Stormwater Pollution Prevention Plan

for:

Los Lunas Waste Water Treatment Plant
1960 Heaton Loop
Albuquerque, NM, 87110
Phone: (505) 352-7675

SWPPP Contact(s):

Village of Los Lunas
Craig Byers
1960 Heaton Loop
P.O. Box 1209 Los Lunas, NM
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SWPPP Preparation Date:

04/ 30 / 2021

MOLZENCORBIN
ENGINEERS | ARCHITECTS | PLANNERS

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SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION

1.1 Facility Information.

Facility Information

Facility Name: Los Lunas Waste Water Treatment Plant

Street/Location: 1960 Heaton Loop

City: Albuquerque State: NM ZIP Code: 87031

County or Similar Government Subdivision: Valencia County

NPDES ID (i.e., permit tracking number): NMR053548 (if covered under a previous permit)

Primary Industrial Activity SIC code, and Sector and Subsector (2021 MSGP, Appendix D and Part 8):
4952 Sector T, T1

Co-located Industrial Activity(s) SIC code(s), Sector(s) and Subsector(s) (2021 MSGP, Appendix D):
None

Is your facility presently inactive and unstaffed and are there no industrial materials or activities exposed to stormwater? ☐ Yes ☒ No

Latitude/Longitude

Latitude: 34.783649º N (decimal degrees)

Longitude: 106.733573º W (decimal degrees)

Method for determining latitude/longitude (check one):

☐Maps (If USGS topographic map used, 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, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable).

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

Federal Operator – an entity that meets the definition of "operator" in [the 2021 MSGP] 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 your facility exposed to stormwater: 18
(to the nearest quarter acre)

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 Grande River

Does this facility discharge industrial stormwater directly into any segment of an "impaired water" (see definition in 2021 MSGP, Appendix A)? ☐ Yes ☒ No

If Yes, identify name of the impaired water(s) (and segment(s), if applicable): Rio Grande, 2-105

Identify the pollutant(s) causing the impairment(s): Pathogens, Temperature

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

Has a Total Maximum Daily Load (TMDL) been completed for any of the identified pollutants? If yes, please list the TMDL pollutants:

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 2021 MSGP, Appendix A)? ☐ Yes ☒ No

Are any of your stormwater discharges subject to effluent limitation guidelines (ELGs) (2021 MSGP Table 1-1)? ☐ Yes ☒ No
If Yes, which guidelines apply?

1.2 Contact Information/Responsible Parties.

Facility Operator(s):

Name: Village of Los Lunas
Address: 1960 Heaton Loop
City, State, Zip Code: Los Lunas, NM 87031
Telephone Number: (505) 352-7675
Email address: byersc@loslunasnm.gov
Fax number: (505) 839-5644
(repeat for multiple operators by copying and pasting the above rows)

Facility Owner(s):

Name: Village of Los Lunas
Address: P.O. Box 1209
City, State, Zip Code: Los Lunas, NM 87031
Telephone Number: (505) 839-3840
Email address: byersc@loslunasnm.gov
Fax number: (505) 839-5644
(repeat for multiple operators by copying and pasting the above rows)

SWPPP Contact(s):

SWPPP Contact Name (Primary): Craig Byers
Telephone number: (505)352-7675
Email address: byersc@loslunasnm.gov
Fax number: (505) 839-5644
SWPPP Contact Name (Backup): Andres Montoya
Telephone number: (505) 463-8072
Email address: montoyaa@loslunas.gov
Fax number: (505) 839-5644

1.3 Stormwater Pollution Prevention Team.

Staff Names	Individual Responsibilities
Craig Byers	Waste Water Treatment Plant Manager, Pollution Prevention Team Leader, modifying SWPPP, NET DMR reporting, directing maintenance, implementing control measures
Andres Montoya	Safety Coordinator, Routine Inspections, Sampling, Maintenance of Control measures
Ruben Moreno	Assistant Plant Supervisor, Routine Inspections, Sampling, Maintenance of control measures

1.4 Site Description.

The Village of Los Lunas has implemented all of the sanitary sewer collection system improvements recommended to allow for the ultimate build-out of the community. The Village's existing wastewater treatment (LLWWTP) consists of an activated sludge plant, constructed in 1981 and a state-of the-art Membrane Bioreactor facility, constructed in 2007. Both treatment plants are operated in parallel, with a common outfall to the Rio Grande. The Village's existing sludge treatment and disposal consists of a gravity belt thickener (GBT), covered aerobic digesters, and 200 acres for final sludge application at a sludge disposal site. Due to the relatively flat terrain, the permeable soil type, and the grass cover, runoff from storm events is reduced to a minimum. Storm events are directed to ponds within the LLWWTP via swales and culverts, to pond areas that infiltrate after storm events.

