

Region 6 Compliance Assurance and Enforcement Division

INSPECTION REPORT

Inspection Date(s):	07/10/2018		
Media:	Water		
Regulatory Program(s)	CWA		
Company Name:	City of Farmington		
Facility Name:	Farmington Wastewater Treatment plant		
Facility Physical Location:	1395 South Lake State (615 South Carlton Avenue) 87401		
(city, state, zip code)	Farmington, New Mexico		
Mailing address:	800 Municipal Drive		
(city, state, zip code)	Farmington, New Mexico 87401-2263		
County/Parish:	San Juan		
Facility Contact:	Dean Roquemore	Operations Manager Large Projects	
	Dean.roquemore@ch2m.com		
FRS Number:	110017838722		
Identification/Permit Number:	NM0020583		
Media Number:	N/A		
NAICS:	221320		
SIC:	4952		
Personnel participating in inspection:			
Dean Roquemore	CH2MHill-Contract Operator} (Jacobs)	Operations Manager Large Projects	505-325-7027
Monica Peterson	CH2MHill-Contract Operator (Jacobs)	Assistant Project Manager/ Analytical Laboratory Manager	505-325-6953
Jacob Smith	CH2MHill-Contract Operator} (Jacobs)	Operator	505-386-6383
Jeffery Smaka, P.E.	City of Farmington	Water/Wastewater Administrator	505-599-1283
Teresa Brenik	CH2MHill-Contract Operator} (Jacobs)		970-749-9674
Ruben Salcido	City of Farmington	Operations Manager & Environmental Coordinator	505-599-1284
Jennifer Foote	NMED	Industrial and Stormwater Team Supervisor	505-827-0596
Magdeleine Dallemagne	USEPA	Inspector	214-665-7396
David Esparza	USEPA	Environmental Engineer	505-366-8402
EPA Lead Inspector Signature/Date	DAVID ESPARZA Digitally signed by DAVID ESPARZA DN: c=US, o=U.S. Government, ou=USEPA, ou=Staff, cn=DAVID ESPARZA, dnQualifier=0000105311 Date: 2018.08.09 09:48:27 -06'00'		
	David Esparza		Date
Supervisor Signature/Date	CAROL PETERS-WAGNON Digitally signed by CAROL PETERS-WAGNON DN: c=US, o=U.S. Government, ou=USEPA, ou=Staff, cn=CAROL PETERS- WAGNON, dnQualifier=0000009981 Date: 2018.08.09 11:12:55 -05'00'		
	Carol Peters		Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspectors David Esparza, PE, Jenifer Foote New Mexico Environment Department –Point Source Regulation Section (NMED), Industrial and Stormwater Team Supervisor, and Magdeleine Dallemagne, USEPA, arrived at the City of Farmington Treatment Plant (WWTP) (hereinafter referred to as WWTP) at approximately 8:35 AM on July 10, 2018 for an unannounced inspection. We met with Dean Roquemore, Operations Manager Large Projects, Monica Peterson, Assistant Project Manager, and Mr. Jacob Smith, Water Operator. Mr. Esparza presented his credentials to Mr. Roquemore and informed him that this was an EPA inspection to determine the WWTP's compliance under the Clean Water Act (CWA). This compliance evaluation inspection (CEI) 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 Farmington representatives, observations made by the United States Environmental Protection Agency (US EPA) inspector, and records and reports maintained by the permittee (Farmington), and the US EPA. Before leaving the facility, an exit briefing was held at 4:05 PM with Mr. Roquemore, the above-mentioned staff, regulatory and City of Farmington representatives Mr. Jeffery Smaka, P.E., Ms. Teresa Brenik and Mr. Ruben Salcido to explain areas of concern noted at the time of the inspection.

At this juncture it should be noted that a separate inspection was conducted to observe Farmington's laboratory procedures and related functions to ascertain their compliance with that aspect of their NPDES permit. Additionally, NMED conducted a separate NPDES-Stormwater inspection in conjunction with this site visit.

FACILITY DESCRIPTION

The WWTP is a major discharger with a design flow of 6.67 million gallons per day (MGD), with an average daily flow of 5.0 MGD, and a 12.0 MGD instantaneous maximum flow. The activated sludge treatment facility is located at 1395 South Lake Street, Farmington, San Juan County New Mexico (depicted in Aerial Image #1 below). The WWTP facility serves a population of approximately 41,600 (2016 US Census) residents. The WWTP is operated under contract agreement with CH2MHill (renewed in 2016). Additionally, CH2MHill employees/contracts are in a transition phase as the company was acquired by Jacobs Engineering Group in late 2017.



Aerial Image #1: Overall view of the City of Farmington's Wastewater Treatment Plant. Aerial from Google Earth maps.

The WWTP also provides wastewater collection services to the communities of Kirtland; McGee Park, a county facility consisting of a race track and casino; Harper Valley Homeowners Association (decommissioned and treatment works removed in approximately August 2017); and hauled septic waste (septage) from San Juan County. The hauled septage equates to approximately 400-500 trucks per month at an average load of 1,000-gallons per truck (Appendix 1 Photograph #1). Upon entry to the WWTP, the pH of each load of septage, is accepted, if within parameters, if not it is returned to the facility of origin (Appendix 6 for Septage Manifest Example).

The WWTP is a gravity flow system with 19 lift stations. The lift stations are equipped with standby generators and automatic switchovers in the event of power loss. The generators are exercised monthly to verify system readiness. In the event of a local power outage, an emergency generator at the headworks is available to operate the main lift station in the facility. This enables the WWTP to continue the treatment process through gravity flow, unabated. The WWTP receives the septage at the headworks of the treatment plant outside the main gate. Wastewater treatment begins with the influent entering at the headworks of the plant where it is pumped up grade via the main lift station to the initial screening process. Non-organic solids and grit from the screens are fed by conveyor into a compactor/grinder; thence to a dumpster for disposal. The influent then passes through parallel aerated grit basins for further separation of solids, where when combined with solids from the screening process are disposed of in the San Juan County Landfill. At this juncture, the influent is divided and sent to either A or B primary clarifier (Appendix 1 Photograph #2). Sludge drawn from these clarifiers is pumped to

primary sludge digesters #1 and #2. The supernate from the primaries is split with 25% of the flow being sent to each of two trickling filters (A and B), with the remaining 50% being routed to one (1) of two (2) Medium Rate Activated Sludge (MRAS) units (Appendix 1 Photograph #3). These MRAS units are approximately 17-feet deep and the volume of each basin equates to approximately 1.3 million gallons. It should be noted a third MRAS structure is in-place, but is awaiting equipment installation (diffusers) (Appendix 1 Photograph #4). The MRAS is a modified race track, having both aerobic and anoxic zones. Flow from the MRAS is sent to the new MRAS secondary clarifier. Trickling filters A and B are no longer in use. Filter A is used as stand-by and filter B has been removed (demolished) (Appendix 3 Current WWTP Site Plan). The flow from both secondary clarifiers is combined and routed to the ultraviolet (UV) treatment building for disinfection (Appendix 1 Photograph #5). Treated (disinfected) effluent passes through a Parshall flume, where the discharge rate is measured with a sonic flow meter; thence routed through an enclosed pipe conduit to outfall 001 (depicted in Aerial Image #2 below) and into the receiving waters; San Juan River in Water Quality Segment 20.6.4.408 of the San Juan Basin (*State of New Mexico Standards for Interstate and Intrastate Surface Waters*).



