Alarm response	9/26/2022	Closed		AQ	DZ
RIR-451966	Lift Station Weekly Inspection	9/30/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-452941	Lift Station Weekly Inspection	10/7/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-453817	Lift Station Weekly Inspection	10/14/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
	LS 21 Wet Well (RIR-AMIS-VWV-00815) Concrete core drill for new cable piping to control cabinet, remove and install new 8" check ball housings and isolation valves, install new isolation valve to shut off flow from LS#15. (Contractor) Backfill around vault.	6/30/2023	Closed		MG	MG
RIR-454005	Lift Station Weekly Inspection	10/21/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-454783	Lift Station Weekly Inspection	10/28/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-455060	Lift Station Weekly Inspection	11/4/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-456790	LS CHECK NO COMS	11/11/2022	Closed		AQ	AQ
RIR-457259	Rio Rancho ACES CONTROL PANEL	11/30/2022	Closed	Rio Rancho ACES CONTROL PANEL	NE	NE
RIR-460146	Lift Station Weekly Inspection	11/11/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-460344	Lift Station Weekly Inspection	11/18/2022	Closed	Lift Station Weekly Inspection	AQ	FR
RIR-461063	Lift Station Weekly Inspection	11/25/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
	Lift Station 21 at WWTP 3 motors were running not stoping and flow was not going down in the wet well	12/2/2022	Closed		AQ	TS
RIR-461179	Lift Station Weekly Inspection	12/2/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-461217	Lift Station Weekly Inspection	12/2/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-461693	Outside Control Panel - SA	12/28/2022	Closed	Outside Control Panel - SA	AD	AD
RIR-462178	Lift Station Weekly Inspection	12/9/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-462702	Lift Station Weekly Inspection	12/16/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-463219	Lift Station Weekly Inspection	12/23/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-463778	Lift Station Weekly Inspection	12/30/2022	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-464400	Lift Station Weekly Inspection	1/6/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-465095	Lift Station Weekly Inspection	1/13/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-465338	Lift Station Weekly Inspection	1/20/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-465807	Lift Station Weekly Inspection	1/27/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-465855	Alarm response	1/31/2023	Closed		AQ	DZ
RIR-465935	Alarm response	2/4/2023	Closed		AQ	DZ
RIR-465975	Lift Station Weekly Inspection	2/3/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-467618	Lift Station Weekly Inspection	2/10/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-467804	Lift Station Weekly Inspection	2/17/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-467846	Calibration check of Lift Station Wet Well Level-Annual-Physical	3/31/2023	Closed	Calibration check of Lift Station Wet Well Level-Annual-Physical	MCG	MCG
RIR-468023	Lift Station Weekly Inspection	2/24/2023	Closed	Lift Station Weekly Inspection	LR	LR
RIR-468110	Is 21 rtu not heathly Fail alarm-RTU (remote terminal unit)	3/1/2023	Closed		MCG	MCG
RIR-468219	Lift Station Weekly Inspection	3/3/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-468605	LS Pump Semi-Annual Inspection	8/31/2023	Closed	LS Pump Semi-Annual Inspection	SD	KM
RIR-468606	LS Pump Semi-Annual Inspection	8/31/2023	Closed	LS Pump Semi-Annual Inspection	SD	KM
RIR-469238	RTU/PLC Panel -A- remote terminal unit/programmable logic controllers	7/31/2023	Closed	RTU/PLC Panel -A	MCG	MCG
RIR-469275	Lift Station Weekly Inspection	3/10/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
	LS 21 RTU Battery 02 EY117B (BATTERY-35) â€¢ REPLACED A BATTERIE WITH THE HELP OF AG SOLUTIONS	3/18/2023	Closed		AQ	AQ
RIR-470013	Lift Station Weekly Inspection	3/17/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-470045	Lift Station Weekly Inspection	3/17/2023	Closed	Lift Station Weekly Inspection	AQ	AQ

