# Stormwater Pollution Prevention Plan

# for:

City of Santa Fe – Paseo Real Wastewater Treatment Plant
73 Paseo Real
Santa Fe, NM 87507
505.955.4650

## SWPPP Contact(s):

Director – Shannon Jones
73 Paseo Real
Santa Fe, NM 87507
505.955.4650
FAX: 505.955.4677
swjones@santafenm.gov

## SWPPP Preparation Date:

8/26/2015

Page Intentionally Blank

# Table of Contents

# SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION.

## *1.1 Facility Information.*

**Instructions:**

- You will need the information from this section to complete your NOI.
- For further instruction, refer to the 2015 MSGP NOI form and instructions – specifically sections C and D of the NOI. A copy of the 2015 MSGP NOI is available at www.epa.gov/npdes/stormwater/msgp (Appendix G of the permit)
- You must include a copy of the 2015 MSGP, or a reference or link to where a copy can be found, in Attachment C of your SWPPP.

**Facility Information**

Name of Facility: City of Santa Fe – Paseo Real Wastewater Treatment Plant

Street: 73 Paseo Real

City: Santa Fe State: NM ZIP Code: 87507

County or Similar Subdivision: Santa Fe County

NPDES ID (i.e., permit tracking number): NMR05GP02 (if covered under a previous permit)

Primary Industrial Activity SIC code, and Sector and Subsector (2015 MSGP, Appendix D and Part 8):

TW, T, T1: Treatment Works

Co-located Industrial Activity(s) SIC code(s), Sector(s) and Subsector(s) (2015 MSGP, Appendix D):

_____

**Latitude/Longitude**

Latitude: 35 .631225º N (decimal degrees)

Longitude: 106. 088578º W (decimal degrees)

**Method for determining latitude/longitude (check one):**

☐USGS topographic map (specify scale:_____) ☒GPS

☐Other (please specify): _____

**Horizontal Reference Datum (check one):**

☐NAD 27 ☐NAD 83 ☒WGS 84

Is the facility located in Indian country? ☐Yes ☒No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable."_____

_____

Are you considered a "federal operator" of the facility?

**Federal Operator** – an entity that meets the definition of "operator" in this permit and is either any department, agency or instrumentality of the executive, legislative and judicial branches of the Federal government of the United States, or another entity, such as a private contractor, operating for any such department, agency, or instrumentality.

☐Yes ☒No

Estimated area of industrial activity at site exposed to stormwater: 147.7 (acres)

**Discharge Information**

Does this facility discharge stormwater into a municipal separate storm sewer system (MS4)? ☒Yes ☐No

If yes, name of MS4 operator: City of Santa Fe

Name(s) of surface water(s) that receive stormwater from your facility: Santa Fe River

Does this facility discharge industrial stormwater directly into any segment of an "impaired water" (see definition in 2015 MSGP, Appendix A)? ☒Yes ☐No

If Yes, identify name of the impaired water(s) (and segment(s), if applicable): Santa Fe River (Segment 20.6.4.113)

Identify the pollutant(s) causing the impairment(s):
Nitrogen, Phosphorous

Which of the identified pollutants may be present in industrial stormwater discharges from this facility?

Unknown/never been sampled

Has a Total Maximum Daily Load (TMDL) been completed for any of the identified pollutants? If yes, please list the TMDL pollutants: No

Does this facility discharge industrial stormwater into a receiving water designated as a Tier 2, Tier 2.5 or Tier 3 water (see definitions in 2015 MSGP, Appendix A)? ☐Yes ☒No

Are any of your stormwater discharges subject to effluent limitation guidelines (ELGs) (2015 MSGP Table 1-1)? ☐Yes ☒No

If Yes, which guidelines apply? _____

## *1.2 Contact Information/Responsible Parties.*

**Instructions:**

- List the facility operator(s), facility owner and SWPPP contact(s). Indicate respective responsibilities, where appropriate.
- You will need the information from this section of the SWPPP Template for your NOI.
- Refer to Section B of the NOI instructions (available in Appendix G of the 2015 MSGP).

**Facility Operator(s):**

Name: Shannon Jones (Director)
Address: 73 Paseo Real
City, State, Zip Code: Santa Fe, NM, 87506
Telephone Number: 505-955-4650
Email address: swjones@santafenm.gov
Fax number: 505-955-4677

*(repeat for multiple operators by copying and pasting the above rows)*

**Facility Owner(s):**

Name: City of Santa Fe
Address: P.O. Box 909
City, State, Zip Code: Santa Fe, NM, 87506
Telephone Number: 505-955-4650
Email address: swjones@santafenm.gov
Fax number: 505-955-4677

*(repeat for multiple operators by copying and pasting the above rows)*

**SWPPP Contact(s):**

SWPPP Contact Name (Primary): Luis Orozco (Plant Superintendent)
Telephone number: 505-955-4615
Email address: lgorozco@santafenm.gov
Fax number: 505-955-4677

SWPPP Contact Name (Backup): Sherman Bilbo (Assistant Plant Superintendent)
Telephone number: 505-955-4682
Email address: swbilbo@santafenm.gov
Fax number: 505-955-4677

## *1.3 Stormwater Pollution Prevention Team.*

**Instructions (see 2015 MSGP Part 5.2.1):**

The stormwater pollution prevention team is responsible for overseeing development of and any modifications to the SWPPP, implementing and maintaining control measures/BMPs, and taking corrective actions when required. Each member of the stormwater pollution prevention team must have ready access to the 2015 MSGP, the most updated copy of the facility SWPPP, and other relevant documents.

- Identify the staff members (by name and/or title) that comprise the facility's stormwater pollution prevention team as well as their individual responsibilities.
- EPA recommends, but does not require, the stormwater pollution prevention team include at least one individual from each shift to ensure that there is always a stormwater pollution prevention team member on-site.

| Staff Names | Individual Responsibilities |
|---|---|
| Director | Overall responsibility for the SWPPP including the coordination of all stages of plan development, inspections and implementation. |
| Plant Superintendent | Responsible for overall operation of the facility. The Superintendent ensures that inspections are conducted, that staff responds to all spill events, that BMP's are maintained and that training is conducted at regular intervals. |
| Assistant Plant Superintendent | Responsible for conducting inspections and monitoring and directing qualified staff to conduct inspections. |
| GIS Specialist | Responsible for creating, maintaining and updating all site maps. |
| Environmental Compliance Specialist | Assist with preparing, maintaining and revising the SWPPP. |
| Plant Personnel | Responsible for conducting visual assessment/monitoring. |

## *1.4 Site Description.*

**Instructions (see 2015 MSGP Part 5.2.2):**

Provide a general description of the "industrial activities" conducted at your facility. For the MSGP industrial activities consist of: manufacturing and processing; material handling activities including storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product, by-product or waste product; and vehicle and equipment fueling, maintenance and cleaning.

Industrial activities may occur at any of the following areas (list not exhaustive): industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and final products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to stormwater.

EPA recommends that you differentiate activities that occur indoors from those that occur outdoors and could be exposed to stormwater, or under cover but that could be exposed to run-on. Don't overlook processes that are vented and may contribute pollutants to the roof.

The City of Santa Fe Paseo Real Wastewater Treatment Plant (WWTP) has a design flow capacity of 13 million gallons per day (MGD). The City's WWTP produces and discharges reclaimed water and sewage sludge in compliance with U.S. Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) Permit NM0022292 and New Mexico Environment Department's (NMED) Permit DP 289, and DP 135. The City of Santa Fe WWTP practices a conventional treatment process and has an approved pretreatment program. The WWTP is composed of several units all of which work together to treat municipal sewage to produce an effluent which meets and exceeds all federal and state discharge requirements. The processes that take place at the facility include primary treatment (headworks, grit removal, primary clarifiers), secondary treatment (aeration basins, secondary clarifiers), tertiary treatment (filtration, ultraviolet disinfection and post aeration), and sludge handling facilities (dissolved air flotation, anaerobic sludge digestion, lime stabilization, sludge storage tanks, sludge drying beds, sludge dewatering, composting). Sludge surface injection takes place in an adjacent field which is permitted under NMED Discharge Permit 135. The WWTP facility also has a potable/non-potable discharge site and a septage receiving site.

## *1.5 General Location Map.*

**Instructions (see 2015 MSGP Part 5.2.2):**

Provide a general location map (e.g., U.S. Geological Survey (USGS) quadrangle map or aerial image from the internet) with enough detail to identify the location of your facility and all receiving waters for your stormwater discharges (include as Attachment A of this SWPPP Template).

The general location map for this facility can be found in Attachment A.

### *1.6 Site Map.*

**Instructions (see 2015 MSGP Part 5.2.2):**

Prepare a site map showing the following information. The site map will be included as Attachment B of the finished SWPPP.

- Boundaries of the property and the size of the property in acres;
- Location and extent of significant structures and impervious surfaces;
- Directions of stormwater flow (use arrows);
- Locations of all stormwater control measures;
- Locations of all receiving waters, including wetlands, in the immediate vicinity of your facility. Indicate which waterbodies are listed as impaired and which are identified by your state, tribe or EPA as Tier 2, Tier 2.5, or Tier 3 waters;
- Locations of all stormwater conveyances including ditches, pipes and swales;
- Locations of potential pollutant sources identified under Part 5.2.3.2;
- Locations where significant spills or leaks identified under Part 5.2.3.3 have occurred;
- Locations of all stormwater monitoring points;
- Locations of stormwater inlets and discharge points, with a unique identification code for each discharge point (e.g., Discharge points001, 002), indicating if you are treating one or more discharge points as "substantially identical" under Parts 3.2.3, 5.2.5.3, and 6.1.1, and an approximate outline of the areas draining to each discharge point;
- If applicable, MS4s and where your stormwater discharges to them;
- Areas of designated critical habitat for endangered or threatened species, if applicable.
- Locations of the following activities where such activities are exposed to precipitation:
    - fueling stations;
    - vehicle and equipment maintenance and/or cleaning areas;
    - loading/unloading areas;
    - locations used for the treatment, storage or disposal of wastes;
    - liquid storage tanks;
    - processing and storage areas;
    - immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility;
    - transfer areas for substances in bulk;
    - machinery; and
    - locations and sources of run-on to your site from adjacent property that contains significant quantities of pollutants.

The site map for this facility can be found in Attachment B.

# SECTION 2: POTENTIAL POLLUTANT SOURCES.

Section 2 will describe all areas at your facility where industrial materials or activities are exposed to stormwater or from which allowable non-stormwater discharges originate. Industrial materials or activities include, but are not limited to: material handling equipment or activities; industrial machinery; raw materials; industrial production and processes; and intermediate products, by-products, final products, and waste

products. Material handling activities include, but are not limited to: the storage, loading and unloading, transportation, disposal or conveyance of any raw material, intermediate product, final product or waste product. For structures located in areas of industrial activity, you must be aware that the structures themselves are potential sources of pollutants. This could occur, for example, when metals such as aluminum or copper are leached from the structures as a result of acid rain.

For each area identified, the SWPPP must include industrial activities, potential pollutants, spills and leaks, unauthorized non-stormwater discharges, salt storage, stormwater sampling data and descriptions of control measures.

## *2.1 Potential Pollutants Associated with Industrial Activity.*

**Instructions (see 2015 MSGP Parts 5.2.3.1 and 5.2.3.2):**

For the industrial activities identified in section 1.4 above, list the potential pollutants or pollutant constituents (e.g., motor oil, fuel, battery acid, and cleaning solvents).

In your list of pollutants associated with your industrial activities, include all significant materials that have been handled, treated, stored, or disposed, and that have been exposed to stormwater in the three years prior to the date you prepare your SWPPP.

| Industrial Activity | Associated Pollutants |
|---|---|
| Lime Storage | High pH, inorganic chemicals |
| Soda Ash Storage | pH |
| Sludge Field | Pathogens, nitrates, metals |
| Sludge Transfer | Nitrate, TDS, TSS, oil, fuel, hydraulic fluids, ammonia, pathogens |
| Diesel Fueling | Diesel Fuels, oils, solvents, and automotive wastes |
| Gasoline Fueling | Gasoline oils, solvents, and automotive wastes |
| Ferric Chloride Storage | Ferric chloride |
| Sludge Drying Beds | Nitrate, TDS, TSS, ammonia, pathogens |
| Septage Receiving Site | Nitrate, TDS, TSS, ammonia, pathogens |

## *2.2 Spills and Leaks.*

**Instructions (See 2015 MSGP Part 5.2.3.3):**

Include the following in this section:

- **Potential spills and leaks:** A description of where potential spills and leaks could occur at your site that could contribute pollutants to your stormwater discharge, and specify which discharge points are likely to be affected by such spills and leaks.
- **Past spills and leaks:** A description of significant spills and leaks in the past three years of oil or toxic or hazardous substances that actually occurred at exposed areas, or that drained to a stormwater conveyance.