Aerial Image #2: Overall view of the City of Farmington's Wastewater Treatment Plant outfall 001. Aerial from Google Earth maps.

Section II – OBSERVATIONS

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

- The WWTP has completed or scheduled more than \$4 million (M) in upgrades or rehabilitation to lift several stations, inclusive of #2, #3, and #5. Additionally, lift station #9 was scheduled for design/construction completion in late 2017 at an estimated cost of \$1M.
- The \$14M upgrade at the WWTP commenced in early 2016 and is virtually complete. This re-work will convert the WWTP to 100% activated sludge with UV disinfection, eliminating the trickling filters, improving solids de-watering and handling and improving overall effluent quality.
- The WWTP exhibited and reported permit excursions in pH and *E. coli* for the months of April (pH) and May (pH and *E. coli*) 2018 (Appendix 5 City of Farmington April & May DMR's).
- Receipt of new UV units while on-site- it is not known if these were replacement or back-up units.
- Confirmed the WWTP Laboratory was not acquiring outside confirmation, inclusive of statistical analysis comparing testing procedure results with respect to total suspended solids (TSS) appurtenant to 40 CFR 136.3 or EPA's Houston laboratory 2007 email allowing EPA 160.2 ("shake and pour versus stir and pipette").
- In response to my inquiry regarding how the WWTP addresses sanitary sewer overflow (SSO) events, I was provided copies of two (2) events and the written WWTP standard operating procedure (SOP) "checklist" for these events (Appendix 4 Sanitary Sewer Overflow (SSO) Procedure Checklist (24-hour Report Checklist). It should be noted that in paragraph 2 (second and third sentence) of the June 6, 2018 (Appendix 4) notification letter states, "The irrigation company had broken the top of a sewer line with a backhoe. Raw sewage was discharged & contained in a non-used, dry irrigation ditch." The letter further states, "No discharge entered a waterway and no environmental impact was noted." At this juncture with the information provided it is not clear if the "non-used, dry irrigation ditch" is permanently abandoned or not currently in use, as there is no verification from the ditch company. Furthermore, record research indicates the WWTP has experienced ½ dozen (6) SSO events between March 31, 2018 through July 27, 2018 with 2/3 (4 of the 6) SSO's associated with their lift station facilities.

Effluent flow at Out 001 appeared to be clear. No foam, aromatics, discoloration, or stressed vegetation was observed (Appendix 1 Photograph #7, #8 and #9).

The overall WWTP's operations and maintenance (O&M), and general facility housekeeping appeared to be in good order, except for bullet item 6 above. Updates and contractor operations had just recently (approximately 1-week ago) been completed (bullet item 2 above) and grading (site leveling/contouring)/gravel placement was being completed (Appendix 1 Photograph #10).

Section III – AREAS OF CONCERN

After the on-site inspection, the EPA and NMED inspectors met with WWTP and City of Farmington representatives for a closing conference at 4:05 PM. During this conference, the inspectors discussed observations noted during the inspection. These observations included:

- The WWTP exhibited and reported permit excursions in pH and *E. coli* for the months of April (pH) and May (pH and *E. coli*) 2018 (Appendix 5 City of Farmington April & May DMR's).
- In response to my inquiry regarding how the WWTP addresses sanitary sewer overflow (SSO) events, I was provided copies of two (2) events and the written WWTP standard operating procedure (SOP) "checklist" for these events (Appendix 4 Sanitary Sewer Overflow (SSO) Procedure Checklist (24-hour Report Checklist). It should be noted that in paragraph 2 (second and third sentence) of the June 6, 2018 (Appendix 4) notification letter states, "The irrigation company had broken the top of a sewer line with a backhoe. Raw sewage was discharged & contained in a non-used, dry irrigation ditch." The letter further states, "No discharge entered a waterway and no environmental impact was noted." At this juncture with the information provided it is not clear if the "non-used, dry irrigation ditch", is permanently abandoned or not currently in use, as there is no verification from the ditch company. Furthermore, record research indicates the WWTP has experienced ½ dozen (6) SSO events between March 31, 2018 through July 27, 2018 with 2/3 (4 of the 6) SSO's associated with their lift station facilities. The question that arises is does the WWTP have or are they implementing a SOP in preventing SSO events?
- Confirmed the WWTP Laboratory was not acquiring outside confirmation, inclusive of statistical analysis comparing testing procedure results with respect to total suspended solids (TSS) appurtenant to 40 CFR 136.3 or EPA's Houston laboratory 2007 email allowing EPA 160.2 ("shake and pour versus stir and pipette").

Section IV – FOLLOW UP

None required now.

Section V – LIST OF APPENDICES

- Appendix 1 – Photo Log – 32 photos taken 07/11/2018
- Appendix 2 – Opening conference sign-in sheet
- Appendix 3 – Current Wastewater Treatment Plant Site Plan
- Appendix 4 – Sanitary Sewer Overflow (SSO) Procedure Checklist (24-hour Report Checklist)
- Appendix 5- City of Farmington April & May DMR's
- Appendix 6 – City of Farmington Liquid Waste Disposal Permit (Septage Manifest)
- Appendix 7 –Summary of Training Schedule
- Appendix 8- City of Farmington (Ch2MHill/Jacobs) Wastewater Treatment Plant Operator
Certifications

Appendix 1

Photograph Log



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



View of the City of Farmington's septage receiving location at the entrance of the WWTP. July 10, 2018 9:15 AM (DSCN0855).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



Primary clarifiers A and B receive the influent flow after passing through the parallel aerated grit basins and other WWTP screening process where solids are disposed of in the San Juan County Landfill. July 10, 2018 9:49 AM (DSCN0868).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



View of removed "banana blade" from one (1) of the Medium Rate Activated Sludge (MRAS) basins. July 10, 2018 10:15 AM (DSCN0879).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



View of the newly constructed third MRAS structure awaiting equipment installation (diffusers). July 10, 2018 10:17 AM (DSCN0880).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



The flow from both secondary clarifiers is combined and routed to the ultraviolet (UV) treatment building for disinfection. The UV process consists of 2 channels of 3 banks and can be operated independently of each other. July 10, 2018 11:08 AM (DSCN0898).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



View of the previously used Chlorine Contact Basin 1 in the disinfection process. July10, 2018 11:16 AM (DSCN0901).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



View of effluent flow prior to entering the closed conduit piping for discharge at Out 001. The closed conduit traverses approximately 1,000-feet northwest of the WWTP prior to discharging. July 10, 2018 10:58 AM (DSCN0894).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



View of the 24-inch and 27-inch closed conduit effluent conveyance piping. After exiting the WWTP the two (2) parallel piping structures combine at a manhole into one (1) 24-inch line, thence traversing to Outfall 001 and discharging into the San Juan River. July 10, 2018 10:55 AM (DSCN0892).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



Effluent flow at Out 001 appeared to be clear. No foam, aromatics, discoloration, or stressed vegetation was observed. July 10, 2018 10:44 AM (DSCN0891).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: Farmington Wastewater Treatment Plant		
City: Farmington	County/Parish: San Juan	State: New Mexico



Updates and contractor operations had just recently (approximately 1-week ago) been completed and grading (site leveling/contouring)/gravel placement was being completed. July 10, 2018 9:40 AM (DSCN0865).

