EPA United States Environmental Protection Agency

Region 6 - Enforcement & Compliance Assurance Division

INSPECTION REPORT

Inspection Date(s):	09/28/2022	
Media Program:	Water	
Regulatory Program(s)	CWA	
Company Name:	**Village of Fort Sumner**	
Facility Name:	**Fort Sumner Wastewater Treatment Plant**	
Facility Physical Location:	179 Sewer Plant Road	
(city, state, zip code)	Fort Sumner, New Mexico	
Mailing address:	Post Office Box 180	
(city, state, zip code)	Fort Sumner, New Mexico 88119	
County/Parish:	De Baca	
Facility Phone Number	575-355-2401	
Facility Contact:	Mark Micelli	Water/Wastewater Director
	Fswwtp37@yahoo.com	
FRS Number:	11011027272	
Identification/Permit Number:	NM0023477	
Media Identifier Number:	N/A	
NAICS:	221320	
SIC:	4952	

Personnel participating in inspection:		
Mark Micelli	Village of Fort Sumner	Water/Wastewater Director
Gabe Garza	Village of Fort Sumner	Water Operator
Jonathon Geesey	Village of Fort Sumner	Intern
David Esparza	EPA/R6-ECDWM	Environmental Engineer

EPA Lead Inspector Signature/Date	DAVID ESPARZA Digitally signed by DAVID ESPARZA Date: 2022.11.09 10:20:49 -07'00'	
	David Esparza	Date
Supervisor Signature/Date	ROBERTO BERNIER Digitally signed by ROBERTO BERNIER Date: 2022.11.16 08:20:31 -06'00'	
	Roberto Bernier	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector David Esparza, PE, arrived at the Village of Fort Sumner Wastewater Treatment Plant (WWTP) (Fort Sumner) at approximately 12:00 PM on September 28, 2022, for an unannounced inspection. I met with Mr. Mark Micelli; Water/Wastewater Supervisor, Mr. Gabe Garza, Water Operator and Mr. Jonathon Geesey, intern. I presented my credentials to Mr. Mark Micelli and informed him that this was an EPA inspection to determine Fort Sumner's Wastewater Treatment Plants (WWTP's) compliance under the Clean Water Act (CWA). This 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 Fort Sumner representatives, observations made by the United States Environmental Protection Agency (US EPA) inspector, and records and reports maintained by the permittee (Fort Sumner), and the US EPA. Before leaving the facility, an exit briefing was held with the Mr. Marl Micelli, and the above-mentioned staff, to explain areas of concern noted at the time of the inspection.

FACILITY DESCRIPTION

The WWTP a minor discharger with a design flow of 0.21 million gallons per day (MGD), is located at 179 Sewer Plant Road or approximately 2.0-miles southeast of the Fort Sumner Village Hall, De Baca County, New Mexico (depicted in Aerial #1 below). The WWTP facility serves a population of approximately 900 residents. The WWTP is operated by staff within the Public Works Department and consists of 3 full-time equivalent (FTE) positions, on a Monday through Friday 8-hour per day basis. On-call staff is available on an as needed basis.

Treatment Scheme:

Fort Sumner maintains/operates four (4) lift stations (Identified in **Table 1** below), combined with gravity flow that transports wastewater to the WWTP. Raw sewage reaches the entrance works where a comminutor (a.k.a. grinders, macerators) is used to reduce the particle size of the wastewater solids and a backup bypass channel to a mechanical bar screen. Solids and grit caught in the bar screen are collected in a hopper and transported by contracted carrier to the De Baca County Landfill.

The WWTP headworks are comprised of an aerated grit chamber and a six-inch Parshall flume. The influent flow is then lifted by two (2) alternating submersible pumps to Sequencing Batch Reactors (SBR) basins.

Wastewater is processed though alternating cycles of first filling and mixing, then an aerobic, anaerobic, settling and finally a decant phase. Four (4) small blowers provide aeration to these two (2) units. An aerobic sludge digester is located between the two (2) SBR units. Decant water from the SBR basins enter an older model Schreiber flow equalization unit which ensures even flow to the disinfection system.

The WWTP utilizes a single bank of Ultraviolet (UV) lights for disinfection and bacterial control prior to discharging the metered treated effluent to Outfall 001 and into the Pecos River.

Sludge:

Sludge is wasted from the two (2) SBRs and sent to the aerobic digester. Wasted sludge from the digester is then placed in the sludge drying beds for a minimum period of 90-days. Decant waters from the digesters is returned to the SBR system for reprocessing. The sludge drying beds have under drains that return liquids to the headworks. Residual solids are also wasted from the Schreiber system directly to the sludge drying beds. The dried sludge is moved to an adjacent concrete pad, windrowed, and staged onsite.

Table 1: Village of Fort Sumner Lift Stations

Lift Station Name	Approximate Location
Old Town	West Sumner Ave
Peña	West Sumner Ave
Lopez	North 17th Street
Roybal	East Mesquite

Fort Sumner does not have any identified Industrial Users (IU) contributing to their WWTP.

Additionally, Fort Sumner has protocols and mechanisms in-place pertaining to Facility Process Equipment Summaries, Support Equipment Operation and Maintenance (O&M) Manuals, inclusive of all manuals for the O&M of the WWTP. However, Fort Sumner does not have a written Fats, Oils, and Grease (FOG) program, though a FOG discussion is described in a circa 1976 Village Ordinance (**Appendix 2** Village of Fort Sumner Ordinance No. 199 Discussing Fats, Oils and Grease (FOG)).

Section II – OBSERVATIONS

I observed the following:

- The WWTP has an electrical generator, which is exercised on a weekly basis. It was not apparent which electrical components the generator provides back-up/stand-by power to in the event of a power loss. Additionally, it is not clear if any of the lift stations have a back-up source of power (quick connect or portable) in the event of a power outage.
- The bar screen is non-functional. The WWTP operators must manually scrape the grit from the bar screen, place in an adjacent concrete lined basin; thence scooped into a container for transport and disposal at the landfill.
- The WWTP Supervisor indicated his belief was the Wier notch blades in the Parshall Flume were installed upside down, bent and currently are too expensive to replace.
- The Fort Sumner WWTP Improvements (Project #20210378/ CWSRF # 100/CBDG # 20-C-RS-I-01-G-04) 100% Construction Plans were completed in June 2022. This Plan Set together with the "Bid" document (**Appendix 3** WWTP Improvements Bid Tab Document) identified multiple facility aspects in need of improvement and/or replacement. Additionally, the Bid document broke down the project to a "Lump Sum" bid or five (5) Additive/Deductive Alternate bids, however it was disclosed the Lump Sum bid exceeded available monies; thus, the Village was in the process of reducing the proposed Scope of Work (SOW) to address the most pressing WWTP issues.
- Given the WWTP is in the process of implementing various improvements, it should be noted many of the piping runs or fittings exhibit extensive corrosion, and concrete surfaces exhibit degradation (spalling) (**Appendix 4** Proposed Improvements Work Sequence).
- Three (3) staged sludge piles were observed and awaiting transport and disposal.
- The Supervisory Control and Data Acquisition (SCADA) system has no alarm. There is currently no dial out or audible alarms at the WWTP.
- Southeast corner perimeter fencing requires repair along with the removal of the extensive vegetative overgrowth, which negates secure access and potential vermin attraction.