*Note: Significant spills and leaks include, but are not limited to, releases of oil or hazardous substances in excess of quantities that are reportable under CWA Section 311 (see 40 CFR 110.6 and 40 CFR 117.21) or Section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 USC §9602.*

**Areas of Site Where Potential Spills/Leaks Could Occur**

| Location | Discharge Points |
|---|---|
| Lime Storage | Outfall #1 |
| Soda Ash Storage | Outfall #1 |
| Diesel Fueling | Outfall #6 |
| Gasoline Fueling | Outfall #6 |
| Ferric Chloride Storage | Outfall #2 |
| Sludge Field | Outfall #4 |

**Description of Past Spills/Leaks**

No significant spills or leaks in the past three years.

| Date | Description | Discharge Points |
|---|---|---|
| | | |

## *2.3 Unauthorized Non-stormwater Discharges Documentation.*

**Instructions (see 2015 MSGP Part 5.2.3.4):**

Part 1.1.3 of the 2015 MSGP identifies allowable non-stormwater discharges. The questions below require you to provide documentation of the following:

- Evaluation for the presence of unauthorized non-stormwater discharges at your site; and
- Elimination of any unauthorized non-stormwater discharges.

Description of this facility's unauthorized non-stormwater discharge evaluation:

- Date of evaluation: August 17, 2015
- Description of the evaluation criteria used: Visual Inspection
- List of the drainage points that were directly observed during the evaluation: Outfall #1, #2, #3, #4, #5, and #6
- Action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), or documentation that a separate NPDES permit was obtained. For example, a floor drain was sealed, a sink drain was re-routed to the sanitary sewer or an NPDES permit application was submitted for an unauthorized cooling water discharge: Not applicable

## *2.4 Salt Storage.*

**Instructions (see 2015 MSGP Part 5.2.3.5):**

Document the location of any storage piles containing salt used for deicing or other commercial or industrial purposes.

*Note: you will be asked additional questions concerning salt storage in Section 3.1.7 of this SWPPP template, below.*

Salt is not stored on-site.

### *2.5 Sampling Data Summary.*

**Instructions (See 2015 MSGP Part 5.2.3.6):**

Summarize all stormwater sampling data collected from your permitted discharge points during the previous permit term. Include a narrative description that summarizes the collected data to support identification of potential pollution sources. Note that data tables and/or figures may be used to aid the summary.

No stormwater sampling data or other chemical or biological testing that characterizes the quality of the stormwater is currently available for the facility. There are no records of past stormwater sampling for this site.

# SECTION 3: STORMWATER CONTROL MEASURES.

**Instructions (See 2015 MSGP Parts 2.1.2, Part 8, and 5.2.4):**

In Sections 3.1 - 3.11 of this SWPPP template, you are asked to describe the stormwater control measures that you have installed at your site to meet each of the permit's

- Non-numeric technology-based effluent limits in Part 2.1.2;
- Applicable numeric effluent limitations guidelines-based limits in Part 2.1.3 and Part 8;
- Water quality-based effluent limits in Part 2.2;
- Any additional measures that formed the basis of eligibility regarding threatened and endangered species, historic properties, and/or federal CERCLA site requirements in Part 2.3; and
- Applicable effluent limits in Parts 8 and 9.

In addition to your control measure descriptions, include explanations of how the controls fulfill the following requirements (see 2015 MSGP Part 2.1.1):

- The selection and design considerations; and
- How they address the pollutant sources identified in section 2.1 of the Template.

### *3.1 Non-numeric Technology-based Effluent Limits (BPT/BAT/BCT)*

You must comply with the following non-numeric effluent limits (except where otherwise specified in Part 8) as well as any sector-specific non-numeric effluent limits in Part 8.

## 3.1.1 Minimize Exposure.

**Instructions (see 2015 MSGP Part 2.1.2.1):**

Describe any structural controls or practices used to minimize the exposure of industrial activities to rain, snow, snowmelt and runoff. Describe where the controls or practices are being implemented at your site.

The map contained in Attachment B illustrates the location of Sector T activities exposed to stormwater.

- Stormwater catchment ponds are located throughout the facility
- Potentially hazardous materials are located throughout within vessels
- Fueling areas are equipped with secondary containment and/or double lined tanks
- Vegetative buffers and berms are located on both sides of the sludge field drainage area

- Vegetative buffers are located on the northwest and northeast boundaries of the facility
- A bar ditch borders the entire southern edge of the facility
- Most Sector T activities are contained under cover and not subject to exposure

### 3.1.2 Good Housekeeping.

**Instructions (see 2015 MSGP Parts 2.1.2.2 and 5.2.5.1):**

Describe any practices you are implementing to keep exposed areas of your site clean. Describe where each practice is being implemented at your site. Include here your schedule for: (1) regular pickup and disposal of waste materials, and (2) routine inspections for leaks and of the condition of drums, tanks and containers. Note: There are specific requirements for facilities that handle pre-production plastic.

BMPs for Potential Pollution Sources

| Activity/Activities | Good Housekeeping |
|---|---|
| Diesel Fueling | 1. Spills and leaks during fueling operations are cleaned up immediately with absorbent materials<br>2. Leaking vehicles are cleaned up immediately with absorbent material<br>3. All absorbent material are disposed of properly[1]<br>4. Catchment ponds<br>5. Vegetative Buffer<br>6. Diesel fuel tank. This above ground tank has secondary containment capable of holding the entire contents of the tank. |
| Gasoline Fueling | 1. Spills and leaks during fueling operations are cleaned up immediately with absorbent materials<br>2. Leaking vehicles are cleaned up immediately with absorbent material<br>3. All absorbent material are disposed of properly[1]<br>4. Catchment ponds<br>5. Vegetative Buffer.<br>6. This above ground tank has secondary containment |
| Sludge Field | 1. A vegetative buffer and berm are maintained on both sides of the natural drainage; two catchment ponds prevent stormwater from leaving facility |
| Soda Ash | 1. Silo protected from the elements. |
| Ferric Chloride | 1. Storage tank and support structures are inspected on a regular basis for evidence of external corrosion and structural failure<br>2. Spills and leaks during pumping of liquids from trucks to the storage facility are drained into the POTW |
| Sludge Drying Beds | 1. Ensure drying beds are draining properly into treatment works.<br>2. Avoid overfilling drying beds.<br>3. Curb drying bed areas. |
| Septage Receiving Site | 1. Ensure septage receiving site draining properly into treatment works drain.<br>2. Use of berm.<br>3. Use of asphalt curb to ensure flow into treatment works drain. |
| Sludge Transfer | 1. Conduct transfer operations over an impervious surface to enable easy collection of materials.<br>2. Promptly remove any sludge during transfer.<br>3. Avoid transferring sludge during rain events. |

1. Petroleum contaminated soils (PCS) that have a sum of benzene, toluene, ethylbenzene and xylene isomer concentrations greater than 50mg/kg or, benzene individually greater than 10 mg/kg or, petroleum hydrogen concentrations greater than 100 mg/kg are considered special waste and must be transported and disposed by a registered hauler and at a landfill permitted to received PCS special waste.

### 3.1.3 Maintenance.

**Instructions (see 2015 MSGP Parts 2.1.2.3 and 5.2.5.1):**

Describe procedures (1) to maintain industrial equipment so that spills/leaks are avoided and (2) to keep control measures in effective operating condition. Include the schedule you will follow for such maintenance activities. Describe where each applicable procedure is being implemented at the site.

All vehicles not road rated are maintained within the maintenance buildings. All other vehicles are maintained at the City of Santa Fe Siler Facility. Preventative maintenance of stormwater drainage, control measures, and plant equipment that could result in contamination of stormwater are performed as required. All BMP's are inspected during quarterly Routine Facility Inspections to ensure they are operating properly. Spill response supplies are available and personnel trained.

### 3.1.4 Spill Prevention and Response.

**Instructions (see 2015 MSGP Parts 2.1.2.4 and 5.2.5.1):**

Describe any structural controls or procedures used to minimize the potential for leaks, spills and other releases. You must implement the following at a minimum:

- Plainly label containers (e.g., "Used Oil," "Spent Solvents," "Fertilizers and Pesticides") that could be susceptible to spillage or leakage to encourage proper handling and facilitate rapid response if spills or leaks occur;*
- Implement procedures for material storage and handling, including the use of secondary containment and barriers between material storage and traffic areas, or a similarly effective means designed to prevent the discharge of pollutants from these areas;
- Develop training and train all staff on procedures to quickly stop, contain and clean up leaks, spills, and other releases. As appropriate, execute such procedures as soon as possible;
- Keep spill kits on-site, located near areas where spills may occur or where a rapid response can be made; and
- Notify appropriate facility personnel when a leak, spill or other release occurs.

Describe where each control is to be located or where applicable procedures will be implemented.

*Note: some facilities may be required to develop a Spill Prevention Control and Countermeasure (SPCC) plan under a separate regulatory program (40 CFR 112). If you are required to develop an SPCC plan, or you already have one, you should include references to the relevant requirements from your plan.*

EPA recommends you include:

Where a leak, spill or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302 occurs during a 24-hour period, you must notify the National Response Center (NRC) at (800) 424-8802 or, in the Washington, DC, metropolitan area, call (202) 267-2675 in accordance with the requirements of 40 CFR Part 110, 40 CFR Part 117, and 40 CFR Part 302 as soon as you have knowledge of the discharge. State or local requirements may necessitate reporting spills or discharges to local emergency response, public health, or drinking water supply agencies. Contact information must be in locations that are readily accessible and available.

In order to ensure proper handling and to facilitate rapid response, containers will be labeled (e.g., "Used Oil," "Spent Solvents," "Fertilizers and Pesticides") that could be susceptible to spillage or leakage. Used oil is contained within buildings. Material storage and handling measures, such as the use of secondary

containment and barriers are used as needed to prevent the discharge of pollutants. Staff is trained on procedures to quickly stop, contain and clean up leaks, spills, and other releases. Spill prevention and response guidelines are attached to this document as Attachment D. Spill kits are kept on-site, located near areas where spills may occur or where a rapid response can be made. Notification of supervisor is required in the event of a spill.

### 3.1.5 Erosion and Sediment Controls.

**Instructions (see 2015 MSGP Parts 2.1.2.5 and 5.2.5.1):**

Describe activities and processes for stabilizing exposed soils to minimize erosion. Describe flow velocity dissipation devices placed at all discharge locations and all structural and non-structural control measures to prevent the discharge of sediment. If applicable, describe the type and purpose of any polymers and/or chemical treatments used to control erosion and the location at your site where each control is implemented.

Within the boundary of the WWTP are several structural BMPs. These are shown in the Map contained in Attachment B.

- Stormwater catchment ponds are located throughout the facility
- Vegetative buffers are located on the NW and NE boundaries of the facility.
- A bar ditch borders the entire southern border of the facility
- Vegetative buffers and berms are located in the sludge field

Vegetative buffers are located on the north and northeast end of the WWTP. These buffers provide treatment of stormwater runoff flow through filtering by the native grasses in the channel. The buffers are appropriate for these locations since it borders the road nearest the aeration basins. This vegetative buffer serves to physically protect and provide a setback from the Santa Fe River bed to the WWTP. In addition, the native grass is appropriate for the semi-arid climates of Santa Fe. A shallow bar ditch and vegetative swale are located on the entire southern border of the WWTP which provided attenuation and treatment of stormwater flows.

Catchment ponds are located in the northwest boundary, west of the composting facility, and immediately south of the head works. The designed is to detain the stormwater runoff for a period of time to allow particles and associated pollutants to settle. The ponds also provide flood control by including additional flood detention storage. This catchment pond accepts runoff from the WWTP stormwater diesel and gasoline fueling areas and contains adequate separation from ground water.

### 3.1.6 Management of Runoff.

**Instructions (See 2015 MSGP Part 2.1.2.6):**

Describe controls used at your site to divert, infiltrate, reuse, contain or otherwise reduce stormwater runoff. Describe the location at your site where each control is implemented.

Two extended catchment ponds are located within the boundary of the WWTP. The outlets are designed to detain the stormwater runoff for a period of time to allow particles and associated pollutants to settle. The ponds also provide flood control by including additional flood detention storage.

### 3.1.7 Salt Storage Piles or Piles Containing Salt.

**Instructions (see 2015 MSGP Part 2.1.2.7):**

If applicable, describe structures at your site that either cover or enclose salt storage piles or piles containing salt, and any controls that minimize or prevent the discharge of stormwater from such piles. Also, describe any controls or procedures used to minimize exposure resulting from adding to or removing materials from the pile. Describe the location at your site where each control and/or procedure is implemented.

Not applicable.

### 3.1.8 Dust Generation and Vehicle Tracking of Industrial Materials.

**Instructions (see 2015 MSGP Part 2.1.2.10):**

Describe controls and procedures that will be used at your site to minimize generation of dust and off-site tracking of raw, final or waste materials in order to minimize pollutant discharges.

The WWTP is permitted by the New Mexico Environment Department Discharge Plan – 289 to use reclaimed wastewater for irrigation and dust control at the facility. Reclaimed water is used throughout the facility for irrigation of plants and dust control. If materials are found to be accumulating from tracking, sweeping is conducted to mitigate the tracking. Quarterly inspections include all road areas providing access to the site.

## *3.2 Sector-Specific Non-Numeric Effluent Limits.*

**Instructions (see 2015 MSGP Part 8):**

Describe any controls or procedures that will be used at your site to comply with any sector-specific requirements that apply to you in Part 8 of the 2015 MSGP. Describe the location at your site where each control and/or procedure will be implemented.

*Note: Sector-specific effluent limits apply to Sectors A, E, F, G, H, I, J, L, M, N, O, P, Q, R, S, T, U, V, X, Y, Z and AA.*

Sludge Field-A vegetative buffer and berm are maintained on both side of the natural drainage; two catchment ponds prevent stormwater from leaving facility. Sludge Drying Beds-Drained properly into treatment works; overfilling drying beds is avoided; drying bed areas are curbed. Septage Receiving Site-Drained properly into treatment works; asphalt curb used to ensure flow to treatment works drain. Sludge Transfer-Transfer operations are conducted over an impervious surface to enable easy collection of materials; fallen sludge during transfer is promptly removed; transfer of sludge during rain events is avoided. Grit Screening-located under cover, covered dumpster is utilized. Other solids handling are located under cover. The finished composting materials are subject to Part 503 EPA regulations.