City of Farmington/Farmington WWTP
Permit No. NM0020583
Inspection Date 07/10/2018

Appendix 2

Opening conference sign-in sheet



United States Environmental Protection Agency
Region 6 – Water Enforcement Branch
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733



DATE: 10 July 18
TIME: 08:35
SUBJECT: City of Farmington WWTP (NM0020583)

MEETING ATTENDEES

NAME	COMPANY	PHONE NO.	EMAIL
MONICA PETERSON	JACOBS	505-325-6953	JACOBS. MONICA.PETERSON@JACOBS.COM
Dean Roguemore	Jacobs	505-325-7027	dean.roguemore@Jacobs.com
Jacob Smith	JACOBS	505-386-6383	JACOBS.COM LAWRENCE.SMITH1@CH2M.COM
M. Dallemagne	USEPA	(214) 665-7396	dallemagne. magdeleine@epa.gov
Jennifer Foote	NMED	505 827 0596	jennifer.foote@state.nm.us
DAVID ESPARZA	USEPA	505-366-8402	
J.H. Snake	COF	505-577-1283	JSnake@fntn.org
Teresa Brevil	Jacobs	970-749-9674	teresa.brevil@jacobs.com
Ruben Salcido	COF	505-599-1284	rsalcido@fntn.org
Jacob Smith	JACOBS	505-386-6383	LAWRENCE.SMITH1@CH2M.COM
MONICA PETERSON	JACOBS	505-325-6953	MONICA.PETERSON@JACOBS.COM
Dean Roguemore	Jacobs	505-325-7027	dean.roguemore@Jacobs.com

City of Farmington/Farmington WWTP
Permit No. NM0020583
Inspection Date 07/10/2018

Appendix 3

Current Wastewater Treatment Plant Site Plan

Appendix 4
Sanitary Sewer Overflow (SSO) Procedure Checklist (24-hour
Report Checklist)



CITY OF FARMINGTON

800 Municipal Drive
Farmington, NM 87401-2663
Phone: (505) 599-1308
Fax: (505) 599-1299
www.fmtn.org

June 6, 2018

EPA-Region 6 (6EN-WC)
Water Enforcement Branch
Compliance Monitoring Section
1445 Ross Avenue
Dallas, TX 75202-2733

ATTENTION: Ms. Nancy Williams

RE: City of Farmington
June 1, 2018 SSO – 1220 W. Apache St.
Permit No. NM0020583

Dear Ms. Williams,

On Friday, June 1, 2018 at approximately 1700 a report of a sanitary sewer overflow was received. The spill was due to a damaged sewer line at 1220 W. Apache St, Farmington, NM. This incident was reported to EPA via email and telephonically to NMED as directed in the NPDES permit. This letter serves as the 5-day written notification to confirm and update that report.

A work crew arrived on site June 1, 2018 at 1740. The irrigation ditch company had broken the top of a sewer line with a backhoe. Raw sewage was discharged & contained in a non-used, dry irrigation ditch. No discharge entered a waterway and no environmental impact was noted. On June 4, 2018 The line was rodded to remove the broken pieces of pipe in the line and returned flow to the sewer line. Approximately 1000 gallons of liquid and mud was removed from the irrigation ditch by a Vactor truck. The line was repaired and a concrete cap laid over the sewer line June 5, 2018 to prevent damage to the line in the future.

If you have any questions regarding this incident, please contact me at (505)599-1284.

PUBLIC WORKS

Regards

A handwritten signature in black ink, appearing to read "Ruben Salcido". The signature is fluid and cursive, with the first name "Ruben" and last name "Salcido" clearly distinguishable.

Ruben Salcido,

Operations Manager & Environmental Coordinator, Water/Wastewater Utilities Division
City of Farmington

cc: Program Manager, PSRS, NM Environment Department

Michael Tillman, USEPA Region 6

David Sypher, City of Farmington

Jeff Smaka, City of Farmington

Dean Roquemore, Jacobs

Monica Peterson, Jacobs

Cindy Wampner, Jacobs

File

ORIGIN ID:EMNA (605) 325-6953
MONICA PETERSON
CH2M HILL OMI
615 SOUTH CARLTON DRIVE
FARMINGTON, NM 87401
UNITED STATES US

SHIP DATE: 06 JUN 18
ACT WT: 0.50 LB
C/D: 11540548MSX13100
DIMS: 0x0x0 IN
BILL SENDER

TO EPA REGION VI COMPLIANCE ASSURANCE

WATER ENF. BRANCH

MS. NANCY WILLIAMS

1445 ROSS AVENUE

DALLAS TX 75202

(214) 865-7494

REF: PN: 402544, 19ADAD00

PO:

DEPT:

552J11/48E5/DCA5



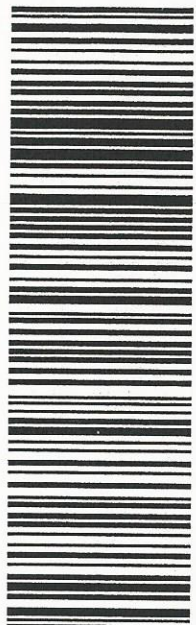
TRK# 7813 0438 0105

THU - 07 JUN 10:30A
PRIORITY OVERNIGHT

XH KIPA

75202

TX-US DFW



Peterson, Monica/FAR

From: Peterson, Monica/FAR
Sent: Wednesday, June 06, 2018 4:19 PM
To: 'tsalcido@fmtn.org'; jsma@fmtn.org; Sypher, David
Cc: Roquemore, Dean/FAR; Brevik, Teresa/FAR; Rosen, Ron/FAR; Wampner, Cindy/FAR; Tillman, Michael'; Williams, Nancy
Subject: 5-day letter - 1220 W. Apache St. SSO 20180601
Attachments: Farmington 20180601_SSO_1220W Apache St PEG_mp JH.pdf

Good afternoon, Ruben.

Attached is a copy of the 5-day letter reporting details of the June 1, 2 018 SSO which occurred at 1220 W. Apache St. I will drop copies to EPA and NMED in Fed Ex on my way home.

Monica

Monica Peterson

Jacobs

Assistant Project Manager

Farmington, NM

1.505.325.6953

1.505.564.2680 fax

monica.peterson@jacobs.com

www.jacobs.com

cc: [unclear]
Hj. S/ [unclear] Lovato,
Wampner

Draft corrected

(Times incorrect)

Rosen, Ron/FAR

From: Wampner, Cindy/FAR
Sent: Saturday, June 02, 2018 6:58 PM
To: Barbara Cooney / NMED; Wampner, Cindy/FAR; David Sypher (COF); Sohns, David/ABQ; EPA; Lovato, Harry/FAR; JEFF SMAKA (COF); Michael Tillman / EPA; Peterson, Monica/FAR; OMServices Compliance Review; Rob Mayes; Rosen, Ron/FAR; Roquemore, Dean/FAR; RUBEN SALCIDO (COF); Wethington, Thomas/FAR; Brevik, Teresa/FAR
Subject: City of Farmington, NM0020583 - SSO 20180601
Importance: High

Permit
As directed on the EPA NPDES 24-hour Non-compliance Hot Line, this email serves as the oral notification required by Part III, Page 5 of our NPDES permit. *And have called*

We are reporting to you a sanitary sewer overflow which occurred in the Farmington collections system.

Description: Sanitary Sewer Overflow at 1220 W Apache St, Farmington, NM

Period: Reported June 1, 2018 at 1700 SSO is ongoing. 1805 (time incorrect)

Response: *to us* Jacobs Crew arrived at site at 1740 The SSO was going into a non-used dry irrigation ditch. Jacobs Crew reported damaged sewer line and overflow to the City of Farmington. Specialized equipment will be needed for repairs. The City of Farmington will address this Monday, June 4, 2018.