Section III – AREAS OF CONCERN

A review of the ICIS database for the period from January 1, 2020, to September 19, 2022 (**Appendix 3**) indicates NPDES permit excursions.

- A review of the Integrated Compliance Information System (ICIS) indicates several NPDES permit single event violations (February 2022), Schedule Violation (January and August 2022), Biological Oxygen Demand (BOD_5) (January, April and May 2020), Total Suspended Solids (TSS) (April, May and July 2020), Whole Effluent Toxicity (WET) (April and October 2020 and October 2021), Discharge Monitoring Report (DMR) Non-Receipt Violation (April, July, and October 2020); and Escherichia coli (E coli) (September 2020 and February 2022).

The following additional areas of concern (AOCs) were identified and/or discussed with the Village of Fort Sumner :

- The WWTP has an electrical generator, which is exercised on a weekly basis. It was not apparent which electrical components the generator provides back-up/stand-by power to in the event of a power loss. Additionally, it is not clear if any of the lift stations have a back-up source of power (quick connect or portable) in the event of a power outage.
- The bar screen is non-functional. The WWTP operators must manually scrape the grit from the bar screen, place in an adjacent concrete lined basin; thence scooped into a container for transport and disposal at the landfill.
- The WWTP Supervisor indicated his belief was the Wier notch blades in the Parshall Flume were installed upside down, bent and currently are too expensive to replace.
- The Fort Sumner WWTP Improvements (Project #20210378/ CWSRF # 100/CBDG # 20-C-RS-I-01-G-04) 100% Construction Plans were completed in June 2022. This Plan Set together with the "Bid" document (**Appendix 3** WWTP Improvements Bid Tab Document) identified multiple facility aspects in need of improvement and/or replacement. Additionally, the Bid document broke down the project to a "Lump Sum" bid or five (5) Additive/Deductive Alternate bids, however it was disclosed the Lump Sum bid exceeded available monies; thus, the Village was in the process of reducing the proposed Scope of Work (SOW) to address the most pressing WWTP issues.
- Given the WWTP is in the process of implementing various improvements, it should be noted many of the piping runs or fittings exhibit extensive corrosion, and concrete surfaces exhibit degradation (spalling).
- The WWTP utilizes a single bank of Ultraviolet (UV) lights for disinfection and bacterial control prior to discharging the treated effluent into the Pecos River. The current location and/or configuration of this treatment process does not allow for placement of an additional back-up UV bank. Additionally, the current bank is uncovered and exposed to the elements.
- Southeast corner perimeter fencing requires repair along with the removal of the extensive vegetative overgrowth, which negates secure access and potential vermin attraction.

I conducted a closing conference at the Fort Sumner WWTP on September 28, 2022 and reviewed the Areas of Concern noted during the inspection.

Section IV – FOLLOW UP

The following information was received by EPA on October 5, 2022, after exiting the Facility on September 28, 2022:

- Information on the number and location of the lift stations
- The Village Ordinance discussing the Fats, Oils and Grease (FOG)
- The 100% completed WWTP Improvements Plan Set
- Complete Bid Document identifying proposed WWTP improvements
- Information regarding Industrial Users (IUs)

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 7 photos taken 9/28/2022
Appendix 2 – Village of Fort Sumner Ordinance No. 199 Discussing Fats, Oils and Grease (FOG)
Appendix 3 – WWTP Improvements Bid Tab Document

Appendix 4 – Proposed Improvements Work Sequence

Appendix 5 – Review of the ICIS database for the period from January 1, 2020, to September 19, 2022

Appendix 1

Photograph Log

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: Fort Sumner WWTP		
City: Fort Sumner	County/Parish: De Baca	State: New Mexico

View of the non-operational bar screen. The WWTP operators must manually scrape the grit from the bar screen, place in an adjacent concrete lined basin; thence scooped into a container for transport and disposal at the landfill. (DSCN2339). Photographed by D. Esparza

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: Fort Sumner WWTP		
City: Fort Sumner	County/Parish: De Baca	State: New Mexico

View of Wier notch blades within the Parshall flume the WWTP Supervisor believes were installed upside down, bent and currently are too expensive to replace. Note: the degradation of the concrete. (DSCN2340). Photographed by D. Esparza

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: Fort Sumner WWTP		
City: Fort Sumner	County/Parish: De Baca	State: New Mexico

View of the one-bank of Ultraviolet (UV) lights utilized for disinfection and bacterial control prior to discharging the treated effluent into the Pecos River. The current location and/or configuration of this treatment process does not allow for placement of an additional back-up UV bank. Additionally, the current bank is uncovered and exposed to the elements. (DSCN2342). Photographed by D. Esparza

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: Fort Sumner WWTP		
City: Fort Sumner	County/Parish: De Baca	State: New Mexico

View of the previous chlorine contact chamber after the one-bank UV disinfection. Note: the visible corrosion on the process piping and the concrete degradation. (DSCN2341). Photographed by D. Esparza

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: Fort Sumner WWTP		
City: Fort Sumner	County/Parish: De Baca	State: New Mexico

View of the three (3) staged sludge piles observed and awaiting transport and disposal. (DSCN2343). Photographed by D. Esparza

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: Fort Sumner WWTP		
City: Fort Sumner	County/Parish: De Baca	State: New Mexico

Wasted sludge from the digester is placed within sludge drying beds for a minimum period of 90-days. Decant waters from the digesters is returned to the SBR system for reprocessing. The sludge drying beds have under drains that return liquids to the headworks. Residual solids are also wasted from the Schreiber system directly to the sludge drying beds. The dried sludge is moved to an adjacent concrete pad, windrowed, and staged onsite. (DSCN2344). Photographed by D. Esparza

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: Fort Sumner WWTP		
City: Fort Sumner	County/Parish: De Baca	State: New Mexico

View of the Southeast corner perimeter fencing requiring repair along with the removal of the extensive vegetative overgrowth. This condition which negates secure access and potential vermin attraction. (DSCN2345). Photographed by D. Esparza

Appendix 2

Village of Fort Sumner
Ordinance No. 199
Discussing Fats, Oils and Grease (FOG)

ORDINANCE NO. 199

AN ORDINANCE PROVIDING FOR PROCEDURES REGARDING INDUSTRIAL WASTES, MAKING MINIMUM REQUIREMENTS, ESTABLISHING THE REQUIREMENT OF AN ADEQUATE RATE SCHEDULE FOR SEWER SERVICE AND PROVIDING A PENALTY FOR VIOLATION THEREOF

WHEREAS, 18 C.F.R. 601.34 and 601.36, Federal Register (July 2, 1970), requires that an enforceable sanitary sewer-industrial waste ordinance meeting certain criteria be adopted; and

WHEREAS, the Village of Fort Sumner, New Mexico, is seeking State and Federal assistance for the purpose of constructing or improving sanitary sewer removal or treatment facilities; and

WHEREAS, in order to be eligible for such assistance, the ordinance must provide for:

(1) limitations on quantity or discharge or industrial waste,

(2) prohibition of discharge or pretreatment of industrial waste when necessary, and

(3) a rate schedule for sanitary sewer service that assures an equitable system of cast recovery; and

WHEREAS, these regulations are conducive to the promotion of the health and general welfare of the municipality.

