

Stormwater Pollution Prevention Plan for:

City of Ruidoso Downs and Village of Ruidoso
Waste Water Treatment Plant
26675 U.S. Highway 70
Ruidoso Downs, NM 88346
Phone: 575-378-8417

SWPPP Contact:

Village of Ruidoso
Isaac Garcia
313 Cree Meadows Loop
Ruidoso, NM 88345
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SWPPP Preparation Date:

11/12/2018

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SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION.

1.1 Facility Information.

Facility Information

Name of Facility: City of Ruidoso Downs and Village of Ruidoso WWTP (RWWTP)

Street: 26675 U.S. Highway 70

City: Ruidoso State: NM ZIP Code: 88436

County or Similar Subdivision: Lincoln County

NPDES ID (i.e., permit tracking number): NMR05HR41 (if covered under a previous permit)

Primary Industrial Activity SIC code, and Sector and Subsector (2015 MSGP, Appendix D and Part 8):
4952, Sector T, T1

Co-located Industrial Activity(s) SIC code(s), Sector(s) and Subsector(s) (2015 MSGP, Appendix D):
None

Latitude/Longitude

Latitude:
33.359768° N (decimal degrees)

Longitude:
105.551973° W (decimal degrees)

Method for determining latitude/longitude (check one):

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

☒ Other (please specify): Google Earth Pro

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: 13.2 (acres)

Discharge Information

Does this facility discharge stormwater into a municipal separate storm sewer system

(MS4)? ☐ Yes ☒ No

If yes, name of MS4 operator: _____

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

Rio Ruidoso and then into the Rio Hondo

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): Rio Ruidoso (Rio Bonito to US Highway 70) NM-2208 20 (formerly NM-PR8-40000)

Identify the pollutant(s) causing the impairment(s): Total Phosphorus (TP), Total Nitrogen (TN), E. coli. and Turbidity

Which of the identified pollutants may be present in industrial stormwater discharges from this facility? None

Has a Total Maximum Daily Load (TMDL) been completed for any of the identified pollutants? If yes, please list the TMDL pollutants: Total Phosphorus, Total Nitrogen, E. coli, and Turbidity

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.

Facility Operator(s):

Name: Village of Ruidoso

Address: 26675 U.S. Highway 70

City, State, Zip Code: Ruidoso, NM 88436

Telephone Number: (575) 378-8417

Email address: IssacGarcia@ruidoso-nm.gov

Fax number: (575) 378-9143

Facility Owner(s):

Name: Village of Ruidoso

Address: 313 Cree Meadows Drive

City, State, Zip Code: Ruidoso, NM 88435

Telephone Number: (575) 378-8417

Email address: IsaacGarcia@ruidoso-nm.gov

Fax number: (575) 378-9143

SWPPP Contact(s):

SWPPP Contact Name (Primary): Isaac Garcia, WWTP Director

Telephone number: (575) 378-8417

Email address: IsaacGarcia@ruidoso-nm.gov

Fax number: (575) 378-9143

SWPPP Contact Name (Backup): Joel Rowland

Telephone number: (575) 378-8417

Email address: JoelRowland@ruidoso-nm.gov

Fax number: (575) 378-9143

1.3 Stormwater Pollution Prevention Team.

Staff Names	Individual Responsibilities
Isaac Garcia	Waste Water Treatment Plant Director, Pollution Prevention Team Leader
Joel Rowland	Plant Operator
David Denney	Plant Employee

1.4 Site Description.

The City of Ruidoso Downs and Village of Ruidoso WWTP, which has a peak month average day design flow of 2.7 MGD (1.9 MGD for an annual average day flow) serving a total population of 10,844 that includes the Village of Ruidoso and the City of Ruidoso Downs. The facility put into service in April 2011 provides advanced level of treatment utilizing membrane bioreactors. Effluent is disinfected with ultra violet system before being discharged to the Rio Ruidoso, thence to the Rio Hondo, thence to the Pecos River of the Pecos River Basin). Part of the effluent is used as wash water for the facility and to clean the membranes. Sewage sludge is processed onsite and placed in bags/containers for sale/give away for land application.

1.5 General Location Map.

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

1.6 Site Map.

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

SECTION 2: POTENTIAL POLLUTANT SOURCES.

2.1 Potential Pollutants Associated with Industrial Activity.

Industrial Activity	Associated Pollutants
Equipment Maintenance	Lubrication Oils and Solvents
Equipment and Generator Fueling	Diesel Fuel
Grit/Screening	Pathogens
Sludge Drying Beds	Pathogens
Alum Tank	Alum
Micro C Tank	Micro C

2.2 Spills and Leaks.

Areas of Site Where Potential Spills/Leaks Could Occur

Location	Discharge Points
MBR & Office Building	5: 18" SD and 6: 18" SD
Secondary Treatment Structure	5: 18" SD
Alum Storage	5: 18" SD
MBR Backup Diesel Generator – 1667 Gal Storage	4: 42" SD
Operations and Maintenance Building	4: 42" SD
Equalization Basin & Clarifiers	3: Sheet flow and 4: 42" SD
Entrance Works	3: Sheet flow
Elec. Building, Diesel Generator (500 Gal), and old screw pumps	3: Sheet flow
Influent Lift Station, and old screw pumps	1: 18" SD; 2: 18" SD
Methane Tank	3: Sheet flow
Sludge Thickening Building – Oil Storage and Waste Materials	6: 18" SD; 7: 42" SD; 8: 18" SD
Dry Sludge Stockpile area	Returns to plant
500 Gallon diesel fuel tank	7: 42" SD
UV Structure and Diesel Generator (70 Gal)	7: Sheet Flow

Description of Past Spills/Leaks		
Date	Description	Discharge Points
12/13/2016	Hydrochloric Acid Container Punctured in MBR building, leaked out door to south pad, remediated same day.	6: 18" SD

2.3. Non-Stormwater Discharges for all sectors

2.3.1 Allowable Non-Stormwater Discharges for all Sectors of Industrial Activity:

From Attachment E EPA MSGP Section: 1.1.3.1 Allowable Non-Stormwater Discharges for all Sectors of Industrial Activity:

- Discharges from emergency/unplanned fire-fighting activities;
- Fire hydrant flushing's;
- Potable water, including water line flushing's;
- Uncontaminated condensate from air conditioners, coolers/chillers, and other compressors and from the outside storage of refrigerated gases or liquids;
- Irrigation drainage
- Landscape watering provided all pesticides, herbicides, and fertilizers have been applied in accordance with the approved labeling.
- Pavement wash waters where no detergents or hazardous cleaning products are used (e.g., bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonylphenols), and the wash waters do not come into contact with oil and grease deposits, sources of pollutants associated with industrial activities (see Part 5.2.3), or any other toxic or hazardous materials, unless residues are first cleaned up using dry clean-up methods (e.g., applying absorbent materials and sweeping, using hydrophobic mops/rags) and you have implemented appropriate control measures to minimize discharges of mobilized solids and other pollutants (e.g., filtration, detention; settlement);
- Routine external building wash-down / power wash water that does not use detergents or hazardous cleaning products (e.g., those containing bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, and nonylphenols).
- Uncontaminated ground water or spring water;
- Foundation or footing drains where flows are not contaminated with process materials.
- Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of your facility, but not intentional discharges from the cooling tower (e.g., "piped" cooling tower blowdown; drains).

2.4 Unauthorized Non-stormwater Discharges Documentation.

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

- Date of evaluation: 10/09/18
- Description of the evaluation criteria used: Visual Inspection conducted by, Plant Manager, Isaac Garcia and Molzen Corbin employees Derek Belka and Reynold Durden. The entire site was walked on foot, and operations were discussed in detail including potential spill and non-stormwater discharges.
- List of the drainage points that were directly observed during the evaluation:
 - All inlets and outfalls of site observed during the site walk through.
- Different types of non-stormwater discharges(s) and source locations:
 - None Noted
- 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:
 - No action was required.

2.5 Salt Storage.

There are no storage piles containing salt on the facility.

2.6 Sampling Data Summary.

Previous stormwater sampling data was not required, therefore therefor no data is available.

SECTION 3: STORMWATER CONTROL MEASURES.

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

3.1.1 *Minimize Exposure:*

Most of the facility structures are covered from stormwater exposure. The runoff from buildings is directed to various inlets around the site, and outfalls are protected with rip rap. All outfalls are at the south side of the plant site. The runoff from the grit and screening area was recently curbed to reduce flow in and out of the area. Dumpsters that receive screenings are cleaned and exchanged for new ones when or if, leaks are detected. The MBR emergency generator has internal diesel fuel storage of 1667 gallons that is double walled and covered from stormwater exposure. The electrical building backup generator has 500 gallon diesel fuel that is double walled and is covered. The UV backup generator has a 70 gallon tank that is double walled and covered. The 500 Gallon Equipment fuel tank is double walled and located within secondary containment. Used oil prepared for recycling is stored in 55 Gallon drums and is in a covered secondary containment tub. The dry sludge stockpile area drains back to the plant.

3.1.2 *Good Housekeeping.*

- Equipment will be maintained in clean condition without excessive amounts of oil and grease buildup.
- Drip pans or absorbent will be used when performing maintenance actions on equipment or vehicles.
- Maintenance operations, including oil changes and lubrication, will be conducted indoors.
- Oil filters will be drained before recycling or disposal.
- Work areas used for maintenance will not be hosed down or cleaned with concrete cleaning products; mops or dry sweeping compound will be used and appropriately disposed.
- Mechanical parts and equipment that may contribute oil, grease or other hazardous wastes to stormwater runoff will be kept under cover and protected from storm events.
- Fluids will be drained and batteries will be removed from salvage equipment, vehicles, other equipment, and stored under cover with appropriate safeguards to prevent release of hazardous substances into stormwater runoff.
- RWWTP stores commercially prepared herbicide, Roundup, for seasonal weed control.
- RWWTP currently stores new lubricants, solvents, and waste fluids inside the old screw pump building.
- The following wastes will be recycled or appropriately disposed of: greases, oils, antifreeze, brake fluid, cleaning solutions, hydraulic fluid, batteries, transmission fluid and filters. A certified recycler currently serving the RWWTP will regularly collect waste materials.
- RWWTP will recycle waste-products and/or utilize materials with less hazardous properties where feasible.

- Employee awareness training specific to operations performed by each employee will be conducted on an initial and ongoing basis by the Pollution Prevention Team Leader.
- A supply of EPA-approved absorbent will be maintained in one or more central locations for use in the event of petroleum product spills.
- Noted leaks during routine inspections will be corrected expeditiously.

3.1.3 Maintenance.

- Industrial equipment and systems will be inspected (and tested if necessary) on a regular basis. The equipment will be expeditiously repaired, if damaged, and maintained in a condition to avoid situations that could result in leaks, spills, and other releases of pollutants to stormwater runoff.
- Adequate amounts of spill response material will be readily available for emergency use.
- Good housekeeping practices will include weekly collection and disposal of solid waste, regular pickup of other waste such as waste oil (when generated), along with the inspection of containers such as drums and tanks.

