

Industrial SWPPP Template

Introduction

To help you develop a SWPPP that is consistent with the 2008 MSGP, the U.S Environmental Protection Agency (EPA) has created this Industrial SWPPP Template (or, “the Template”). Use of the Template will help ensure that your SWPPP addresses all the necessary elements required in Part 5 of the 2008 MSGP.

Before completing the Template, make sure you read and understand the requirements in the 2008 MSGP. A copy of the MSGP is available at www.epa.gov/npdes/stormwater/msgp.

Using the Industrial SWPPP Template

Tips for completing the Template:

- This Template is designed for use by all facilities eligible for coverage under the 2008 MSGP. The Template is NOT tailored to your individual industrial sector. Depending on which industrial sector you fall under (see Appendix D of the 2008 MSGP) and on where your facility is located (see Appendix C of the 2008 MSGP), you will need to address additional SWPPP requirements outlined in Part 8 and/or Part 9 of the permit, respectively.
- Complete a SWPPP *before* submitting your Notice of Intent (NOI) for permit coverage.
- Each section includes “instructions” and space for your facility’s specific information. You should read the instructions for each section before you complete that section.
- The Template was developed in *Microsoft Word* so that you can easily add tables and additional text. Some sections may require only a brief description while others may require several pages of explanation.
- To make it easier to complete, the Template generally uses **blue text** where the operator is expected to enter information.

EPA notes that while EPA has made every effort to ensure the accuracy of all instructions and guidance contained in the Template, the actual obligations of regulated industrial facilities are determined by the relevant provisions of the permit, not by the Template. In the event of a conflict between the Template and any corresponding provision of the MSGP, the permit controls. EPA welcomes comments on the Template at any time and will consider those comments in any future revision of this document.

Stormwater Pollution Prevention Plan

for:

Artesia Wastewater Treatment Plant
1702 N. Haldeman Road
Artesia, NM 88210
575-746-9651

SWPPP Contact(s):

Artesia Wastewater Treatment Plant
Michael E. Stroud
1702 N. Haldeman Road
Artesia, NM 88210
575-746-9651
575-746-0068

SWPPP Preparation Date:

10/04/2010

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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 2008 MSGP NOI form and instructions – specifically sections C and D of the NOI. A copy of the 2008 MSGP NOI is available at www.epa.gov/npdes/stormwater/msgp (Appendix G of the permit)
- Detailed information on determining your site's latitude and longitude can be found at www.epa.gov/npdes/stormwater/latlong.
- You must include a copy of the 2008 MSGP, or a reference or link to where a copy can be found, in Attachment C of your SWPPP.

Facility Information

Name of Facility: [Artesia Wastewater Treatment Plant](#)

Street: [1702 N. Haldeman Road](#)

City: [Artesia](#)

State: [NM](#)

ZIP Code: [88210](#)

County or Similar Subdivision: [Eddy](#)

Permit Tracking Number: _____ (if covered under a previous permit)

Latitude/Longitude (Use **one** of three possible formats, and specify method)

Latitude:

Longitude:

1. [32 ° 51 ' 30 " N](#) (degrees, minutes, seconds)

1. [104 ° 21 ' 35 " W](#) (degrees, minutes, seconds)

2. ___ ° ___ . ___ ' N (degrees, minutes, decimal)

2. ___ ° ___ . ___ ' W (degrees, minutes, decimal)

3. ___ . ___ ° N (decimal)

3. ___ . ___ ° W (decimal)

Method for determining latitude/longitude (check one):

USGS topographic map (specify scale: _____)

EPA Web site

GPS

Other (please specify): [Google Earth](#)

Is the facility located in Indian Country? Yes No

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

Is this facility considered a Federal Facility?

Yes

No

Estimated area of industrial activity at site exposed to stormwater: [40.1](#) (acres)

Discharge Information

Does this facility discharge stormwater into an MS4? Yes No

If yes, name of MS4 operator: N/A

Name(s) of water(s) that receive stormwater from your facility: Pecos River

Are any of your discharges directly into any segment of an "impaired" water? Yes No

If Yes, identify name of the impaired water (and segment, if applicable): _____

Identify the pollutant(s) causing the impairment: _____

For pollutants identified, which do you have reason to believe will be present in your discharge? _____

For pollutants identified, which have a completed TMDL? _____

Do you discharge into receiving water designated as a Tier 2 (or Tier 2.5) water? Yes No

Are any of your stormwater discharges subject to effluent guidelines? Yes No

If Yes, which guidelines apply? 2008 MSGP

Primary SIC Code or 2-letter Activity Code: TW

(refer to Appendix D of the 2008 MSGP)

Identify your applicable sector and subsector: Sector T: treatment works; Subsector T1: TW

1.2 Contact Information/Responsible Parties

Instructions:

- List the facility operator(s), facility owner, and 24 hour emergency contact. 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 2008 MSGP).