NOW THEREFORE, be it ordained by the governing body of the Village of Fort Sumner,New Mexico, that:

Section 1. Title. This Ordinance shall be known as the Industrial Waste Ordinance of Fort Sumner, New Mexico.

Section 2. Definition of terms.

(a) B.O.D. "BOD" (denoting biochmeical oxygen demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter by standard methods procedure in five days at twenty degrees centigrade expressed in milligrams per liter (mg/l).

(b) C.O.D. "COD" (denoting chemical oxygen demand) is a measure of the oxygen-consuming capacity of organic and inorganic matter present in waste-water as milligrams per liter (mg/l).

(c) Normal Domestic Wastewater. "Normal domestic wastewater" shall mean waterborne wastes normally discharging from the sanitary conveniences of buildings (including apartment houses and hotels), office buildings, factories and institutions, free from storm surface water and industrial wastes. Normal domestic wastewater shall mean "norman" for Village of Fort Sumner, New Mexico.

(d) Garbage. "Garbage" shall mean solid wastes from the preparation, cooking and dispensing of food, and from the handling, storing and sale of produce.

(e) Industrial Liquid Wastes. "Industrial liquid wastes" shall mean all waterborne solids, liquids or gaseous wastes resulting from any industrial, manufacturing or food processing operation or process or from the development of any natural resource, or any misture of these with water or domestic sewage as distinct from normal domestic sewage. Industrial monufacturing process shall include, but are not limited to: ordinance and assessories; food and allied products; tobacco manufactures, textile mill projects; apparel and other finished projects made from fabrics and similar materials; lumber and wood products, except furniture; furniture and fistures; printing, pub-lishing, and allied industries; chemicals and allied products; petroleum refining and related industries; rubber and miscellaneous plastics products; leather and leather products; stone, clay, glass, and concrete products; primary metal industries; fabricated metal products, except ordinance, mac-hinery and transportation equipment; machinery, except electrical; electrical machinary, equipment and supplies; transportation equipment; professional, scientific and controlli instruments; photographic and optical goods, watches and clocks;miscellaneous manufacturing industires.

(f) Interference with Any Wastewater Facility. "Interference with anywastewater treatment process" shall mean any condition or combination of conditions which cause degradation of the operational efficiency of a wastewater facility.

(g) Trap. "Trap" is a device for retaining sand, silt, grit mineral material, petroleum solvent, grease or oil by gravity-differential separation from wastewater and of a design and capacity approved by the Village of Fort Sumner, New Mexico.

(h) pH. "pH" shall mean the logarithm (base 10) of the reciprocal of the hydrogen ion concentration of a solution.

(i) Public Sewer. "Public sewer" shall mean a sewer in which all owners of abutting properties shall have equal rights, and is controlled by public authority.

(j) Sanitary Sewer. "Sanitary sewer" shall mean the public sewer portion of a wastewater facility which transports wastewater and to which storm, surface and ground water are not intentionally admitted.

(k) Settleable Solids. "settleable solids" means those solids which settle during a preselected period of time as expressed in milliliters per liter of sample.

(l) Standard Methods. "Standard methods" shall mean the laboratory procedures set forth in the latest edition, at the time of analysis, of "Standard Methods for the Examination of WAter and Wastewater," as prepared, approved and published jointly by the "American Public Health Association" and "American Water Works Association" and the "Water Pollution Control Federation."

(m) Storm Sewer. "Storm Sewer" shall mean a sewer which carries storm and surface waters and drainage, but excludes wastewater and polluted industrial wastes.

(n) Unpolluted Process Water. "Unpolluted process water" shall mean any water or waste containing none of the following: Free or emulsified grease or oil; acid or alkali, phenols, or other substances imparting taste and odor to receiving water; toxic substances in suspension, colloidal state or solution; and noxious or odorous gases.

(o) Wastewater. "Wastewater" shall mean the used water of a community. Such used water may be combination of the liquid and waterborne wastes from residences, commercial buildings, industrial plants and institutions.

(p) Wastewater Facilities. "Wastewater facilities" shall mean the structures, equipment, and processes required to collect, transport and treat comestic industrial wastes and dispose of the effluent.

(q) Wastewater Treatment Works. "Wastewater treatment works" shall mean an arrangement of devices and structures for treating wastewater, industrial wastes and sludge. Sometimes used as synonymous with waste treatment plant or wastewater treatment plant.

Section 3. No person shall discharge or cause to be discharged any storm water, surface water, groundwater, roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process water to any sanitary sewer.

Section 4. Storm water and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as storm sewers, or to a natural outlet approved by the governing body of the Village of Fort Sumner, New Mexico. Industrial cooling water or unpolluted process waters may be discharged on approval of the governing body of the Village of Fort Sumner, New Mexico, to a storm sewer, or natural outlet.

Section 5. No person shall discharge or cause to be dishcarged any of the following described liquids or wastes to any public sewers:

(a) any gasoline, benzene, naphtha, fuel oil, or other flammable or explovise liquid, solid or gas.

(b) any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other hazard inthe receiving waters of the wastewater treatment works, including but not limited to cyanides in excess of two (2) mg/l as CN in the wastes as discharged to the public sewer.

(c) any herbicides and pesticides.

(d) any waters or wastes having a pH lower than (5.5), or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the wastewater facility.

(e) solid or viscous substance in quantities or of such size capable of causing obstruction to the flow in sewers, ot other interference with the proper operation of the wastewater facility such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood,paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.

(f) any amount of the following heavy metals:

Antimony	Manganese
Arsenic	Mercury
Barium	Molybdenum
Nickel	Beryllium
Bismuth	Rhenium
Boron	Selenium
Cadmium	Silver
Chromium (Hexa)	Strontium
Chromium (Tri)	Tellurium
Cabalt	Tin
Copper	Uranyl ion
Iron	Zinc
Lead	

Dilution of toxic materials and heavy metals in lieu of removal is not acceptable.

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Section 6. No person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes if it appears likely in the opinion of the governing body of the Village of Fort Sumner, New Mexico, that such wastes can harm the wastewater facility, orequipment have an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming an opinion as to the acceptab ility of these wastes, the governing body of Village of Fort Sumner, New Mexico, will give consideration to such factors as materials of construction of the sewers, nature and capacity of the wastewater facility, degree of treatability of wastes in thewastewater treatment works, and other pertinent factors. The substances which must be considered include but are not limited to the following:

(a) any liquid or vapor having a temperature higher than one-hundred fifty ($150^{o}F$) ($65^{o}C$)

(b) any water or waste containing fats, grease, wax, or oils, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperature between thirty-two (32) and one-hundred-fifty ($150^{o}F$) (0 and $65^{o}C$).

(c) any garbage that has not been properly shredded. The installation and operation of any garbage grinder larger than those normally manufactured and sold for residential and noncommercial use will not be installed without specific review and approval by the governing body of the Village of Fort Sumner, New Mexico.