3.1.4 Spill Prevention and Response.

A separate Spill Prevention Control and Countermeasure (SPCC) plan is required for this site based on the oil storage volume onsite. This document will be included in this document by reference.

Potential for leaks, spills, and other releases that may impact stormwater will be minimized, and plans will be developed for the effective response to such releases, if and when they occur.

RWWTP currently stores new lubricants, and solvents in the south screw pump building. Waste fluids are stored inside a standalone covered container outside of the O&M Building.

Best management practices for new chemical and oil storage should include:

- Containers that could be susceptible to spillage or leak will be plainly and properly labeled to encourage careful handling and facilitate rapid response in case of spills or leaks.
- Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling will be adopted.
- Procedures for the expeditious stopping, containing, and cleaning up of leaks, spills, and other releases will be implemented. Employees who may cause, detect, or respond to a spill or leak will be trained in these procedures and will have the necessary spill response equipment available.

3.1.5 Erosion and Sediment Controls.

Exposed areas of the site are kept to a minimum. Ground cover on the facility is open ground with vegetation, paved surfaces, rock riprap or grass. The Site slopes from north to south on a valley side, directing run on and site flows towards the Rio Ruidoso. High velocity and erosive runoff potential is controlled with riprap and directed to inlets of CMP pipes. Building runoff is directed through downspouts to ground inlets designed for the 100 year, 24 hour storm. The outlets of the CMP pipes are directed to riprap swales. An arroyo passes through the site, and runoff is directed through a 42" Pipe.

3.1.6 Management of Runoff.

The Site slopes from north to south on a valley side, directing run on and site flows towards the Rio Ruidoso. High velocity and erosive runoff could occur, but riprap and inlets control the runoff erosion. Building runoff is directed through downspouts to ground inlets designed for the 100 year, 24 hour storm. An arroyo passes through the site, and runoff is directed through a 42" Pipe. There are 8 total outfalls from the site including the arroyo outfall.

There are 8 outfalls, and they are shown in attachment B, for stormwater runoff out of the RWWTP site. The locations are all substantially identical to Location 4, and the 42" CMP outfall discharges private property on the south side of the site property. This private property is bisected by the Rio Ruidoso.

3.1.7 Salt Storage Piles or Piles Containing Salt.

There are no salt storage piles or piles containing salt on the facility.

3.1.8 Dust Generation and Vehicle Tracking of Industrial Materials.

Dust is only generated during infrequent windstorms and there is no off-site tracking of raw, final, or waste materials. Hence, no controls or procedures are deemed necessary at this time. Site access road is paved, so no tracking or dust concerns exist.

3.2 Sector-Specific Non-Numeric Effluent Limits.

No vehicle washing or maintenance is allowed on the site unless it is done in an area that runs directly back into the site (8.T.3.1 and 8.T.5.3). The sludge drying pads are used rarely, and have no outfall, runoff is retained within pad (8.T.4.1). Grit screenings area is curbed and runoff does not have an outlet. (8.T.5.2). The access road is paved and maintained by the Village, so no tracking or dust concerns exist (8.T.5.2).

8.T.2.1 Industrial Activities Covered by Sector T

Treatment works treating domestic sewage, or any other sewage sludge or wastewater treatment device or system used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge; that are located within the confines of a facility with a design flow of 1.0 million gallons per day (MGD) or more; or are required to have an approved pretreatment program under 40 CFR Part 403.

8.T.2.2 Industrial Activities Covered by Sector T

The following are not required to have permit coverage: farm lands, domestic gardens or lands used for sludge management where sludge is beneficially reused and which are not physically located within the facility, or areas that are in compliance with Section 405 of the CWA.

8.T.3 Limitations on Coverage

8.T.3.1 Prohibition of Non-Stormwater Discharges

(See also Part 1.1.4) Sanitary and industrial wastewater and equipment and vehicle wash water are not authorized by this permit. (EPA includes these prohibited non-stormwater discharges here solely as a helpful reminder to the operator that the only non-stormwater discharges authorized by this permit are at Part 1.1.3.) This list is also provided in section 2.3.1 of this document.

8.T.4 Additional Technology-Based Effluent Limits

8.T.4.1 Control Measures

See also Part 2.1.2) To minimize the discharge of pollutants in stormwater, implement control measures such as the following, where determined to be feasible (list not exclusive): routing stormwater to the treatment works; or covering exposed materials (i.e., from the following areas: grit, screenings and other solids handling, storage or disposal areas; sludge drying beds; dried sludge piles; compost piles; and septage or hauled waste receiving station).

8.T.5 Additional SWPPP Requirements

8.T.5.2 Potential Pollutant Sources.

(See also Part 5.2.3) Document in your SWPPP the following additional sources and activities that have potential pollutants associated with them, as applicable: grit, screenings, and other solids handling, storage, or disposal areas; sludge drying beds; dried sludge piles; compost piles; septage or hauled waste receiving station; and access roads and rail lines.

8.T.5.3 Wastewater and Wash Water Requirements.

If wastewater and/or vehicle and equipment wash water is not covered by another NPDES permit but is handled in another manner (e.g., hauled offsite, retained onsite), the disposal method must be described and all pertinent information (e.g., frequency, volume, and destination) must be included in your SWPPP. Discharges of vehicle and equipment wash water, including tank cleaning operations, are not authorized by this permit for this sector.

3.3 Numeric Effluent Limitations Based on Effluent Limitations Guidelines.

None Applicable.

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

None Applicable.

SECTION 4: SCHEDULES AND PROCEDURES.

4.1 Good Housekeeping.

- Equipment will be maintained in clean condition without excessive amounts of oil and grease buildup.
- Drip pans or absorbent will be used when performing maintenance actions on aircraft or vehicles, whether within a hangar or on the ramp, when oil or grease releases into the environment is a possibility. Tenants are required to furnish their own equipment.
- Maintenance operations, including oil changes and lubrication, will be conducted indoors.
- Oil filters will be drained before recycling or disposal.
- Catch basins in a maintenance area, will be cleaned on a regular basis. Work areas used for maintenance will not be hosed down or cleaned with concrete cleaning products; mops or dry sweeping compound will be used and appropriately disposed.
- Mechanical parts and equipment that may contribute oil, grease or other hazardous wastes to stormwater runoff will be kept under cover and protected from storm events.

4.2 Maintenance.

- Industrial equipment and systems will be inspected (and tested if necessary) on a regular basis. The equipment will be expeditiously repaired, if damaged, and maintained in a condition to avoid situations that could result in leaks, spills, and other releases of pollutants to stormwater runoff.
- Adequate amounts of spill response material will be readily available for emergency use.
- Good housekeeping practices will include weekly collection and disposal of solid waste, regular pickup of other waste such as waste oil (when generated), along with the inspection of containers such as drums and tanks.
- Excessive vegetation that grows in the stormwater ponds will be removed as needed.

4.3 Spill Prevention and Response Procedures.

Potential for leaks, spills, and other releases that may impact stormwater will be minimized, and plans will be developed for the effective response to such releases, if and when they occur.

- Containers that could be susceptible to spillage or leak will be plainly and properly labeled to encourage careful handling and facilitate rapid response in case of spills or leaks.
- Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling will be adopted.

4.4 Erosion and Sediment Control.

Riprap swales are used to control erosive stormwater at locations where runoff is concentrated at outlets and at steep slopes.

4.5 Employee Training.

Members of the Pollution Prevention Team as well as inspectors and maintenance personnel on the RWWTP property will be provided training to monitor, inspect, plan, report, and document in accordance with the SWPPP requirements. Training will be conducted on an initial and refresher course bases. New employees will be provided with initial training as needed; and refresher courses will be provided annually. (See also EPA MSGP Part 2.1.2.8) At a minimum, training must address the following areas when applicable to a facility:

- Petroleum Product Management;
- Process Chemical Management;
 - Use of storage containers and stored in non-exposed areas.
- Spill Prevention And Controls;
 - Use of absorption pads, and vermiculite.
- Fueling Procedures;
 - New employees are instructed on correct methods.
- General Good Housekeeping Practices
 - See section 3.1.2 for proper procedures.
- Proper Procedures For Using Fertilizer, Herbicides, And Pesticides
 - Plant uses premixed weed killer product –RoundUp.
- Stormwater Controls
 - Inspection for proper operation

4.6 Inspections and Assessments.

4.6.1 Routine Facility Inspections.

Routine facility inspections are conducted as part of the daily inspection done by the on duty Plant Operator. Once every quarter Attachment C, the Routine Inspection Form, from the MSGP Additional Documents will be completed. This routine inspection will be focused on the areas exposed to stormwater and stormwater controls. The inspections will include any aboveground fuel storage tanks, the fueling areas, the maintenance shop or other locations where repairs are conducted, and the floor drains throughout the plant. A spill on December 13th 2016 of hydrochloric acid occurred in the MBR building and flowed outside into inlet 9. This spill was immediately and properly remediated on December 13th 2016 by Advanced Environmental Solutions. This area should not require extra monitoring do to imperviousness of the surfaces.

4.6.2 Quarterly Visual Assessment of Stormwater Discharges.

Quarterly assessments will be performed by The Pollution Prevention Team Leader, or designated personnel. Assessment will include any point source locations, the maintenance shop, fueling areas, any aboveground fuel or petroleum storage tanks or areas, locations where repairs are conducted, and the main outfalls shown on Attachment B. The assessment should also include access roads and rail lines; grit, screenings, and other solids handling, storage, or disposal areas; sludge drying beds; dried sludge piles, and holding ponds. Though no spills have been reported, any future spill location(s) should be inspected for proper remediation.

- Quarterly Inspections, using the assessment form in Attachment E:
 - January 1 – March 31;
 - April 1 – June 30;
 - July 1 – September 30; and
 - October 1 – December 31.
- At least one inspection should be done, within the first 30 minutes of a storm event, for each quarter, or during the last week of each quarter if a relevant storm event has not occurred.
- Attachment E in the Additional MSGP documents has an assessment form that is to be used for these quarterly visual assessments of the stormwater. A sample from Location 4 should be collected in a sealed clear container for each quarter if possible. This sample should be retained for at least a year.

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

☐ 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.

This section is not applicable to the RWWTP.

4.7 Monitoring.

No monitoring is currently required.

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

5.1 Documentation Regarding Endangered Species.

The US Fish and Wildlife Service IPAC system was consulted for endangered species, threatened species, critical habitat, and migratory bird habitat. The attached list for the site can be found in Attachment C, the six species that may be present in the area are: New Mexico Meadow Jumping Mouse, Penasco Least Chipmunk, Mexican Spotted Owl, Northern Aplomado Falcon, Southwestern Willow Flycatcher, and the Kuenzler Hedgehog Cactus. The site did not have any critical habitat listed within its boundaries.

5.2 Documentation Regarding Historic Properties.

No protected resources are known to occur in the area of this site. A FONSI was received in October of 2008 as part of the approval process for this facility addresses historic properties on page 6 of the Environmental Assessment. There are no new plans for excavations for new stormwater controls or other major excavations that could cause new disturbances. A copy of the FONSI is included in Attachment D.