Volume: Estimated 1000 gallons upon arrival, flowing at approximately 3 gallons per minute.

Discharge: Discharging into a non-used dry irrigation ditch

Environmental Impact: None at this time, SSO is semi-contained going into a non-used dry irrigation ditch.

As required by the NPDES permit, a follow up written report will be submitted within 5 days. If you have any questions regarding this report, please contact me at 505-325-6953.

Thank you ~

Cindy Wampner, CT&O Professional 2
Jacobs
Collections Supervisor | Maintenance Department
+ 1.505.278.2432
Cindy.Wampner@jacobs.com

615 S Carlton Ave
Farmington, NM 87401
USA

Peterson, Monica/FAR

From: Wampner, Cindy/FAR
Sent: Saturday, June 02, 2018 6:58 PM
To: Barbara Cooney / NMED; Wampner, Cindy/FAR; David Sypher (COF); Sohns, David/ABQ; EPA; Lovato, Harry/FAR; JEFF SMAKA (COF); Michael Tillman / EPA; Peterson, Monica/FAR; OMServices Compliance Review; Rob Mayes; Rosen, Ron/FAR; Roquemore, Dean/FAR; RUBEN SALCIDO (COF); Wethington, Thomas/FAR; Brevik, Teresa/FAR
Subject: City of Farmington, NM0020583 - SSO 20180601

Importance: High

As directed on the EPA NPDES 24-hour Non-compliance Hot Line, this email serves as the oral notification required by Part III, Page 5 of our NPDES permit.

We are reporting to you a sanitary sewer overflow which occurred in the Farmington collections system.

Description: Sanitary Sewer Overflow at 1220 W Apache St, Farmington, NM

Period: Reported June 1, 2018 at 1930. SSO is ongoing.

Response: Jacobs Crew arrived at site at 1945. Irrigation ditch company had broken a sewer line with a backhoe. SSO was going into a non-used dry irrigation ditch. Jacobs Crew reported damaged sewer line and overflow to the City of Farmington. Specialized equipment will be needed for repairs. The City of Farmington will address this Monday, June 4, 2018.

Volume: Estimated 1000 gallons upon arrival, flowing at approximately 3 gallons per minute.

Discharge: Discharging into a non-used dry irrigation ditch

Environmental Impact: None at this time, SSO is semi-contained going into a non-used dry irrigation ditch.

As required by the NPDES permit, a follow up written report will be submitted within 5 days. If you have any questions regarding this report, please contact me at 505-325-6953.

Thank you ~

Cindy Wampner, CT&O Professional 2
Jacobs
Collections Supervisor | Maintenance Department
+ 1.505.278.2432

Peterson, Monica/FAR

From: Wampner, Cindy/FAR
Sent: Monday, June 04, 2018 12:34 PM
To: Barbara Cooney / NMED; Wampner, Cindy/FAR; David Sypher (COF); Sohns, David/ABQ; EPA; Lovato, Harry/FAR; JEFF SMAKA (COF); Michael Tillman / EPA; Peterson, Monica/FAR; OMServices Compliance Review; Rosen, Ron/FAR; Roquemore, Dean/FAR; RUBEN SALCIDO (COF); Wethington, Thomas/FAR
Subject: Corrected 24-hour notice - NM0020583

Importance: High

Upon further discussion this morning of the SSO reported to you June 1, 2018 at 1858 MST, it was realized that the times initially reported were not accurate. The report below has been amended to reflect the correct times. Also, as of this corrected report, the flow has been stopped.

This email serves as the 24-hour notification of non-compliance as required per Part III.D.7 of the NPDES permit. NMED has also been notified via telephone.

We are reporting to you a sanitary sewer overflow which occurred in the Farmington collections system.

Description: Sanitary Sewer Overflow at 1220 W. Apache St, Farmington, NM.

Period: Received report of spill June 1, 2018 at 1700. Spill is on-going.

Volume: Estimated 1000 gallons upon arrival, flowing at approximately 3 gallons per minute.

Discharge: Discharging into a non-used, dry irrigation ditch

Response: A work crew arrived on site June 1, 2018 at 1740. The irrigation ditch company had broken a sewer line with a backhoe. Specialized equipment will be needed for repairs. The flow is contained to a ponded area and will be addressed Monday, June 4, 2018.

Environmental Impact: None at this time, SSO is contained going into a non-used, dry irrigation ditch.

As required by the NPDES permit, a follow up written report will be submitted within 5 days. If you have any questions regarding this report, please contact me at 505-278-2432.

Cindy Wampner, CT&O Professional 2
Jacobs
Collections Supervisor | Maintenance Department

24-Hour Report Checklist

1220 Apache

6-1-2018

SSO

Total Residual Chlorine excursions (> 0.019 mg/L) and *E. coli* daily max excursions (> 235 MPN/100 mL) must be reported to EPA and NMED within 24-hour of receipt of the sample result

Required Activity	Date Completed	Initial Completed
Notify all WW Supervisors: Dean, Teresa, <u>Monica</u> . Ops supervisors notify operations staff	6-2-18	Harry
Notify Ron Rosen		
Prepare email notification to EPA. See NPDES permit, Page 6 of Part I for required contents. This is a brief email stating only the facts as known. There's also an example in Monica's permit binder; blue, 3-ring. Orange 24 HR tab.	6-2-18 Amended 6-4-18	Cindy Cindy
Email EPA & NMED within 24-hours receipt of result:	6-2-2018	
r6 NPDES reporting@epa.gov	✓	
Michael Tilman, EPA (tillman.michael@epa.gov)	✓	
Nancy Williams, EPA (williams.nancy@epa.gov)		
CC: OMServices Compliance Review	✓	
Ron Rosen	✓	
David Sohns	✓	
Dean Roquemore	✓	
Teresa Brevik	✓	
Monica Peterson	✓	
CALL NMED with same information given in email: 505-827-0187 within 24 hours of receipt of result. DOCUMENT THIS CALL, call log, on print out of email...	Cindy	6-2-18
Create fold on computer for this event. Should have a folder for each excursion to document correspondence.	6-4-18	no
Notify Ruben Salcido. 599-1284 or 320-3546. Alert him to the day the 5-day letter will need to go out and that you'll need his signature.	6-1-2018	Harry
Prepare 5-day follow up letter, see NPDES permit Page 6 of Part I.	6-5-18	Cindy
Prepare PEG: https://teams.ch2m.com/ops/ombg-c/ombg-compliance/pa/Preliminary%20Excursion%20Guide/Forms/AllItems.aspx	6-5-18	Cindy