(d) any waters or wastes containing strong acid, iron pickling wastes, or concentrated plating solutions connot be discharged to the wastewater facility unless completely neutralized and approved by the governing body of the Village of Fort Sumner, New Mexico, for discharge.

(e) any waters or wastes containing reducing substances of an organic or inorganic nature, toxic or nontoxic, which exert an immediate chlorine demand not be discharged into the wastewater facility if discharge of such agents will prevent the achievement of an adequate chlorine residual in the effluent of the wastewater treatment works.

(f) any waters or wastes containing phenols or other taste or odor-producing substances, in concentrations exceeding limits established by the governing body of the Village Fort Sumner, New Mexico, after treatment of the composite sewage, to meet the requirements of the State, Federal, or other public agencies of jurisdiction of such discharge to the receiving waters.

(g) any radioactive wastes or isotopes of such halfOlife or concentrations as may exceed limits established by the governing body of Fort Sumner, New Mexico, in compliance with applicable State and Federal regulations.

(h) any waters or wastes having a pH in excess of (9.5).

(i) materials which exert or cause:

1. unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries and lime residues) or of dissolved solids (such as, but not limited to, sodium chlorine and sodium sulfate).

2. excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).

3. unusual chemical oxygen demand, or biochemical oxygen demand,

or chlorine requirements in such quantities as to constitute a significant load on the wastewater treatment works.

4. slugs or shocks constituting an unusual volume of flow or concentration of wastes which will distrub the normal functioning of the wastewater facility.

(j) waters or wastes containing substances which are not amenable to treatment or reduction by the wastewater treatment works employed, or are amenable to treatment only to such degree that the effluent cannot meet the requirements of agencies having jurisdiction over discharge to the receiving waters.

Section 7. If any waters or wastes are discharged, or are proposed to be discharged to the public sewers, which waters contain the substances or possed the characteristics enumerated in Section 6 of this Ordinance, and which in the judgment of the giverning body of the Village of Fort Sumner, New Mexico, may have a deleterious effect upon the wastewater facilities, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the governing body of the Village of Fort Sumner, New Mexico, may:

(a) reject the wastes,

(b) require pretreatment to an acceptable condition for discharge to the public sewers, or

(c) require control over the quantities and rates of discharge.

If the governing body of the Village of Fort Sumner, New Mexico permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the giverning body of the Village of Fort Sumner, New Mexico, and State and subject to the requirements of all applicable codes, ordinances, and laws.

Section 8. Testing of an industrial waste will be performed at least twice a year or whenever found necessary by the giverning body of the Village of Fort Sumner, New Mexico. The person discharging the waste shall be liable for payment of all costs arising from the testing of the industrial waste.

Section 9. Grease, oil, and sand traps shall be provided when, in theopinion of the governing body of the Village of Fort Sumner, New Mexico, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand, or other harmful ingredients; except that such traps shall not be required for provate living quarters or dwelling units. All traps shall be of a type and capacity approved by the governing body of the Village of Fort Sumner, New Mexico, and shall be located as to be readily and easily accessible for cleaning and inspection. Grease and oil traps shall be installed in all new filling stations, garages, restaurants and other new facilities wherein heavy discharge of grease and oil is to be expected.

Section 10. Where preliminary treatment or flow-equalizing facilities are provided for any industrial liquid wastes, they shall be maintained continously in satasfactory and effective operation by the owner at his expense.

Section 11. When required by the governing body of the Village of Fort Sumner, New Mexico, the owner of any properly serviced by a building sewer carrying industrial liquid wastes shall install a suitable control manhole together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes.

Such manhole, when required, shall be accessibly and safely located, constructed in such a manner as to prevent infiltration of ground and surface waters, and should be constructed in accordance with plans approved by the governing body of the Village of Fort Sumner, New Mexico. The manhole shall be installed by the owner at his expense, and shall be maintained by him so as to be safe and accessible at all times.

Section 12. All measurements, tests, and analyses of the characteristics of waters and wastes shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published jointly by the "American Public Health Association," and "American Water Works Association" and the "Water Pollution Control Federation," and shall be determined at the control manhole provided, or upon suitable samples taken at said control namhole. The control manhole shall be located so that sampling of the industrial waste will be performed before discharge into the public sewer system.

Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the wastewater treatment and to determine the existence of hazards to life, limb, and property. (The particular analyses involved will determine whether a twenty-four (24) hour composite of all outfalls of a premise is appropriate or whether a grab sample should be taken. Normally, but not always, COD BOD, and Settleable Solids analyses are obtained from twenty-four (24) hour composites al fll outfalls whereas pH's are determined from periodic grab samples.)

Section 13. The governing body of the Village of Fort Sumner, New Mexico, shall take necessary steps to establish a rate schedule for sewer service that assures an equitable system of cost recovery. The purpose hereof is that the industrial users shall pay for the costs incurred by the giverning body of the Village of Fort Sumner, New Mexico, in the construction, operation and maintenance of that portion of the wastewater facilities related to industrial wastes.

Section 14. The cost revocery system shall satisfy the following conditions:

(a) The apportionment of costs must take into consideration the individual industrial user's contribution as related to the total waste load taking into account the volume and strength of all discharges.

(b) The costs to be considered should include, but are not limited to:

1. amortization of the applicant's indebtedness for the cost of the treatment facilities (plant and interceptors).
2. operation and maintenance of the treatment facilities.
3. any additional costs which are necessary to assure adequate treatment on a continous basis.

(c) substantial prepayment of the capital investment or other financial commitments will be required from each industry that contributes 30% or more of the total volume or strength of the waste load to be treated by the project.

Section 15. A charge will be assessed against persons discharging industrial liquid wastes which are of a greater strength and volume than normal, untreated domestic wastewater. Normal untreated domestic wastewater is defined as having a maximum yearly average biochemical oxygen demand and chemical oxygen demand not in excess of 200 milligrams per liter and 400 milligrams per liter, respectively. The same sewage is considered to contain settleable solids not in excess of 5.0 milliliters per liter. The annual industrial charge will be the largest value which results from application of the following mathematical relationships:

$$IC = A + (K)\,(V)\,\left[1 + \frac{a)SS - 5)}{5} + \frac{b(BOD - 200)}{200}\right]$$

or

$$IC = A + (K)\,(V)\,\left[1 + \frac{a(SS - 5)}{5} + \frac{b(COD - 400)}{400}\right]$$

Where:

IC = Industrial Charge, dollars per year
V = Volume discharge, million gallons per year
SS = Settleable Solids of a given industrial waste, ml/l
a = that fraction of the total cost which is attributable to settleable solids removal
b = that fraction of the total cost which is attributable to either chemical oxygen demand removal or biochemical oxygen demand removal.
A = Basic annual charge levied for being connected; whether or not sewage or other wastewaters are being discharged to the system, dollars per year.