RIR-470267	Lift Station Weekly Inspection	3/24/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-470511	Lift Station Weekly Inspection	3/31/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-471617	Lift station 21 pump fail alarm	4/8/2023	Closed		SD	KM
RIR-471648	Lift Station Weekly Inspection	4/7/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-472531	Lift Station Weekly Inspection	4/14/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-473250	Lift Station Weekly Inspection	4/21/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-473844	Lift Station Weekly Inspection	4/28/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-474123	Lift Station Weekly Inspection	5/5/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-476251	Lift Station Weekly Inspection	5/12/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-476321	LS 21 Submersible Pump 01 (RIR-AMIS-WW-00484)	5/16/2023	Closed		AQ	AQ
RIR-476508	Lift Station Weekly Inspection	5/19/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-476535	LS 21 Submersible Pump 01 (RIR-AMIS-WW-00484) pump 1 command fail command ok	6/30/2023	Closed		AQ	AQ
RIR-476819	Lift Station Weekly Inspection	5/28/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-477779	Lift Station Weekly Inspection	6/2/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-477812	Pump 1 command fail. NEEDS INVOICE COST THEN CLOSE.	7/31/2023	Closed		AD	AD
RIR-478274	Outside Control Panel - SA	11/30/2023	Closed	Outside Control Panel - SA	AD	AD
RIR-478604	LS Pump Electrical Annual Inspection	10/31/2023	Closed	LS Pump Electrical Annual Inspection	AD	AD
RIR-478605	LS Pump Electrical Annual Inspection	10/31/2023	Closed	LS Pump Electrical Annual Inspection	AD	AD
RIR-478822	Lift Station Weekly Inspection	6/11/2023	Closed	Lift Station Weekly Inspection	SD	AQ
RIR-479926	Lift Station Weekly Inspection	6/16/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-479991	Ls21 pump 1 fail	6/20/2023	Closed		MG	MG
RIR-481418	Lift Station Weekly Inspection	6/23/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-481783	Lift Station 21 pump 2 fail	6/28/2023	Closed		MG	KM
RIR-481965	Lift Station Weekly Inspection	6/30/2023	Closed	Lift Station Weekly Inspection	TR	TR
RIR-483653	Lift Station Weekly Inspection	7/7/2023	Closed	Lift Station Weekly Inspection	JO	JO
RIR-483719	Alarm response	7/10/2023	Closed		JO	JO
RIR-483774	LS 21 Wet Well (RIR-AMIS-WW-00815) HIGH LEVEL, PUMPS TRIPPED, NO ALARMS.	7/12/2023	Closed		MG	MG
RIR-483968	Lift Station Weekly Inspection	7/14/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-484192	Ls21 hihi alarm	7/31/2023	Closed		AD	AD
RIR-484336	Lift Station Weekly Inspection	7/21/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-484679	Lift Station Weekly Inspection	7/28/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-485011	Lift Station Weekly Inspection	8/4/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-486135	Level loss of signal RTU healthy fail	8/12/2023	Closed		AQ	AQ
RIR-486177	Lift Station Weekly Inspection	8/11/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-486542	Lift Station Weekly Inspection	8/18/2023	Closed	Lift Station Weekly Inspection	JO	JO
RIR-486852	Lift Station Weekly Inspection	8/25/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-486880	Alarm response. Comms loss lift station 21	8/28/2023	Closed		JO	JO
RIR-487143	Lift Station Weekly Inspection	9/1/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-487330	LS 21 Pump Control Panel (RIR-AMIS-WW-00490) Control panel replacement by JCH.	8/30/2024	Closed		MG	MG
RIR-487668	LS Pump Semi-Annual Inspection	2/29/2024	Closed	LS Pump Semi-Annual Inspection	SD	KK
RIR-487669	LS Pump Semi-Annual Inspection	2/29/2024	Closed	LS Pump Semi-Annual Inspection	SD	AR
RIR-488300	Lift Station Weekly Inspection	9/8/2023	Closed	Lift Station Weekly Inspection	JO	JO
RIR-489002	Lift Station Weekly Inspection	9/15/2023	Closed	Lift Station Weekly Inspection	JO	JO
RIR-489397	Lift Station Weekly Inspection	9/22/2023	Closed	Lift Station Weekly Inspection	JO	JO
RIR-489736	Lift Station Weekly Inspection	9/29/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-490440	Lift Station Weekly Inspection	10/6/2023	Closed	Lift Station Weekly Inspection	JO	JO
RIR-491048	Ls 21 Pump 1 fail alarm	10/12/2023	Closed		MG	JM
RIR-491123	Lift Station Weekly Inspection	10/13/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-491371	LS 21 Pump Control Panel (RIR-AMIS-WW-00490)	10/18/2023	Closed		AQ	AQ
RIR-491701	Lift Station Weekly Inspection	10/20/2023	Closed	Lift Station Weekly Inspection	JO	JO
RIR-491963	Lift Station Weekly Inspection	10/27/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-492003	LS 21 Wet Well Vault (RIR-AMIS-WW-00815) Pump fail alarms.	10/30/2023	Closed		AD	AD