Facility Operator (s):

Name: Michael E. Stroud

Address: 1702 N. Haldeman Road

City, State, Zip Code: Artesia, NM 88210

Telephone Number: 575-746-9651

Email address: mstroud@artesianm.gov

Fax number: 575-746-0068

Facility Owner (s):

Name: City of Artesia (Robert E. Forrest – Infrastructure Director)

Address: P.O. Box 1310

City, State, Zip Code: [Artesia, NM 88211](#)
 Telephone Number: [575-746-9821](#)
 Email address: rforrest@artesianm.gov
 Fax number: [575-746-3110](#)

SWPPP Contact:

Name: [Michael E. Stroud](#)
 Telephone number: [575-746-9651](#)
 Email address: mstroud@artesianm.gov
 Fax number: [575-746-0068](#)

1.3 Stormwater Pollution Prevention Team

Instructions (see 2008 MSGP Part 5.1.1):

- Identify the staff members (by name or title) that comprise the facility's stormwater pollution prevention team as well as their individual responsibilities.
- Your stormwater pollution prevention team is responsible for assisting the facility manager in developing and revising the facility's SWPPP, implementing and maintaining control measures/BMPs, and taking corrective actions where required. Each member of the stormwater pollution prevention team must have ready access to either an electronic or paper copy of applicable portions of the MSGP and your SWPPP.

| Staff Names | Individual Responsibilities |
|-----------------------------------|---|
| Michael E. Stroud | Wastewater Treatment Plant Supervisor in charge of developing and revising the facility's MSGP and SWPPP implementation and maintenance plan. |
| Kenny Lipe | Assisting the facility supervisor in developing and revising the facility's MSGP and SWPPP implementation and maintenance plan. |
| Frank Trujillo | Assisting the facility supervisor in developing and revising the facility's MSGP and SWPPP implementation and maintenance plan. |
| Patsy Hernandez | Assisting the facility's MSGP and SWPPP implementation and maintenance plan. |
| Dwayne Oliver | Assisting the facility's MSGP and SWPPP implementation and maintenance plan. |
| Laurence Willard | Assisting the facility's MSGP and SWPPP implementation and maintenance plan. |
| Stan Mayo | Assisting the facility's MSGP and SWPPP implementation and maintenance plan. |

1.4 *Activities at the Facility*

Instructions (see 2008 MSGP Part 5.1.2):

- Provide a general description of the nature of the industrial activities at your facility.

The wastewater treatment facility consist of the following processes: headworks (pumps, bar screen), two oxidation ditches (two basins per oxidation ditch), two circular clarifiers, ultraviolet disinfection system (one channel with 3 trains), sludge pumps, sludge polymer injection, one sludge digester, one sludge thickener, one belt filter press, one storage lagoon, and composting.

Inflows from the City of Artesia are collected prior to the headworks. After the headworks the flow goes to the oxidation ditches. A 24" DI pipe connects each oxidation ditch to one circular clarifier. The flow from both clarifiers goes to the ultraviolet disinfection system. Once the flow has been disinfected, the effluent is discharge to the Pecos River or to the following discharge sites: reuse pond and effluent building wet well at the WWTP, Country Club, JC Park, Robert Park, The Chase Complex, and Eagle Draw.

The sludge from both clarifiers is pumped to a thickener and then to a sludge digester. From the sludge digester, the sludge is pumped to a belt filter press for dewatering. Finally, the 15% to 20% sludge cake is then composted on the composting sludge beds.

1.5 *General Location Map*

Instructions (see 2008 MSGP Part 5.1.2):

- Provide a general location map (e.g., U.S. Geological Survey (USGS) quadrangle map) 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).

Include a copy of the general location map for this facility in Attachment A.

1.6 Site Map

Instructions (see 2008 MSGP Part 5.1.2):

- Include a map showing the following information. The site map should be included as Attachment B of this SWPPP Template.
 - the size of the property in acres;
 - the location and extent of significant structures and impervious surfaces;
 - directions of stormwater flow (use arrows);
 - locations of all existing structural control measures;
 - locations of all receiving waters in the immediate vicinity of your facility, indicating if any of the waters are impaired and, if so, whether the waters have TMDLs established for them;
 - locations of all stormwater conveyances including ditches, pipes, and swales;
 - locations of potential pollutant sources identified under MSGP, Part 5.1.3.2;
 - locations where significant spills or leaks identified under MSGP, Part 5.1.3.3 have occurred;
 - locations of all stormwater monitoring points;
 - locations of stormwater inlets and outfalls, with a unique identification code for each outfall (e.g., Outfall No. 1, No. 2, etc), indicating if you are treating one or more outfalls as “substantially identical” under MSGP, Parts 4.2.3, 5.1.5.2, and 6.1.1, and an approximate outline of the areas draining to each outfall;
 - municipal separate storm sewer systems, where your stormwater discharges to them;
 - locations and descriptions of all non-stormwater discharges identified under MSGP, Part 2.1.2.10;
 - 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.

Include a copy of the site map for this facility in Attachment B.

SECTION 2: POTENTIAL POLLUTANT SOURCES

Instructions (see 2008 MSGP Part 5.1.3):

- In this section, you are required to describe areas at your facility where industrial materials or activities are exposed to stormwater or from which allowable non-stormwater discharges are released.