K = Annual charge per unit volume of waste, dollars per million gallons

COD = Chemical oxygen demand of waste, mg/l

BOD = Biochemical oxygen demand of a waste mg/l

If settleable solids concentration is less than 5 ml/l, chemical oxygen demand is less than 400 mg/l, and biochemical oxygen demand is less than 200 mg/l, the charge shall be based on volume alone, and the following formula shall apply:

$$IC = A + (K)(V)$$

where the terms are as defined above.

Section 16. Every person convicted of a violation of this ordinance shall be punished by a fine of not more than $300.00 or by imprisonment for not more than 90 days or both and each day this oridnance is violated shall constitute a separate offense. The conviction and punishment of any person for a violation shall not excuse or exempt such person from the payment of any fee due or unpaid at the time of such conviction and nothing herein shall prevent a criminal prosecution of any violation of the provisions of this ordinance.

All remidies prescribed or liens created hereunder or under the provisions of the law for collection and enforcement of the fees shall be cumulative and the use of one or more remedies by the Village of Fort Sumner shall not bar the use of any other remedy for the purpose of enforcing the provisions of this ordinance or any liens created by the law. The fees fixed by this ordinance shall be a lien in favor of the Village of Fort Sumner upon the personal property of the person used in connection with the sewer use which gave rise to the fee and such lien shall be imposed, collected, enforced and paid as provided by the law. No preperty of any person shall be exempt from levy and sale of execution issued for the collection of a judgment for any fee imposed by this ordinance.

Section 17. (A "repealer" section can only be developed with reference to existing ordinances.)

Section 18. If any part or parts or application of any part of this ordinance is held invalid, such holding shall not affect the validity of the remaining parts of this ordinance. The Village of Fort Sumner hereby declares that it would have passed the remaining parts of this ordinance even if it had known that such part or application of any part thereof would be declared invalid and it is the intent of the Village of Fort Sumner that the unaffected remainder of the ordinance continue in force. Because of the fact the Village of Fort Sumner does not now have an adequate industrial sewer use code, this ordinance is necessary for the preservation of the public health, peace and safety of the inhabitants of the Village of Fort Sumner, New Mexico, and is hereby declared to be an emergency measure on the ground of urgent public need.

PASSED, ADOPTED, SIGNED AND APPROVED THIS 11th DAY OF October, 1976.

Floyd E. Wood

Floyd E. Wood Mayor- Protem

Attest:

Dona Andreas

Dona Andreas, Village Clerk

Appendix 3

WWTP Improvements
Bid Tab
Document

A. **LUMP SUM PRICE**- Base Bid (please use typewriter or print legibly) (use words):

Item No.	Description	Unit	Qty	Unit Price	Extension
1	**Construction Mobilization and Demobilization**, compl.	LS	1		
2	**Construction Staking and Record Drawings.**	LS	1		
3	**Replacement Floats for level control for Digester Basin**	LS	1		
4	**Remove and Replace Mixers and Mooring**. Digester: New (1) 3 HP DDM Mixer. New (1) Mixer restrained mooring components.	LS	1		
5	**Remove and Replace Diffusers and Winch.** Digester: New (1) Retrievable coarse bubble diffuser components. New (1) manual winch	LS	1		
6	**Remove and Replace Pumps.** Digester: New (1) 3 HP submersible pump assembly, 3" manual eccentric plug valve, 3" check valve, stainless steel lifting chain, and grip eye system. All pump discharge piping to be replaced to digester basin with 304 Stainless Steel Pipe.	LS	1		
7	**Install new ultrasonic flowmeter** in Parshall flume including wall mount bracket, sunshade and Flowlink software.	EA	2		
8	**Electrical Improvements** for Influent flowmeter placement, compl.	LS	1		
9	**Utility Relocation/Repair** - Allowance	LS	1	$20,000	$20,000
				BASE BID--SUBTOTAL FOR BID ITEMS 1 THRU 9	
				NMGRT @ 8.0625%: (EFFECTIVE NMGRT RATE FOR VILLAGE OF FORT SUMNER)	
				TOTAL BASE BID PLUS NMGRT	
(Total Amount in Words)_____ _____Dollars					

All specific cash allowances are included in the price(s) set forth above.

B. ADDITIVE/DEDUCTIVE ALTERNATE 1

Item No.	Description	Unit	Qty	Unit Price	Extension
1	Remove existing automatic bar screen equipment, including panel.	LS	1		

2	Install new rake automatic bar screen, or engineer approved equal, including deadplate heat pad, new floats for operation, any necessary grout channel modifications, and panel, compl.	LS	1		
3	Electrical Improvements for Bar Screen	LS	1		
BID ALTERNATE 1- - SUBTOTAL FOR BID ITEMS 1 THRU 3					
NMGRT @ 8.0625%: (EFFECTIVE NMGRT RATE FOR VILLAGE OF FORT SUMNER)					
TOTAL BID ALTERNATE 1 PLUS NMGRT					
(Total Amount in Words)_____ Dollars					

C. ADDITIVE/DEDUCTIVE ALTERNATE 2

Item No.	Description	Unit	Qty	Unit Price	Extension
1	Remove and dispose of existing slide gate, compl.	EA	2		
2	Install new slide gate, grout gate embedment, compl.	EA	2		
3	Remove and dispose of existing 1/4" STL proportional weir plates, compl.	EA	2		
4	Install New 1/4" STL proportional weir plates, mounted to channel with 1/2" SS anchor bolts, washers, and nuts, compl.	EA	2		
5	Remove and dispose of all existing lift station equipment including panel, elbows, pumps, rails, and fittings up to the ground line penetration to SBR, compl.	LS	1		
6	Install new lift station equipment including panel, 2 Pumps, rails, elbows, and all associated fittings up to the ground line penetration to SBR, compl.	LS	1		
7	Temporary bypass for headworks equipment installation including piping, pumps, labor, fuel generator, compl.	LS	1		
Item No.	**Description**	**Unit**	**Qty**	**Unit Price**	**Extension**
8	Electrical Improvements	LS	1		
BID ALTERNATE 2- - SUBTOTAL FOR BID ITEMS 1 THRU 8					
NMGRT @ 8.0625%:					

(EFFECTIVE NMGRT RATE FOR VILLAGE OF FORT SUMNER)	
TOTAL BID ALTERNATE 2 PLUS NMGRT	
(Total Amount in Words)	Dollars

D. ADDITIVE/DEDUCTIVE ALTERNATE 3

Item No.	Description	Unit	Qty	Unit Price	Extension
1	**Remove and Replace Valves.** SBR: New (2) 6" electrically operated eccentric plug influent valves with electric actuator. New (2) 6" electrically operated butterfly valve with actuator. Spare Parts: New (1) 6" manual eccentric plug valve. New (1) 10" manual butterfly valve. New (1) 6" manual butterfly valve. Includes replacement floats for level control for both the SBR basins.	LS	1		
2	**Remove and Replace Mixers and Mooring**. SBR: New (2) 7.5 HP Stainless Steel Mixer Power Section. New (2) Mixer electrical cable systems.	LS	1		
3	**Remove and Replace SBR Decanter.** SBR: New (2) Decanter assemblies including fiberglass floats, power section heater, and 8" electrically operated butterfly valves.	LS	1		
4	**Remove and Replace Diffusers and Winch.** SBR: New (4) Retrievable fine bubble diffusers components. New (1) Diffuser electric winch.	LS	1		
5	**Remove and Replace Pumps.** SBR: New (2) 2.4 HP Submersible pump assemblies, 3" manual eccentric plug valve, 3" check valves, stainless steel lifting chains, and grip eye systems. All pump discharge piping to be replaced to digester basin with 304 Stainless Steel Pipe.	LS	1		
6	Temporary bypass for SBR equipment installation including tank, piping, pumps, labor, fuel, generator, compl.	LS	1		
Item No.	**Description**	**Unit**	**Qty**	**Unit Price**	**Extension**
7	**Utility Relocation/Repair** - Allowance	LS	1	$20,000	$20,000
	BID ALTERNATE 3- - SUBTOTAL FOR BID ITEMS 1 THRU 7				
				NMGRT @ 8.0625%:	