RIR-493089	Lift Station Weekly Inspection	11/3/2023	Closed	Lift Station Weekly Inspection	SD	SD
RIR-494791	Pump 2 fail , low low alarm.	11/30/2023	Closed		AD	AD
RIR-494838	Lift Station Weekly Inspection	11/10/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-495402	Lift Station Weekly Inspection	11/17/2023	Closed	Lift Station Weekly Inspection	JO	JO
RIR-496048	Lift Station Weekly Inspection	11/24/2023	Closed	Lift Station Weekly Inspection	SD	JR
RIR-496356	Lift Station Weekly Inspection	12/1/2023	Closed	Lift Station Weekly Inspection	JO	JO
RIR-497262	Outside Control Panel - SA	6/28/2024	Closed	Outside Control Panel - SA	AD	AD
RIR-497590	LS 21 Pump Control Panel (RIR-AMIS-WW-00490)	12/8/2023	Closed		AQ	AQ
RIR-497849	Lift Station Weekly Inspection	12/8/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-498506	Lift Station Weekly Inspection	12/15/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-499336	Lift Station Weekly Inspection	12/22/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-499657	Lift Station Weekly Inspection	12/29/2023	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-500060	Lift Station Weekly Inspection	1/5/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-501176	Lift Station Weekly Inspection	1/12/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-501821	Lift Station Weekly Inspection	1/19/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-502496	Lift Station Weekly Inspection	1/26/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-502814	Lift Station Weekly Inspection	2/2/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-504060	Lift Station Weekly Inspection	2/9/2024	Closed	Lift Station Weekly Inspection	SD	SD
RIR-504400	Lift Station Weekly Inspection	2/16/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-504624	Calibration check of Lift Station Wet Well Level-Annual-Physical	1/31/2025	Closed	Calibration check of Lift Station Wet Well Level-Annual-Physical	MCG	MCG
RIR-504876	Lift Station Weekly Inspection	2/23/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-505240	Lift Station Weekly Inspection	3/1/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-505600	LS Pump Semi-Annual Inspection	8/30/2024	Closed	LS Pump Semi-Annual Inspection	MG	MG
RIR-505601	LS Pump Semi-Annual Inspection	8/30/2024	Closed	LS Pump Semi-Annual Inspection	MG	MG
RIR-506111	Lift Station Weekly Inspection	3/8/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-506137	RTU/PLC Panel -A	2/28/2025	Closed	RTU/PLC Panel -A	MCG	MCG
RIR-506196	Lift Station Weekly Inspection	3/15/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-506246	Lift Station Weekly Inspection	3/22/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-506296	Lift Station Weekly Inspection	3/29/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-506555	batteries need to be replaced at ls21	3/12/2024	Closed		MCG	MCG
RIR-506663	LS 21 Submersible Pump 01 (RIR-AMIS-WW-00484) Pump fail alarm.	3/17/2024	Closed		MG	AR
RIR-507177	Lift station response	4/5/2024	Closed		MG	KM
RIR-507275	Lift Station Weekly Inspection	4/5/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-507344	Pump 1 fail alarms	8/30/2024	Closed		MG	MG
RIR-508347	Lift Station Weekly Inspection	4/12/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-508375	LS 21 Submersible Pump 01 (RIR-AMIS-WW-00484) Pump 1 command fail command ok	4/26/2024	Closed		SD	AD
RIR-508743	Lift Station Weekly Inspection	4/19/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-509252	Lift Station Weekly Inspection	4/26/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-509597	Lift Station Weekly Inspection	5/3/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-510941	Lift Station Weekly Inspection	5/10/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-511039	LS 21 Submersible Pump 01 (RIR-AMIS-WW-00484)	6/28/2024	Closed		AQ	AQ
RIR-511043	Electric disconnect needs to be replaced placed	5/14/2024	Closed		MCG	MCG
RIR-511342	Follow-up to Work Order #510941 (Lift Station Weekly Inspection). Please see Task(s) for additional information.	5/18/2024	Closed		AQ	AQ
RIR-511461	Lift Station Weekly Inspection	5/17/2024	Closed	Lift Station Weekly Inspection	LR	LR
RIR-512607	Lift Station Weekly Inspection	5/24/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-513062	Lift Station Weekly Inspection	5/31/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-514039	Outside Control Panel - SA	11/29/2024	Closed	Outside Control Panel - SA	AD	AD
RIR-514406	LS Pump Electrical Annual Inspection	5/30/2025	Closed	LS Pump Electrical Annual Inspection	AD	AD
RIR-514407	LS Pump Electrical Annual Inspection	5/30/2025	Closed	LS Pump Electrical Annual Inspection	AD	AD
RIR-514537	Lift Station Weekly Inspection	6/7/2024	Closed	Lift Station Weekly Inspection	LR	LR
RIR-515234	LS 21 Submersible Pump 01 (RIR-AMIS-WW-00484)- Ragged up and aping high.	6/14/2024	Closed		MG	MG