None applicable, please list if added at a later date.

[illegible]

SECTION 7: SWPPP CERTIFICATION.

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: Lynn Crawford Title: Village of Ruidoso Mayor

Signature:  Date: 12/28/18

[illegible]

SWPPP ATTACHMENTS

Attachment A – General Location Map

Attachment B – Site Map

Attachment C – IPAC Species List

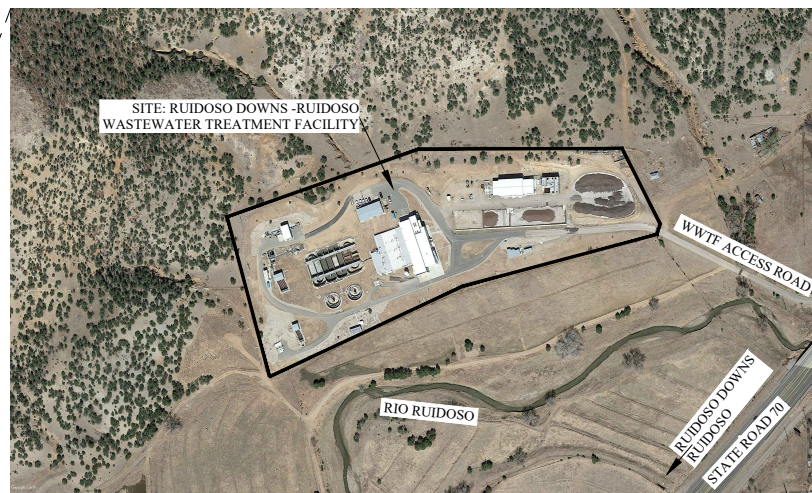
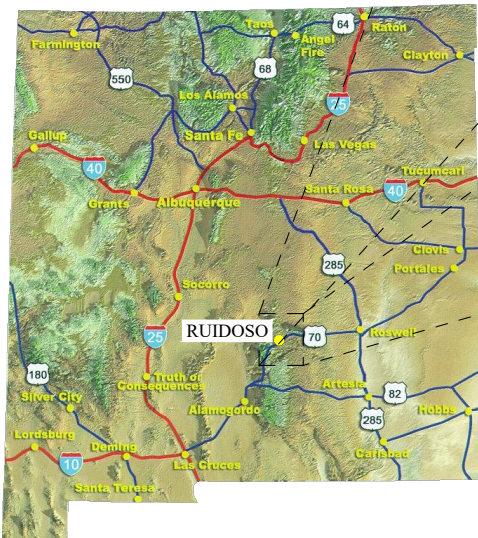
Attachment D – EPA FONSI

Attachment E – Additional MSGP Documents and Recordkeeping

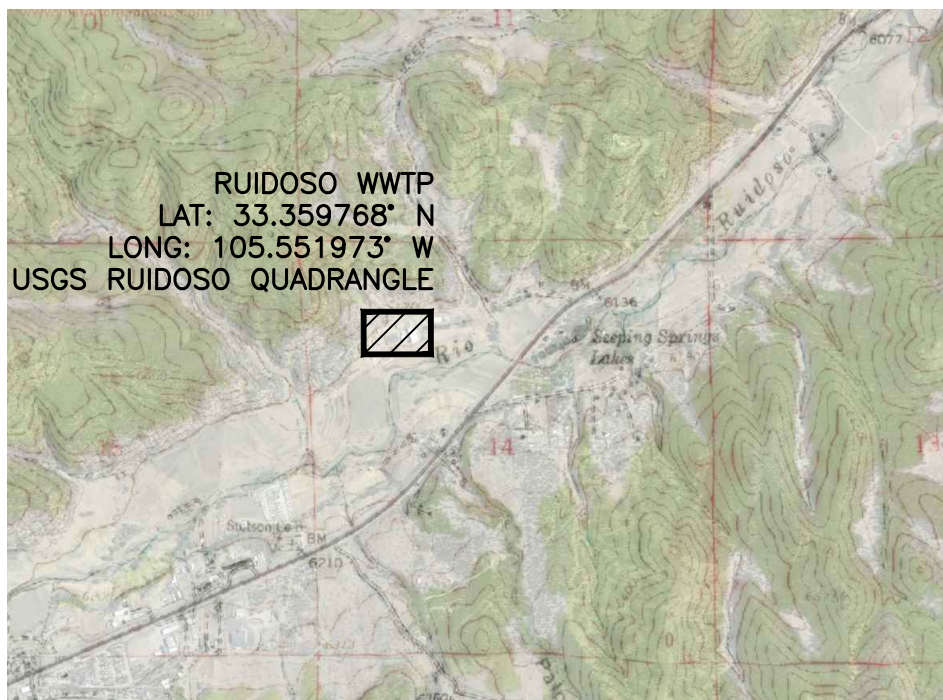
Attachment F – EPA Accepted NOI

Attachment G – 2015 MSGP

Attachment A – General Location Map



CITY OF RUIDOSO DOWNS AND VILLAGE OF RUIDOSO WASTEWATER TREATMENT PLANT



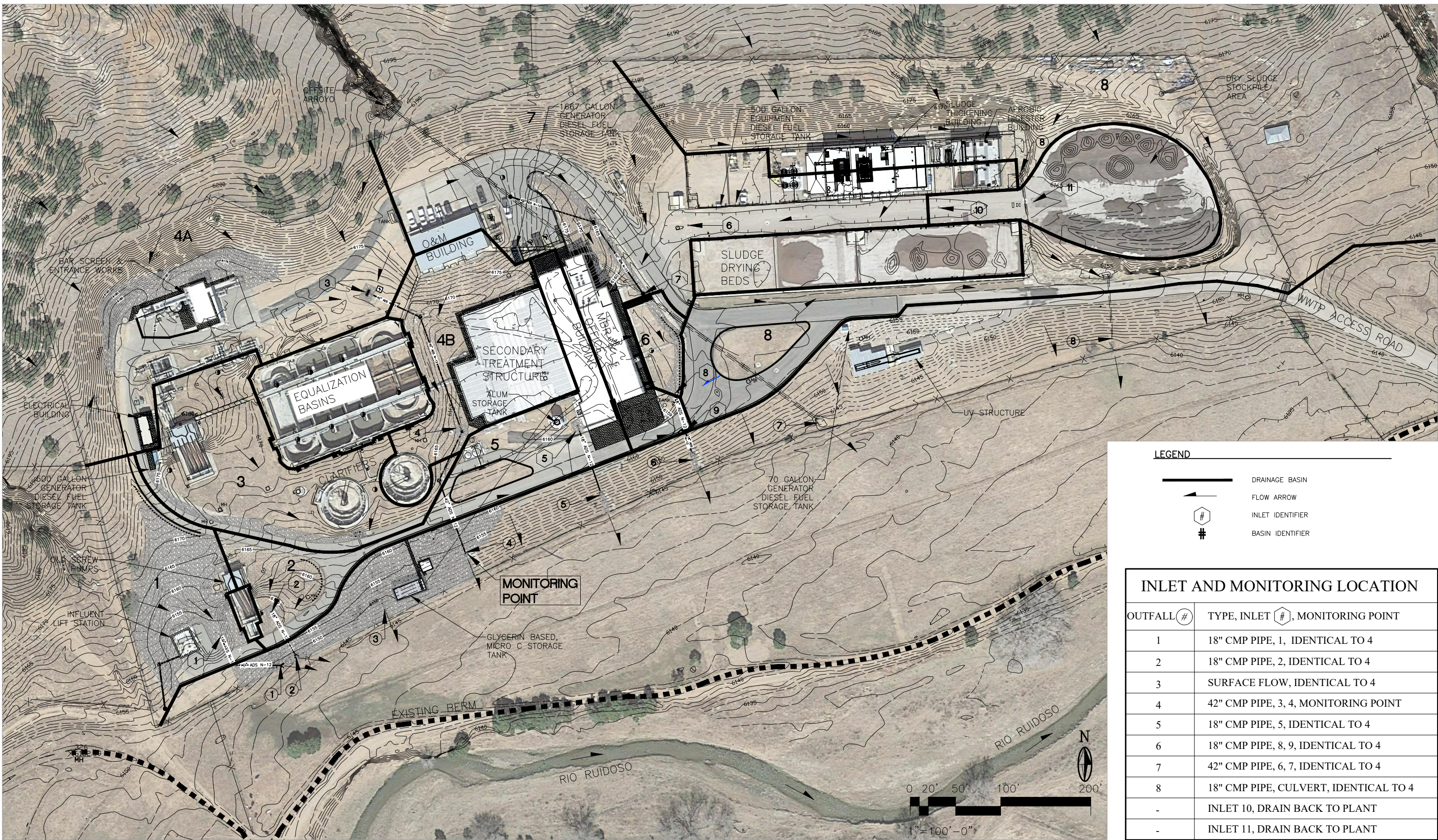
SCALE:
N.T.S

RUIDOSO DOWNS-RUIDOSO WWTP - SWPPP - RUIDOSO, NEW MEXICO

MOLZENCORBIN

**Attachment A
Location Map**

Attachment B – Site Map



Attachment C – IPAC Species List



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 Osuna Road Ne

Albuquerque, NM 87113-1001

Phone: (505) 346-2525 Fax: (505) 346-2542

<http://www.fws.gov/southwest/es/NewMexico/>

http://www.fws.gov/southwest/es/ES_Lists_Main2.html

In Reply Refer To:

November 13, 2018

Consultation Code: 02ENNM00-2019-SLI-0197

Event Code: 02ENNM00-2019-E-00407

Project Name: Ruidoso-Ruidoso Downs Regional WWTF SWPPP (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(s):

- Official Species List
- Migratory Birds

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

(505) 346-2525

Project Summary

Consultation Code: 02ENNM00-2019-SLI-0197

Event Code: 02ENNM00-2019-E-00407

Project Name: Ruidoso-Ruidoso Downs Regional WWTF SWPPP (MSGP)

Project Type: WATER QUALITY MODIFICATION

Project Description: Storm Water Pollution Prevention Plan

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/33.359670139192474N105.55206613909127W>



Counties: Lincoln, NM

Endangered Species Act Species

There is a total of 6 threatened, endangered, or candidate species on this 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. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
<p>New Mexico Meadow Jumping Mouse <i>Zapus hudsonius luteus</i></p> <p>There is final critical habitat for this species. Your location is outside the critical habitat. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> ▪ If project affects dense herbaceous riparian vegetation along waterways (stream, seep, canal/ditch). <p>Species profile: https://ecos.fws.gov/ecp/species/7965</p>	Endangered
<p>Penasco Least Chipmunk <i>Tamias minimus atristriatus</i></p> <p>No critical habitat has been designated for this species.</p> <p>Species profile: https://ecos.fws.gov/ecp/species/5126</p>	Candidate

Birds

NAME	STATUS
Mexican Spotted Owl <i>Strix occidentalis lucida</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8196	Threatened
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1923	Experimental Population, Non- Essential
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered

Flowering Plants

NAME	STATUS
Kuenzler Hedgehog Cactus <i>Echinocereus fendleri var. kuenzleri</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2859	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

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1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

THERE ARE NO FWS MIGRATORY BIRDS OF CONCERN WITHIN THE VICINITY OF YOUR PROJECT AREA.