## *3.3 Numeric Effluent Limitations Based on Effluent Limitations Guidelines.*

**Instructions (see 2015 MSGP Part 2.1.3):**

If you are in an industrial category subject to one of the effluent limitations guidelines identified in the table below (Table 2-1 of the 2015 MSGP), describe controls or procedures that will be implemented at your site to meet these effluent limitations guidelines.

Not applicable.

| Regulated Activity | 40 CFR Part/Subpart | Effluent Limit |
|---|---|---|
| Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas | Part 429, Subpart I | See Part 8.A.7 |
| Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, by-products or waste products (SIC 2874) | Part 418, Subpart A | See Part 8.C.4 |
| Runoff from asphalt emulsion facilities | Part 443, Subpart A | See Part 8.D.4 |
| Runoff from material storage piles at cement manufacturing facilities | Part 411, Subpart C | See Part 8.E.5 |
| Mine dewatering discharges at crushed stone, construction sand and gravel, or industrial sand mining facilities | Part 436, Subparts B, C, or D | See Part 8.J.9 |
| Runoff from hazardous waste landfills | Part 445, Subpart A | See Part 8.K.6 |
| Runoff from non-hazardous waste landfills | Part 445, Subpart B | See Part 8.L.10 |
| Runoff from coal storage piles at steam electric generating facilities | Part 423 | See Part 8.O.8 |
| Runoff containing urea from airfield pavement deicing at existing and new primary airports with 1,000 or more annual non-propeller aircraft departures | Part 449 | See Part 8.S.8 |

## *3.4 Water Quality-based Effluent Limitations and Water Quality Standards.*

Instructions (see 2015 MSGP Part 2.2.1):

Describe the measures that will be implemented at your site to control industrial stormwater discharge as necessary to meet applicable water quality standards of all affected states (i.e., your discharge must not cause or contribute to an exceedance of applicable water quality standards in any affected state).

EPA expects that compliance with the conditions in this permit will control discharges as necessary to meet applicable water quality standards. If at any time you become aware, or EPA determines, that your discharge does not meet applicable water quality standards, you must take corrective action(s) as required in Part 4.1 of the 2015 MSGP and document the corrective actions as required in Part 4.3 of the 2015 MSGP. You must also comply with any additional requirements required by your state or tribe.

EPA may also require that you undertake additional control measures (to meet the narrative water quality-based effluent limit above) on a site-specific basis, or require you to obtain coverage under an individual permit, if information in your NOI, required reports, or from other sources indicates that your discharges are not controlled as necessary to meet applicable water quality standards. You must implement all measures necessary to be consistent with an available wasteload allocation in an EPA-established or approved TMDL.

Compliance with the applicable conditions in the Multi-Sector General Permit (MSGP) as described in this Stormwater Pollution Prevention Plan is implemented to control stormwater discharge in an effort to meet applicable water standards.

# SECTION 4: SCHEDULES AND PROCEDURES.

## *4.1 Good Housekeeping.*

**Instructions (see 2015 MSGP Part 5.2.5.1):**

Document a schedule or the process used for determining when pickup and disposal of waste materials occurs (e.g., roll off dumpsters are collected when full). Provide a schedule for routine inspections for leaks and conditions of drums, tanks and containers.

| WASTE MATERIAL | PROCESS | FREQUENCY |
|---|---|---|
| Grit/Scum | Dumpster picked up & disposed of at an offsite landfill | Routine Pickup |
| Trash | Dumpster picked up & disposed of at on offsite landfill | Routine Pickup |
| Petroleum Contaminated Soil | Disposed of properly[1] | As needed |
| Used Oil and Solvents | Disposed of properly | As needed |

1. Petroleum contaminated soils (PCS) that have a sum of benzene, toluene, ethylbenzene and xylene isomer concentrations greater than 50mg/kg or, benzene individually greater than 10 mg/kg or, petroleum hydrogen concentrations greater than 100 mg/kg are considered special waste and must be transported and disposed by a registered hauler and at a landfill permitted to received PCS special waste.

| INSPECTIONS OF LEAKS AND CONDITIONS | FREQUENCY |
|---|---|
| Drums, Tanks, Dumpsters, Drip Pans | Quarterly |
| Liquid Storage in Above Ground Containers | Quarterly |

## *4.2 Maintenance.*

**Instructions (see 2015 MSGP Part 5.2.5.1):**

Document preventative maintenance procedures, including regular inspections, testing, maintenance and repair of all control measures to avoid situations that may result in leaks, spills, and other releases, and any back-up practices in place should a runoff event occur while a control measure is off-line. Include the schedule or frequency for maintaining all control measures used to comply with the effluent limits in Part 2 of the 2015 MSGP.

Preventative maintenance includes review, inspection, maintenance and repair of stormwater controls such as best management practices, structural control measures and good housekeeping to avoid situations that may result in leaks, spills, and other releases. Preventative maintenance is carried out on a routine basis by performing inspections of control measures.

| CONTROLS | MAINTENANCE | INSPECTION |
|---|---|---|
| Best Management Practices (BMP's) | As needed | Quarterly |
| Structural Control Measures | As needed | Quarterly |
| Good Housekeeping | As needed | Quarterly |

## 4.3 Spill Prevention and Response Procedures.

**Instructions (see 2015 MSGP Part 5.2.5.1):**

Document procedures for preventing and responding to spills and leaks, including notification procedures. For preventing spills, include control measures for material handling and storage, and the procedures for preventing spills that can contaminate stormwater. Also specify cleanup equipment, procedures and spill logs, as appropriate, in the event of spills. You may reference the existence of other plans for Spill Prevention Control and Countermeasure (SPCC) developed for the facility under Section 311 of the CWA or BMP programs otherwise required by an NPDES permit for the facility.

See attached Spill Prevention & Response Guidelines - Attachment D

## 4.4 Erosion and Sediment Control.

**Instructions (see 2015 MSGP Part 5.2.5.1):**

Document if polymers and/or other chemical treatments are used for erosion and sediment control and identify the polymers and/or chemicals used and the purpose.

No polymers or other chemical treatments are used for erosion and sediment control.

## 4.5 Employee Training.

**Instructions (see 2015 MSGP Part 2.1.2.8 and Part 5.2.5.1):**

**Instructions (see 2015 MSGP Part 2.1.2.8 and 5.2.5.1):**

Provide the elements of your training plan, including:

- The content of the training;
- The frequency/schedule of training for employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of the permit.

The following personnel, at a minimum, must receive training, and therefore should be listed out individually in the table below:

- Personnel who are responsible for the design, installation, maintenance, and/or repair of controls (including pollution prevention measures);
- Personnel responsible for the storage and handling of chemicals and materials that could become contaminants in stormwater discharges;
- Personnel who are responsible for conducting and documenting monitoring and inspections as required in Parts 3 and 6; and
- Personnel who are responsible for taking and documenting corrective actions as required in Part 4.

2015 MSGP Part 2.1.2.8 requires that the personnel who are required to be trained must also be trained to understand the following if related to the scope of their job duties (e.g., only personnel responsible for conducting inspections need to understand how to conduct inspections):

- An overview of what is in the SWPPP;
- Spill response procedures, good housekeeping, maintenance requirements, and material management practices;
- The location of all controls on the site required by this permit, and how they are to be maintained;

Training is conducted annually and is provided to all employees that work in areas where industrial materials or activities are exposed to stormwater, and for employees that are responsible for implementing activities identified in the SWPPP. The employee awareness and training program informs WWTP personnel of the components and goals of the SWPPP and addresses the topics of petroleum product management; process chemical management; fueling procedures; proper procedures for using fertilizer, herbicides, and pesticides; spill response procedures, good housekeeping, and materials management practices.

## *4.6 Inspections and Assessments.*

**Instructions (see 2015 MSGP Part 3):**

Document procedures for performing the types of inspections specified by this permit, including:

- Routine facility inspections (see Part 3.1) and;
- Quarterly visual assessment of stormwater discharges (see Part 3.2).

*Note: If you are invoking the exception for inactive and unstaffed sites proceed to 4.6.3 below.*

### 4.6.1 Routine Facility Inspections.

**Instructions (see 2015 MSGP Part 3.1):**

Describe the procedures you will follow for conducting routine facility inspections in accordance with Part 3.1 of the 2015 MSGP. Document any findings of your facility inspections and maintain this report with your SWPPP as required in Part 5.5 of the 2015 MSGP. Summarize your findings in the annual report per Part 7.5 of the 2015 MSGP. Any corrective action required as a result of a routine facility inspection must be performed consistent with Part 4 of the 2015 MSGP.

Inspections will be conducted of the areas where industrial materials or activities are exposed to stormwater, areas identified in the SWPPP and those that are potential pollutant sources; areas where spills and leaks have occurred in the past three years; and discharge points. During the inspection the following will be examined and findings from the inspection will be documented and maintained with the SWPPP.

• Industrial materials, residue or trash that may have or could come into contact with stormwater;
• Leaks or spills from industrial equipment, drums, tanks and other containers;
• Offsite tracking of industrial or waste materials, or sediment where vehicles enter or exit the site;
• Tracking or blowing of raw, final or waste materials from areas of no exposure to exposed areas;
• Control measures needing replacement, maintenance or repair.

For routine facility inspections to be performed at your site, your SWPPP must include a description of the following:

1. **Person(s) or positions of person(s) responsible for inspection.** Plant Superintendent and Assistant Plant Superintendent

   *Note: Inspections must be performed by qualified personnel with at least one member of your stormwater pollution prevention team participating. Inspectors must consider the results of visual and analytical monitoring (if any) for the past year when planning and conducting inspections. Qualified personnel are those who possess the knowledge and skills to assess conditions and activities that could impact stormwater quality at your facility, and who can also evaluate the effectiveness of control measures.*

2. **Schedules for conducting inspections.** Routine Facility Inspections will be conducted quarterly

   *Note: Inspections must be conducted at least quarterly (i.e., once each calendar quarter), or in some instances more frequently (e.g., monthly), as appropriate. Increased frequency may be appropriate for some types of equipment, processes and stormwater control measures, or areas of the facility with significant activities and materials exposed to stormwater. At least one of your routine inspections must be conducted during a period when a stormwater discharge is occurring.*

3. **List areas where industrial materials or activities are exposed to stormwater**.

| | | |
|---|---|---|
| Lime Storage | Quarterly | Outfall #1 |
| Soda Ash Storage | Quarterly | Outfall #1 |
| Sludge Field | Quarterly | Outfall #4 |
| Sludge Transfer | Quarterly | Outfall #1, #2, #3 |
| Diesel Fueling | Quarterly | Outfall #6 |
| Gasoline Fueling | Quarterly | Outfall #6 |
| Ferric Chloride Storage | Quarterly | Outfall #2 |
| Sludge Drying Beds | Quarterly | Outfall #2 |
| Septage Receiving Site | Quarterly | Outfall #2 |

4. **List areas identified in the SWPPP (section 1 of the SWPPP Template) and any others that are potential pollutant sources (see Part 5.2.3).**

| Industrial Activity | Associated Pollutants |
|---|---|
| Lime Storage | High pH, inorganic chemicals |
| Soda Ash Storage | pH |
| Sludge Field | Pathogens, nitrates, metals |
| Sludge Transfer | Nitrate, TDS, TSS, oil, fuel, hydraulic fluids, ammonia, pathogens |
| Diesel Fueling | Diesel Fuels, oils, solvents, and automotive wastes |
| Gasoline Fueling | Gasoline oils, solvents, and automotive wastes |
| Ferric Chloride Storage | Ferric chloride |
| Sludge Drying Beds | Nitrate, TDS, TSS, ammonia, pathogens |
| Septage Receiving Site | Nitrate, TDS, TSS, ammonia, pathogens |

5. **Areas where spills and leaks have occurred in the past 3 years.** No spills or leaks have occurred in the past three years.

6. **Inspection information for discharge points.**

| Discharge Point | Description | GPS Coordinates |
|---|---|---|
| Outfall #1 | W. of Post Aeration Basin | 106°5'20.661"W 35°37'51.600"N |
| Outfall #2 | Main WWTP Facility Entrance | 106°5'10.420"W 35°37'47.639"N |
| Outfall #3 | Gate to Composting Facility | 106°5'00.784"W 35°37'49.921"N |
| Outfall #4 | W. of Sludge Field (Huey Road) | 106°5'19.319"W 35°37'44.130"N |
| Outfall #5 | N. of Composting Facility | 106°5'02.010"W 35°38'00.051"N |
| Outfall #6 | W. of Composting Facility | 106°5"10.424"W 35°37'57.421"N |

7. **List the control measures used to comply with the effluent limits contained in this permit.** BMP's, Structural Control Measures, Good Housekeeping
8. **Other site-specific inspection objectives.** Assess activities exposed to stormwater such as: material loading/unloading and storage areas, equipment operations and maintenance areas, outdoor vehicle and equipment washing areas, salvaged material storage area, dust generation and vehicle tracking.