Outside
24-hrs

Submit PEG and 5-day follow up letter to C & R for review. Do this as early as possible to ensure getting the letter out within 5 days of receipt of result	6.3.8	MP
OMServices Compliance Review	✓	
SLG Regional Support NE/SE/West Region	✓	
CC: Ron Rosen	✓	
David Sohns	✓	
Dean Roquemore	✓	
Teresa Brevik	✓	
Monica Peterson	✓	
After letter is approved by C & R, email letter to Ruben Salcido (rsalcido@fmtn.org). In the body of the letter, explain the excursion. Ask him to approve, print and sign it and let you know when you can pick it up. (In Ruben's absence, Jeff Smaka is the signatory authority. Make sure the letter is written from him and not Ruben.)	6.6.18	MP
Make 3 copies of letter (NMED, Lab file, Dean)	6.6.18	MP
Scan letter/facsys letter to email. Save to your computer's files.	6.6.18	MP
Fed Ex Letter to USEPA, NPDES permit Page 5 of Part III, save copy of Fed Ex label with copy of letter in lab file	6.6.18	MP
Fed Ex letter to NMED, NPDES permit Page 5 of Part III, save copy of Fed Ex label with copy of letter in lab file	6.6.18	MP
Email copy of letter to:		
Ruben Salcido (rsalcido@fmtn.org)	6.18.18	MP
Jeff Smaka (jsmaka@fmtn.org)		✓
David Sypher (dsypher@fmtn.org)		✓
CC: Dean Roquemore		✓
Cindy Rosen Teresa Brevik		✓
Monica Peterson		✓
Email copy of letter to:		
Nancy Williams, EPA (williams.nancy@epa.gov)		✓
Michael Tilman, EPA (tillman.michael@epa.gov)		✓
Save the following docs electronically (to the computer file):		
Copy of sent 24-hour EPA email notification	6.6.18 & correction	MP
Signed copy of 5-day letter	✓	
Copies of Fed Ex airbills (EPA and NMED)	✓	
Copies of 5-day letter emails (electronic cc's)	✓	
Copy of this completed checklist	NO	
Transfer this folder to Shared Files:		
Project Working Files/Lab-WWTP Correspondence	6.7.18	MP
Save packet of event docs in Lab YEAR "DMR's Wastewater" file	6.7.18	NO
24-hour EPA notification email - with 24-hour call documented	✓	
5-day letter with Fed Ex airbills attached	✓	

Same email



CITY OF FARMINGTON

800 Municipal Drive
Farmington, NM 87401-2663
Phone: (505) 599-1308
Fax: (505) 599-1299
www.fmtn.org

June 27, 2018

EPA-Region 6 (6EN-WC)
Water Enforcement Branch
Compliance Monitoring Section
1445 Ross Avenue
Dallas, TX 75202-2733

ATTENTION: Ms. Nancy Williams

RE: City of Farmington
June 23, 2018 SSO Report
Permit No. NM0020583

Dear Ms. Jackson:

On Saturday, June 23, 2018 at approximately 1456 we received a call reporting a sanitary sewer overflow at the Farmington Sports Complex located on Pinon Hills Blvd, Farmington, NM. This incident was reported via email as directed in the NPDES permit and telephonically to NMED later that day. This letter serves as the 5-day written notification to confirm and update that report.

Maintenance staff arrived at the location at 1537 and found sewage coming out of the ground near the Softball Field Lift Station when the pumps came on, and was overflowing onto ground at an estimated rate of two (2) gallons per minute. A Vactor truck vacuumed it up at the source until a septic truck arrived to pump down the wet well and the pumps were shut off. A contractor was on site and the construction crew arrived to make the necessary repairs. It was determined that a split 45-degree bend in the discharge line from the lift station caused the overflow. The discharge line was repaired. It is estimated that the damaged line caused 300 gallons of raw sewage to flow onto the ground. The sewage did not reach receiving waters. The puddles of sewage were vacuumed up and lime was spread on the affected area.

PUBLIC WORKS

If you have any questions regarding this incident, please contact me at (505)599-1284.

Regards

A handwritten signature in black ink, appearing to read "Ruben Salcido". The signature is fluid and cursive, with the first name "Ruben" and last name "Salcido" clearly distinguishable.

Ruben Salcido,

Operations Manager & Environmental Coordinator, Water/Wastewater Utilities Division
City of Farmington

cc: Program Manager, PSRS, NM Environment Department

Michael Tillman, USEPA Region 6

David Sypher, City of Farmington

Jeff Smaka, City of Farmington

Dean Roquemoore, Jacobs

Monica Peterson, Jacobs

Cindy Wampner, Jacobs

File

ORIGIN ID:EMNA (505) 325-6953
MONICA PETERSON
CH2M HILL O&M
815 SOUTH CARLTON DRIVE
FARMINGTON, NM 87401
UNITED STATES US

SHIP DATE: 27 JUN 18
ACTWGT: 10.50 LB
CAD: 11340648WXSX13100
DIMS: 0x0x0 IN
BILL SENDER

TO EPA REGION VI COMPLIANCE ASSURANCE

WATER ENF. BRANCH
MS. NANCY WILLIAMS
1445 ROSS AVENUE
DALLAS TX 75202

552J2/93DF/DCA5

(214) 665-7494 REF: PV: 402544, 19AD, AD, 00
INV. DEPT.
PO.



TRK# 781617285801
0201

THU - 28 JUN 10:30A
PRIORITY OVERNIGHT

XH KIPA

75202
TX-US DFW



City of Farmington, NM0020583 - SSO 20180623

WC Wampner, Cindy/FAR

Reply all |

Sat 6/23/2018 6:18 PM

To: Becenti, Shaun/FAR; Brevik, Teresa/FAR;
Barbara Cooney / NMED <Barbara.cooney@state.nm.us>; Wampner, Cindy/FAR;
David Sypher (COF) <dsypher@fmtn.org>; Sohns, David/ABQ;
EPA <r6_npdes_reporting@epa.gov>; Lovato, Harry/FAR; JEFF SMAKA (COF) <jsmaka@fmtn.org>;
Michael Tillman / EPA <tillman.michael@epa.gov>; Peterson, Monica/FAR;
OMServices Compliance Review; Rosen, Ron/FAR; Roquemore, Dean/FAR;
RUBEN SALCIDO (COF) <RSalcido@fmtn.org>; Wethington, Thomas/FAR

This message was sent with high importance.

This email serves as the 24-hour notification of non-compliance as required per Part III.D.7 of the NPDES permit. NMED has also been notified via telephone.

We are reporting to you a sanitary sewer overflow which occurred in the Farmington collections system.

Description: Sanitary sewer overflow occurred at the Softball Field Lift Station at the Farmington Sports Complex on Pinon Hills Blvd, Farmington, NM. Cause is believed to be a broken pipe or union on the discharge side of the lift station. The SSO discharged onto dirt ground and did not reach receiving waters or a storm drain. The initial estimated volume of the spill is 300 gallons.

Period: SSO was reported on June 23rd, 2018 at 1456 hours. Sewer crew arrived at 1537 hours and began vacuuming up SSO with a Vactor truck at the source to prevent limit the overflow to the immediate spill area. Septic haulers arrived to vacuum out the wet well and prevent overflow during repairs.

Response: A contractor is on site and the construction crew has arrived to make necessary repairs. The time it will take to make the repairs is unknown at this time.

As required by the NPDES permit, a follow up written report will be submitted within 5 days. If you have any questions regarding this report, please contact me at 505-278-2432.