(EFFECTIVE NMGRT RATE FOR VILLAGE OF FORT SUMNER)	
TOTAL BID ALTERNATE 3 PLUS NMGRT	
(Total Amount in Words)_____ _____Dollars	

E. ADDITIVE/DEDUCTIVE ALTERNATE 4

Item No.	Description	Unit	Qty	Unit Price	Extension
1	Controls Package Upgrade, does not include starters, compl.	LS	1		
2	**Remove and Replace Level Sensors.** SBR: New (2) Pressure Transducer assemblies including stainless steel submersible pressure transducers, mounting brackets, mounting pipe weldments, and stainless steel anchors. Digester: New (1) Pressure Transducer assembly including stainless steel submersible pressure transducers, stilling well, mounting brackets, mounting pipe weldments, and stainless steel anchors. New (1) Level Sensor Assembly including float switches, mounting brackets, and stainless steel anchors.	LS	1		
3	Electrical Improvements for Sensors	LS	1		
BID ALTERNATE 4- - SUBTOTAL FOR BID ITEMS 1-3					
NMGRT @ 8.0625%: (EFFECTIVE NMGRT RATE FOR VILLAGE OF FORT SUMNER)					
TOTAL BID ALTERNATE 4 PLUS NMGRT					
(Total Amount in Words) Dollars					

F. ADDITIVE/DEDUCTIVE ALTERNATE 5

Item No.	Description	Unit	Qty	Unit Price	Extension
1	**Remove and Replace Blowers.** SBR: New (4) 10 HP Positive Displacement Blower package including 2.5" inlet accessory package and 2" discharge accessory package. Digester: New (2) 7.5 HP Positive Displacement Blower package including 2" inlet accessory package and 2" discharge accessory package.	LS	1		
				BID ALTERNATE 5 - SUBTOTAL FOR BID ITEM 1	
				NMGRT @ 8.0625%: (EFFECTIVE NMGRT RATE FOR VILLAGE OF FORT SUMNER)	
				TOTAL BID ALTERNATE 5 PLUS NMGRT	
(Total Amount in Words)_____					Dollars

Appendix 4

Proposed
Improvements Work Sequence

SECTION 01014

WORK SEQUENCE

PART 1 GENERAL

1.01 WORK SEQUENCE

A. All work shall be accomplished with the following considerations:
1. Treatment of wastewater cannot be interrupted.
2. Conversion from existing equipment to new equipment will be directed by the Engineer and coordinated with the Contractor and plant operators. Any outage must occur during approved time.
3. Temporary bypass pumping or piping will be required, see Section 01510.
4. Contractor shall get approval from the Engineer and plant operators on final sequence of work.
5. Contractor is ultimately responsible for determining the number and duration (with Owner's approval) of shutdowns required to accomplish the work. It is anticipated that Bypass pumping will be required during the work period. Contractor shall be responsible for all bypass pumping during the required time they are in operation.
6. Contractor shall be responsible for managing the work plan and schedule and shall submit a plan to the Engineer promptly after award of the Contract as per Section 01310. Neither the Owner nor the Engineer will assume this responsibility.
7. Elevation and location connections to all existing piping shall be verified prior to the start of any construction on that pipe segment.
8. Sequencing operation other than that described in this specification will be considered if the contractor has specialized equipment that may be utilized to simplify the process.
9. Performance Testing to be done on all new systems as work is completed.

B. The proposed improvements will be accomplished in the following general sequence:

Base Bid:

Influent and Effluent Flowmeters

1. Remove and replace influent and effluent flow meters. Bypass of the headworks or effluent parshall flumes is not necessary, all processes are to remain fully operational during the work.

SBRs and Digester

2. Sludge beds are to be emptied by owner prior to the commencement of SBR and Digester work.
3. Digester basin is to be drained; a bypass pump from the basin to the sludge

beds will be used for the sludge and the decant will be sent back to the headworks. Once empty the digester is to be pressure washed by the contractor. Prior to the commencement of the equipment replacement work by the contractor the owner shall inspect existing components in the basin. Upon completion of all the replacement work by the contractor in the digester basin, all equipment shall be tested prior to returning to operation. This may be done using 5' of clear water. Work within the digester is to be completed within 10 consecutive days to avoid treatment process disturbance. If work in digester is expected to last longer than 6 consecutive days, the SBRs are to be wasted directly to the sludge beds.

4. Contractor to set up bypass pumping and tank and then empty SBR#1 completely. See plans for more detailed description of work for cleaning and draining.
5. Lift sludge pumps and fine bubble diffusers out of SBR#1 and replace. Remove and replace remaining equipment in the basin including the valves specified, mixer power section and mooring, decanter assembly, and level sensors.
6. Return the level of SBR #1 to normal, re-seed per plans. Perform ORT and FDT testing per Specification 01650 and upon successful test completion, retain both SBR#1 and SBR#2 in operation for fourteen (14) days to verify that SBR#1 is operating correctly.
7. Reconfigure the bypass pumping and tank to switch basins, and drain SBR#2. See plans for more detailed description of work for cleaning and draining.
8. Lift sludge pumps and fine bubble diffusers out of SBR #2 and replace. Remove and replace remaining equipment in SBR#2 including the valves specified, mixer power section and mooring, decanter assembly, and level sensors. Refill and re-seed basin as per plan set. Perform ORT and FDT testing per Specification 01650 on SBR #2.
9. At the completion of all removal and replacement work and ORT and FDT testing for all the components in the SBR basins and digester basin, perform PT testing.

Alternate 1

Bar Screen Replacement

10. Close Slide Gate 1 (SG1) and install temporary structure to contain flows at Slide Gate 2 (SG2), ensure that there is a full watertight seal and that there is no water remaining in the channel between the two gates. If necessary provide temporary grouting.
11. Remove existing bar screen, place removed equipment in owner approved location on site, and install new bar screen per manufacturer's recommendations.
12. Perform ORT, FDT, and PT testing on the installed equipment.