### 4.6.2 Quarterly Visual Assessment of Stormwater Discharges.

**Instructions (see 2015 MSGP Part 3.2):**

Describe the procedures you will follow for conducting quarterly visual assessments in accordance with Part 3.2 of the 2015 MSGP. The visual assessment must be made:

- Of a discharge sample contained in a clean, colorless glass or plastic container, and examined in a well-lit area;
- On samples collected within the first 30 minutes of an actual discharge from a storm event. If it is not possible to collect the sample within the first 30 minutes of discharge, the sample must be collected as soon as practicable after the first 30 minutes and you must document why it was not possible to take the sample within the first 30 minutes. In the case of snowmelt, samples must be taken during a period with a measurable discharge from your site; and
- For storm events, on discharges that occur at least 72 hours (3 days) from the previous discharge. The 72-hour (3-day) storm interval does not apply if you document that less than a 72-hour (3-day) interval is representative for local storm events during the sampling period.

Document the results of your visual assessments and maintain this documentation onsite with your SWPPP as required in Part 5.5 of the 2015 MSGP. Any corrective action required as a result of a quarterly visual assessment must be performed consistent with Part 4 of the 2015 MSGP.

Visual inspections of stormwater discharge quality are conducted and documented quarterly. The visual assessments are conducted at Outfall #4 when a discharge occurs. Outfall 1, 2, 3, 5, and 6 are substantially identical. Visual assessments will be conducted at one of these outfalls if a discharge occurs.

For quarterly visual assessments to be performed at your site, your SWPPP must include a description of the following:

1. **Person(s) or positions of person(s) responsible for assessments.** Plant Personnel
2. **Schedules for conducting assessments.** Visual inspections of stormwater discharge quality will be conducted and documented quarterly. The WWTP is located in a semi-arid environment. 33% of the areas annual precipitation is received during the July – August time period. Precipitation during this period is subject to active flows. Precipitation received during the winter month's accounts for 31% of the annual precipitation. Winter precipitation is not readily subject to active flows. If no discharge occurs during one of the quarters, an attempt will be made to conduct an additional visual assessment during a subsequent quarter.
3. **Specific assessment activities.** The visual assessment will be made of a discharge sample contained in a clean, colorless container and examined in a well-lit area. Inspections shall be conducted within the first 30 minutes of an actual discharge or as soon thereafter as practicable. The inspections shall include any observations of color, odor, turbidity, floating solids, foam, oil sheen, or other obvious indicators of stormwater pollution. In the case of snowmelt, samples will be

taken during a period with a measurable discharge. Information reported includes the inspection date, inspection personnel, visual quality of the stormwater discharge, and probable sources of any observed stormwater contamination. Findings from the assessment are documented and maintained with the SWPPP.

### 4.6.3 Exception to Routine Facility Inspections and Quarterly Visual Assessments for Inactive and Unstaffed Sites.

**Instructions (see 2015 MSGP Parts 3.1.1 and 3.2.3):**

If you are invoking the exception for inactive and unstaffed sites relating to routine facility inspections and/or quarterly visual assessments, you must include documentation to support your claim that your facility has changed its status from active to inactive and unstaffed.

To invoke this exception you must also include a statement in your SWPPP per Part 5.2.5.2 indicating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to stormwater, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii). The statement must be signed and certified in accordance with Appendix B, Subsection 11.

*Note: If circumstances change and industrial materials or activities become exposed to stormwater or your facility becomes active and/or staffed, this exception no longer applies and you must immediately resume routine facility inspections. If you are not qualified for this exception at the time you become authorized under the 2015 MSGP, but during the permit term you become qualified because your facility becomes inactive and unstaffed, and there are no industrial materials or activities that are exposed to stormwater, you must include the same signed and certified statement as above and retain it with your records pursuant to Part 5.5.*

Inactive and unstaffed facilities covered under Sectors G (Metal Mining), H (Coal Mines and Coal Mining-Related Facilities), and J (Non-Metallic Mineral Mining and Dressing) are not required to meet the "no industrial materials or activities exposed to stormwater" standard to be eligible for this exception from routine inspections, per Parts 8.G.8.4, 8.H.8.1, and 8.J.8.1.

☐ **This site is inactive and unstaffed, and has no industrial materials or activities exposed to stormwater, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii) as signed and certified in Section 7 below.**

If you are invoking the exception for inactive and unstaffed sites for your routine facility inspections and/or quarterly visual assessments, include information to support this claim.

## *4.7 Monitoring.*

**Instructions (see 2015 MSGP Part 5.2.5.3):**

Describe your procedures for conducting the five types of analytical monitoring specified by the 2015 MSGP, where applicable to your facility, including:

- Benchmark monitoring (2015 MSGP Part 6.2.1 and relevant requirements in Part 8 and/or Part 9);
- Effluent limitations guidelines monitoring (2015 MSGP Part 6.2.2 and relevant requirements in Part 8);
- State- or tribal-specific monitoring (2015 MSGP Part 6.2.3 and relevant requirements in Part 9);
- Impaired waters monitoring (2015 MSGP Part 6.2.4);
- Other monitoring as required by EPA (2015 MSGP Part 6.2.5).

Depending on the type of facility you operate, and the monitoring requirements to which you are subject, you must collect and analyze stormwater samples and document monitoring activities consistent with the procedures described in 2015 MSGP Part 6 and Appendix B, Subsections 10 – 12, and any additional sector-specific or state/tribal-specific requirements in 2015 MSGP Parts 8 and 9, respectively. Refer to 2015 MSGP Part 7 for reporting and recordkeeping requirements. *Note: All monitoring must be conducted in accordance with the relevant sampling and analysis requirements at 40 CFR Part 136*. Include in your description procedures for ensuring compliance with these requirements.

If you are invoking the exception for inactive and unstaffed sites for benchmark monitoring, you must include in your SWPPP the information to support this claim as required by 2015 MSGP Part 6.2.1.3.

If you plan to use the substantially identical discharge point exception for your benchmark monitoring requirements, impaired waters monitoring requirements, and/or your quarterly visual assessment, you must include the following documentation:

- Location of each of the substantially identical discharge points;
- Description of the general industrial activities conducted in the drainage area of each discharge point;
- Description of the control measures implemented in the drainage area of each discharge point;
- Description of the exposed materials located in the drainage area of each discharge point that are likely to be significant contributors of pollutants to stormwater discharges;
- An estimate of the runoff coefficient of the drainage areas (low = under 40%; medium = 40 to 65%; high = above 65%);
- Why the discharge points are expected to discharge substantially identical effluents.

Check the following monitoring activities applicable to your facility:

☐Quarterly benchmark monitoring

☐Effluent limitations guidelines monitoring

☐State- or tribal-specific monitoring

☒Impaired waters monitoring

☐Other monitoring required by EPA

For each type of monitoring checked above, your SWPPP must include the following information:

**Select type of monitoring activity from drop-down list below** (*if subject to more than one type of monitoring activity, you will need to copy and paste the items below for each monitoring activity*):

## Impaired waters monitoring

1. **Sample location(s).** The impaired waters monitoring will be conducted at Outfall #4 when a discharge occurs. Outfall #1, #2, #3, #5, and #6 are substantially identical. Monitoring will be conducted at any one of these outfalls dependent on where a discharge occurs.
2. **Pollutants to be sampled**. Total Nitrogen and Total Phosphorous
3. **Monitoring Schedules.** Once per year
4. **Numeric Limitations**. Not applicable
5. **Procedures**. Sample will be collected by Plant Personnel and analyzed by on-site lab.

*Note: it may be helpful to create a table with columns corresponding to # 1 - 5 above for each type of monitoring you are required to conduct.*

**Inactive and unstaffed sites exception** (if applicable)

☐**This site is inactive and unstaffed, and has no industrial materials or activities exposed to stormwater, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii) as signed and certified in Section 7 below.**

**Substantially identical discharge point (outfall) exception** (if applicable)

If you plan to use the substantially identical discharge point exception for your benchmark monitoring and/or quarterly visual assessment requirements, include the following information here to substantiate your claim that these discharge points are substantially identical (2015 MSGP Part 5.2.5.3):

- Location of each of the substantially identical discharge points: Outfall #1, #2, #3, #5 and #6 are substantially identical. Numbered outfalls are shown on the site map contained in Attachment B.
- List the general industrial activities conducted in the drainage area of each discharge point:

  Within the boundary of the WWTP are several structural BMPs. These are shown in the Map contained in Attachment B.

  1. Stormwater catchment ponds are located throughout the facility
  2. Vegetative buffers are located on the NW and NE boundaries of the facility.
  3. A shallow culvert borders the entire southern border of the facility
  4. Vegetative buffers and berms are located in the sludge field
- List the exposed materials located in the drainage area of each discharge point that are likely to be significant contributors of pollutants to stormwater discharges: Contributors of pollutants are associated with general Sector T-Treatment Works related industrial activities.
- An estimate of the runoff coefficient of the drainage areas (low=under 40%; medium=40 to 65%; high =above 65%): The WWTP has multiple surfaces consequently documentation of a single a single runoff coefficient is not possible. Based on Perry (1967) it is estimated that the runoff coefficients for the WWTP ranges from High 90% to low under 40%.
- Why the discharge points are expected to discharge substantially identical effluents: The outfalls are expected to discharge substantially identical effluents because they contain similar sector activities and the measures to control.

# SECTION 5: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS.

## *5.1 Documentation Regarding Endangered Species.*

**Instructions (see 2015 MSGP Part 5.2.6.1):**

Include any documentation you have that supports your determination of eligibility consistent with 2015 MSGP, Part 1.1.4.5 (Endangered and Threatened Species and Critical Habitat Protection). Refer to Appendix E of the 2015 MSGP for specific instructions for establishing eligibility.

The MSGP affected area for the City of Santa Fe Waste Water Treatment Plant (WWTP) (Permit No. NMR05GP02) was checked in consultation with the online U.S. Fish and Wildlife Service (USFWS) - Information for Planning and Conservation (IPaC) system and in direct communication with the New Mexico Ecological Services Field Office. The project was reviewed under Consultation Code:02ENNM00-2015-SLI-0508. An official list of threatened and endangered species which may occur in the project area was obtained and is attached in Attachment E. Three threatened species were identified on the species list provided by the following office of the USFWS:

New Mexico Ecological Service Field Office
2105 OSUNA ROAD
ALBUQUERQUE, NEW MEXICO 87113

None of these three species identified on the official species list, or suitable habitat for those species, are known to exist in the area directly affected by stormwater discharges from the City of Santa Fe WWTP under the MSGP. No Critical Habitat occurs in the project area. Presently identified and known populations are significantly removed from the affected area, or suitable habitat does not exist in the affected area. Therefore the City has determined that no Threatened or Endangered species will be impacted by the stormwater discharge from the City of Santa Fe' Waste Water Treatment Plant under the MSGP since none of species have populations which directly exist within the project area covered by this consultation. A map of that project area is contained within the IPaC Trust Resource Report included in Attachment E. Further details on the City's determination for the stormwater discharge from the City of Santa Fe WWTP are contained in the SWPPP and will remain there for the term of the permit.

## *5.2 Documentation Regarding Historic Properties.*

**Instructions (see 2015 MSGP Part 5.2.6.2):**

Include any documentation you have that supports your determination of eligibility consistent with 2015 MSGP Part 1.1.4.6 (Historic Properties Preservation). Refer to 2015 MSGP, Appendix F for specific instructions for establishing eligibility.

To ensure compliance with the requirement of the National Historic Preservation Act (NHPA), the SWPPP includes documentation supporting the City's determination of WWTP MSGP permit eligibility consistent with the 2015 MSGP Part 1.1.4.6 (Historic Properties Preservation). This information will be maintained in this Plan for the life of the Permit. A list of NHPA registered sites in Santa Fe County is attached to the Plan as Attachment F. These sites are not located within the proximity of the WWTP and stormwater discharges will not have an effect on any of the listed properties.

# SECTION 6: CORRECTIVE ACTIONS.

**Instructions (see 2015 MSGP Part 4):**
Describe the procedures for taking corrective action in compliance with Part 4 of the 2015 MSGP.

Applicable procedures described in Part 4 of the 2015 MSGP are followed when taking corrective action at the facility.

# SECTION 7: SWPPP CERTIFICATION.

**Instructions (see 2015 MSGP Part 5.2.7):**

The following certification statement must be signed and dated by a person who meets the requirements of Appendix B, Subsection 11.A, of the 2015 MSGP.