2.1 Industrial Activity and Associated Pollutants

Instructions (see 2008 MSGP Parts 5.1.3.1 and 5.1.3.2):

- Include a list of industrial activities exposed to stormwater (e.g., material storage; equipment/vehicle fueling, maintenance, and cleaning; cutting steel beams) and the pollutants or pollutant constituents (e.g., motor oil, fuel, battery acid, and cleaning solvents) associated with these activities.
- 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 3 years prior to the date you prepare your SWPPP.

| Industrial Activity | Associated Pollutants |
|------------------------------|---|
| Maintenance Building | motor oil, fuel, battery acid, cleaning solvents |
| Carport/Shed | motor oil, fuel, battery acid, cleaning solvents |
| Sludge Pad | Sludge tested periodically and results show all contaminants below their MCL |
| Compost Pad | Compost tested periodically and results show all contaminants below their MCL |
| Mechanical/manual bar screen | Wastewater effluent pollutants (refer to NPDES Permit # NM0022268) |
| Headworks | Wastewater effluent pollutants (refer to NPDES Permit # NM0022268) |
| Aeration basins | Wastewater effluent pollutants (refer to NPDES Permit # NM0022268) |
| Clarifiers | Wastewater effluent pollutants (refer to NPDES Permit # NM0022268) |
| Sludge thickener basin | Wastewater effluent pollutants (refer to NPDES Permit # NM0022268) |
| Digester basin | Wastewater effluent pollutants (refer to NPDES Permit # NM0022268) |

2.2 Spills and Leaks

Instructions (See 2008 MSGP Part 5.1.3.3):

- Include the following in this section:
 - o **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 outfall(s) are likely to be affected by such spills and leaks.
 - o **Past spills and leaks:** A description of significant spills and leaks in the past 3 years of oil or toxic or hazardous pollutants 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 | Outfalls |
|--|----------|
| Around mechanical/manual bar screen (see Map Site on attachment B) | None |
| Around headworks (see Map Site on attachment B) | None |
| Around aeration basins (see Map Site on attachment B) | None |
| Around clarifiers (see Map Site on attachment B) | None |
| Around sludge thickener basin (see Map Site on attachment B) | None |
| Around digester basin (see Map Site on attachment B) | None |
| Around sludge Pad | None |
| Around compost Pad | None |

Description of Past Spills/Leaks

| Date | Description | Outfalls |
|------|-------------|----------|
| N/A | N/A | N/A |

2.3 Non-Stormwater Discharges Documentation

Instructions (see 2008 MSGP Part 5.1.3.4):

- The questions below require you to provide documentation of the following:
 - o Your evaluation for the presence of non-stormwater discharges at your site; and
 - o Your elimination of any unauthorized non-stormwater discharges.

- Date of evaluation: [September 15, 2010](#)

- Description of the evaluation criteria used: [Walked the entire area with the Artesia Wastewater Treatment Plant \(WWTP\) Supervisor.](#)
- List of the outfalls or onsite drainage points that were directly observed during the evaluation: [No stormwater gets inside or outside the Artesia WWTP. The entire area has a berm \(1' to 2' high\) that does not allow stormwater get inside the WWTP. Stormwater inside the WWTP drains toward a natural pond located at the northeast corner of the WWTP. The capacity of the pond is approximately 650,000 gallons \(200' W x 300' L x 1.5' H\). There are not stormwater outfalls at the Artesia WWTP.](#)
- Different types of non-stormwater discharge(s) and source locations: [Wastewater Treatment Plant outfall \(NPDES Permit # NM0022268\). Refer to Attachment A for outfall location.](#)
- Action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), if any were identified. For example, a floor drain was sealed, a sink drain was re-routed to sanitary, or an NPDES permit application was submitted for an unauthorized cooling water discharge: [No unauthorized discharge\(s\) were identified.](#)

2.4 Salt Storage

Instructions (see 2008 MSGP Part 5.1.3.5):

- 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 3.7 of this SWPPP template, below.

N/A

2.5 Sampling Data Summary

Instructions (See 2008 MSGP Part 5.1.3.6):

- Summarize all stormwater sampling data collected from your permitted outfalls during the previous permit term.

[This is the first time the Artesia WWTP has applied for a MSGP-SWPPP permit. There are no monitoring laboratory reports or stormwater sampling data collected. As a reminder, the Artesia WWTP does not have a stormwater outfall \(refer to section 2.3\).](#)

SECTION 3: STORMWATER CONTROL MEASURES

Instructions (See 2008 MSGP Parts 5.1.4.1 and 2.1.2):

- In Sections 3.1 - 3.12 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 effluent limits" in Part 2.1.2 of the 2008 MSGP.

3.1 Minimize Exposure

Instructions (see 2008 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 entire area (40.1 acres) is surrounded by a 1 to 2 feet high earth berm. Additionally, smaller berms are located around the compost pad and the sludge pad. Any excess stormwater inside the WWTP goes to the natural pond located at the northeast side of the WWTP.