Alternate 2

Remaining Headworks Improvements

13. Close Slide Gate 3 (SG3). Contractor to install temporary structure to contain flows after manual bar screen and before SG4 to allow removal and replacement of SG4.
14. Install bypass of headworks from downstream location of manual bar screen. Provide temporary pump equipment and piping in accordance with section 01510. Contractor to coordinate this bypass with plant staff to be during a low flow period.
15. Replace Slide Gate 4 (SG4) and leave SG4 in the closed position. The temporary flow containment structure can be removed. Bypass to remain in place.
16. Open SG3 and close SG1 so that the automatic bar screen channel is bypassed and flow is being directed through the manual bar screen prior to the SBR basins.
17. Remove and replace SG2, owner to maintain. Remove and replace the proportional weir plates, the lift station pumps equipment and piping materials, and recoat the lift station wet well.

Alternate 3

Blowers

18. Remove and replace two valves on lower header. Shut down of the blower facility should not exceed two hours and must be coordinated with the Village.
19. Remove blower enclosure roof to allow access from above to blowers and set aside.
20. Remove and replace Digester Blowers, either blower #5 or #6 must remain operational at all times.
21. Remove and replace SBR blowers, for blowers #1 to #4, only two blowers may be taken out of service at a time. Two (2) blowers must remain operational at all times.
22. Reinstall blower enclosure roof.
23. Perform ORT, FDT, and PT testing on the installed equipment.

1.02 ELECTRICAL WORK SEQUENCE

A. Electrical work shall be accomplished in the following sequence to maintain uninterrupted treatment plant operation.

1. CONTRACTOR shall coordinate the electrical outages with OWNER'S Representative. Best times may be between 10 p.m. and 6 a.m. during low flow periods.

2. Diesel fuel for Existing Stand-by Generator use during planned and approved outages shall be at CONTRACTOR expense.

B. CONTRACTOR shall submit for approval a plan in writing addressing all points in Section 1.02.D. The plan shall include estimated work lengths for all work outlined in this specification, days and times of Work for coordination and scheduling with OWNER'S Representative and contingency plans for extended period treatment plant shutdown.

C. CONTRACTOR may submit for approval by ENGINEER and OWNER'S Representative an alternate sequence plan in the event that installations may be accomplished in phases to better facilitate Work.

D. Work Sequence for Electrical Work:

1. Complete work to upgrade the SBR Control Panel for the SBR and Digester upgrades.

2. Complete work at Headworks, including installation of influent flow meter; lift station replacement; bar screen replacement; and all other materials installation such as boxes, conduit, conductors, etc.

3. Complete work at effluent channel, including installation of effluent flow meter, and all other materials installation such as boxes, conduit, conductors, etc.

4. Complete work at SBR and Digester basins, including disconnecting and reconnecting at blowers, mixers, and sludge pumps for equipment replacement; replacement of float switches; installation of pressure transducers, and all other materials installation such as boxes, conduit, conductors, etc.

5. Complete work at Control Building, including installation of flow meter transmitters, circuit breakers in existing panels, and all other materials installation such as boxes, conduit, conductors, etc.

6. Support all equipment ORT, FDT, and PT efforts accordingly.

7. Complete electrical demolition work and clean-up.

1.01 TEMPORARY EQUIPMENT

A. Provide all temporary piping and pumping equipment when necessary to keep plant functioning properly.

B. Lay temporary piping above ground and protect as necessary from traffic.

C. See Section 01510.

END OF SECTION

Appendix 5

Review of the ICIS database for the period from January 1, 2020, to September 19, 2022

ADD SINGLE EVENT VIOLATION

List of Violations Related to the Permit

Record Numbers 1 to 149

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
Single Event Violation	A0012 Effluent Violations - Numeric effluent violation	A0012	02/01/2022			Delete
Schedule Violation	1 A CS032 Other (See Comments)	C10	01/01/2020			
Schedule Violation	1 A CS032 Other (See Comments)	C20	01/01/2020			
Schedule Violation	1 A CS032 Other (See Comments)	C30	01/01/2020			
Schedule Violation	1 A CS032 Other (See Comments)	C40	01/01/2020			
Schedule Violation	1 A 14099 Analytical Methods Report	C40	07/01/2020	N-08/01/2020	5-08/01/2020	
Schedule Violation	1 A CS031 Achieve Final Compliance With All Obligations Under This order	C40	08/01/2022			
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q1	D90	01/31/2020	N-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q2	D90	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C2	D90	01/31/2020	N-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C3	D90	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C1	D90	01/31/2020			

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C3	D90	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q1	D90	01/31/2020	N-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q2	D90	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C2	D90	01/31/2020	N-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C3	D90	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C1	D80	01/31/2020	N-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C2	D80	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C3	D80	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 50060 Chlorine, total residual Disinfection, Process Complete Season ID:0 C3	D90	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 50076 BOD, percent removal [total] Effluent Gross Season ID:0 C1	D90	01/31/2020			
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C2	D90	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C3	D90	01/31/2020	K-03/30/2020	2-05/28/2020	
DMR Non-Receipt Violation	001 A 81011 Solids, suspended percent removal Effluent Gross Season ID:0 C1	D90	01/31/2020			
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q1	D90	04/30/2020	N-06/28/2020	2-10/26/2020	

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q2	D90	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C2	D90	04/30/2020	N-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C3	D90	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C1	D90	04/30/2020			
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C3	D90	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q1	D90	04/30/2020	N-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q2	D90	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C2	D90	04/30/2020	N-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C3	D90	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C1	D80	04/30/2020	N-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C2	D80	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C3	D80	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50060 Chlorine, total residual Disinfection, Process Complete Season ID:0 C3	D90	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50076 BOD, percent removal [total] Effluent Gross Season ID:0 C1	D90	04/30/2020			

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C2	D90	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C3	D90	04/30/2020	K-06/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 81011 Solids, suspended percent removal Effluent Gross Season ID:0 C1	D90	04/30/2020			
DMR Non-Receipt Violation	TX1 S 22414 Whole effluent toxicity Effluent Gross Season ID:0 C1	D90	04/30/2020			
Effluent Violation	TX1 S 22414 Whole effluent toxicity Effluent Gross Season ID:0 C1	E90	04/30/2020			
DMR Non-Receipt Violation	TX1 S 22414 Whole effluent toxicity Effluent Gross Season ID:0 C2	D90	04/30/2020			
Effluent Violation	TX1 S 22414 Whole effluent toxicity Effluent Gross Season ID:0 C2	E90	04/30/2020			
DMR Non-Receipt Violation	TX1 S TGP3B Pass/Fail Static Renewal 7 Day Chronic Ceriodaphnia Effluent Gross Season ID:0 C1	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TGP3B Pass/Fail Static Renewal 7 Day Chronic Ceriodaphnia Effluent Gross Season ID:0 C2	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TGP6C Pass/Fail Statre 7Day Chronic Pimephales Promelas Effluent Gross Season ID:0 C1	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TGP6C Pass/Fail Statre 7Day Chronic Pimephales Promelas Effluent Gross Season ID:0 C2	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TLP3B Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C1	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TLP3B Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C2	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TLP6C Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TLP6C Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2	D80	04/30/2020			