*Note: this certification must be re-signed in the event of a SWPPP modification in response to a Part 4.1 trigger for corrective action.*

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

Name: Shannon Jones Title: WWM Division Director

Signature: Shannon Jones Date: 8-26-2015

# SECTION 8: SWPPP MODIFICATIONS.

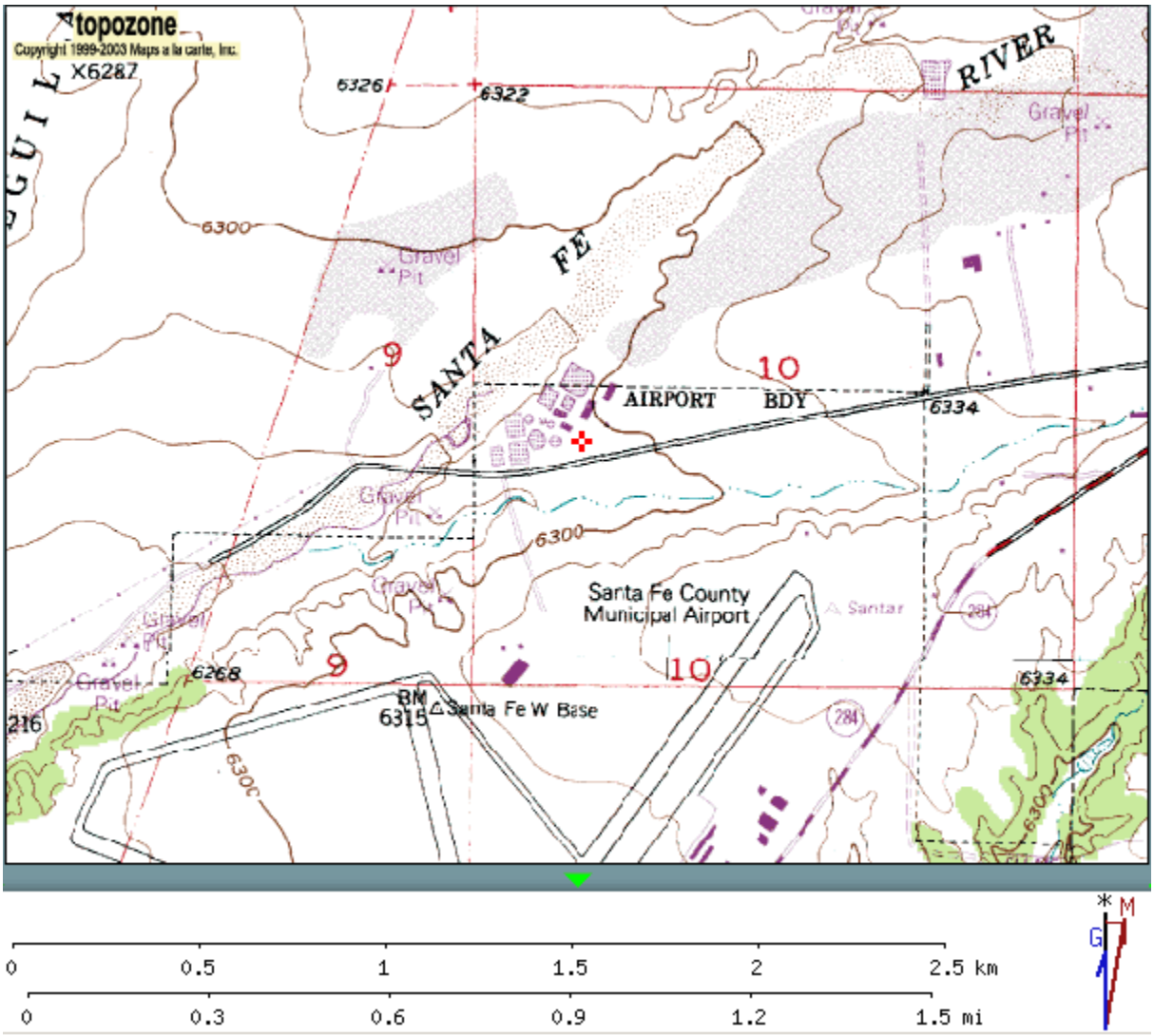
**Instructions (see 2015 MSGP Part 5.3):**

Your SWPPP is a "living" document and is required to be modified and updated, as necessary, in response to corrective actions. See Part 4 of the 2015 MSGP.

- If you need to modify the SWPPP in response to a corrective action required by Part 4.1 or 4.2 of the 2015 MSGP, then the certification statement in section 7 of this SWPPP template must be re-signed in accordance with 2015 MSGP Appendix B, Subsection 11.A.
- For any other SWPPP modification, you should keep a log with a description of the modification, the name of the person making it, and the date and signature of that person. See 2015 MSGP Appendix B, Subsection 11.C.

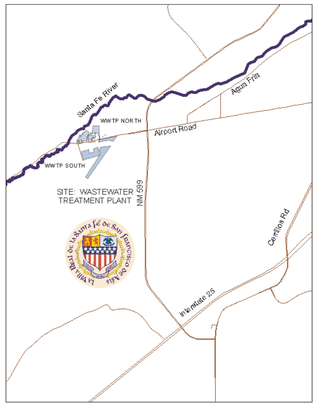
# SWPPP ATTACHMENTS

## *Attachment A – General Location Map*



## *Attachment B – Site Map*

A hard copy is also located in the back sleeve of Binder 1.




LOCATION MAP

## Legend

- Roads
- Walking Path
- Treatment Plant
- SW Outfall
- Pollutant Sources
- Santa Fe River Channel — Impaired TDMLs Not Established
- SW Flow Direction

NOTE
OUTFALLS 1,2,3,5,6
ARE "SUBSTANTIALLY" IDENTICAL

### BMP Structures

**Key**

- Berm
- SW Capture
- Vegetative
- SolarPlat
- wtpbldg
- Paved Surface
- Sludge Field

# STORMWATER POLLUTION PREVENTION PLAN

NORTH SIDE FEATURES 1:1200

City of Santa Fe New Mexico

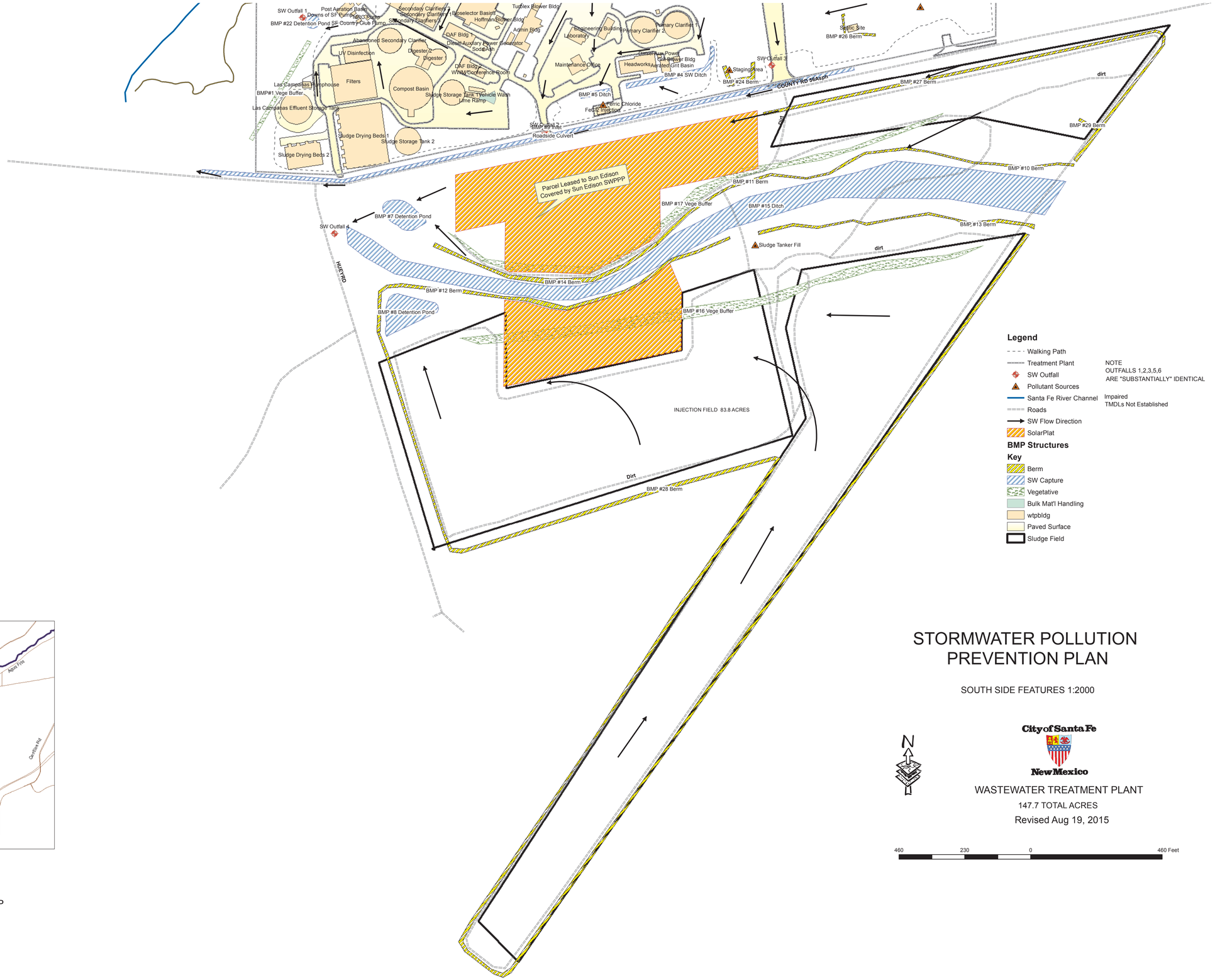
WASTEWATER TREATMENT PLANT

147.7 TOTAL ACRES

Revised Aug 19, 2015

290 145 0 290 Feet

SW Outfall 5
BMP #21 SW Pipe
BMP #23 SW Diversion Berm
Tank & Fueling
SW Outfall 6
BMP #6 Detention Ditch
Composting Facility
BMP #20 Lined Ditch
BMP #19 Berm
BMP #3 Ditch
BMP #18 Vege Buffer
Dewatering Bldg
BMP #2 Vege Buffer
Aeration Basin 2
Splitter Box
Aeration Basin 1
Truck Wash w/drain
Collections Bldg
Maintenance Garage
Supply
Supply's Office
Vehicle Parking
Equip Main't Lot
Secondary Clarifiers 6
Secondary Clarifiers 5
Secondary Clarifiers 4
Secondary Clarifiers 3
Secondary Clarifiers 2
Secondary Clarifiers 1
Valve Vault
Ground Water Pump
Turblex Blower Bldg
Effluent Channel
WWTP Pump
Post Aeration Basin
Downs of SF Pump
SF Equestrian Center Pump
SF Country Club Pump
SW Outfall 1
BMP #22 Detention Pond
Bioselector Basins
Hoffman Blower Bldg
Admin Bldg
Engineering Building
Primary Clarifier 2
Primary Clarifier 1
Laboratory
DAF Bldg 1
Diesel Auxiliary Power Generator
Soda Ash
Abandoned Secondary Clarifier
UV Disinfection
Digester 2
Digester 1
Maintenance Office
Diesel Aux Power Gen Blower Bldg
Headworks
Aerated Grit Basin
DAF Bldg 2
WWTP Conference Room
Filters
Compost Basin
Sludge Storage Tank 1
Lime Rams
Vehicle Wash
Las Campanas Pump House
BMP#1 Vege Buffer
Las Campanas Effluent Storage Tank
Ferric Chloride
FeCl2 Injection
BMP #5 Ditch
BMP #4 SW Ditch
Staging Area
BMP #24 Berm
SW Outfall 3
BMP #27 Berm
Open Mat'l Pile
BMP #25 Berm
Standpipe Office
Non Potable Standpipe
Septic Site
BMP #26 Berm
Sludge Drying Beds 1
Sludge Storage Tank 2
Sludge Drying Beds 2
SW Outfall 2
Roadside Culvert
COUNTY RD 56Asph
BMP #29 Berm
BMP #27 Berm
BMP #17 Vege Buffer
BMP #11 Berm
BMP #10 Berm
BMP #15 Ditch
dirt
dirt




## Legend

- Walking Path
- Treatment Plant
- SW Outfall
- Pollutant Sources
- Santa Fe River Channel
- Roads
- SW Flow Direction
- SolarPlat

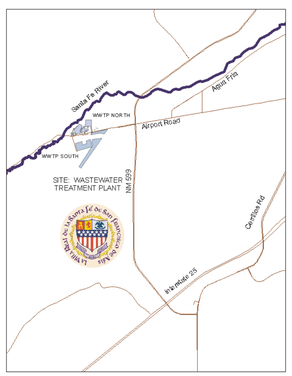
NOTE
OUTFALLS 1,2,3,5,6
ARE "SUBSTANTIALLY" IDENTICAL

Impaired
TMDLs Not Established

### BMP Structures

**Key**

- Berm
- SW Capture
- Vegetative
- Bulk Mat'l Handling
- wtpbldg
- Paved Surface
- Sludge Field




LOCATION MAP

# STORMWATER POLLUTION PREVENTION PLAN

SOUTH SIDE FEATURES 1:2000

N

City of Santa Fe
New Mexico

WASTEWATER TREATMENT PLANT

147.7 TOTAL ACRES

Revised Aug 19, 2015

460 230 0 460 Feet

## *Attachment C –2015 MSGP*

The 2015 MSGP is available @ www.epa.gov/npdes/stormwater/msgp. A hard copy is also located under Tab #3 of Binder 1.

## *Attachment D - Spill Prevention and Response Guidelines*

# Spill Prevention & Response Guidelines

## Major Spill

In the event of a spill or release 1) involves the release of a type or quantity of a chemical that poses an immediate risk to health; or 2) involves an uncontrolled fire or explosion:

- Evacuate the area by activation nearest fire alarm.
- Call 911 and give details of the accident including location, types of hazards materials involved, and whether there is personal injury.

If the accident involves personal injury or chemical contamination, follow the above steps as appropriate and at the same time:

- Move the victim from the immediate area or fire, explosion, or spill (if this can be done without further injury to the victim or you).

- Locate nearest emergency eyewash or safety shower. Remove any contaminated clothing from the victim and flush all areas of the body contacted by chemical with large amounts of water for 15 minutes.

- Administer first aid as appropriate and seek medical attention.