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) and/or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [E-bird Explore Data Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ “What does IPaC use to generate the migratory birds potentially occurring in my specified location”. Please be aware this report provides the “probability of presence” of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the “no data” indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ “Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds” at the bottom of your migratory bird trust resources page.

Attachment D – EPA FONSI

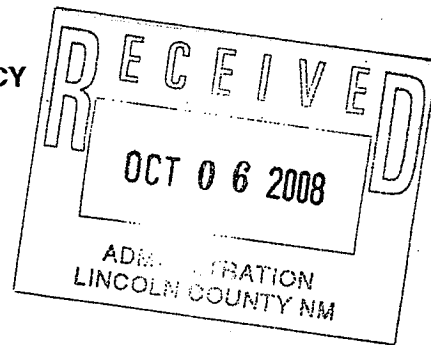


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

OCT 01 2008



FINDING OF NO SIGNIFICANT IMPACT

TO ALL INTERESTED GOVERNMENT AGENCIES AND PUBLIC GROUPS:

In accordance with the environmental review guidelines of the Council on Environmental Quality found at 40 Code of Federal Regulations (CFR) Part 1500 and with the use as guidance of the implementing environmental review procedures of the United States Environmental Protection Agency (EPA) found at 40 CFR Part 6 entitled "Procedures for Implementing the Requirements of the Council on Environmental Quality on the National Environmental Policy Act", the EPA has performed an environmental assessment of the following proposed action.

Proposed Action: Ruidoso and Ruidoso Downs Joint Use Board Wastewater Treatment Facility Located in Ruidoso Downs, Lincoln County, NM

Applicant: Ruidoso and Ruidoso Downs Joint Use Board

EPA Project Numbers: XP-97630701-4, XP-96631701-0, XP-9665710-1

Total Estimated Project Cost: \$34,000,000

Estimated Total EPA Funding:	\$2,321,000
Estimated Local Share:	\$31,679,000

Project Description: The Fiscal Year Appropriations Act for the EPA, FY 2002, FY 2003 and FY 2005 included special Congressional funding for water and wastewater construction projects. The funding recipient was selected to receive funding through these special appropriations for construction of a wastewater treatment facility to meet the NPDES permit requirements for discharge flow to 0.1 mg/L total phosphorus (TP) and 1.0 mg/L total nitrogen (TN).

The current effluent flow from the existing wastewater treatment facility at Ruidoso and Ruidoso Downs, NM exceeds that required by the National Pollutant Discharge Elimination System (NPDES) permit. As part of the preliminary design process, the project engineers for the Joint Use Board (JUB) determined that the total maximum daily limit of 1.0 mg/L for TN, as required in the May 26, 2006 draft of the NPDES permit for the wastewater treatment plant, would be nearly impossible to achieve with the contemplated technology. The JUB subsequently appealed the state certification of the draft NPDES permit to the New Mexico Water Quality Commission. In May 2007, a Settlement Agreement was reached between the JUB and the New Mexico Environment Department (NMED) allowing effluent from the wastewater treatment plant to the environmentally sensitive Rio Ruidoso to have a TN limit of less than 9.0 mg/L daily maximum if influent temperature is less than 13°C, and less than 6.0 mg/L if influent temperature is 13°C or greater. The Settlement Agreement allowed these limits to be in force for an interim period from

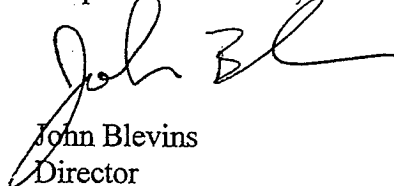
permit. After that period, the effluent must achieve a final effluent limit of 1.0 mg/L TN on a 30-day average, and a daily maximum TN of 1.5 mg/L.

The Settlement Agreement affords the JUB the opportunity to use the first 54 months of the five-year NPDES permit to investigate and report on treatment technologies that would further reduce the total nitrogen in the effluent. It is also possible that the effluent from the new treatment facility will improve the river's health to a point that the 1.0 mg/L TN limit will no longer be required. In such case, the JUB may petition for relief from compliance to the 1.0 mg/L TN limit as provided by the Settlement Agreement. The Settlement Agreement did not call for a new preliminary engineering report, but did stipulate that the final design must incorporate a best-available-technology biological nutrient removal process. The process would be required to reduce TN and TP to the lowest possible concentrations. Construction of a new wastewater treatment plant to achieve compliance with the NPDES permit must be completed within 39 months of the date of issuance, which would make the current commissioning deadline October 2010. However, based on discussions with EPA and NMED, the JUB anticipates the actual commissioning deadline to be December 2010.

Findings: On the basis of the Environmental Assessment (EA), the Environmental Information Documents prepared by Taschek Environmental Consulting for the Village of Ruidoso and City of Ruidoso Downs Joint Use Board, and other available information, the EPA has made a preliminary determination that the project is not a major Federal action and that the preparation of an Environmental Impact Statement is not warranted. The project individually, cumulatively, or in conjunction with any other action will not have a significant adverse effect on the quality of the environment. The JUB is the Designated Management Agency for the proposed project service area.

Comments regarding this preliminary decision not to prepare an EIS and issue a Finding of No Significant Impact (FNSI) may be submitted to the U.S. Environmental Protection Agency, Office of Planning and Coordination (6EN-XP), 1445 Ross Avenue, Dallas, Texas 75202-2733. All comments will be taken into consideration. This preliminary decision and the FNSI will become final after the 30-day comment period expires if no new information is provided to alter this finding. No administrative action will be taken on this decision during the 30-day comment period. Copies of the EA and requests for review of the Administrative Record containing the information supporting this decision may be requested in writing at the above address, or by telephone at (214) 665-8150.

Responsible Official,



John Blevins
Director

Compliance Assurance and
Enforcement Division

Enclosure

cc: Mayor L. Ray Nunley, Chair, Joint Use Board
Ron Curry, Secretary, NMED

ENVIRONMENTAL ASSESSMENT

Construction of Wastewater Treatment Facility Upgrades and Modifications for the Ruidoso and Ruidoso Downs Joint Use Board located in Lincoln County, New Mexico

EPA PROJECT NUMBER: XP-97630701-4, XP-96631701-0, and XP-9665710-1

BACKGROUND

The proposed project is located on the existing site of the current wastewater treatment facility in Ruidoso Downs, New Mexico. The area is shown on the map enclosed as Figure 1. The Fiscal Year 2002, 2003 and 2005 Appropriations Act for the EPA included special Congressional funding for water and wastewater treatment construction projects. The funding recipient was selected to receive funding through these special appropriations to construct wastewater treatment facility upgrades and modifications for Ruidoso and Ruidoso Downs, NM to meet the National Pollutant Discharge Elimination System (NPDES) permit requirements for discharge flow to 0.1 mg/L total phosphorus (TP) and 1.0 mg/L total nitrogen (TN).

The current effluent flow from the existing wastewater treatment facility at Ruidoso and Ruidoso Downs, NM, exceeds that required by the NPDES permit. As part of the preliminary design process, the project engineers for the Joint Use Board (JUB) determined that the total maximum daily limit of 1.0 mg/L for TN, as required in the May 26, 2006, draft NPDES permit for the wastewater treatment plant, would be nearly impossible to achieve with the contemplated technology. The JUB subsequently appealed the state certification of the draft NPDES permit to the New Mexico Water Quality Commission. In May 2007, a Settlement Agreement was reached between the JUB and the New Mexico Environment Department (NMED) allowing effluent from the wastewater treatment plant to the environmentally sensitive Rio Ruidoso to have a TN limit of less than 9.0 mg/L daily maximum, if influent temperature is less than 13°C, and less than 6.0 mg/L, if influent temperature is 13°C or greater. The Settlement Agreement allowed these limits to be in force for an interim period from completion of construction of the new plant until the last day of the five-year NPDES permit. After that period, the effluent must achieve a final effluent limit of 1.0 mg/L TN on a 30-day average, and a daily maximum TN of 1.5 mg/L.

The Settlement Agreement affords the JUB the opportunity to use the first 54 months of the five-year NPDES permit to investigate and report on treatment technologies that would further reduce the total nitrogen in the effluent. It is also possible that the effluent from the new treatment facility will improve the river's health to a point that the 1.0 mg/L TN limit will no longer be required. In such case, the JUB may petition for relief from compliance to the 1.0 mg/L TN limit as provided by the Settlement Agreement. The Settlement Agreement did not call for a new preliminary engineering report (PER), but did stipulate that the final design must incorporate a best-available-technology biological nutrient removal (BNR) process. The process would be required to reduce TN and TP to the lowest possible concentrations. Construction of a

new wastewater treatment plant to achieve compliance with the NPDES permit must be completed within 39 months of the date of issuance, which would make the current commissioning deadline October 2010. However, based on discussions with USEPA and NMED, the JUB anticipates the actual commissioning deadline to be December 2010.

The proposed project is considered to be a Federal action requiring compliance with the National Environmental Policy Act (NEPA). In accordance with the environmental review requirements of the Council on Environmental Quality found at 40 Code of Federal Regulations (CFR) Part 1500 and with the use as guidance of EPA's implementing regulations found at 40 CFR Part 6 entitled "Procedures for Implementing the Requirements of the Council on Environmental Quality on the National Environmental Policy Act", as guidance the EPA is preparing this Environmental Assessment (EA) to assist in determining the environmental impacts of the proposed action, and in evaluating whether an Environmental Impact Statement (EIS) or a Finding of No Significant Impact (FNSI) will be prepared for the proposed project.

PURPOSE AND NEED

The Rio Ruidoso is classified as a coldwater fishery that provides wildlife habitat; however, the river has been listed by the State of New Mexico as an impaired waterway due to stream bottom sediments and plant nutrients. Therefore, the EPA, NMED, and the New Mexico Water Quality Control Commission (WQCC) have recently instituted and applied very stringent water quality standards to the river. As such, the Waste Water Treatment Plant (WWTP) does not meet the current EPA requirements of a year-round phosphorous discharge limitation of 0.10 mg/L and the WQCC-approved Total Maximum Daily Loads (TMDL) for phosphorus and nitrogen of 2.72 lbs/day and 27.2 lbs/day, respectively. Further, the required Whole Effluent Toxicity (WET) tests currently are not being conducted on the WWTP's effluent. Moreover, the WWTP is overloaded and must be expanded to meet current and future needs. Based on population projections, the plant will need to support flows of 3.8 mgd, where current capacity is 0.77 mgd. Finally, the plant also experiences problems handling the volume of sludge and biosolids disposal with its current system of sludge digestion. The issues facing the JUB and driving the need for the proposed project expansion and upgrade are discussed in detail in the following subsections.