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	*TX1 S TOP3B NOEC Lethal Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C1*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TOP3B NOEC Lethal Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C2*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TOP6C NOEC Lethal Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TOP6C NOEC Lethal Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TPP3B NOEC Sub-Lethal Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C1*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TPP3B NOEC Sub-Lethal Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C2*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TPP6C NOEC Sub-Lethal Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TPP6C NOEC Sub-Lethal Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TQP3B Coef Of Var Statre 7Day Chronic Ceriodaphnia Effluent Gross Season ID:0 C1*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TQP3B Coef Of Var Statre 7Day Chronic Ceriodaphnia Effluent Gross Season ID:0 C2*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TQP6C Coef Of Var Statre 7Day Chronic Pimephales Effluent Gross Season ID:0 C1*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TQP6C Coef Of Var Statre 7Day Chronic Pimephales Effluent Gross Season ID:0 C2*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TXP3B LOEC Lethal Survival Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C1*	*D80*	*04/30/2020*			
DMR Non-Receipt Violation	*TX1 S TXP3B LOEC Lethal Survival Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C2*	*D80*	*04/30/2020*			

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	TX1 S TXP6C LOEC Lethal Survival Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TXP6C LOEC Lethal Survival Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TYP3B LOEC Sub-Lethal Reproduction Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C1	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TYP3B LOEC Sub-Lethal Reproduction Static Renewal 7 Day Chronic Ceriodaphnia dubia Effluent Gross Season ID:0 C2	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TYP6C LOEC Sub-Lethal Reproduction Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1	D80	04/30/2020			
DMR Non-Receipt Violation	TX1 S TYP6C LOEC Sub-Lethal Reproduction Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2	D80	04/30/2020			
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q1	D90	05/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q2	D90	05/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C2	D90	05/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C3	D90	05/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C1	D90	05/31/2020			
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C3	D90	05/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q1	D90	05/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q2	D90	05/31/2020	K-09/28/2020	2-10/26/2020	

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C2	D90	05/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C3	D90	05/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C1	D80	05/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C2	D80	05/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C3	D80	05/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50060 Chlorine, total residual Disinfection, Process Complete Season ID:0 C3	D90	05/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50076 BOD, percent removal [total] Effluent Gross Season ID:0 C1	D90	05/31/2020			
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C2	D90	05/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C3	D90	05/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 81011 Solids, suspended percent removal Effluent Gross Season ID:0 C1	D90	05/31/2020			
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q1	D90	06/30/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q2	D90	06/30/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C2	D90	06/30/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C3	D90	06/30/2020	K-09/28/2020	2-10/26/2020	

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C1	D90	06/30/2020			
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C3	D90	06/30/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q1	D90	06/30/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q2	D90	06/30/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C2	D90	06/30/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C3	D90	06/30/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C1	D80	06/30/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C2	D80	06/30/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C3	D80	06/30/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50060 Chlorine, total residual Disinfection, Process Complete Season ID:0 C3	D90	06/30/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50076 BOD, percent removal [total] Effluent Gross Season ID:0 C1	D90	06/30/2020			
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C2	D90	06/30/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C3	D90	06/30/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 81011 Solids, suspended percent removal Effluent Gross Season ID:0 C1	D90	06/30/2020			

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q1	D90	07/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 Q2	D90	07/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C2	D90	07/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00310 BOD, 5-day, 20 deg. C Effluent Gross Season ID:0 C3	D90	07/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C1	D90	07/31/2020			
DMR Non-Receipt Violation	001 A 00400 pH Effluent Gross Season ID:0 C3	D90	07/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q1	D90	07/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 Q2	D90	07/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C2	D90	07/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 00530 Solids, total suspended Effluent Gross Season ID:0 C3	D90	07/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C1	D80	07/31/2020	N-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C2	D80	07/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50050 Flow, in conduit or thru treatment plant Effluent Gross Season ID:0 C3	D80	07/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 50060 Chlorine, total residual Disinfection, Process Complete Season ID:0 C3	D90	07/31/2020	K-09/28/2020	2-10/26/2020	

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	001 A 50076 BOD, percent removal [total] Effluent Gross Season ID:0 C1	D90	07/31/2020			
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C2	D90	07/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C3	D90	07/31/2020	K-09/28/2020	2-10/26/2020	
DMR Non-Receipt Violation	001 A 81011 Solids, suspended percent removal Effluent Gross Season ID:0 C1	D90	07/31/2020			
Effluent Violation	001 A 51040 E. coli Effluent Gross Season ID:0 C3	E90	09/30/2020			
Effluent Violation	TX1 S 22414 Whole effluent toxicity Effluent Gross Season ID:0 C1	E90	10/31/2020			
Effluent Violation	TX1 S 22414 Whole effluent toxicity Effluent Gross Season ID:0 C2	E90	10/31/2020			
DMR Non-Receipt Violation	TX1 S TGP6C Pass/Fail Statre 7Day Chronic Pimephales Promelas Effluent Gross Season ID:0 C1	D80	10/31/2020			
DMR Non-Receipt Violation	TX1 S TGP6C Pass/Fail Statre 7Day Chronic Pimephales Promelas Effluent Gross Season ID:0 C2	D80	10/31/2020			
DMR Non-Receipt Violation	TX1 S TLP6C Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1	D80	10/31/2020			
DMR Non-Receipt Violation	TX1 S TLP6C Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2	D80	10/31/2020			
DMR Non-Receipt Violation	TX1 S TOP6C NOEC Lethal Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1	D80	10/31/2020			
DMR Non-Receipt Violation	TX1 S TOP6C NOEC Lethal Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2	D80	10/31/2020			
DMR Non-Receipt Violation	TX1 S TPP6C NOEC Sub-Lethal Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1	D80	10/31/2020			
DMR Non-Receipt Violation	TX1 S TPP6C NOEC Sub-Lethal Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2	D80	10/31/2020			

Violation Type	Violation Information	Violation Code	Violation Date	RNC Detection Code-Date	RNC Resolution Code-Date	Action
DMR Non-Receipt Violation	*TX1 S TQP6C Coef Of Var Statre 7Day Chronic Pimephales Effluent Gross Season ID:0 C1*	*D80*	*10/31/2020*			
DMR Non-Receipt Violation	*TX1 S TQP6C Coef Of Var Statre 7Day Chronic Pimephales Effluent Gross Season ID:0 C2*	*D80*	*10/31/2020*			
DMR Non-Receipt Violation	*TX1 S TXP6C LOEC Lethal Survival Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1*	*D80*	*10/31/2020*			
DMR Non-Receipt Violation	*TX1 S TXP6C LOEC Lethal Survival Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2*	*D80*	*10/31/2020*			
DMR Non-Receipt Violation	*TX1 S TYP6C LOEC Sub-Lethal Reproduction Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C1*	*D80*	*10/31/2020*			
DMR Non-Receipt Violation	*TX1 S TYP6C LOEC Sub-Lethal Reproduction Static Renewal 7 Day Chronic Pimephales promelas Effluent Gross Season ID:0 C2*	*D80*	*10/31/2020*			
Effluent Violation	*TX1 S 22414 Whole effluent toxicity Effluent Gross Season ID:0 C1*	*E90*	*10/31/2021*			
Effluent Violation	*TX1 S 22414 Whole effluent toxicity Effluent Gross Season ID:0 C2*	*E90*	*10/31/2021*			
Effluent Violation	*001 A 51040 E. coli Effluent Gross Season ID:0 C3*	*E90*	*02/28/2022*			

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