3.2 Good Housekeeping

Instructions (see 2008 MSGP Parts 2.1.2.2 and 5.1.5.1):

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.

1. Maintenance of earth berms – around the entire WWTP area, compost pad, and sludge pad (once a month)
2. Street sweeper inside the WWTP – all roads inside the WWTP (every 2 to 4 weeks)
3. Collection of trash/debris - entire WWTP area (every day)
4. Mow all grass areas - entire WWTP area (every 2 weeks)

3.3 Maintenance

Instructions (see 2008 MSGP Parts 2.1.2.3 and 5.1.5.1):

- Describe procedures (1) to maintain industrial equipment so that spills/leaks are avoided, and (2) to maintain any of your site's 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.

Personnel at the Artesia WWTP inspect all wastewater processes (bar screens, headworks, aeration basins, clarifiers, digester, sludge thickener, and belt filter press) every day for leaks and spills. All wastewater processes are cleaned and maintained on a daily basis.

3.4 *Spill Prevention and Response*

Instructions (see 2008 MSGP Parts 2.1.2.4 and 5.1.5.1):

- 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:
 - Procedures for plainly labeling containers (e.g., “Used Oil,” “Spent Solvents,” “Fertilizers and Pesticides,” etc.) that could be susceptible to spillage or leakage to encourage proper handling and facilitate rapid response if spills or leaks occur;
 - Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling;
 - Procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases; and
 - Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies.

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.

As mentioned before, the entire Artesia WWTP is surrounded by an earth berm limiting the amount of stormwater getting out of the WWTP to zero.

No leaks or spills have ever been reported. The WWTP has a capacity of 2.6 gallons per day. The current flow is approximately 1.3 gallons per day.

3.5 *Erosion and Sediment Controls*

Instructions (see 2008 MSGP Part 2.1.2.5):

Describe structural or non-structural controls used at your site to stabilize exposed areas and contain runoff to minimize onsite erosion and potential offsite discharges of sediment. Note: You must at a minimum implement flow velocity dissipation devices at outfalls and discharge channels. Describe the location at your site where each control will be implemented.

All areas that are not a wastewater treatment process or road or sidewalks are covered by grass. All stormwater collected is discharged to the natural pond located in the northeast corner at the WWTP. In order to maintain low flow velocities, all roads and drainage channels have a very mild slope.

3.6 Management of Runoff

Instructions (See 2008 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 will be implemented.

All stormwater collected inside the Artesia WWTP goes to the natural pond located in the northeast corner of the WWTP. Stormwater gets there by mild road slopes and earthen drainage channels. The entire area is graded towards the natural pond.

3.7 Salt Storage Piles or Piles Containing Salt

Instructions (see 2008 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, or that 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 will be implemented.

N/A

3.8 MSGP Sector-Specific Non-Numeric Effluent Limits

Instructions (see 2008 MSGP Part 2.1.2.8):

- 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 2008 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, L, M, N, O, P, Q, R, S, T, U, V, X, Y, Z, and AA.

It is important to mention that the Artesia WWTP does not treat stormwater, only wastewater. With the exception of the bar screen treatment process, the sludge and compost pad all other wastewater processes are above ground and do not come into with stormwater on the ground (only precipitation). Attachment B shows all the wastewater treatment processes at the WWTP. Please refer to the NMPDES Permit # NM0022268 for potential pollutants associated with the WWTP effluent. The Artesia WWTP keeps the current NPDES permit at the site at all times

3.9 Employee Training

Instructions (see 2008 MSGP Parts 2.1.2.9 and 5.1.5.1):

Describe your plan for training the 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 2008 MSGP, including all members of your Pollution Prevention Team. Included in your description must be the frequency of training (note: recommended at least one time per year), and the schedule you will follow.

The Artesia WWTP personnel has weekly safety and training meetings.

3.10 Non-Stormwater Discharges

Instructions (see 2008 MSGP 2.1.2.10):

Describe how you eliminated any unauthorized non-stormwater discharges at your site. The unauthorized non-stormwater discharges include any non-stormwater discharges that are not specifically identified in Part 1.1.3 of the 2008 MSGP. Note: If this section is already addressed by your documentation for Section 2.3 of the SWPPP template, you can simply include a cross-reference to that section of your SWPPP.

No unauthorized discharge(s) were identified.

3.11 Waste, Garbage and Floatable Debris

Instructions (see 2008 MSGP Part 2.1.2.11):

Describe controls and procedures that will be used at your site to minimize discharges of waste, garbage, and floatable debris. Describe the location at your site where each control and/or procedure will be implemented.

1. Street sweeper inside the WWTP – all roads inside the WWTP (every 2 to 4 weeks)
2. Collection of trash/debris - entire WWTP area (every day)

3.12 Dust Generation and Vehicle Tracking of Industrial Materials

Instructions (see 2008 MSGP Part 2.1.2.12):

Describe controls and procedures you will use at your site to minimize the generation of dust and off-site tracking of raw, final, or waste materials. Describe the location at your site where each control and/or procedures will be implemented.

With the exception of the wastewater treatment processes and roads, the rest of the area is covered by grass. Wood chips are used in order to control dust generation from the sludge and compost pads.