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

Section 2 will describe all areas at your facility where industrial materials or activities are exposed to stormwater or from which authorized non-stormwater discharges originate. Industrial materials or activities include, but are not limited to: material handling equipment or activities; industrial machinery; raw materials; intermediate products, by-products, final products, and waste products. Material handling activities include, but are not limited to: the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product or waste product. For structures located in areas of industrial activity, you must be aware that the structures themselves are potential sources of pollutants. This could occur, for example, when metals such as aluminum or copper are leached from the structures as a result of acid rain.

For each area identified, the SWPPP must include industrial activities in the area, potential pollutants or pollutant constituents for each identified activity, documentation of where potential spills and leaks could contribute pollutants to stormwater discharges, evaluation of unauthorized non-stormwater discharges, salt storage location, stormwater discharge sampling data and descriptions of stormwater control measures.

2.1 Potential Pollutants Associated with Industrial Activity.

Industrial Activity	Associated Pollutants
Equipment Maintenance	Lubrication Oils and Solvents
Equipment Fueling	Diesel Fuel
Grit/Screening	Pathogens
Sludge Drying Beds	Pathogens
Raw Sewage	Pathogens

2.2 Spills and Leaks.

Areas of Site Where Potential Spills/Leaks Could Occur

Location	Discharge Points
Sludge Thickener Building – Oil Storage and Waste Materials	2, Middle Pond
Sludge Thickener Building – Maintenance Bay	2, Middle Pond
Equipment Diesel Fuel Tank – 500 Gal	2, Middle Pond
MBR Generator Diesel Fuel Tank – 300 Gal	8, SW Pond @ MBR
Blower Building Generator Diesel Fuel Tank – 300 Gal	To Waste Water Treatment Plant
Influent Lines	Dependent on Line Location
Sludge Processing Building Generator Fuel Tank – 700 Gal	Basin 9

Description of Past Spills/Leaks

Date	Description	Discharge Points
6/1/2013	Entrance works Manhole collapsed, replace line into basin	Into soil, soil was removed

2.3 Unauthorized Non-stormwater Discharges Evaluation.

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

- Date of evaluation: 4/8/21
- Description of the evaluation criteria used: Visual Inspection of the site using MSGP Section 1.1.3.1.
- List of the discharge points or onsite drainage points that were directly observed during the evaluation: All inlets were observed and ponds on site were observed.
- 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: New construction of the sludge processing building included rerouting of condensation line drains that drain back to the plant instead of draining outside. Icemaker drain in lab was rerouted to floor drain that discharges to the plant.

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

From Attachment H 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 Salt Storage.

There are no storage piles containing salt within the facility.

2.5 Sampling Data Summary.

No stormwater sampling data was required for previous permit term.

SECTION 3: STORMWATER CONTROL MEASURES (SCM)

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

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

3.1.1 Minimize Exposure.

Most of the facility structures are covered from stormwater exposure, the sludge handling processor will reduce the sludge drying beds use. The runoff from the grit and screening area is routed back to the treatment works. The runoff from buildings and impervious surfaces is directed to various ponds around the site. The MBR emergency generator has an internal 660-gallon diesel fuel storage tank that is double walled and covered from stormwater exposure. The 500-gallon diesel fuel tank south of the sludge thickener building is double walled, the tank is not covered. The sludge processing building emergency generator has an internal 700-gallon diesel fuel tank that is double walled.

- Future improvements for covering exposed materials from the following locations should be considered:
    - Grit, screenings; other solids handling, storage or disposal areas; sludge drying beds; dried sludge piles; compost piles; septage hauled waste receiving station.