The WWTP was built in 1978 to treat a flow capacity of 0.77 mgd, but a 1993 facilities plan rated the plant capacity at 1.9 mgd. Both estimated flow capacities are based only on the removal of suspended solids, organic carbon, and fecal coliform. The plant was never designed or rated for BNR. The original plant consisted of a flow equalization basin, two surface aerated oxidation ditches, two secondary clarifiers, a chlorination facility, a gravity thickener, an aerobic digester, and sludge drying beds. Influent flow was handled using two open channel screw pump stations.

A plant assessment was conducted as part of the PER to determine the condition of the existing treatment units and components and recommends improvements or repairs. The lower influent lift station and building, the influent and return activated sludge lift station and building, the aeration basins, the aeration basin brush rotor aerators, the secondary clarifiers, the sludge thickener, and the chlorine contact basins were assessed to be in poor condition. The rest of the units and components were deemed in good condition, with the exception of the operation and maintenance building, which was rated in fair condition.

PROJECT DESCRIPTION

The Ruidoso / Ruidoso Downs JUB decided that Phase 1 construction will be broken into two sub-phases as described in the Supplemental Study of Advanced Treatment Options. Phase 1A work will consist of designing, bidding and constructing the following elements prior to the remainder of the project:

- Construct new ultraviolet disinfection facilities.
- Construct new sludge processing building and install the new gravity belt thickener and belt filter press that the JUB has pre-purchased.
- Construct new aerobic digester.
- Construct sludge processing building appurtenant facilities including filtrate treatment unit, filtrate drain lift station, temporary wash water system, and temporary waste activated sludge piping.

Phase 1B will consist of designing, bidding and constructing the following elements:

- New Influent Lift station and headworks including bar screens and grit removal and inlet flow measurement
- Modify and reuse the existing Equalization Basins
- New fine screens prior to the new membrane bioreactors (MBR) secondary treatment facility to include blowers, waste activated sludge pump and permeate pump facility and administration building with laboratory
- Effluent flow measurement

Implementing Phase 1A work first before Phase 1B has the following advantages:

- It allows the plant to maintain treatment throughout construction.
- It allows the JUB to use their pre-purchased sludge processing equipment up to two years sooner than if Phase 1 were implemented without segments.
- It allows fast-tracking of design and construction to insure the project can be completed on time.

ALTERNATIVES TO THE PROPOSED PROJECT

The funding recipient evaluated and considered a range of various alternatives to address the infrastructure needs of the area. Important factors influencing the evaluation of the processes and their recommended solutions included environmental acceptability, overall costs, availability

of land for the intended uses, maximum reuse of existing facilities when applicable, operation and maintenance costs, system reliability, accommodation of future expansion needs, and public acceptance. Adherence to local, state and Federal regulations is of prime importance and concern to the funding recipient. The following is a discussion of the alternatives considered or evaluated during the development of the project.

A. No Action

The NEPA environmental review process requires consideration of the "no action" alternative. This alternative will allow the current public health concerns and environmental contamination to continue. The environmental consequences of taking "no action", which would allow continued deterioration of the area, were compared with the benefits to be gained from the construction of the proposed project. Since taking "no action" is unresponsive to the current and future infrastructure needs of the funding recipient, and does not protect public health and environmental standards in the area, this alternative was **rejected** from further consideration in favor of implementing the proposed project.

B. Alternative 1 – Conventional Biological Nutrient Removal (BNR)

This alternative proposes a conventional BNR process with a pre-anoxic denitrification. The BNR system would remove nitrogen and phosphorus with an anaerobic selector following the headworks, and would recycle return activated sludge. The system would direct waste stream flows to a pre-anoxic zone, which is mixed but not aerated, causing the biomass to use nitrate instead of oxygen for metabolism of Biochemical Oxygen Demand (BOD). The flows would continue to an aerobic zone, where BOD metabolism, ammonification, and nitrification would take place. Mixed liquor from the aerobic zone would be recycled to the anoxic zone. Clarifiers would follow the aerobic zone. This alternative was **rejected** from further consideration because the anticipated effluent quality would not meet the stringent requirements of the NPDES permit.

C. Alternative 2 – Simultaneous Nitrification and Denitrification (SNdN)

This alternative would use a SNdN process in which BOD metabolism, ammonification, nitrification, and denitrification occur in the same basin. The use of protein monitoring probes and variable-speed blowers would control concentrations of oxygen, making it possible for these processes to occur simultaneously. This process continues through a post-aeration zone on to the clarifiers. This alternative was **rejected** from further consideration because it would require significant additional equipment to obtain the stringent requirements of the NPDES permit.

D. Alternative 3 – Bardenpho Process with Membrane Bioreactors

This alternative would use a conventional BNR process supplemented with MBRs. After passing through anaerobic, anoxic, and aerobic zones, the waste stream would continue into compartments containing MBRs, where pumps would draw permeate through the membranes. Recycle products would be taken from the compartments. The membrane filtration eliminates the need for clarifiers.

Due to the cost savings associated with this option, this is the **preferred** alternative chosen by the funding recipient to meet their wastewater collection and treatment needs.

ENVIRONMENTAL SETTING

The WWTP is located in Lincoln County, New Mexico, approximately five miles east of the US 70 and NM 37 intersection, 2,000 feet northeast of the City's eastern boundary, northeast of Agua Fria, and north of the Rio Ruidoso (See, Appendix A for project location maps). The six-acre project area, which includes both the current four-acre WWTP location and the proposed two-acre expansion area, is located within the northwest quadrant of Section 14, Township 11 South, Range 14 East, *Ruidoso Downs*, U.S. Geological Survey 7.5' quadrangle (1991). The project area's Universal Transverse Mercator (UTM) coordinates are Northing Range: 3691109 to 3691413, and Easting Range: 448383 to 448571.

The Service Area is in central Lincoln County, in southern New Mexico, and encompasses the Village, the City, and several surrounding unincorporated neighborhoods, which are adjacent communities. This area is located in the Sacramento Mountains and is surrounded by the Lincoln National Forest. Elevations range from 7,000 to 10,000 feet. The average maximum and minimum temperatures in Ruidoso are 65.7° F and 31.5° F, respectively. The average total precipitation is 21.5 inches per year, with an average snowfall of 38.8 inches. The area's pristine, forested environment offers numerous outdoor activities such as fishing, hiking, camping, and skiing, and, as a result, the area is a popular tourist destination. The Service Area's tourist economy includes a large number of part-time residents, which increases the population of the area substantially during peak tourist seasons.

City of Ruidoso Downs. The City is home to the Ruidoso Downs Race Track, the Hubbard Museum of the Horse, a super Wal-Mart, and residential housing along US 70. The City was originally settled near Hale Spring in the 1930s as a farming and sawmill community. The post office was established in 1947, and the horseracing track soon followed. The City was originally named Palo Verde, but the name was changed to Ruidoso Downs in 1958 to better associate it with the racetrack. Racing events were initially participated in and attended by locals, but now include nationally known races such as the All American Futurity.

The City of Ruidoso Downs has a population of 1,824 according to the 2000 Census. Of that total, 67.3% is White, 0.83% is African American, 3.6% is American Indian, 0.7% is Asian and 24.5% is classified "Other", assumedly Hispanic.

The Village of Ruidoso. The Ruidoso area was first inhabited by the Mescalero Apaches as they hunted and fished in the Sacramento Mountain area. Mountain men came to trap in the area, eventually followed by traders, merchants, and their families. The current incorporated Village was originally known as Dowlin's Mill after Captain Paul Dowlin who established a grist mill that still stands today. When the post office was established in the community in 1882, it was named Rio Ruidoso (noisy river), for the river running through the center of town. By the end of the nineteenth century, the Village was a small settlement known for its legendary associations with Billy the Kid and other wild and independent individuals of the West. At the beginning of the twentieth century, the Village increasingly became known for its fishing, horseback, riding,

and gambling. Shortly after World War II, Ruidoso Downs was constructed, further establishing Ruidoso as a summer resort destination. In 1962, Sierra Blanca Ski area (now Ski Apache) was opened, and the area became a year-round recreational destination with golf courses, a nearby casino, ski resorts, fishing, and other amenities.

The Village of Ruidoso has a population of 7,698 according to the 2000 Census. Of that total 87.5% is White, 0.3% is African American, 2.4% is American Indian, 0.3% is Asian, and 7.4% is "Other" assumedly Hispanic.

IMPACTS OF THE PROPOSED PROJECT

The proposed project was analyzed to identify potential short-term, long-term, and cumulative impacts on the environment. Factors that were considered include the probability of impact occurrence, magnitude of any occurrence, if any predicted occurrence is determined to be reversible/irreversible, direct/indirect or one-time/cumulative, the proposed action's conformity to legal mandates, and the social distribution of risks and benefits. The proposed project should not have a substantial negative impact upon current land uses or land values, nor should it have a substantial impact upon the values of surrounding land holdings. The proposed action is expected to have energy requirements typical of other construction projects of similar scope, size and duration, and will be conducted in accordance with the requirements of all local and state regulations.

The majority of the impacts associated with the proposed project will be short-term and temporary due to actual construction activities, and will cease immediately upon completion of construction work in any particular area. There are no significant adverse environmental impacts associated with the proposed action that cannot be reduced to acceptable levels. The only irretrievable resources committed to this project are labor, machinery wear, materials, funds spent, and energy consumed during construction. The potential short and long-term, direct, indirect and cumulative impacts resulting from the proposed action are identified and discussed below.

1. Biological Resources Including Threatened and Endangered Species: The proposed project was coordinated with the United States Fish and Wildlife Service and the New Mexico Department of Game and Fish concerning the protection of listed animal and plant species and their designated critical habitat. Since these protected resources are not known to occur in the project area, federally listed species or their habitats will not be adversely impacted by construction of the project.

2. Cultural/Historic Resources: The proposed project was coordinated with the State Historic Preservation Officer (SHPO) as required under Section 106 of the National Historic Preservation Act (NHPA) concerning the protection of sensitive resources with archaeological, historical, architectural, or cultural significance. Since these protected resources are not known to occur in the project area, cultural or historic resources will not be adversely impacted by construction of the project. A good faith effort of tribal consultation indicates that no impacts will occur.

However, should materials, artifacts or properties of a potentially historic or archaeological nature be unearthed during construction, work will stop immediately in that general vicinity, and the funding recipient will immediately notify the SHPO of the discovery. Any such resources discovered will be evaluated in accordance with the requirements of 36 CFR Part 800. Appropriate mitigation measures will be developed and implemented, as needed, in consultation with the SHPO before construction is allowed to continue.

3. Floodplain: The proposed project was coordinated with the local Floodplain Administrator and the Federal Emergency Management Agency (FEMA) concerning the protection of the floodplain, and compliance with local floodplain management regulations. According to the County of Lincoln's floodplain manager, the proposed project boundaries have areas that fall within FEMA Flood Zone A. Siting of the WWTP facility upgrades and modifications will take place in the location of the existing treatment facility and will avoid encroaching on base floodplains within the project area. "Encroachment" means an action within the limits of the base floodplain. However, if it is determined that the preferred project alternative would encroach on or affect base floodplains in the area by changing base flood elevations, floodplain boundaries, or flow velocities, local, state, and federal water resources and floodplain management agencies will be consulted, and a location hydraulic study will be completed as required by federal regulations for encroachments on floodplains (E.O. 11988 and 23 CFR 650.11).