## Minor Spill

In the event of a spill involving the release of a type or quantity of a chemical which does not pose an immediate risk to health and does not involve chemical contamination to the body:

1. Notify management and personnel
2. Isolate the area. Close building and/or evacuate the immediate area if necessary.
3. Remove ignition sources and unplug nearby electrical equipment.
4. Establish exhaust ventilation. Vent vapor to outside of building only.
5. If the weather is inclement, use the tarp or plastic sheeting from the clean up kit to prevent run-off or fugitive emissions.
6. Locate spill kit.
7. If spill is minor, don PPE and use clean up kit items to sweep and/or shovel spilled waste into the spare bag or container kept in the clean up kit.
8. Choose the appropriate personal protective equipment (googles, face shield, impervious gloves, apron, etc.) Note: All personnel must be properly fit tested before using a respirator.
9. Confine and contain spill. Cover with appropriate absorbent material. Acid and base spills should be neutralized prior to cleanup. Sweep solid material into a plastic dust pan and place in a sealed container.
10. Wet mop spill area. Be sure to decontaminate broom, dustpan, etc. Put all contaminated items (gloves, clothing, etc.) into a sealed container or plastic bag.

## Chemical Spill Kit Contents

### Absorbents:

Universal Spill Absorbent – 1:1:1 mixture of Flor-Dri (or unsented kitty litter), sodium bicarbonate and sand. This all purpose absorbent is good for most chemical spills including solvents, acids (not hydrofluoric acid), and bases.
Acid Spill Neutralizer – sodium bicarbonate, sodium carbonate, or calcium carbonate.
Alkali (Base) Neutralizer – Sodium bisulfate.
Solvents/Organic Liquid Absorbent – Inert absorbents such as vermiculite, clay, sand, Flor-Dri, and Oil-Dri.

Personal Protective Equipment (PPE)
Goggles and face shield
Heavy Neoprene gloves
Disposal lab coat and corrosive apron
Plastic vinyl booties
Dust Mask/Respirator (personnel must be properly fit tested before using a respirator)

Clean-Up Material

Plastic Dust Pan and Scoop
Plastic Bags (30 gallon, 3 mil thickness) for contaminated PPE
One Plastic Bucket (5 gallon polyethylene) with lid for spill and absorbent residues
Duct tape
Broom
Shovel
Large Water Proof Tarp

## Emergency Telephone List

| | |
|---|---|
| Fire/Police | 911 |
| WWM Division Director<br><br>Shannon Jones | Phone:<br>(505) 955-4650<br><br>Cell: (505) 660-3059<br>Home: (505) 670-9169<br><br>Fax: (505) 955-4677 |
| WWM Plant Superintendent<br><br>Luis Orozco | Phone:<br>(505) 955-4615<br>Cell:<br>(505) 379-5543<br>Home:<br>(505) 471-9399<br>Fax:<br>(505) 955-4677 |
| Wastewater Emergency Dispatch | (505) 984-7202 (24hr)<br>(505)955-4300 (day) |
| NMED 24-Spill Notification | (505) 827-9329 |

## Clean Up Kit Contents

1. Broom
2. Shovel
3. Large Water Proof Tarp
4. 5x Heavy Duty Plastic Bags
5. Generic Labels
6. 5 Extra Waste Manifest
7. 1x Roll of Duct Tape
8. PPE (coveralls, Steel-toe boots, dust mask)

**Additional Safety Items:**

1. Communications equipment (cellular telephone, two-way radio
2. Flares, triangles, cones
3. First aid kit
4. Fire extinguisher

## *Attachment E – Documentation Regarding Endangered Species*

# United States Department of the Interior

FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 OSUNA ROAD NE
ALBUQUERQUE, NM 87113
PHONE: (505)346-2525 FAX: (505)346-2542
URL: www.fws.gov/southwest/es/NewMexico/;
www.fws.gov/southwest/es/ES_Lists_Main2.html

Consultation Code: 02ENNM00-2015-SLI-0508 July 30, 2015
Event Code: 02ENNM00-2015-E-00614
Project Name: MSGP

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), the Migratory Bird Treaty Act (MBTA) as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act (BGEPA) as amended (16 USC 668-668c). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area and to recommend some conservation measures that can be included in your project design.

## FEDERALLY-LISTED SPECIES AND DESIGNATED CRITICAL HABITAT

Attached is a list of endangered, threatened, and proposed species that may occur in your project area. Your project area may not necessarily include all or any of these species. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make "no effect" determinations. If you determine that your proposed action will have "no effect" on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally-listed threatened or endangered fish or wildlife species without the appropriate permit.

If you determine that your proposed action may affect federally-listed species, consultation with the Service will be necessary. Through the consultation process, we will analyze information

contained in a biological assessment that you provide. If your proposed action is associated with Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a)(1)(B) of the ESA (also known as a habitat conservation plan) is necessary to harm or harass federally listed threatened or endangered fish or wildlife species. In either case, there is no mechanism for authorizing incidental take "after-the-fact." For more information regarding formal consultation and HCPs, please see the Service's Consultation Handbook and Habitat Conservation Plans at www.fws.gov/endangered/esa-library/index.html#consultations.

The scope of federally listed species compliance not only includes direct effects, but also any interrelated or interdependent project activities (e.g., equipment staging areas, offsite borrow material areas, or utility relocations) and any indirect or cumulative effects that may occur in the action area. The action area includes all areas to be affected, not merely the immediate area involved in the action. Large projects may have effects outside the immediate area to species not listed here that should be addressed. If your action area has suitable habitat for any of the attached species, we recommend that species-specific surveys be conducted during the flowering season for plants and at the appropriate time for wildlife to evaluate any possible project-related impacts.

**Candidate Species and Other Sensitive Species**

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico state agencies. These lists, along with species information, can be found at the following websites:

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program: www.emnrd.state.nm.us/SFD/ForestMgt/Endangered.html

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

**WETLANDS AND FLOODPLAINS**

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

**MIGRATORY BIRDS**

The MBTA prohibits the taking of migratory birds, nests, and eggs, except as permitted by the Service's Migratory Bird Office. To minimize the likelihood of adverse impacts to migratory birds, we recommend construction activities occur outside the general bird nesting season from March through August, or that areas proposed for construction during the nesting season be surveyed, and when occupied, avoided until the young have fledged.

We recommend review of Birds of Conservation Concern at website www.fws.gov/migratorybirds/CurrentBirdIssues/Management/BCC.html to fully evaluate the effects to the birds at your site. This list identifies birds that are potentially threatened by disturbance and construction.

**BALD AND GOLDEN EAGLES**

The bald eagle (*Haliaeetus leucocephalus*) was delisted under the ESA on August 9, 2007. Both the bald eagle and golden eagle (*Aquila chrysaetos*) are still protected under the MBTA and BGEPA. The BGEPA affords both eagles protection in addition to that provided by the MBTA, in particular, by making it unlawful to "disturb" eagles. Under the BGEPA, the Service may issue limited permits to incidentally "take" eagles (e.g., injury, interfering with normal breeding, feeding, or sheltering behavior nest abandonment). For information on bald and golden eagle management guidelines, we recommend you review information provided at www.fws.gov/midwest/eagle/guidelines/bgepa.html.

On our web site www.fws.gov/southwest/es/NewMexico/SBC_intro.cfm, we have included conservation measures that can minimize impacts to federally listed and other sensitive species. These include measures for communication towers, power line safety for raptors, road and highway improvements, spring developments and livestock watering facilities, wastewater facilities, and trenching operations.

We also suggest you contact the New Mexico Department of Game and Fish, and the New Mexico Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State fish, wildlife, and plants.

Thank you for your concern for endangered and threatened species and New Mexico's wildlife habitats. We appreciate your efforts to identify and avoid impacts to listed and sensitive species in your project area. For further consultation on your proposed activity, please call 505-346-2525 or email nmesfo@fws.gov and reference your Service Consultation Tracking Number.

Attachment

United States Department of Interior
Fish and Wildlife Service

Project name: MSGP

# Official Species List

**Provided by:**

New Mexico Ecological Services Field Office
2105 OSUNA ROAD NE
ALBUQUERQUE, NM 87113
(505) 346-2525
http://www.fws.gov/southwest/es/NewMexico/
http://www.fws.gov/southwest/es/ES_Lists_Main2.html

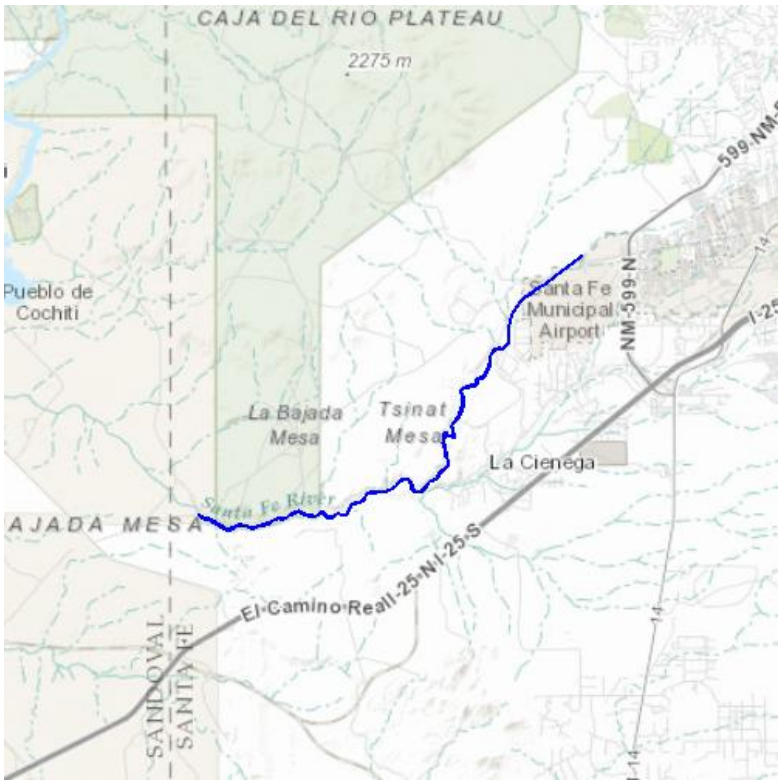
**Consultation Code:** 02ENNM00-2015-SLI-0508
**Event Code:** 02ENNM00-2015-E-00614

**Project Type:** ** OTHER **

**Project Name:** MSGP
**Project Description:** Discharge from Santa Fe WWTP

**Please Note:** The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.

**Project Location Map:**




**Project Coordinates:** The coordinates are too numerous to display here.

**Project Counties:** Santa Fe, NM

United States Department of Interior
Fish and Wildlife Service

Project name: MSGP

# Endangered Species Act Species List

There are a total of 3 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

| **Birds** | **Status** | **Has Critical Habitat** | **Condition(s)** |
|---|---|---|---|
| Mexican Spotted owl *(Strix occidentalis lucida)*<br>Population: Entire | Threatened | Final designated | |
| Southwestern Willow flycatcher *(Empidonax traillii extimus)*<br>Population: Entire | Endangered | Final designated | |
| Yellow-Billed Cuckoo *(Coccyzus americanus)*<br>Population: Western U.S. DPS | Threatened | Proposed | |

# Critical habitats that lie within your project area

There are no critical habitats within your project area.

U.S. Fish & Wildlife Service

# MSGP

## *IPaC Trust Resource Report*

Generated July 30, 2015 11:01 AM MDT

US Fish & Wildlife Service

# IPaC Trust Resource Report

## Project Description

NAME

MSGP

PROJECT CODE

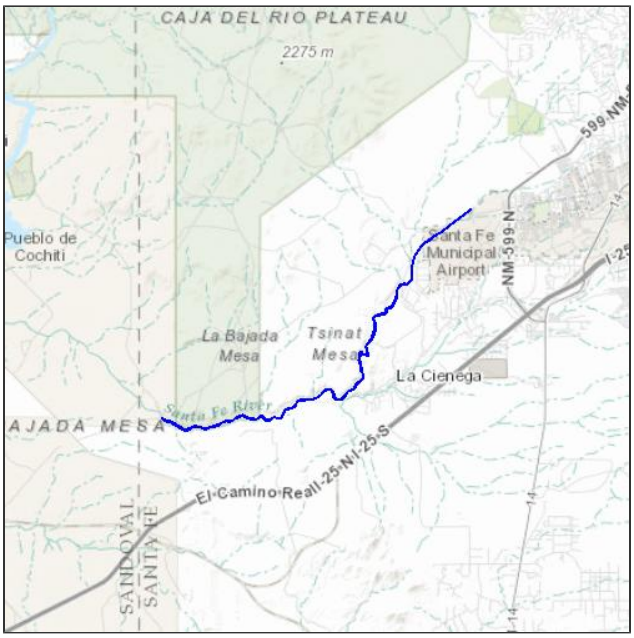
T7AAI-HFCKV-D7HJ4-L7A4B-FZ2P44

LOCATION

Santa Fe County, New Mexico

DESCRIPTION

Discharge from Santa Fe WWTP




## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**New Mexico Ecological Services Field Office**
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
(505) 346-2525

# Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the Endangered Species Program and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under Section 7 of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

## Birds

**Mexican Spotted Owl** Strix occidentalis lucida — **Threatened**

CRITICAL HABITAT
There is **final** critical habitat designated for this species.

https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B074

**Southwestern Willow Flycatcher** Empidonax traillii extimus — **Endangered**

CRITICAL HABITAT
There is **final** critical habitat designated for this species.