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.
- LLWWTP stores commercially prepared herbicide, Ground Clear, and a commercially prepared pesticide for addressing ant issues in the buildings, Amdro, in the generator room of the shop and blower building.
- LLWWTP currently stores new lubricants, solvents, and waste fluids inside the sludge thickener building where containers have secondary containment. There are also floor basins without any outlets for capturing any spills in this room.

- 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 LLWWTP will regularly collect waste materials.
- LLWWTP 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 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.

LLWWTP currently stores new lubricants, solvents, and waste fluids inside a standalone room in the sludge thickener building where containers have secondary containment. There are also floor basins without any outlets for capturing any spills in this room.

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.

- From the SPCC Plan for the Los Lunas Waste Water Treatment Facility:

  The following is a description of the immediate actions to be taken by facility personnel in the event of a discharge to navigable waters or adjoining shorelines [§112.7(a)(3)(iv) and 112.7(a)(5)]:

  1. Shutdown pumping in event of a spill during fuel transfer operation.
  2. Eliminate potential sources of ignition such as open flames or sparks.
  3. If possible, safe, and trained to do so, identify and secure source of the discharge and contain the discharge with sorbents, sandbags, or other material from the spill kits.
     - The main spill kit is in the material storage room in the sludge opposite the fuel dispensers at the fuel storage and transfer area.
     - A spill kit is in the blower building.
     - A spill kit is kept next to the MBR generator.
     - A spill kit is in the Truck with Auxiliary Fuel Tanks.
     - Fuel Supplier delivering fuel has spill kit on their vehicle.

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

3.1.5 Erosion and Sediment Controls.

Exposed areas area kept to a minimum. Ground cover on the facility is open ground with vegetation, paved surfaces, or grass. Due to flat terrain gravity flow velocities are minimized, and result in minimum sediment movement. Building and site runoff is directed to ponds designed for the 100-year, 24 hour storm. Offsite runoff and run on is minimal due to flat topography and location in a river valley. Site has berms around fences that reduce or prevent stormwater movement from entering or leaving the site.

3.1.6 Management of Stormwater.

Instructions (See 2021 MSGP Part 2.1.2.6):

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

Due to the relatively flat terrain, the permeable soil type, and the grass cover, runoff from storm events is reduced to a minimum. Storm events are directed to ponds within the LLWWTP via swales and culverts, to pond areas that infiltrate storm events. There is one outfall, Location 1 in Attachment B, for stormwater runoff out of the LLWWTP site. This 6" PVC pipe outfall discharges to a pond north of the site property. This property is also owned by the Village of Los Lunas. The runoff is retained in this pond and has no further outlet.

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 Numeric Effluent Limitations Based on Effluent Limitations Guidelines (ELGs).

No vehicle washing or maintenance is allowed on the site unless it is done in an area that runs directly back to treatment plant (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 runoff is drained back to the LLWWTP (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.

Regulated Activity	40 CFR Part/Subpart	Effluent Limit
Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas	Part 429, Subpart I	See Part 8.A.8
Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, by-products or waste products (SIC 2874)	Part 418, Subpart A	See Part 8.C.5
Runoff from asphalt emulsion facilities	Part 443, Subpart A	See Part 8.D.5
Runoff from material storage piles at cement manufacturing facilities	Part 411, Subpart C	See Part 8.E.6
Mine dewatering discharges at crushed stone, construction sand and gravel, or industrial sand mining facilities	Part 436, Subparts B, C, or D	See Part 8.J.10
Runoff from hazardous waste landfills	Part 445, Subpart A	See Part 8.K.7
Runoff from non-hazardous waste landfills	Part 445, Subpart B	See Part 8.L.11
Runoff from coal storage piles at steam electric generating facilities	Part 423	See Part 8.O.8
Runoff containing urea from airfield pavement deicing at existing and new primary airports with 1,000 or more annual non-propeller aircraft departures	Part 449	See Part 8.S.9

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

None Applicable.