4. Wetlands: Consultation with the U.S. Army Corps of Engineers (USACE) has been initiated (Action No. 2005 00315; See, Appendix B for agency correspondence). Though a determination of permit requirement(s) will not be made until final design, if modifications to the outfall structure are deemed necessary by the proposed project, work on the existing outfall structure may be authorized by and performed under the conditions of Section 404 of the Clean Water Act (CWA), Nationwide Permits No. 12, *Utility Line Activities* or No. 7, *Outfall Structures and Maintenance*. A final determination will be made by the Joint Use Board in coordination with the USACE. A Section 404 permit application, along with the project environmental document, will be submitted to the USACE to initiate the permit process. The permit process will be completed prior to project construction. Because Section 404 of the CWA applies to this project, a CWA Section 401 Water Quality Certification will also be required. This certification is issued by NMED. This certification process will also be completed prior to construction.

5. Surface Water Resources: The proposed project was coordinated with both the National Park Service and the New Mexico Water Quality Control Commission concerning the protection of surface water resources. Effluent will not be discharged into waters which have been designated as a wild and scenic river. Since these protected resources are not known to occur in the project area, surface water resources will not be adversely impacted by construction of the project. The proposed WWTP upgrade and expansion will meet all required water quality standards, and, therefore, will have a positive impact on the Rio Ruidoso.

Because construction will disturb more than one acre of land, a Surface Water Pollution Protection Plan (SWPPP) will be prepared to prevent erosion both during and after construction. The SWPPP will ensure that appropriate best management practices are incorporated into the design and construction plan.

6. Ground Water Resources: The proposed project was coordinated with the NMED Ground Water Quality Bureau concerning the protection of ground water resources for compliance with the NMED groundwater discharge and effluent reuse requirements. Since the project is not located over ground water resources that have been designated as a sole source aquifer, ground water resources will not be adversely impacted by construction of the project.

7. Prime and Unique Farmlands: The proposed project was coordinated with the Natural Resources Conservation Service concerning the protection of prime and/or unique farmlands. Since these protected resources are not known to occur in the project area, prime and/or unique farmlands will not be adversely impacted by construction of the project.

8. Air Quality: The project was coordinated with the NMED Air Quality Bureau concerning the protection of air quality. The proposed project is located in an attainment area which is in compliance with the National Ambient Air Quality Standards (NAAQS) for all criteria air pollutants. All vehicles and equipment used in the construction of this project must comply with the regulations concerning control of air pollution from mobile sources. Since the project will not violate NAAQS, air quality will not be adversely impacted by construction of the project.

9. Environmental Justice: The proposed project was reviewed for compliance with Executive Order 12898 entitled "Federal Actions to Address Environmental Justice (EJ) in Economically Stressed Populations. Potential environmental impacts to economically stressed communities were evaluated using Geographical Information System maps, census demographic data, and a mathematical formula to rank the project for EJ impacts. The project will serve all populations equally and will be constructed in a manner to ensure that no persons or populations will be discriminated against or denied the benefits of the project. There will be no adverse impacts that are considered disproportionate to any particular population(s). The results of the EJ analysis are shown in the attached EJ Analysis. The analysis results in a ranking scale of one to one hundred that indicates the potential for economically stressed. A ranking below thirteen indicates the low possibility of economically stressed while a ranking above fifty indicates a high probability of economically stressed.

10. Coastal and Barrier Resources: Since the entire state of New Mexico is inland and not adjacent to any coastal location, construction of the proposed project should not have significant adverse impacts to coastal and barrier resources.

11. Cumulative Impacts: Potential cumulative impacts would be those impacts to the local environment that would result from the proposed project in combination with other ongoing actions, and those reasonably foreseeable future actions. No other major construction activity is being conducted presently or planned for the immediate future. The proposed project will not individually nor cumulatively over time have a negative impact on the quality of the human or natural environment. To the contrary, improved infrastructure will have a positive environmental effect by enhancing public health and protecting the surface and ground water from continued contamination.

DOCUMENTATION, COORDINATION, AND PUBLIC PARTICIPATION

Public hearings for the proposed project were held on May 3, 2006 and again on February 27, 2008 at 6:15 PM at the Hubbard Museum of the American West in Ruidoso Downs, NM. The purpose of the meetings was to inform the public of the proposed project, to identify any issues of concern, and to request public participation in the development of the project. The project is supported by the community, no adverse public comments or concerns were received.

During the process of conducting the environmental review and preparing this EA for the project, coordination has been conducted with all required resource protection agencies and offices to solicit and incorporate their initial review and comments, if any. Copies of this EA will be provided to those agencies and offices for their final review and comments, if any. Other interested parties may request a copy of the EA in writing from the EPA, Office of Planning and Coordination (6EN-XP), 1445 Ross Avenue, Dallas, Texas 75202-2733.

References

1. Environmental Information Document, Taschek, July 2006 and supplemental by Taschek, Jan., 2008
2. Engineering Report, Archuleta, Nov 2005 and Supplemental by Archuleta 10/26/07

RECOMMENDATION

Based upon completion of this Environmental Assessment, and a detailed review of the supporting information contained in the Environmental Information Document, the Public Hearing Responsiveness Summary, Table 1, which were prepared for the project, and other pertinent technical, engineering and administrative documentation, the proposed project is considered to be cost-effective and environmentally sound. Therefore, it is recommended that a Finding of No Significant Impact be issued for this project.

Attachment E – Additional MSGP Documents and Recordkeeping

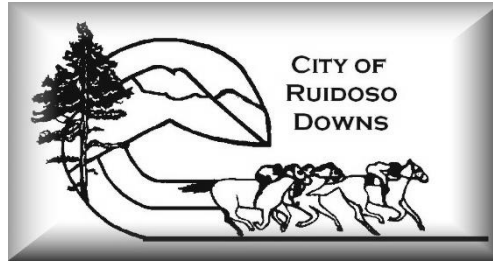
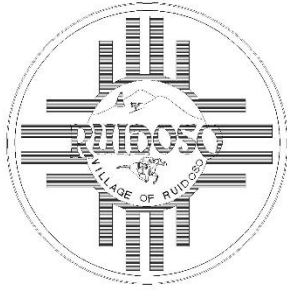
These sections are kept within the binder on site at the RWWTP. The following sections are:

- A. Employee training
- B. Maintenance
- C. Routine Facility Inspection Reports
- D. Quarterly Visual Assessment Reports
- E. Monitoring results
- F. Deviations from assessment or monitoring schedule
- G. Corrective Action Documentation
- H. Benchmark Exceedances
- I. Impaired Waters Monitoring: Documentation of Natural Background Sources or Non-Presence of Impairment Pollutant
- J. Active/Inactive status change
- K. SWPPP Amendment Log
- L. Miscellaneous Documentation

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Attachment E

Additional MSGP Documentation

For:

City of Ruidoso Downs and Village of Ruidoso
Waste Water Treatment Plant
26675 U.S. Highway 70
Ruidoso Downs, NM 88346
Phone: 575-378-8417
NMR05J01F

Contents

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Instructions:

- Keep the following inspection, corrective action, monitoring, and certification records in the same location that you keep your SWPPP:
 - A copy of the NOI submitted to EPA along with any correspondence exchanged between you and EPA specific to coverage under this permit (you should already have this);
 - A copy of the acknowledgment you receive from the EPA assigning your NPDES ID (you should already have this);
 - A copy of 2015 MSGP (you can provide an electronic copy);
 - Documentation of maintenance and repairs of control measures, including the date(s) of regular maintenance, date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure(s) returned to full function, and the justification for any extended maintenance/repair schedules (see Part 2.1.2.3);
 - All inspection reports, including the Routine Facility Inspection Reports (see Part 3.1) and Quarterly Visual Assessment Reports (see Part 3.2.2);
 - Description of any deviations from the schedule for visual assessments and/or monitoring, and the reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of a measurable storm event) (see Parts 3.2.3 and 6.1.5);
 - Corrective action documentation required per Part 4.4;
 - Documentation of any benchmark exceedances and the type of response to the exceedance you employed, including:
 - the corrective action taken;
 - a finding that the exceedance was due to natural background pollutant levels;
 - a determination from EPA that benchmark monitoring can be discontinued because the exceedance was due to run-on; or
 - a finding that no further pollutant reductions were technologically available and economically practicable and achievable in light of best industry practice consistent with Part 6.2.1.2.
 - Documentation to support any determination that pollutants of concern are not expected to be present above natural background levels if you discharge directly to impaired waters, and that such pollutants were not detected in your discharge or were solely attributable to natural background sources (see Part 6.2.4.1);
 - Documentation to support your claim that your facility has changed its status from active to inactive and unstaffed with respect to the requirements to conduct routine facility inspections (see Part 3.1.1), quarterly visual assessments (see Part 3.2.3), benchmark monitoring (see Part 6.2.1.3), and/or impaired waters monitoring (see Part 6.2.4.3).
- With the exception of the first 3 items, these are records that you will be updating throughout the permit term. Follow the instructions in Sections A through L of this template to keep your records complete.

A. Employee Training

For in-person training, consider using the tables below to document your employee trainings. For computer-based or other types of training, keep similar records on who was trained, the training date, and the type of training conducted.

Training Date:	
Training Description:	
Trainer:	
Employee(s) trained	Employee signature

Training Date:	
Training Description:	
Trainer:	
Employee(s) trained	Employee signature

Training Date:	
Training Description:	
Trainer:	
Employee(s) trained	Employee signature

Training Date:	
Training Description:	
Trainer:	
Employee(s) trained	Employee signature

B. Maintenance

Instructions:

- Include in your records documentation of maintenance and repairs of control measures and industrial equipment (see Part 2.1.2.3 and 5.5), including:
 - the control measure/equipment maintained,
 - date(s) of regular maintenance,
 - date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure/equipment was returned to full function, and
 - the justification for any extended maintenance/repair schedules and the notification to your EPA Region that you need an extension past 45 days to complete repairs/maintenance.
- As a reminder:
 - you are required to take all reasonable steps to prevent or minimize the discharge of pollutants until the final repair or replacement is implemented.
 - final repair/replacements of stormwater controls should be completed as soon as feasible but no later than 14 days, or if that is infeasible within 45 days.
 - if the completion of stormwater control repairs/replacement will exceed the 45 day timeframe, you may take the minimum additional time necessary to complete the maintenance, provided you notify the EPA Regional Office and document your rationale in your SWPPP.
- Provide information, as shown below, to document your maintenance activities for each control measure and industrial equipment. Repeat as necessary by copying and pasting the information below for additional control measures.

Note that maintenance documentation in this section is separate from required corrective action documentation. For any Part 4 corrective action triggering conditions, you must include documentation in section G of this Template.