Thank you ~

Cindy Wampner, CT&O Professional 2
Jacobs
Collections Supervisor | Maintenance Department
+ 1.505.278.2432
Cindy.Wampner@jacobs.com

24-Hour Report Checklist

20180623

SSS - SPORTS

COMPLEX

Total Residual Chlorine excursions (> 0.019 mg/L) and *E. coli* daily max excursions (> 235 MPN/100 mL) must be reported to EPA and NMED within 24-hour of receipt of the sample result

Required Activity	Date Completed	Initial Completed
Notify all WW Supervisors: Dean, Teresa, Monica. Ops supervisors notify operations staff	6.23.18	CW/ MP → ROSEN
Notify Ron Rosen	6.23.18	MP
Prepare email notification to EPA. See NPDES permit, Page 6 of Part I for required contents. This is a brief email stating only the facts as known. There's also an example in Monica's permit binder; blue, 3-ring. Orange 24 HR tab.	6.23.18	CW
Email EPA & NMED within 24-hours receipt of result:	6.23.18	CW
r6 NPDES reporting@epa.gov	✓	
Michael Tilman, EPA (tillman.michael@epa.gov)	✓	
Nancy Williams, EPA (williams.nancy@epa.gov)		
CC: OMServices Compliance Review	✓	
Ron Rosen	✓	
David Sohns	✓	
Dean Roquemore	✓	
Teresa Brevik	✓	
Monica Peterson	✓	
CALL NMED with same information given in email: 505-827-0187 within 24 hours of receipt of result. DOCUMENT THIS CALL, call log, on print out of email...	6.23.18	CW
Create fold on computer for this event. Should have a folder for each excursion to document correspondence.	6.25.18	MP
Notify Ruben Salcido. 599-1284 or 320-3546. Alert him to the day the 5-day letter will need to go out and that you'll need his signature.		CW
Prepare 5-day follow up letter, see NPDES permit Page 6 of Part I.	6.25.18	CW
Prepare PEG: https://teams.ch2m.com/ops/ombg-c/ombg-compliance/pa/Preliminary%20Excursion%20Guide/Forms/AllItems.aspx	6.25.18	CW

Submit PEG and 5-day follow up letter to C & R for review. Do this as early as possible to ensure getting the letter out within 5 days of receipt of result	6-26-18 25	MP
OMServices Compliance Review	✓	
SLG Regional Support NE/SE/West Region	✓	
CC: Ron Rosen	✓	
David Sohns	✓	
Dean Roquemore	✓	
Teresa Brevik	NO	
Monica Peterson		
After letter is approved by C & R, email letter to Ruben Salcido (rsalcido@fmtn.org). In the body of the letter, explain the excursion. Ask him to approve, print and sign it and let you know when you can pick it up. (In Ruben's absence, Jeff Smaka is the signatory authority. Make sure the letter is written from him and not Ruben.)	26 6-27-2018 MP	DR
Make 3 copies of letter (NMED, Lab file, Dean) ✓	6-28-18	MP
Scan letter/facsys letter to email. Save to your computer's files.	6-27-18	MP
Fed Ex Letter to USEPA, NPDES permit Page 5 of Part III, save copy of Fed Ex label with copy of letter in lab file	6-27-18	MP
Fed Ex letter to NMED, NPDES permit Page 5 of Part III, save copy of Fed Ex label with copy of letter in lab file	6-27-18	MP
Email copy of letter to:	6-27-18	MP
Ruben Salcido (rsalcido@fmtn.org)	✓	
Jeff Smaka (jsmaka@fmtn.org)	✓	
David Sypher (dsypher@fmtn.org)	✓	
CC: Dean Roquemore	✓	
Teresa Brevik	✓	
Monica Peterson		
Email copy of letter to: Cooney	6-27-18	MP
Nancy Williams, EPA (williams.nancy@epa.gov)	✓	✓
Michael Tilman, EPA (tillman.michael@epa.gov)	✓	✓
Save the following docs electronically (to the computer file):		
Copy of sent 24-hour EPA email notification	✓	MP
Signed copy of 5-day letter	✓	I
Copies of Fed Ex airbills (EPA and NMED)	✓	I
Copies of 5-day letter emails (electronic cc's)	✓	I
Copy of this completed checklist		
Transfer this folder to Shared Files:		
Project Working Files/Lab-WWTP Correspondence		
Save packet of event docs in Lab YEAR "DMR's Wastewater" file		
24-hour EPA notification email - with 24-hour call documented	✓	in email CW
5-day letter with Fed Ex airbills attached	✓	

City of Farmington/Farmington WWTP
Permit No. NM0020583
Inspection Date 07/10/2018

Appendix 5

City of Farmington April & May DMR's



May 11, 2108

EPA-Region 6 (6EN-WC)
Lead EPS, New Mexico State Coordinator
NPDES Compliance Monitoring Section
Water Enforcement Branch
Compliance Assurance and Enforcement Division
1445 Ross Avenue
Dallas, TX 75202-2733

ATTENTION: Ms. Nancy Williams

RE: City of Farmington Wastewater Treatment Plant
Discharge Monitoring Report, Permit No. NM0020583

Dear Ms. Williams:

Please find attached the Monthly DMR for April 2018 for the City of Farmington Wastewater Treatment Plant.

As disclosed on the NetDMR, the plant experienced the following permit excursions:

Parameter	Permit Limit	Results
pH, Minimum	6.6 SU	6.5, 6.5, 6.5, 6.5, 6.5, 6.5, 6.5 SU

As required by method 5210B, we are reporting that all three seed corrections tests for the BOD analysis of the April 3, 2018 sample analyzed April 4, 2018 did not meet depletion rules. Seed make up was adjusted and all other seed corrections met depletion rules for the remainder of the month. The data for this day is included in the weekly and monthly averages.

If you have any questions, please contact me at (505) 599-1284.

Best regards,

A handwritten signature in cursive script that reads "Ruben Salcido".

Ruben Salcido, Operations Manager & Environmental Coordinator, Water/Wastewater Utilities,
City of Farmington

cc: David M. Sypher, P. E., Public Works Director, City of Farmington
Jeffrey J. Smaka, P. E., Water/Wastewater Administrator, City of Farmington
Dean Roquemore, Jacobs
Teresa Brevik, Jacobs
Monica Peterson, Jacobs
File

DMR Copy of Submission

Permit

Permit ID: NM0020583
Permittee: FARMINGTON, CITY OF (WWTP)
Facility: CITY OF FARMINGTON
Permitted Feature: 001 - External Outfall
Major: 1395 SOUTH LAKE STREET
 FARMINGTON, NM874012663
Permittee Address: 1395 SOUTH LAKE STREET
 FARMINGTON, NM874012663
Facility Location: 001-A - TREATED MUNICIPAL
 WASTEWATER
Discharge:

Report Dates & Status

Monitoring Period: From 04/01/18 to 04/30/18
Status: NetDMR Validated
DMR Due Date: 05/15/18

Considerations for Form Completion

TOTAL DISSOLVED SOLIDS (TDS) MEASURED AT OUTFALL 001. REPORT THE GEOMETRIC MEAN VALUE OF THE WEEKLY VALUES.

Principal Executive Officer

First Name: Ruben
Title: Operations Mgr and Env Coordinator
Last Name: Salcido
Telephone: 505-599-1284

No Data Indicator (NODI)

Form NODI: -

Parameter		NOD I	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	Smpl.	=388	=479	26 - lb/d		=11	=13	19 - mg/L	0	06/07 - Six Every Week	12 - COMP 12
1 - Effluent Gross												
Season: 0		Req.	<=1669 30DA AVG	<=2504 7 DA AVG	26 - lb/d		<=30 30DA AVG	<=45 7 DA AVG	19 - mg/L		05/WK - Five Per Week	12 - COMP 12
NODI: -		NOD I										

[Handwritten Signature]

X00	004	pH	Smpl .																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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李 芳 白

2 - Effluent Net											
Season: 0		Req.	<=27664 30DA AVG	Req Mon DAILY MX	26 - lb/d		<=497 30DA AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	12 - COMP 12
NODI: -		NOD I									
81010	BOD, 5- day, percent removal	Smpl .									
1 - Effluent Gross											
Season: 0		Req.									
NODI: -		NOD I									
81011	Solids, suspend ed percent removal	Smpl .									
1 - Effluent Gross											
Season: 0		Req.									
NODI: -		NOD I									