https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B094

**Yellow-billed Cuckoo** Coccyzus americanus — **Threatened**

CRITICAL HABITAT
There is **proposed** critical habitat designated for this species.

https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B06R

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

# Migratory Birds

Birds are protected by the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

**Bald Eagle** Haliaeetus leucocephalus — **Bird of conservation concern**
Season: Wintering
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008

**Bendire's Thrasher** Toxostoma bendirei — **Bird of conservation concern**
Season: Breeding

**Brewer's Sparrow** Spizella breweri — **Bird of conservation concern**
Season: Migrating
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HA

**Brown-capped Rosy-finch** Leucosticte australis — **Bird of conservation concern**
Season: Wintering

**Burrowing Owl** Athene cunicularia — **Bird of conservation concern**
Season: Breeding

**Chestnut-collared Longspur** Calcarius ornatus — **Bird of conservation concern**
Season: Wintering

**Flammulated Owl** Otus flammeolus — **Bird of conservation concern**
Season: Breeding
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0DK

**Fox Sparrow** Passerella iliaca — **Bird of conservation concern**
Season: Wintering

**Golden Eagle** Aquila chrysaetos — **Bird of conservation concern**
Year-round
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0DV

**Grace's Warbler** Dendroica graciae — **Bird of conservation concern**
Season: Breeding

**Gray Vireo** Vireo vicinior — **Bird of conservation concern**
Season: Breeding
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0G5

**Juniper Titmouse** Baeolophus ridgwayi — **Bird of conservation concern**
Year-round

**Lewis's Woodpecker** Melanerpes lewis — **Bird of conservation concern**
Year-round

**Loggerhead Shrike** Lanius ludovicianus **Bird of conservation concern**
Year-round
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FY

**Mountain Plover** Charadrius montanus **Bird of conservation concern**
Season: Breeding
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B078

**Olive-sided Flycatcher** Contopus cooperi **Bird of conservation concern**
Season: Breeding
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0AN

**Peregrine Falcon** Falco peregrinus **Bird of conservation concern**
Season: Breeding
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FU

**Pinyon Jay** Gymnorhinus cyanocephalus **Bird of conservation concern**
Year-round

**Prairie Falcon** Falco mexicanus **Bird of conservation concern**
Year-round
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0ER

**Red-headed Woodpecker** Melanerpes erythrocephalus **Bird of conservation concern**
Season: Breeding

**Swainson's Hawk** Buteo swainsoni **Bird of conservation concern**
Season: Breeding
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B070

**Williamson's Sapsucker** Sphyrapicus thyroideus **Bird of conservation concern**
Season: Breeding
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FX

**Willow Flycatcher** Empidonax traillii **Bird of conservation concern**
Season: Breeding
https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0F6

# Refuges

Any activity proposed on National Wildlife Refuge lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

# Wetlands

Impacts to NWI wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate U.S. Army Corps of Engineers District.

DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

## Freshwater Emergent Wetland

| | |
|---|---|
| **PEM1/SS1A** | 32.7 acres |
| **PEM1E** | 14.2 acres |
| **PEM1A** | 10.1 acres |
| **PEM1/SS1C** | 7.66 acres |
| **PEM1C** | 5.52 acres |
| **PEM1B** | 5.23 acres |
| **PEM1/SS1E** | 4.96 acres |

## Freshwater Forested/shrub Wetland

| | |
|---|---|
| **PSS1/2C** | 18.2 acres |
| **PFO1/SS2C** | 9.11 acres |
| **PFO1B** | 4.99 acres |

| | |
|---|---|
| **PSS1B** | 2.85 acres |
| **PSS1/2A** | 2.59 acres |
| **PFO1C** | 2.39 acres |
| **PSS1E** | 1.9 acres |

## Freshwater Pond

| | |
|---|---|
| **PUSCh** | 0.45 acre |
| **PUBHx** | 0.328 acre |

## Riverine

| | |
|---|---|
| **R4SBC** | 33.9 acres |

## *Attachment F – Documentation Regarding Historic Properties*

# Santa Fe County Registered Sites

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| Canoncito | | | | | |
| | Nuestra Senora de Luz Church and | | | I-25 Frontage Road | |
| | 1256 | 5/9/86 | 12/14/95 | | 1615 |
| Cerrillos | | | | | |
| | Cerrillos Opera House | | | | |
| | 316 | 3/29/74 | | | |
| | Los Cerrillos Mining District | | | | |
| | 273 | 2/9/73 | | | |
| | Mount Chalchihuitl Turquoise Mine | | | | |
| | 566 | 1/20/78 | | 273 | |
| | San Marcos, Pueblo of | | | State Road 14 | |
| | 114 | 9/12/69 | 3/26/82 | | |
| | Waldo Coke Ovens | | | | |
| | 746 | 8/24/79 | | | |
| Chimayo | | | | | |
| | El Santuario de Chimayo | | | El Potrero de Chimayo | |
| | 188 | 5/22/70 | 4/15/70 | | |
| | Oratorio de San Buenaventura | | | Plaza | |
| | 71 | 5/23/69 | | 75 | |
| | Plaza del Cerro | | | Plaza | |
| | 75 | 5/23/69 | 7/17/72 | | |
| | Santa Cruz Dam | | | | |
| | 576 | 1/20/78 | | | |
| Cundiyo | | | | | |
| | Cundiyo | | | Old State Road 4 | |
| | 195 | 6/26/70 | | | |
| Espanola | | | | | |
| | La Iglesia y la Plaza de Santa Cruz de la | | | 100 Blk, Santa Cruz Plaza | |
| | 271 | 2/9/73 | 8/17/73 | | |

| TOWN | PROPERTY NAME | | | ADDRESS | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| Galisteo | | | | | |
| | Galisteo Historic District | | | | |
| | 129 | 10/17/69 | | | |
| | Pueblo Blanco | | | | |
| | 801 | 4/3/81 | | | |
| | Pueblo Colorado (North) | | | | |
| | 107 | 9/12/69 | | | |
| | San Lazaro | | | | |
| | 113 | 9/12/69 | 10/15/66 | | |
| Glorieta | | | | | |
| | Glorieta Pass Battlefield | | | US Highway 84-85 | |
| | 49 | 3/21/69 | 10/15/66 | | |
| | Pigeon's Ranch | | | | |
| | 192 | 5/22/70 | | | 49 |
| Jacona Plaza | | | | | |
| | Roybal, Ignacio, House | | | County Road 84 | |
| | 535 | 11/4/77 | 2/13/86 | | |
| Jaconita | | | | | |
| | Lujan/Ortiz House | | | Route 4, Box 243-B | |
| | 1776 | 3/26/99 | 1/14/00 | | |
| La Bajada | | | | | |
| | La Bajada Mesa Agricultural Site | | | | |
| | 914 | 1/14/83 | 1/15/84 | | |
| | La Bajada Ruin | | | | |
| | 384 | 6/20/75 | | | |
| La Cienega | | | | | |
| | Cienega Village Museum, Old | | | State Road 22 | |
| | 387 | 8/24/79 | | | |
| | Cieneguilla Pueblo | | | County Road | |
| | 199 | 8/10/70 | | | |
| | Jackson, J. B., House | | | 268 Los Pinos Road | |
| | 1778 | 3/26/99 | 6/4/99 | | |

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| | Las Golondrinas Ranch Site and Acequia | | | State Road 22 | |
| | 219 | 8/6/71 | 2/1/80 | | |
| Lamy | | | | | |
| | Apache Canyon Railroad Bridge | | | | |
| | 541 | 12/9/77 | 4/27/79 | | |
| | Colina Verde Ruin | | | | |
| | 97 | 9/12/69 | | | |
| | Galisteo, Pueblo of | | | | |
| | 111 | 9/12/69 | | | |
| | Pflueger, John General Merchandise & | | | Main St. | |
| | 1230 | 2/28/86 | 6/23/87 | | |
| | Pueblo Largo | | | | |
| | 110 | 9/12/69 | | | |
| | San Cristobal, Pueblo of, Archeological | | | | |
| | 112 | 9/12/69 | | | |
| | She, Pueblo of | | | | |
| | 115 | 9/12/69 | | | |
| Los Alamos | | | | | |
| | Bandelier National Monument (2 portions) | | | | |
| | 56 | 5/21/71 | 10/15/66 | | |
| | Bandelier National Monument (2 portions) | | | | |
| | 56 | 5/21/71 | 5/28/87 | | |
| Madrid | | | | | |
| | Madrid Boarding House | | | | |
| | 454 | 7/30/76 | | | 356 |
| | Madrid Historic District | | | | |
| | 356 | 12/6/74 | 11/9/77 | | |
| Nambe Pueblo | | | | | |
| | Nambe Archeological District | | | | |
| | 327 | 5/17/74 | | | |
| | Nambe Pueblo | | | | |
| | 241 | 3/13/72 | 1/21/74 | | |

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| Pojoaque | | | | | |
| | Bouquet Ranch | | | Bouquet Lane | |
| | 212 | 5/21/71 | | 888 | |
| | Bouquet, Jean Historic/Archeological | | | Bouquet Lane | |
| | 888 | 10/1/82 | 1/5/83 | | |
| Rio Chiquito | | | | | |
| | Trujillo, Jose Raphael, House | | | State Road 4 | |
| | 1490 | 9/9/88 | | | |
| San Ildefonso | | | | | |
| | Black Mesa | | | | |
| | 346 | 9/27/74 | | | |
| | Otowi Bridge Historic District | | | State Road 4 | |
| | 295 | 8/20/73 | 12/4/75 | | |
| | Otowi Suspension Bridge | | | NM 502 | |
| | 1670 | 5/9/97 | 7/15/97 | | 1661 |
| | San Ildefonso Pueblo | | | | |
| | 230 | 12/30/71 | 6/20/74 | | |
| Santa Fe | | | | | |
| | Acequia Madre (east portion) | | | Camino Cabra to Garcia St. | |
| | 205 | 12/18/70 | | 260 | |
| | Agua Fria Street, 518 | | | 518 Agua Fria St. | |
| | 815 | 4/3/81 | | 260 | |
| | Agua Fria Street, 532-538 | | | 532-538 Agua Fria St. | |
| | 805 | 4/3/81 | | 260 | |
| | Agua Fria Street, 714 | | | 714 Agua Fria St. | |
| | 821 | 4/3/81 | | 260 | |
| | Agua Fria Street, 733 | | | 733 Agua Fria St. | |
| | 813 | 4/3/81 | | 260 | |
| | Alarid, Jose, House | | | 338 E. DeVargas St. | |
| | 354 | 12/6/74 | | 260 | |
| | Alarid, Ricardo, House | | | 534 Alarid St. | |
| | 1022 | 6/8/84 | 8/30/84 | 260 | |

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| | Allison Dormitory | | | 433 Paseo de Peralta | |
| | 1026 | 8/17/84 | 11/29/84 | | |
| | Alto Street, 508 | | | 508 Alto St. | |
| | 819 | 4/3/81 | | 260 | |
| | Archbishop Lamy's Chapel | | | Bishop's Lodge Rd. | |
| | 1395 | 7/17/87 | 8/19/88 | | |
| | Atchison, Topeka & Santa Fe Railway | | | Garfield St. | |
| | 827 | 5/15/81 | | 260 | |
| | Atchison, Topeka & Santa Fe Railway | | | St. Francis & Alta Vista | |
| | 367 | 2/28/75 | | | |
| | Barrio de Analco Historic District | | | Roughly bounded by E. De Vargas and | |
| | 4 | 12/20/68 | 11/24/68 | 260 | |
| | Bergere, A. M., House | | | 135 Grant Ave. | |
| | 355 | 12/6/74 | 10/1/75 | 260 | |
| | Borrego, House | | | 724 Road | |
| | 81 | 7/18/69 | | 260 | |
| | Boyle, House | | | 327 E. DeVargas St. | |
| | 82 | 7/18/69 | | 260 | |
| | Bridge of the Hidalgos | | | Grant Ave. & Rosario Blvd. | |
| | 545 | 1/20/78 | | | |
| | Camino del Monte Sol Historic District | | | Camino del Monte Sol | |
| | 1112 | 8/17/84 | 7/11/88 | | |
| | Catanach House | | | 722 Agua Fria St. | |
| | 823 | 4/3/81 | | 260 | |
| | Chapel of San Miguel and Collections | | | E. DeVargas & Santa Fe Trail | |
| | 213 | 5/21/71 | | 260 | |
| | Chavez, Trinidad, House | | | 425 W. San Francisco St. | |
| | 803 | 4/3/81 | | 260 | |
| | Conklin Estate | | | 434-436 W. San Francisco | |
| | 806 | 4/3/81 | | 260 | |
| | Connor Hall (NMSD) | | | 1060 Cerrillos Road | |
| | 1470 | 7/8/88 | 9/22/88 | | 1707 |