Control Measure Maintenance Records (copy information below for each control measure)

Control Measure: Insert Name of Control Measure

Regular Maintenance Activities: Describe maintenance activities

Regular Maintenance Schedule: Insert Maintenance Schedule

Date of Maintenance Action: Insert Date of Action

Reason for Action: ☐ **Regular Maintenance** ☐ **Discovery of Problem**

If Problem,

- **Description of Action Required:** Describe actions taken in response to problem
- **Date Control Measure Returned to Full Function:** Insert Date
- **Justification for Extended Schedule, if applicable:** Insert Justification (if applicable)

Notes: Insert Notes (if applicable)

Industrial Equipment/Systems: Insert Name of Industrial Equipment/System

Regular Maintenance Activities: Describe maintenance activities

Regular Maintenance Schedule: Insert Maintenance Schedule

Date of Maintenance Action: Insert Date of Action

Reason for Action: ☐ **Regular Maintenance** ☐ **Discovery of Problem**

If Problem,

- **Description of Action Required:** Describe actions taken in response to problem
- **Date Industrial Equipment Returned to Full Function:** Insert Date
- **Justification for Extended Schedule, if applicable:** Insert Justification (if applicable)

Notes: Insert Notes (if applicable)

Date of Maintenance Action: Insert Date of Action

Reason for Action: ☐ **Regular Maintenance** ☐ **Discovery of Problem**

If Problem,

- **Description of Action Required:** Describe actions taken in response to problem
- **Date Industrial Equipment Returned to Full Function:** Insert Date
- **Justification for Extended Schedule, if applicable:** Insert Justification (if applicable)

Notes: Insert Notes (if applicable)

Industrial Equipment and Systems Maintenance Records (copy information below for each industrial equipment/system)

Date of Maintenance Action: Insert Date of Action

Reason for Action: ☐ **Regular Maintenance** ☐ **Discovery of Problem**

If Problem,

- **Description of Action Required:** Describe actions taken in response to problem
- **Date Industrial Equipment Returned to Full Function:** Insert Date
- **Justification for Extended Schedule, if applicable:** Insert Justification (if applicable)

Notes: Insert Notes (if applicable)

Date of Maintenance Action: Insert Date of Action

Reason for Action: ☐ **Regular Maintenance** ☐ **Discovery of Problem**

If Problem,

- **Description of Action Required:** Describe actions taken in response to problem
- **Date Industrial Equipment Returned to Full Function:** Insert Date
- **Justification for Extended Schedule, if applicable:** Insert Justification (if applicable)

Notes: Insert Notes (if applicable)

Date of Maintenance Action: Insert Date of Action

Reason for Action: ☐ **Regular Maintenance** ☐ **Discovery of Problem**

If Problem,

- **Description of Action Required:** Describe actions taken in response to problem
- **Date Industrial Equipment Returned to Full Function:** Insert Date
- **Justification for Extended Schedule, if applicable:** Insert Justification (if applicable)

Notes: Insert Notes (if applicable)

C. Routine Facility Inspection Reports

Instructions:

- Include in your records copies of all routine facility inspection reports completed for the facility.
- The sample inspection report is consistent with the requirements in Part 3.1.2 of the 2015 MSGP relating to routine facility inspections. Facilities subject to state industrial stormwater permits may also find this form useful. **If your permitting authority provides you with an inspection report, use that form.**

Using the Sample Routine Facility Inspection Report

- This inspection report is designed to be customized according to the specific control measures and activities at your facility. For ease of use, you should take a copy of your site plan and number all of the stormwater control measures and areas of industrial activity that will be inspected. A brief description of the control measures and areas that were inspected should then be listed in the site-specific section of the inspection report.
- You can complete the items in the “General Information” section that will remain constant, such as the facility name, NPDES tracking number, and inspector (if you only use one inspector). Print out multiple copies of this customized inspection report to use during your inspections.
- When conducting the inspection, walk the site by following your site map and numbered control measures/areas of industrial activity to be inspected. Also note whether the “Areas of Industrial Materials or Activities exposed to stormwater” have been addressed (customize this list according to the conditions at your facility). Note any required corrective actions and the date and responsible person for the correction.

Stormwater Industrial Routine Facility Inspection Report

General Information			
Facility Name	City of Ruidoso Downs and Village of Ruidoso Waste Water Treatment Plant		
NPDES Tracking No.	NMR05J01F		
Date of Inspection		Start/End Time	
Inspector's Name(s)			
Inspector's Title(s)			
Inspector's Contact Information			
Inspector's Qualifications			
Weather Information			
Weather at time of this inspection? <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds <input type="checkbox"/> Other: Temperature:			
Have any previously unidentified discharges of pollutants occurred since the last inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe:			
Are there any discharges occurring at the time of inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe:			

Control Measures

- Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- Identify if maintenance or corrective action is needed.
 - If maintenance is needed, fill out section B of this template
 - If corrective action is needed, fill out section G of this template

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
2		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
3		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
3		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
4		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
5		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
6		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
7		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
8		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
9		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
10		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
11		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
12		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
13		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
14		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
15		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
16		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
17		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
18		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
19		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed
20		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Maintenance and/or Corrective Actions Needed

Areas of Industrial Materials or Activities Exposed to Stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility that are potential pollutant sources. Identify if maintenance or corrective action is needed. If maintenance is needed, fill out section B of this template. If corrective action is needed, fill out section G of this template.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective and operating)?	Maintenance or Corrective Action Needed and Notes
1	Material loading/unloading and storage areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
2	Equipment operations and maintenance areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective and operating)?	Maintenance or Corrective Action Needed and Notes
3	Fueling areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
4	Outdoor vehicle and equipment washing areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
5	Waste handling and disposal areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
6	Erodible areas/construction	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
7	Non-stormwater/ illicit connections	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
8	Salt storage piles or pile containing salt	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
9	Dust generation and vehicle tracking	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
10	Processing areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
11	Areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
12	Immediate access roads used or traveled by carriers of raw materials, waste material, or by-products used or created by the facility	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
13	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed
14	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Maintenance and/or Corrective Actions Needed

Discharge Points

At discharge points, describe any evidence of, or the potential for, pollutants entering the drainage system. Also describe observations regarding the physical condition of and around all outfalls, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water. Identify if any corrective action is needed.

Describe Discharge Points Observations

Non-Compliance

Describe any incidents of non-compliance observed and not described above:

Describe Non-compliance

Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:

Describe Additional Controls Needed

Notes

Use this space for any additional notes or observations from the inspection:

Additional Notes

CERTIFICATION STATEMENT

"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."

Print name and title: _____

Signature: _____ **Date:** _____

D. Quarterly Visual Assessment Reports

Instructions:

- Include in your records copies of all quarterly visual assessment reports completed for the facility (Part 3.2.2). An example quarterly visual assessment report can be found on the following page.

MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Ruidoso WWTP

NPDES Tracking No. NMR05J01F

Outfall Name: "Substantially Identical Discharge Point"?

☐ Yes (identify substantially identical outfalls):
☐ No

Person(s)/Title(s) collecting sample: Name/Title

Person(s)/Title(s) examining sample: Name/Title

Date & Time Discharge Began:

Date & Time Sample Collected:

Date & Time Sample Examined:

Enter date and time

Enter date and time. If sample not taken within first 30 minutes, explain why.

Enter date and time

Substitute Sample? ☐ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☐ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: No of inches_

Previous Storm Ended > 72 hours ☐ Yes ☐ No* (explain):
Before Start of This Storm?

Pollutants Observed

Color ☐ None ☐ Other (describe): _____

Odor ☐ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas
☐ Solvents ☐ Other (describe): _____

Clarity ☐ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☐ No ☐ Yes (describe): _____

Settled Solids** ☐ No ☐ Yes (describe): _____

Suspended Solids ☐ No ☐ Yes (describe): _____

Foam (gently shake sample) ☐ No ☐ Yes (describe): _____

Oil Sheen ☐ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick
☐ Other (describe): _____

Other Obvious Indicators ☐ No ☐ Yes (describe): _____
of Stormwater Pollution

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Identify probably sources of any observed stormwater contamination. Also, include any additional comments, descriptions of pictures taken, and any corrective actions necessary below (attach additional sheets as necessary). Insert details

Certification Statement (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

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.

A. Name: _____

B. Title: _____

C. Signature: _____

D. Date Signed: _____

E. Monitoring results

Instructions:

- Include in your records copies of all monitoring results (including analytical laboratory data, benchmarks, effluent limits, and other monitoring conducted) for the facility. Also include copies of monitoring data submitted to EPA's NetDMR reporting system or paper Industrial Discharge Monitoring Reports (DMRs) if EPA has issued your facility a waiver from electronic reporting (Part 6.1.9).

Visual Monitoring is only required currently for the Ruidoso WWTP.

F. Deviations from assessment or monitoring schedule

Instructions:

Include in your records:

- A description of any deviations from the schedule you provided in your SWPPP for visual assessments and/or monitoring (Part 5.5), and
- The reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of a measurable storm event) (Parts 3.2.3 and 6.1.5 of the 2015 MSGP).

Use the fields below to document the deviations. Repeat as necessary for any deviations.

Date: Insert Date

☐ **Visual assessments** ☐ **Monitoring**

Describe deviation from schedule: Describe deviation

Reason for deviation: Describe reason

Date: Insert Date

☐ **Visual assessments** ☐ **Monitoring**

Describe deviation from schedule: Describe deviation

Reason for deviation: Describe reason

Date: Insert Date

☐ **Visual assessments** ☐ **Monitoring**

Describe deviation from schedule: Describe deviation

Reason for deviation: Describe reason

Date: Insert Date

☐ **Visual assessments** ☐ **Monitoring**

Describe deviation from schedule: Describe deviation

Reason for deviation: Describe reason

G. Corrective Action Documentation

Instructions:

Within 24 hours of becoming aware of a condition identified in Parts 4.1 or 4.2 of the 2015 MSGP, document the existence of the condition and subsequent actions. Note that this information must be summarized in the annual report (as required in Part 7.5 of the 2015 MSGP).

Description of Condition: Insert description of condition triggering the need for corrective action

For Spills and Leaks:

Description of Incident: Insert Description

Material: Insert description of material

Date/Time: Insert Date/Time

Amount: Insert Estimated Amount of Spill/Leak

Location: Insert Location of Spill/Leak

Reason for Spill: Insert Reason for Spill/Leak

Discharge to Waters of U.S.: Insert Whether Spill/Leak discharged to a Water of the U.S.

Date: Insert Date Condition was Identified

Immediate Actions: Insert Description of Immediate Actions Taken

Actions Taken within 14 Days: Insert Description of Actions Taken within 14 days of discovery

14 Day Infeasibility: If Applicable, document why it is infeasible to complete necessary installations or repairs within 14-day timeframe and describe schedule

45 Day Extension: If Applicable, document rationale sent to EPA for extension of 45 day timeframe

Description of Condition:

For Spills and Leaks:

Description of Incident:

Material:

Date/Time:

Amount:

Location:

Reason for Spill:

Discharge to Waters of U.S.:

Date:

Immediate Actions:

Actions Taken within 14 Days:

14 Day Infeasibility:

45 Day Extension:

H. Benchmark Exceedances

This Section Not Applicable to the Ruidoso WWTP.