SECTION 4: SCHEDULES AND PROCEDURES FOR MONITORING

Instructions (see 2008 MSGP Part 5.1.5.2):

- Describe your procedures for conducting the five types of analytical monitoring specified by the MSGP, where applicable to your facility, including:
 - Benchmark monitoring (2008 MSGP, Part 6.2.1 and relevant requirements in Part 8 and/or Part 9);
 - Effluent limitations guidelines monitoring (2008 MSGP, Part 6.2.2 and relevant requirements in Part 8);
 - State- or Tribal-specific monitoring (2008 MSGP, Part 6.2.3 and relevant requirements in Part 9);
 - Impaired waters monitoring (2008 MSGP, Part 6.2.4); and
 - Other monitoring as required by EPA (2008 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 2008 MSGP, Part 6 and Appendix B, Subsections 10 – 12, and any additional sector-specific or State/Tribal-specific requirements in 2008 MSGP, Parts 8 and 9, respectively. Refer to 2008 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 2008 MSGP, Part 6.2.1.3.
- If you plan to use the substantially identical outfall exception for your benchmark monitoring requirements in 2008 MSGP, Part 6.2.1 and/or your quarterly visual assessment requirements in 2008 MSGP, Part 4.2.3, you must include the following documentation:
 - Location of each of the substantially identical outfalls;
 - Description of the general industrial activities conducted in the drainage area of each outfall;
 - Description of the control measures implemented in the drainage area of each outfall;
 - Description of the exposed materials located in the drainage area of each outfall 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%); and
 - Why the outfalls are expected to discharge substantially identical effluents.

For each type of monitoring, your SWPPP must include a description of:

1. **Sample Location(s).** Describe where samples will be collected, including any determination that two or more outfalls are substantially identical. *As mentioned before, stormwater does not get inside or outside the WWTP area. The only stormwater in the WWTP comes from precipitation. Also, as mentioned before, the Artesia WWTP does not have a stormwater outfall. All stormwater gets directed to a natural pond located inside the Artesia WWTP (northeast corner). At this time, the Artesia WWTP is invoking an exception for all types of monitoring.*

2. **Pollutant Parameters to be Sampled.** Include a list of the pollutant parameters that will be sampled and the frequency of sampling for each parameter. [Refer to Section 4 question #1.](#)
3. **Monitoring Schedules.** Include the schedule you will follow for monitoring your stormwater discharge, including where applicable any alternate monitoring periods to be used for facilities in climates with irregular stormwater runoff (2008 MSGP, Part 6.1.6). [Refer to Section 4 question #1](#)
4. **Numeric Limitations.** List here any pollutant parameters subject to numeric limits (effluent limitations guidelines), and which outfalls are subject to such limits. Note that numeric limits are only included for Sectors A, C, D, E, J, K, L, and O. [Refer to Section 4 question #1](#)
5. **Procedures.** Describe procedures you will follow for collecting samples, including responsible staff who will be involved, logistics for taking and handling samples, laboratory to be used, etc. [Refer to Section 4 question #1](#)

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)

If you are invoking the exception for inactive and unstaffed sites for benchmark monitoring, include information to support this claim.

[As mentioned before, stormwater does not get inside or outside the WWTP area. The only stormwater in the WWTP comes from precipitation. Also, as mentioned before, the Artesia WWTP does not have a stormwater outfall. All stormwater gets directed to a natural pond located inside the Artesia WWTP \(northeast corner\). At this time, the Artesia WWTP is invoking an exception for all types of monitoring.](#)

Substantially identical outfall exception (if applicable)

If you plan to use the substantially identical outfall exception for your benchmark monitoring and/or quarterly visual assessment requirements, include the following information here to substantiate your claim that these outfalls are substantially identical:

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

SECTION 5: INSPECTIONS

Instructions:

- Describe your procedures for performing the three types of inspections required by the 2008 MSGP, including:
 - Routine facility inspections (2008 MSGP, Part 4.1);
 - Quarterly visual assessment of stormwater discharges (2008 MSGP, Part 4.2); and
 - Comprehensive site inspections (2008 MSGP, Part 4.3).
- If you are invoking the exception for inactive and unstaffed sites relating to routine facility inspections and quarterly visual assessments, you must include in your SWPPP the information to support this claim as required by 2008 MSGP, Parts 4.1.3 and 4.2.3.
- A sample routine facility inspection and quarterly visual assessment form is available on EPA's MSGP website (www.epa.gov/npdes/stormwater/msgp) in the "Additional MSGP Documentation" file. Appendix I of the 2008 MSGP includes a comprehensive site inspection form (Annual Reporting Form).