Submission Note

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

Edit Check Errors



Parameter		Monitoring Location	Field	Type	Description	Acknowledged
Code	Name					
00400	pH	1 - Effluent Gross	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	☒
Comments						
Attachments						
Name		Type		Size		
DMRApril2018NetDMR.pdf		pdf		74320		
Report Last Saved By						
FARMINGTON, CITY OF (WWTP)						
User:		dean.roquemore@ch2m.com				
Name:		Dean Roquemore				
E-Mail:		dean.roquemore@ch2m.com				
Date/Time:		2018-05-11 15:21 (Time Zone: -05:00)				
Report Last Signed By						
User:		rsalcido@fmtn.org				
Name:		Ruben Salcido				
E-Mail:		rsalcido@fmtn.org				
Date/Time:		2018-05-11 15:24 (Time Zone: -05:00)				





June 14, 2018

EPA-Region 6 (6EN-WC)
Lead EPS, New Mexico State Coordinator
NPDES Compliance Monitoring Section
Water Enforcement Branch
Compliance Assurance and Enforcement Division
1445 Ross Avenue
Dallas, TX 75202-2733

ATTENTION: Ms. Nancy Williams

RE: City of Farmington Wastewater Treatment Plant
Discharge Monitoring Report, Permit No. NM0020583

Dear Ms. Williams:

Please find attached the Monthly DMR for May 2018 for the City of Farmington Wastewater Treatment Plant.

As disclosed on the NetDMR, the plant experienced the following permit excursions:

Parameter	Permit Limit	Results
pH, Minimum	6.6 SU	6.5, 6.5, 6.5, 6.5, 6.5 SU
<i>E. coli</i> , Daily Max	235 MPN/100 mL	613, >2,420, 1,573 MPN/100 mL

The *E. coli* excursions were previously reported as required by the NPDES permit. The pH excursions resulted from issues during the plant upgrade, which is very near completion. There has been no further permit excursion for pH since May 18, 2018.

If you have any questions, please contact me at (505) 599-1284.

Best regards,

A handwritten signature in black ink, appearing to read "Ruben Salcido". The signature is fluid and cursive, with the first name "Ruben" and last name "Salcido" clearly distinguishable.

Ruben Salcido, Operations Manager & Environmental Coordinator, Water/Wastewater Utilities,
City of Farmington

cc: David M. Sypher, P. E., Public Works Director, City of Farmington
Jeffrey J. Smaka, P. E., Water/Wastewater Administrator, City of Farmington
Dean Roquemore, Jacobs
Teresa Brevik, Jacobs
Monica Peterson, Jacobs
File

DMR Copy of Submission

Permit

Permit ID: NM0020583
 Permittee: FARMINGTON, CITY OF (WWTP)
 Facility: CITY OF FARMINGTON
 Permitted Feature: 001 - External Outfall
 Major: ☒
 Permittee Address: 1395 SOUTH LAKE STREET
 FARMINGTON, NM874012663
 Facility Location: 1395 SOUTH LAKE STREET
 FARMINGTON, NM874012663
 Discharge: 001-A - TREATED MUNICIPAL
 WASTEWATER

Report Dates & Status

Monitoring Period: From 05/01/18 to 05/31/18
 Status: NetDMR Validated
 DMR Due Date: 06/15/18

Considerations for Form Completion

TOTAL DISSOLVED SOLIDS (TDS) MEASURED AT OUTFALL 001. REPORT THE GEOMETRIC MEAN VALUE OF THE WEEKLY VALUES.

Principal Executive Officer

First Name: Ruben
 Title: Operations Mgr and Env Coordinator
 Last Name: Salcido
 Telephone: 505-599-1284

No Data Indicator (NODI)

Form NODI: -

Parameter		NOD I	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units		
00310	BOD, 5-day, 20 deg. C	Smpl.	=324	=386	26 - lb/d	=8	=10		19 - mg/L	06/07 - Six Every Week	12 - COMP 12
1 - Effluent Gross											
Season: 0		Req.	<=1669 30DA AVG	<=2504 7 DA AVG	26 - lb/d		<=30 30DA AVG	<=45 7 DA AVG	19 - mg/L	05/WK - Five Per Week	12 - COMP 12
NODI: -		NOD I									

[Handwritten Signature]

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00400	pH	1 - Effluent Gross	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	☒
51040	E. coli	1 - Effluent Gross	Quantity or Loading Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	☒
51040	E. coli	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	☒
51040	E. coli	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	☒
51040	E. coli	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	☒

Comments

As disclosed on the NetDMR, the plant experienced the following permit excursions: Parameter Permit Limit Results pH, Minimum 6.6 SU 6.5, 6.5, 6.5, 6.5 SU E. coli, Daily Max 235 MPN/100 mL 613, >2,420, 1,573 MPN/100 mL The E. coli excursions were previously reported as required by the NPDES permit. The pH excursions resulted from issues during the plant upgrade, which is very near completion. There has been no further permit excursion for pH since May 18, 2018.

Attachments

Name	Type	Size
DMRMay2018NetDMR_JH.pdf	pdf	102324

Report Last Saved By

FARMINGTON, CITY OF (WWTP)

User: Monica.Peterson@ch2m.com
Name: Monica Peterson
E-Mail: monica.peterson@ch2m.com
Date/Time: 2018-06-14 17:47 (Time Zone:-05:00)

Report Last Signed By

User: rsalcido@fmrtn.org
Name: Ruben Salcido
E-Mail: rsalcido@fmrtn.org
Date/Time: 2018-06-14 17:48 (Time Zone:-05:00)



Appendix 6
City of Farmington Liquid Waste Disposal Permit (Septage
Manifest)



City of Farmington
Liquid Waste Disposal Permit

85712

Source of waste

Physical address of source: 454 rd 4465

Telephone: 505 360 4942

Blanco nm

Contact name (printed): Scott Harden

Signature: Scott Harden

Hauler

Name of Company or Individual Requesting Permit: Juan S Septic

Address of Company or individual Requesting Permit: 8CR 47 81 Bloomfield

Phone #: 632 0829

Type of waste requested to be disposed:

Septic

☒ Domestic single family home ☐ Residential- multi-unit ☐ Commercial (non-industrial)
☐ Portable Toilets ☐ Restaurant Grease Traps ☐ R. V.'s ☐ Other Please Specify: _____

Industrial Pre-approval letter Provided ☐ Yes ☐ No
☐ POTW (Sludge) ☐ Package Treatment Facilities ☐ Reclaimed water system
☐ Lagoon (Sludge) ☐ Lagoon supernatant ☐ Laundromat generated

Ending meter reading: 1106

Beginning meter reading: 0

Total gallons disposed: 1106

Total cost of permit \$ 57.67

Disposal fee is based on City Ordinance Chapter 26 section: 26-3-162, A copy of the current rates are available upon request.

Printed name of person requesting permit Juan Gutierrez

Signature of person requesting permit Juan Gutierrez

POTW

Date: 7-10-18 Time: 0915

Sample Bottle #: 201852410

pH: 7.0

Other physical characteristics specify: Domestic

Note: The O & M Administrator & Environmental Coordinator or his designee may deny this disposal permit if, in their opinion, the waste will be harmful to the City of Farmington's Wastewater Treatment Plant.