Instructions:

Include in your records documentation of any four quarter average benchmark exceedances and how they were responded to, including either:

- (1) corrective action taken (Parts 4.2 and 6.2.1.2),
- (2) a finding that the exceedance was due to natural background pollutant levels (Part 6.2.1.2),
- (3) a determination from the EPA Regional Office that benchmark monitoring can be discontinued because the exceedance was due to run-on, or
- (4) a finding that no further pollutant reductions were technologically available and economically practicable and achievable in light of best industry practice consistent with Part 6.2.1.2 of the 2015 MSGP.

Date:

Pollutant Exceeded and Results:

Quarter 1 (Sample date:) Result:

Quarter 2 (Sample date:) Result:

Quarter 3 (Sample date:) Result:

Quarter 4 (Sample date:) Result:

Average Result:

Benchmark Value:

Document how benchmark exceedance(s) responded to:

☐ **Corrective action review completed** (ensure documentation is included in section G of this Template)

☐ **Finding that the exceedance was due to natural background pollutant levels**

Pollutant(s): Insert Pollutant

Attach data and/or studies that tie the presence of the pollutant causing the exceedance in your discharge to natural background sources in the watershed.

☐ **Determination from EPA Regional Office that benchmark monitoring can be discontinued because the exceedance was due to run-on**

Pollutant(s): Insert Pollutant

Attach documentation from EPA Regional Office.

☐ **Finding that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice consistent with Part 6.2.1.2.**

Pollutant(s): Insert Pollutant

Attach documentation supporting this finding.

I. Impaired Waters Monitoring: Documentation of Natural Background Sources or Non-Presence of Impairment Pollutant

Instructions:

This section applies only if your facility:

- Discharges directly to an impaired water without an EPA approved or established total maximum daily load (TMDL), and either your impaired waters monitoring results shows that the pollutant(s) for which the water is impaired is
 1. Not present and not expected to be present in your discharge, or
 2. Present, but you have determined its presence is caused solely by natural background sources. See Part 6.2.4.1 of the 2015 MSGP.

If # 1 applies to your facility, include here documentation that the impairment pollutant(s) was not detected in your discharge sample.

If # 2 applies to your facility, include the following documentation here:

- An explanation of why you believe that the presence of the pollutant(s) causing the impairment in your discharge is not related to the activities at your facility; and
- Data and/or studies that tie the presence of the pollutant(s) causing the impairment in your discharge to natural background sources in the watershed.

Note: You are reminded that the permit requires you to include a notification that you have met either condition # 1 or # 2 (above) in your monitoring report that you submit to EPA.

Date:

Check one of the boxes below and complete the additional documentation:

☐ **#1 – Pollutant(s) for which the water is impaired is not present and not expected to be present in your discharge**

Attach documentation that the impairment pollutant(s) was not detected in your discharge sample(s).

☐ **#2 – Pollutant(s) for which the water is impaired is present, but you have determined its presence is caused solely by natural background sources.**

Attach the following documentation:

- An explanation of why you believe that the presence of the pollutant(s) causing the impairment in your discharge is not related to the activities at your facility; and
- Data and/or studies that tie the presence of the pollutant(s) causing the impairment in your discharge to natural background sources in the watershed.

J. Active/Inactive status change

Instructions:

If your facility changes its status from active to inactive and unstaffed (or from inactive/unstaffed to active), include documentation in this section to support your claim.

Date:

New Facility Status: ☐ Inactive and Unstaffed ☐ Active

Reason for change in status:

K. SWPPP Amendment Log

Instructions:

Include in your records:

- A log of the date and description of any amendments to your SWPPP.

Fill in the appropriate columns of this table for each amendment to your SWPPP. Copy and paste additional rows into the table as necessary.

Amend. No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			

L. Miscellaneous Documentation

Instructions:

Use this section to keep records of any additional documentation that relates to your compliance with the permit.

Attachment F – EPA Accepted NOI

Eligibility Information

State/territory where your facility is located: NMIs your facility located on Indian Country lands? NoAre you a "Federal Operator" as defined in Appendix A (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendixa.pdf)? NoAre you discharging to any waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 3 water (Outstanding National Resource water)? (See Appendix L (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendixl.pdf))NoDoes your facility directly discharge to a Federal CERCLA site listed in Appendix P (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendixp.pdf)? No

By indicating "Yes", I confirm that I understand that the MSGP only authorizes the allowable stormwater discharges in Part 1.1.2 and the allowable non-stormwater discharges listed in Part 1.1.3. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, state, or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.1.2 and 1.1.3 will be discharged, they must be covered under another NPDES permit.

YesMaster Permit Number NMR050000

Permit Information

Master Permit Number NMR050000

NPDES ID:

Are you a new discharger or a new source as defined in Appendix A (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendixa.pdf)? NoHave stormwater discharges from your facility been covered previously under an NPDES permit? Yes

Most current NPDES ID (i.e., permit tracking number) if you had coverage under EPA's MSGP 2008 or the NPDES permit number if you had coverage under an EPA individual permit:

NMR05HR41

Facility Operator Information

Operator Information

Operator Name (Organization Name): Village of Ruidoso

Operator Mailing Address:

Address Line 1: 313 Cree Meadows Drive

Address Line 2:

City: RuidosoZIP/Postal Code: 88435State: NMCounty or Similar Division: LINCOLN

Operator Point of Contact Information

First Name Middle Initial Last Name: Isaac Garcia

Organization:

Title: VWTP DirectorPhone: 575-378-8417

Ext.

Email: IsaacGarcia@ruidoso-nm.gov

NOI Preparer Information

First Name Middle Initial Last Name: Reynold R Durden

Organization: Molzen-Corbin and Associates

Phone: (505) 242-5700

Ext.

Email: rdurden@molzencorbin.com

Facility Information

Facility Information

Facility Name: City of Ruidoso Downs and Village of Ruidoso WWTP

Address Line 1: 26675 U.S. Highway 70

Address Line 2:

City: Ruidoso

ZIP/Postal Code: 88436

State: NM

County or Similar Division: LINCOLN

Latitude/Longitude for the facility

Latitude/Longitude: 33.3598°N, 105.552°W

Latitude/Longitude Data Source: Google Earth Pro

Horizontal Reference Datum: NAD 83

Is your facility located on Indian Country lands? No

Are you requesting coverage under this NOI as a "Federal Operator" as defined in Appendix A (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendixA.pdf)?

No

What is the ownership type of the facility? Municipal or Water District

Estimated area of industrial activity at your facility exposed to stormwater: 13.25 (to the nearest quarter acre)

Sector Specific Information

Primary Sector: T

Primary Subsector: T1

Primary Activity Code: TW

Is your facility presently inactive and unstaffed? No

Discharge Information

By indicating "Yes" below, I confirm that I understand that the MSGP only authorizes the allowable stormwater discharges in Part 1.1.2 and the allowable non-stormwater discharges listed in Part 1.1.3. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA state, or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.1.2 and 1.1.3 will be discharged, they must be covered under another NPDES permit.

Yes

Federal Effluent Limitation Guidelines:

Identify the Effluent Limitation Guideline(s) that apply to your stormwater discharges.

There are no guidelines associated with the sector(s) selected in the Facility Information section above.

Are you requesting permit coverage for any stormwater discharges subject to effluent limitation guidelines? No

Benchmark Monitoring:

Are you subject to benchmark monitoring requirements for a hardness-dependent metal? No

Other Discharge Information:

Does your facility discharge into a Municipal Separate Sewer System (MS4)? No

Are you discharging to any waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 3 water (Outstanding National Resource Water) (See Appendix L (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendixl.pdf))?

No

Does your facility directly discharge to a Federal CERCLA site listed in Appendix P (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendixp.pdf)? No

Receiving Waters Information

List all of the stormwater outfalls from your facility.

Outfall 001:

Applicable Sectors

Select the Sectors/Subsector(s) that apply to this outfall.

	Sector	Subsector
<input checked="" type="checkbox"/>	T - TREATMENT WORKS	T1 - Treatment Works treating domestic sewage, including land dedicated to the disposal of sewage sludge, with a design flow of 1.0 mgd or more or required to have a pretreatment program under 40 CFR Part 403.

Latitude/Longitude: 33.3591°N, 105.5523°W

Is this outfall *Substantially Identical* to an existing outfall?
XXXXXXXXXXXXXXXXXXXX

Receiving Water

GNIS Name:
Rio Ruidoso

Waterbody Name:
RIO RUIDOSO (SEEPING SPRINGS LAKE TO MESCALERO APACHE BND)

Listed Water ID:
NM-PR8-50000

Is this receiving water designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water)?

No

Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? No

Has a TMDL been completed for this receiving waterbody? Yes

TMDL ID	Cause of Impairment Group	Pollutant
22676	TEMPERATURE TURBIDITY	Temperature, water deg. centigrade Turbidity

SWPPP Information

Has the Stormwater Prevention Plan (SWPPP) been prepared in advanced of filing this NOI, as required? Yes

SWPPP Contact Information:

First Name Isaac Middle Initial Last Name Garcia

Organization: Village of Ruidoso

Title: WWTP Director

Phone: 575-378-8417 Ext.

Email: IsaacGarcia@ruidoso-nm.gov

SWPPP Availability:

Your current SWPPP or certain information from your SWPPP must be made available through one of the following two options. Select one of the options and provide the required information:

☒ Option 1: Maintain a Current Copy of your SWPPP on an Internet Page (Universal Resource Locator or URL).

SWPPP web address URL: <https://www.ruidoso-nm.gov/regional-wastewater/>

Endangered Species Protection

Using the instructions in Appendix E (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendixe-2.pdf) of the MSGP, under which endangered species criterion listed in Part 1.1.4.5 are you eligible for coverage under this permit?

Criterion A - No listed species of critical habitat are in the action area

Provide a brief summary of the basis for the criterion selected in Appendix E (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendix-2.pdf):

The US Fish and Wildlife Service IPAC system was consulted for endangered species, threatened species, critical habitat, and migratory bird habitat. The attached list for the site can be found in Attachment C, the six species that may be present in the area are: New Mexico Meadow Jumping Mouse, Penasco Least Chipmunk, Mexican Spotted Owl, Northern Aplomado Falcon, Southwestern Willow Flycatcher, and the Kuenzler Hedgehog Cactus. The site did not have any critical habitat listed within its boundaries.

Historic Preservation

Is your facility located on a property of religious or cultural significance to an Indian tribe? No

Using the instructions in Appendix F (https://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_appendixf.pdf) of the MSGP, under which historic properties preservation criterion listed in Part 1.1.4.6 are you eligible for coverage under this permit?

Criterion B - Subsurface stormwater controls will not affect historic properties

Certification Information

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 have no personal knowledge that the information submitted is other than 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. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: Lynn Crawford (RUIDOSOLYNN)

Certified On: 12/21/2018 5:05 PM

Attachment G – 2015 MSGP

The EPA 2015 MSGP document can be found at: <https://www.epa.gov/npdes/final-2015-msgp-documents>