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

- The names of the person(s), or the positions of the person(s), responsible for inspection: [Michael E. Stroud \(WWTP Supervisor\)](#), [Kenny Lipe \(WWTP Supervisor Assistant\)](#), and [Frank Trujillo \(WWTP Supervisor Assistant\)](#)
- The schedules to be used for conducting inspections. Include here any tentative schedule that will be used for facilities in climates with irregular stormwater runoff discharges (2008 MSGP, Part 4.2.3): [Everyday](#) and
- Specific areas of the facility to be inspected, including schedules for specific outfalls: [Entire Artesia WWTP \(all treatment processes\)](#)

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

- The names of the person(s), or the positions of the person(s), responsible for inspection: [Michael E. Stroud \(WWTP Supervisor\)](#), [Kenny Lipe \(WWTP Supervisor Assistant\)](#), and [Frank Trujillo \(WWTP Supervisor Assistant\)](#)
- The schedules to be used for conducting inspections. Include here any tentative schedule that will be used for facilities in climates with irregular stormwater runoff discharges (2008 MSGP, Part 4.2.3): [Everyday](#) and
- Specific areas of the facility to be inspected, including schedules for specific outfalls: [Entire Artesia WWTP \(all treatment processes\)](#)

Inactive and Unstaffed sites exception (if applicable)

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

[N/A](#)

SECTION 6: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS

6.1 *Documentation Regarding Endangered Species.*

Instructions (see 2008 MSGP Part 5.1.6.1):

Include any documentation you have that supports your determination of eligibility consistent with 2008 MSGP, Part 1.1.4.5 (Endangered and Threatened Species and Critical Habitat Protection). Refer to Appendix E of the 2008 MSGP for specific instructions for establishing eligibility.

As mentioned before, stormwater does not get inside or outside the WWTP area. The only stormwater in the WWTP comes from precipitation. Also, as mentioned before, the Artesia WWTP does not have a stormwater outfall. All stormwater gets directed to a natural pond located inside the Artesia WWTP (northeast corner). Due to the fact that no stormwater gets out of the WWTP and that there is no stormwater outfall, no Endangered and Threatened Species and Critical Habitat Protection documentation is necessary.

6.2 *Documentation Regarding Historic Properties*

Instructions (see 2008 MSGP Part 5.1.6.2):

Include any documentation you have that supports your determination of eligibility consistent with 2008 MSGP, Part 1.1.4.6 (Historic Properties Preservation). Refer to Appendix F of the 2008 MSGP for specific instructions for establishing eligibility.

There are no Historic properties inside the Artesia WWTP. The only structures inside the WWTP are maintenance buildings, office/lab building, and the wastewater treatment processes.

6.3 *Documentation Regarding NEPA Review (if applicable)*

Instructions (see 2008 MSGP Part 5.1.6.3):

Include any documentation you have that supports your determination of eligibility consistent with MSGP 2008 Part 1.1.2.5 (Discharges Subject to Any New Source Performance Standards).

N/A

SECTION 7: SWPPP CERTIFICATION

Instructions (see 2008 MSGP Part 5.1.7):

The following certification statement must be signed and dated by a person who meets the requirements of Appendix B, Subsection 11.A or 11.B, of the 2008 MSGP. Note: This certification must be re-signed in the event of a SWPPP modification in response to a Part 3.1 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: Robert E. Forrest

Title: Infrastructure Director

Signature: Robert E. Forrest

Date: 10/12/10

SECTION 8: SWPPP MODIFICATIONS

Instructions (see 2008 MSGP Part 5.2):

- Your SWPPP is a "living" document and is required to be modified and updated, as necessary, in response to corrective actions. See Part 3.4 of the 2008 MSGP.
 - o If you need to modify the SWPPP in response to a corrective action required by Part 3.1 of the 2008 MSGP, then the certification statement in section 7 of this SWPPP template must be re-signed in accordance with 2008 MSGP Appendix B, Subsection 11.A or 11.B.
 - o 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 2008 MSGP Appendix B, Subsection 11.C.

INSERT LOG HERE or REFERENCE ATTACHMENT

SWPPP ATTACHMENTS

Attach the following documentation to the SWPPP:

Attachment A – General Location Map

Include a copy of your general location map in Attachment A.