☒ Approved ☐ Denied

Gale Parker
O&M Administrator or Designee

Appendix 7

Summary of Training Schedule

Summary of Training Schedule

- Daily we hold a Safety Tailgate Meeting
- Daily Pre-Task Safety Plan review
- Annually we have OSHA required training for all staff
- Weekly we have a Process Control Meeting. In this meeting we review the past week's process control analyses and NPDES analyses to discuss if any change in operation is needed
- Annually we review all Standard Operating Procedures (SOP's) & Activity Hazard Analysis (AHA's)
- Annually we have Storm Water Training for all staff at the Wastewater Treatment Plant
- Annually we have In House Compliance Training. Topics may include Wastewater, Water, Industrial Pretreatment, Solids Handling, Sampling, just for example.
- Operators attend Work Shops and Short Schools that are held throughout New Mexico that are geared toward operators for certification and operator certification renewal training credits.

Appendix 8

City of Farmington (Ch2Mhill/Jacobs) Wastewater Treatment Plant Operator Certifications



State of New Mexico Water Quality Control Commission

This certifies that

Dean Roquemore

has met the requirements for utility operator certification adopted by the New Mexico Water Quality Control Commission pursuant to the "Utility Operator Certification Act", and is hereby certified as a Utility Operator authorized to operate and maintain

Wastewater level 4

Date of issue: December 29, 2017

Certified at this level since: January 01, 1975

For the Chairman, WQCC

A handwritten signature in black ink, appearing to read "L. H. Hall", written over a horizontal line.

EXPIRES: December 31, 2020

Operator ID: NM 04286



State of New Mexico Water Quality Control Commission



This certifies that

Gale Perkins

has met the requirements for utility operator certification adopted by the New Mexico Quality Control Commission pursuant to the "Utility Operator Certification Act", and is hereby certified as a Utility Operator authorized to operate and maintain

Wastewater level 4

Date of issue: March 20, 2017

Certified at this level since: May 11, 1984

For the Chairman, WQCC

A handwritten signature in black ink, appearing to read "Christina", written over a horizontal line.

EXPIRES: March 31, 2020

Operator ID: NM 04754

New Mexico
Utility Operator Certification



State of New Mexico Water Quality Control Commission



This certifies that

James C Slack

has met the requirements for utility operator certification adopted by the New Mexico Water Quality Control Commission pursuant to the "Utility Operator Certification Act", and is hereby certified as a Utility Operator authorized to operate and maintain

Wastewater level 4

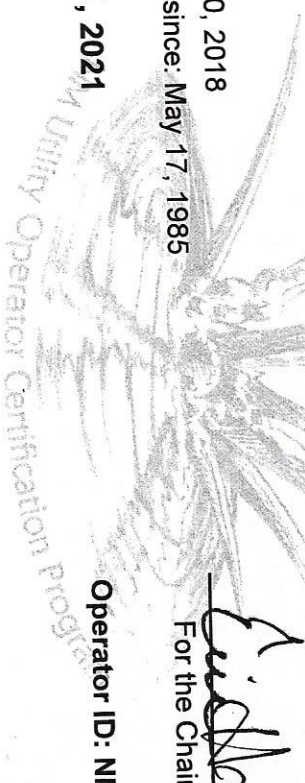
Date of issue: April 20, 2018

Certified at this level since: May 17, 1985

EXPIRES: May 31, 2021


For the Chairman, WQCC

Operator ID: NM 05479





State of New Mexico Water Quality Control Commission

This certifies that

Gabriel Garnenez

has met the requirements for utility operator certification adopted by the New Mexico Quality Control Commission pursuant to the "Utility Operator Certification Act", and is hereby certified as a Utility Operator authorized to operate and maintain

Wastewater level 4

Date of issue: December 16, 2015
Certified at this level since: July 16, 1993


For the Chairman, WQCC

EXPIRES: November 30, 2018

Operator ID: NM 04472





State of New Mexico Water Quality Control Commission



This certifies that

Teresa A Brevik

has met the requirements for utility operator certification adopted by the New Mexico Quality Control Commission pursuant to the "Utility Operator Certification Act", and is hereby certified as a Utility Operator authorized to operate and maintain

Wastewater level 4

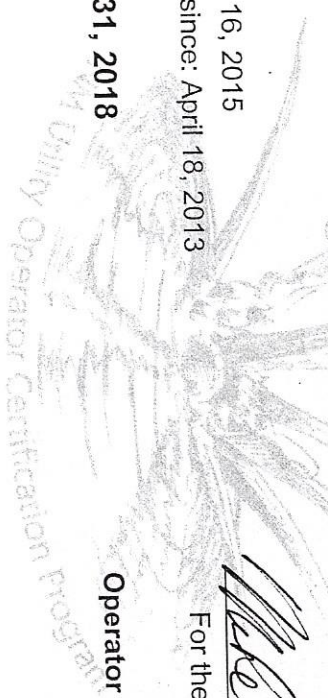
Date of issue: March 16, 2015

Certified at this level since: April 18, 2013

EXPIRES: March 31, 2018


For the Chairman, WQCC

Operator ID: NM 11431





State of New Mexico Water Quality Control Commission



This certifies that

Ronnie M Montoya

has met the requirements for utility operator certification adopted by the New Mexico Quality Control Commission pursuant to the "Utility Operator Certification Act", and is hereby certified as a Utility Operator authorized to operate and maintain

Wastewater level 3

Date of issue: June 30, 2015

Certified at this level since: May 24, 1991

EXPIRES: June 30, 2018

For the Chairman, WQCC

Operator ID: NM 01372

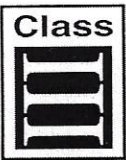
Arkansas Department of Environmental Quality

Lawrence Jacob Smith

is a licensed

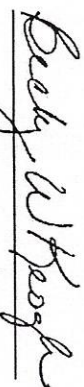
WASTEWATER TREATMENT OPERATOR

having qualified as required by law in accordance with regulations adopted by the Arkansas Pollution Control and Ecology Commission's Regulation 3 pursuant to Arkansas Code Annotated §8-5-201 et seq, relative to operating personnel of wastewater treatment plants within the State of Arkansas.



License Number : 011726

Issue Date : 3/5/2015


Becky W. Keogh
ADEQ Director



State of New Mexico

Water Quality Control Commission

This certifies that

Leslie Smiley

has met the requirements for utility operator certification adopted by the New Mexico Quality Control Commission pursuant to the "Utility Operator Certification Act", and is hereby certified as a Utility Operator authorized to operate and maintain

Wastewater level 2

Date of issue: August 18, 2015

Certified at this level since: September 17, 2004

EXPIRES: July 31, 2018

For the Chairman, WQCC

Operator ID: NM 02026





State of New Mexico
Water Quality Control Commission



This certifies that

Wayne Tsosie

has met the requirements for utility operator certification adopted by the New Mexico Quality Control Commission pursuant to the "Utility Operator Certification Act", and is hereby certified as a Utility Operator authorized to operate and maintain

Collection Systems 2

Date of issue: October 11, 2016

Certified at this level since: March 24, 2005

For the Chairman, WQCC

EXPIRES: September 30, 2019

Operator ID: NMT 02028

Operator Certification Program



State of New Mexico Water Quality Control Commission

This certifies that

Ann R Blackman

has met the requirements for utility operator certification adopted by the New Mexico Quality Control Commission pursuant to the "Utility Operator Certification Act", and is hereby certified as a Utility Operator authorized to operate and maintain

Wastewater level 1

Date of issue: January 04, 2017
Certified at this level since: April 20, 2007

Ann Keller
For the Chairman, WQCC

EXPIRES: December 31, 2019

Operator ID: NM 07192

New Mexico
Water Quality Control Commission
Utility Operator Certification Program