RIR-515406	Lift Station Weekly Inspection	6/14/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-516325	Lift Station Weekly Inspection	6/21/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-516344	LS 21 Submersible Pump 01 (RIR-AMIS-WW-00484) Pump fail alarm.	6/23/2024	Closed		MG	MG
	LS 21 Wet Well Vault (RIR-AMIS-WW-00815) HIGH LEVEL ALARM PUMPS WERE RUNNING FOR A					
	WHILE	6/24/2024	Closed		AQ	AQ
RIR-517209	Lift Station Weekly Inspection	6/28/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-517697	Lift Station Weekly Inspection	7/5/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-517765	LS 21 pump 1 fail contact keep having to be reset	7/7/2024	Closed		MCG	AD
RIR-518801	Power Failure Alarm Response	7/31/2024	Closed		MG	MG
RIR-518818	LS21 pump1 pump2 failure no power to the liftstation	7/13/2024	Closed		MCG	AQ
RIR-518847	Lift Station Weekly Inspection	7/12/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
	LS 21 Submersible Pump 02 (RIR-AMIS-WW-00485) Pull pump and replace with onsite staged					
	pump.	7/31/2024	Closed		MG	MG
RIR-519133	Replace transducer	7/18/2024	Closed		AQ	AQ
RIR-519289	Lift Station Weekly Inspection	7/19/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-519602	Lift Station Weekly Inspection	7/26/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-519679	LS 21 Submersible Pump 02 (RIR-AMIS-WW-00485) Pump command fail alarms.	8/23/2024	Closed		MG	MG
RIR-519888	Lift Station Weekly Inspection	8/2/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
	LS 21 Submersible Pump 01 (RIR-AMIS-WW-00484) Take pump to EMC for inspection and					
	recondition.	12/31/2024	Closed		MG	MG
RIR-521111	Lift Station Weekly Inspection	8/9/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-521595	Lift Station Weekly Inspection	8/16/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-521997	Lift Station Weekly Inspection	8/23/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-522216	LS 21 Submersible Pump 02	8/29/2024	Closed		AD	AD
RIR-522219	LS 21 RTU MDS Radio Transceiver U124	9/20/2024	Closed		AQ	AQ
RIR-522314	Lift Station Weekly Inspection	8/30/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-522605	LS 21 pump1 fail alarm	9/20/2024	Closed		AQ	AQ
RIR-522824	LS Pump Semi-Annual Inspection	2/28/2025	Requested	LS Pump Semi-Annual Inspection		
RIR-522825	LS Pump Semi-Annual Inspection	2/28/2025	Requested	LS Pump Semi-Annual Inspection		
RIR-522992	Lift Station Weekly Inspection	9/6/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-523753	Lift Station Weekly Inspection	9/13/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-523981	Pump 2 command fail	9/19/2024	Closed		AD	AD
RIR-524117	Lift Station Weekly Inspection	9/20/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-524606	LS21 pump 2 fail	10/11/2024	Closed		AQ	AQ
RIR-524642	Lift Station Weekly Inspection	9/27/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-524737	LS 21 Submersible Pump 02 (RIR-AMIS-WW-00485) Pump fail, soft start code short SMC	10/1/2024	Closed		MG	MG
RIR-525190	Lift Station Weekly Inspection	10/4/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-526388	Lift Station Weekly Inspection	10/11/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-526923	Lift Station Weekly Inspection	10/18/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-526940	Pump 2 overload fail	10/31/2024	Closed		MG	MG
RIR-527250	Pump 2 no power issue.	10/26/2024	Closed		MG	MG
RIR-527278	Lift Station Weekly Inspection	10/25/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-527675	Lift Station Weekly Inspection	11/1/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-528857	Lift Station Weekly Inspection	11/8/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-528923	LS21 pump2 fail alarm	11/29/2024	Closed		AQ	AQ
RIR-529128	Lift Station Weekly Inspection	11/15/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-529437	Lift Station Weekly Inspection	11/22/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-529739	Lift Station Weekly Inspection	11/29/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-530011	HiHi alarm response	12/6/2024	Closed		MG	AR
RIR-530358	Lift Station Weekly Inspection	12/6/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-531394	Lift Station Weekly Inspection	12/13/2024	Closed	Lift Station Weekly Inspection	AQ	AQ
RIR-531411	Lift Station 21 at WWTP 3 14" Force main break. Do not close until invoice comes in.	12/15/2024	Closed		SD	SD