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| | Cooper, Bruce, House and Shop | | | Route 6, Box 44C | |
| | 1563 | 9/17/93 | | | |
| | Crespin, Gregorio, House | | | 132 E. DeVargas St. | |
| | 249 | 7/5/72 | 5/29/75 | 260 | |
| | Davey, Randall, House | | | Upper Road | |
| | 83 | 7/18/69 | 7/9/70 | | |
| | Delgado, Felipe, House | | | 124 W. Palace Ave. | |
| | 58 | 5/23/69 | | 260 | |
| | Dendahl House | | | 318 Guadalupe St. | |
| | 812 | 4/3/81 | | 260 | |
| | Digneo-Valdez House | | | 1231 Paseo de Peralta | |
| | 658 | 7/28/78 | 11/21/78 | | |
| | Don Gaspar Historic District | | | Don Gaspar Ave. | |
| | 891 | 12/1/82 | 7/21/83 | | |
| | Dorman House | | | 707 Old Santa Fe Trail | |
| | 752 | 10/26/79 | | | |
| | Dudrow House | | | 548 Agua Fria St. | |
| | 822 | 4/3/81 | | 260 | |
| | Dunlap Street, 715 | | | 715 Dunlap St. | |
| | 826 | 4/3/81 | | 260 | |
| | El Patio Building | | | 117 Guadalupe St. | |
| | 834 | 9/4/81 | | 260 | |
| | El Zaguan | | | 545 Road | |
| | 84 | 7/18/69 | | 260 | |
| | Federal Building, Old | | | Cathedral Place | |
| | 874 | 6/4/82 | 8/15/74 | 260 | |
| | Field, Mr. & Mrs. William N. Residence | | | 1005 E. Alameda | |
| | 302 | 10/27/73 | | | |
| | First Ward School | | | 400 Canyon Road | |
| | 707 | 12/15/78 | | 260 | |
| | Fort Marcy Officer's Residence | | | 116 Lincoln Ave. | |
| | 379 | 5/3/75 | 6/20/75 | 260 | |

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| | Fort Marcy Ruins | | | Kearney Ave. | |
| | 87 | 7/18/69 | 4/14/75 | | |
| | Gallegos, Hilario, House | | | 332-334 Otero St. | |
| | 1002 | 2/17/84 | | 260 | |
| | Gallegos, Padre, House | | | 227-237 Washington Ave. | |
| | 62 | 5/23/69 | | 260 | |
| | Guadalupe Street, 110 | | | 110 Guadalupe St. | |
| | 817 | 4/3/81 | | 260 | |
| | Gutierrez, Marcos and Nicolasa, House | | | 738 Agua Fria St. | |
| | 809 | 4/3/81 | | 260 | |
| | Hayt-Wientge Mansion | | | 620 Paseo de la Cuma | |
| | 377 | 3/27/75 | 5/6/77 | | |
| | Hesch House | | | 324-326 Read St. | |
| | 259 | 9/29/72 | | 260 | |
| | Hinojos, Francisca, House | | | 355 E. Palace Ave. | |
| | 65 | 5/23/69 | | 260 | |
| | Holmes, Juan, House | | | 300 Otero St. | |
| | 919 | 3/4/83 | | 260 | |
| | Hospital Building (NMSD) | | | 1060 Cerrillos Road | |
| | 1471 | 7/8/88 | 9/22/88 | | 1707 |
| | Kopp, Andreas, House | | | 501 Rio Grande Blvd. | |
| | 1003 | 2/17/84 | | | |
| | La Conquistadora | | | Cathedral Place | |
| | 88 | 7/18/69 | | 260 | |
| | La Conquistadora Chapel | | | Cathedral Place | |
| | 141 | 1/9/70 | | 260 | |
| | Laboratory of Anthropology | | | 708 Camino Lejo | |
| | 890 | 12/1/82 | 7/12/83 | | |
| | Larragoite Residence | | | 803 Agua Fria St. | |
| | 816 | 4/3/81 | | 260 | |
| | Lobato, Roque, House | | | 311 Washington Ave. | |
| | 67 | 5/23/69 | | 260 | |

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| | Manhatten Avenue, 701 West | | | 701 W. Manhattan Ave. | |
| | 808 | 4/3/81 | | 260 | |
| | McKibbin, Dorothy S., House | | | 1099 Old Santa Fe Trail | |
| | 1303 | 10/24/86 | | | |
| | Montezuma Avenue, 418 | | | 418 Montezuma Ave. | |
| | 807 | 4/3/81 | | 260 | |
| | Museum of New Mexico, Collections at | | | 116 Lincoln Ave. | |
| | 217 | 5/20/71 | | | |
| | National Park Service Southwest Regional | | | Old Santa Fe Trail | |
| | 144 | 5/21/71 | 10/6/70 | | |
| | New Mexico State Supreme Court Building | | | | |
| | 1795 | | | | |
| | Oldest House, The | | | 215 E. DeVargas St. | |
| | 468 | 8/27/76 | | 260 | |
| | Ortiz y Ortiz Residence | | | 573 W. San Francisco St. | |
| | 828 | 5/15/81 | | 260 | |
| | Ortiz y Pino, House | | | 504 Galisteo St. | |
| | 1517 | 12/8/89 | | | |
| | Ortiz, Nicholas and Antonio Jose, Houses | | | 306-322 1/2 W. San Francisco | |
| | 16 | 12/20/68 | | 260 | |
| | Our Lady of Guadalupe Church | | | Agua Fria & Guadalupe St. | |
| | 72 | 5/23/69 | | 260 | |
| | Our Lady of Light Chapel | | | Old Santa Fe Trail | |
| | 218 | 6/20/71 | | 260 | |
| | Palace Avenue, 525 East | | | 525 E. Palace Ave. | |
| | 1511 | 9/29/89 | | 260 | |
| | Palace of the Governors | | | Plaza | |
| | 17 | 12/20/68 | 10/15/66 | 260 | |
| | Prada, Juan Jose, House | | | 519 Canyon Road | |
| | 253 | 7/5/72 | | 260 | |
| | Preston, George Cuyler, House | | | 106 Faithway St. | |
| | 375 | 3/27/75 | | 260 | |

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| | Prince Plaza | | | 107-117 E. Palace Ave. | |
| | 211 | 4/23/71 | | 260 | |
| | Read, Benjamin M., House | | | 309 Read St. | |
| | 950 | 10/25/83 | | 260 | |
| | Reredos of Our Lady of Light | | | Canyon Rd. & Cristo Rey | |
| | 89 | 7/20/79 | 9/4/70 | 260 | |
| | Rio Grande Depot, Santa Fe | | | Guadalupe & Garfield St. | |
| | 350 | 9/27/74 | | 260 | |
| | Rodriguez, Juan, House | | | Cerro Gordo & Gonzales | |
| | 76 | 5/23/69 | | | |
| | Rosario Chapel and Cemetery | | | Guadalupe St. | |
| | 90 | 7/18/69 | | 260 | |
| | Roybal, Jose Rafael, House | | | 541 Agua Fria St. | |
| | 814 | 4/3/81 | | 260 | |
| | Rush, Olive Studio | | | 630 Canyon Road | |
| | 303 | 10/27/73 | | 260 | |
| | San Francisco Street, 406 West | | | 406 W. San Francisco St. | |
| | 804 | 4/3/81 | | 260 | |
| | San Francisco Street, 447 West | | | 447 W. San Francisco St. | |
| | 818 | 4/3/81 | | 260 | |
| | San Francisco Street, 450 West | | | 450 W San Francisco St. | |
| | 811 | 4/3/81 | | 260 | |
| | San Francisco Street, 637.5 West | | | 635.5 W. San Francisco St. | |
| | 810 | 4/3/81 | | 260 | |
| | Sandoval House | | | 671-673 W. San Francisco | |
| | 825 | 4/3/81 | | 260 | |
| | Santa Fe Builders Supply Company | | | 500 Montezuma Ave. | |
| | 820 | 4/3/81 | | 260 | |
| | Santa Fe County Courthouse | | | 102 Grant Ave. | |
| | 1279 | 5/9/86 | | 260 | 1722 |
| | Santa Fe Historic District | | | | |
| | 260 | 9/29/72 | 7/23/73 | | |

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| | Santa Fe Plaza | | | Plaza | |
| | 27 | 12/20/68 | 10/15/66 | 260 | |
| | Santa Fe River Sites | | | | |
| | 200 | 8/10/70 | | | |
| | Santa Fe Waterworks Reservoir | | | Upper Canyon Road | |
| | 577 | 1/20/78 | | | |
| | School Building Number 2 (NMSD) | | | 1060 Cerrillos Road | |
| | 1469 | 7/8/88 | 9/22/88 | | 1707 |
| | Scottish Rite Temple | | | 463 Paseo de Peralta | |
| | 924 | 7/8/83 | 3/13/87 | | |
| | Second Ward School | | | 312 Sandoval St. | |
| | 516 | 7/15/77 | 3/30/78 | 260 | |
| | Sena Plaza | | | E. Palace Ave. | |
| | 91 | 7/18/69 | | 260 | |
| | Sena, Jose D., House | | | 202 Closson St. | |
| | 824 | 4/3/81 | | 260 | |
| | Seton Castle | | | | |
| | 119 | 5/18/73 | 10/15/66 | | |
| | Shonnard, Eugenie, House | | | 1411 Paseo de Peralta | |
| | 320 | 3/1/74 | 9/5/75 | 891 | |
| | Sol y Sombra | | | 4108 Old Santa Fe Trail | |
| | 615 | 2/24/78 | | | |
| | Spanish & Mexican Period Documentary | | | 1209 Camino Carlos Rey | |
| | 289 | 6/29/73 | | | |
| | Spanish Log Cabin | | | Upper Canyon Road | |
| | 256 | 7/5/72 | | | |
| | Spiegelberg-Spitz House | | | 327 E. Palace Ave. | |
| | 223 | 11/20/71 | 5/25/73 | 260 | |
| | Stone Warehouse | | | 316 Guadalupe St. | |
| | 261 | 9/29/72 | | 260 | |
| | Superintendent's Residence (NMSD) | | | 1060 Cerrillos Road | |
| | 1472 | 7/8/88 | 9/22/88 | | 1707 |

| TOWN | PROPERTY NAME | ADDRESS | | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| | Supreme Body Shop | | | 326 Guadalupe St. | |
| | 831 | 6/26/81 | | 260 | |
| | Tudesqui, Roque, House | | | 129-135 E. DeVargas St. | |
| | 258 | 7/5/72 | | 260 | |
| | Tully, Pinckney R., House | | | 136 Grant Ave. | |
| | 79 | 5/23/69 | 11/5/74 | 260 | |
| | US Courthouse, Santa Fe | | | Federal Place | |
| | 244 | 3/13/72 | 5/25/73 | 260 | |
| | Van Dresser, Peter, House | | | 1002.5 Canyon Road | |
| | 835 | 9/4/81 | | 260 | |
| | Vierra, Carlos, House | | | 1002 Old Pecos Trail | |
| | 712 | 2/9/79 | 8/3/79 | | |
| | Vigil, Donaciano, House | | | 518 Alto St. | |
| | 80 | 5/23/69 | 6/28/72 | 260 | |
| | Wheelwright Museum of the American | | | 704 Camino Lejo | |
| | 1533 | 10/5/90 | 12/18/90 | | |
| | Wood, Professor J. A., House | | | 511 Armijo St. | |
| | 851 | 3/12/82 | | 260 | |
| Seton Village | | | | | |
| | Seton Village (REMOVED) | | | | |
| | 282 | 9/1/69 | 10/15/66 | | |
| Stanley | | | | | |
| | West Otto Site | | | | |
| | 245 | 3/13/72 | | | |
| Tesuque | | | | | |
| | El Rancho Viejo (REMOVED) | | | State Road 22 | |
| | 270 | 2/9/73 | | | |
| Tesuque Pueblo | | | | | |
| | Tatunge | | | | |
| | 222 | 11/22/71 | 7/16/73 | | |
| White Rock | | | | | |

| TOWN | PROPERTY NAME | | ADDRESS | | |
|---|---|---|---|---|---|
| | HPD NUM | SR DATE | NR DATE | DISTRICT | MULTI |
| Navawi | | | | | |
| | 857 | 3/12/82 | 12/8/82 | | |

## *Attachment G - Authorization of Designated Representative/Signatory*

# City of Santa Fe, New Mexico

200 Lincoln Avenue, P.O. Box 909, Santa Fe, N.M. 87504-0909

David Coss, *Mayor*

Councilors:
Rebecca Wurzburger, Mayor Pro Tem, Dist. 2
Patti J. Bushee, Dist. 1
Chris Calvert, Dist. 1
Peter N. Ives, Dist. 2
Carmichael A. Dominguez, Dist. 3
Christopher M. Rivera, Dist. 3
Bill Dimas, Dist. 4
Ronald S. Trujillo, Dist. 4


**CERTIFIED MAIL RETURN RECEIPT REQUESTED**

#70041160 0006 8883 7656

September 19, 2013

Diana McDonald
EPA Region 6 (6EN-WM)
1445 Ross Avenue
Suite 1200
Dallas, TX 75202

RE: Designated Signatory – City of Santa Fe – Wastewater Treatment Plant NPDES Permit No. NMR050000, Tracking No. NMR05GP02

Dear Ms. McDonald:

Pursuant to 40 CFR 122.22 the City of Santa Fe designates the position of Director of the City of Santa Fe Wastewater Treatment Plant as having responsibility for the overall operation of the regulated facility and thereby authorized to sign all reports and correspondence required by this Permit. This authorization is effective immediately. Please contact Bryan Romero at 505.955.4623 if you have any questions.

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

Sincerely,

Brian K. Snyder
City Manager
City of Santa Fe

xc: Nick Schiavo, Director
City of Santa Fe Public Utilities Department

Bryan Romero, Acting Director
City of Santa Fe – Wastewater Treatment Plant

Diana McDonald
Water Enforcement Branch (6EN-WM)

NMED Surface Water Quality Bureau

NOI Processing Center