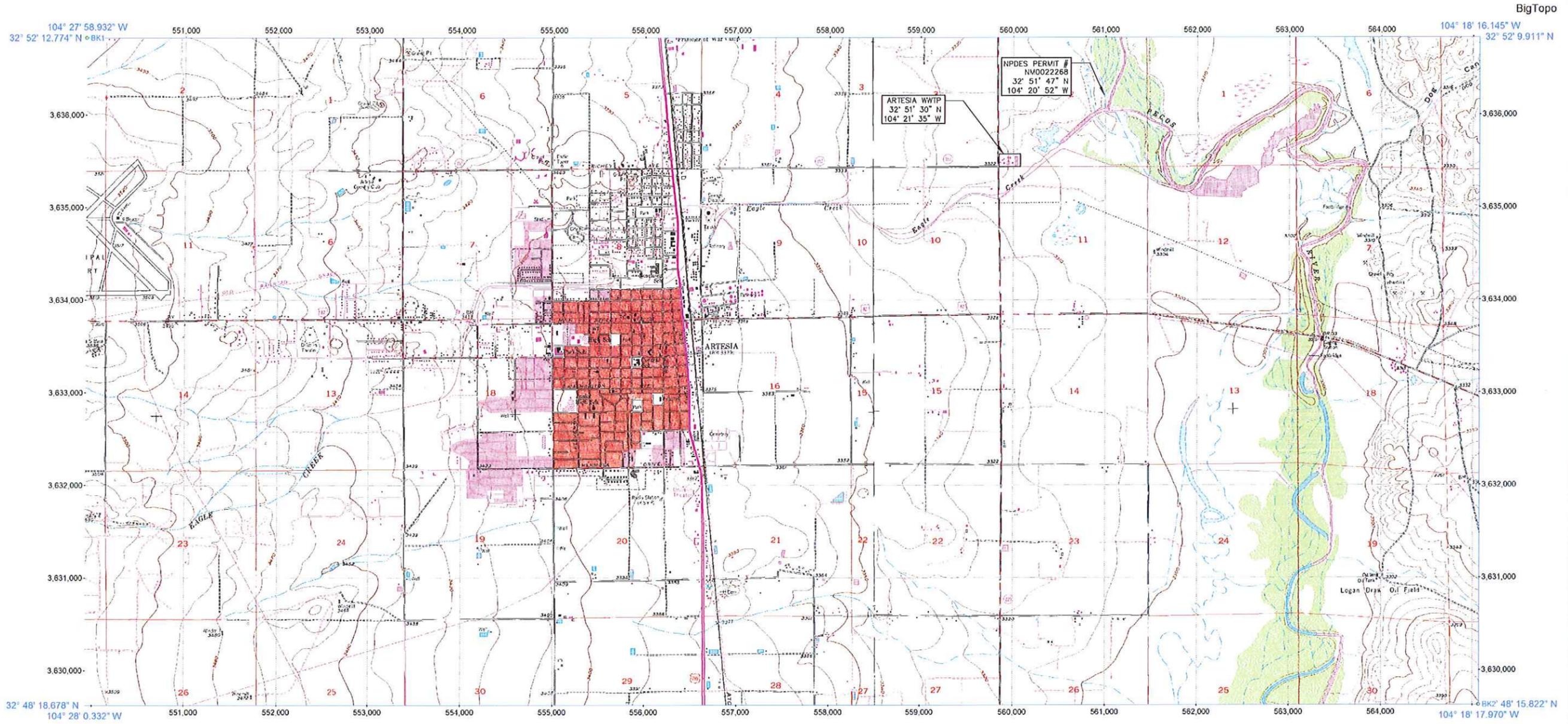
Attachment B – Site Map

Include a copy of your site map(s) in Attachment B.

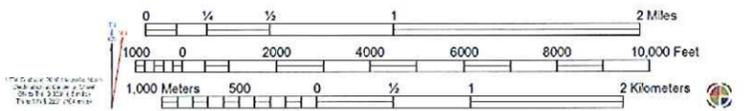
Attachment C – 2008 MSGP

Note: It is helpful to keep a printed-out copy of the 2008 MSGP so that it is accessible to you for easy reference. However, you do not need to formally incorporate the entire 2008 MSGP into your SWPPP. As an alternative, you can include a reference to the permit and where it is kept at the site.

Attachment A - General Location Map



1927 North American Datum, UTM grid zone 13
 Generated by BigTopo7 (www.igage.com)
 Map compiled from USGS Quads: Artesia, NM Spring Lake, NM

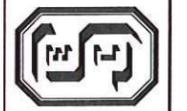


BigTopo Map

| NO. | REVISION DESCRIPTION | DATE | BY |
|-----|----------------------|------|----|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |

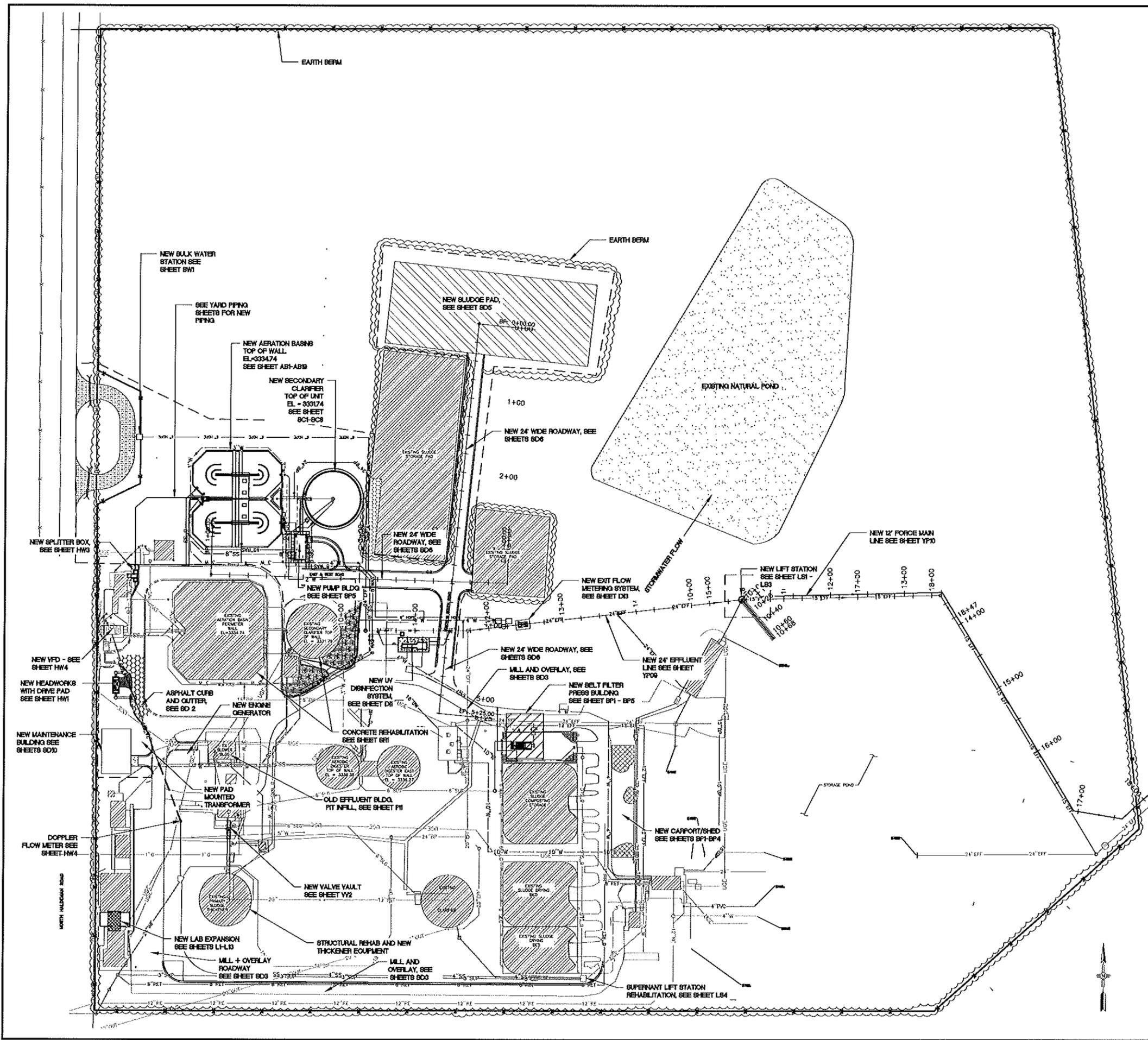
ARTESIA WWTP - MSGP/SWPPP
GENERAL LOCATION MAP

Smith Engineering Company
 A Full Service Engineering Company
 Roswell, NM • Albuquerque, NM • Las Cruces, NM
 Durango, CO • Midland, TX



SSC JOB NO:
108118
 DATE:
OCTOBER 2010
 SHEET NO:
ATTACHMENT A

Attachment B - Site Map



- 1.6 SITE MAP - INSTRUCTIONS
- TOTAL SIZE OF PROPERTY: 40.1 ACRES
 - SEE FIGURE, THIS SHEET.
 - SEE FIGURE, THIS SHEET.
 - SEE FIGURE, THIS SHEET.
 - LOCATIONS OF ALL RECEIVING WATERS IN THE IMMEDIATE VICINITY OF FACILITY, INDICATING IF ANY OF THE WATERS ARE IMPAIRED AND, IF SO, WHETHER THE WATERS HAVE TMDLs ESTABLISHED FOR THEM; ARTESIA WWTP DOES NOT DISCHARGE STORMWATER TO AN IMPAIRED WATER OF THE U.S. SEE SECTION 2 OF PERMIT.
 - LOCATIONS OF ALL STORMWATER CONVEYANCES INCLUDING DITCHES, PIPES, AND SWALES; ALL STORMWATER DRAINS TO A NATURAL POND VIA THE ROADS INSIDE OF THE WWTP.
 - SEE FIGURE, THIS SHEET.
 - NO SPILLS/LEAKS HAVE OCCURRED AT THE WWTP.
 - THERE ARE NO STORMWATER MONITORING POINTS WITHIN THE WWTP.
 - THERE ARE NO STORMWATER INLETS AND OUTLETS WITHIN THE WWTP.
 - NOT APPLICABLE
 - NPDES (NON-STORMWATER DISCHARGE) PERMIT # NM0022268. SEE ATTACHMENT A FOR LOCATION.
 - SEE FIGURE, THIS SHEET.
 - NO ADJACENT PROPERTY DISCHARGES ANY SIGNIFICANT QUANTITIES OF POLLUTANTS.

| NO. | REVISION DESCRIPTION | DATE |
|-----|----------------------|------|
| 5 | | |
| 4 | | |
| 3 | | |
| 2 | | |
| 1 | | |

ARTESIA WWTP - MSGP/SWPPP
SITE MAP

Smith Engineering Company
A Full Service Engineering Company
Roswell, NM • Albuquerque, NM • Las Cruces, NM
Durango, CO • Midland, TX



SEC. 363 INT.
108118
DATE:
OCTOBER 2010
SHEET NO.
ATTACHMENT B

Attachment C - 2008 MSGP