RIR-531418	Lift Station 21 at WWTP 3 RIR-FM-10032 Do not close until invoice comes in.	12/16/2024	Closed			AQ	AQ
RIR-531746	Lift Station Weekly Inspection	12/20/2024	Closed	Lift Station Weekly Inspection		AQ	AQ
RIR-532084	Lift Station Weekly Inspection	12/27/2024	Closed	Lift Station Weekly Inspection		AQ	AQ
RIR-532259	Lift Station Weekly Inspection	1/3/2025	Issued	Lift Station Weekly Inspection			

Appendix 6

Opening and Closing Conference Sign-in Sheets



United States Environmental Protection Agency
Region 6 – Water Enforcement Branch
1201 Elm Street, Suite 500
Dallas, Texas 75270

TIME: 0840
DATE: 12/23/24
SUBJECT: Compliance Evaluation Inspection (CEI): Facility Name
NPDES PERMIT NO:

OPENING MEETING

NAME	TITLE	PHONE NO.	EMAIL
Bill Jaquez	Compliance Coordinator	505/975-1557	billy.jaquez@env.mn.gov
Nafis Fuad	Compliance & Enforcement Supervisor, NMED	505/531-7956	nafis.fuad@env.mn.gov
Issac Martinez	Monitoring team Scientist	(505) 919-9138	issac.martinez@env.mn.gov
David Esparza	Env Eng.	505 366-8402	esparza.david @epa.gov
Dennis Gonzalez	Project Manager WW Manager	505-604-8769	Dennis.Gonzales@epa.gov
Steve Gallegos	Acting Director Utilities Department	505-891-5046 Direct 505-259-2642 cell	sgallegos@mn.gov



United States Environmental Protection Agency
Region 6 – Water Enforcement Branch
1201 Elm Street, Suite 500
Dallas, Texas 75270

TIME: 1519
DATE: 12/23/24
SUBJECT: Compliance Evaluation Inspection (CEI): Facility Name
NPDES PERMIT NO:

CLOSING MEETING

NAME	TITLE	PHONE NO.	EMAIL
Bill Jaquer	Compliance Coordinator	505/975-1557	billy.jaquer@epa.gov
Nafis Fuaed	Compliance & Enforcement Supervisor, NMED	505/531-7956	nafis.fuaed@epa.gov
David Esparez	ENVIK ENR	505-366-8402	esparez.dave@epa.gov