3.4 Sector-Specific Non-Numeric Effluent Limits.

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 equipment or vehicles, whether within a building or on a paved surface, when oil or grease releases into the environment is a possibility.
- 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.
- From the SPCC Plan for the Los Lunas Waste Water Treatment Facility:

  The following is a description of the immediate actions to be taken by facility personnel in the event of a discharge to navigable waters or adjoining shorelines [§112.7(a)(3)(iv) and 112.7(a)(5)]:

  4. Shutdown pumping in event of a spill during fuel transfer operation.

5. Eliminate potential sources of ignition such as open flames or sparks.
6. If possible, safe, and trained to do so, identify and secure source of the discharge and contain the discharge with sorbents, sandbags, or other material from the spill kits.
    - The main spill kit is in the material storage room in the sludge opposite the fuel dispensers at the fuel storage and transfer area.
    - A spill kit is in the blower building.
    - A spill kit is kept next to the MBR generator.
    - A spill kit is in the Truck with Auxiliary Fuel Tanks.
    - Fuel Supplier delivering fuel has spill kit on their vehicle.

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

4.4 Erosion and Sediment Control.

Not applicable as polymers are not applied to exposed areas.

4.5 Employee Training.

Members of the Pollution Prevention Team as well as inspectors and maintenance personnel on the LLWWTP 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.
    - PETRO Classroom – Certification for petroleum storage tanks.
    - LLWWTP Supervisor has Class A/B Certification
    - LLWWTP Operators have Class C Certification
- 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 – Ground Clear.
  - Plant uses Amdro inside of the buildings for ant problems.

4.6 Inspections and Assessments.

4.6.1 Routine Facility Inspections.

Routine facility inspections will be conducted as part of the daily inspection done by the on duty Plant Operator. These inspections are done twice daily, and the inspections include the entire plant. 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. Though no spills have been reported, any future spill location(s) should be inspected for proper remediation. Once every quarter Attachment C, the Routine Inspection Form, from the MSGP Additional Documents will be completed.

4.6.2 Quarterly Visual Assessment of Stormwater Discharges.

Quarterly Visual assessments will be performed by The Pollution Prevention Team Leader, or designated personnel. Assessment will include the ponds shown on Attachment B. 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 C:
  - 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 D in the Additional MSGP documents has an assessment form in Section D, that is to be used for these quarterly visual assessments of the stormwater. A sample 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 Section does not apply to the LLWWTP.

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

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

4.7 Monitoring.

Check the following monitoring activities applicable to your facility:

☒ Indicator monitoring

☐ Benchmark monitoring

☐ Effluent limitations guidelines monitoring

☐ State- or tribal-specific monitoring

☐ Impaired waters monitoring

☐ Other monitoring required by EPA

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

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

Indicator Monitoring

Other monitoring required by EPA

1. **Sample location(s).** The sample locations for Indicator Monitoring will be at pond 2 and pond 6. Pond 2 represents a similar flow from Pond 1. Pond 6 represents a similar flow to ponds 3, 4 and 6. The other ponds receive similar runoff from the site. The likely sources of pollutants could be fuel or oils from equipment, sediment from runoff, pathogens from screenings or raw sewage, and chemicals used in treatment the treatment process.
2. **Pollutants to be sampled**. The indicator monitoring requirements for Sector T are Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), and pH. The sampling will be taken once a quarter within 12 hours of a runoff event, Sampling Form in Section E of the SWPPP Additional documents will be completed. Due to irregular storm events, if a storm event has not occurred within that quarter, it will be indicated on the form found in Section F of the SWPPP Additional Documents.

3. **Monitoring Schedules.** A sample from runoff at Pond 2 and Pond 6 to be collected once a quarter, during a runoff event or up to 24 hrs after an event. If no event occurs in that quarter, it will be recorded in Section F.
4. **Numeric Limitations**. There are no numeric limits for this plan.
5. **Procedures**. Within 12 Hours of Storm Event:
    1. Stormwater Pollution Team Leader or designated person will take grab sample from Pond 2 and Pond 6. Use form in Section E to document Time, Date, Location, and estimate of storm event precipitation.
    2. Stormwater Pollution Team Leader or designated person will prepare and deliver sample to testing lab Hall Environmental testing labs.
    3. Testing lab will return results to Team Leader for review. Team leader will enter data into SWPPP form found in Section E of additional documents.
    4. The lab results will also be submitted to Net DMR.

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

5.1 Documentation Regarding Endangered Species Act (ESA) Listed Species and Critical Habitat Protection.

The Environmental Information Document, which included biological and cultural resource surveys, was produced in January 2014 and officially accepted by NMED On February 20, 2014. This document can be found in Attachment D. An Environmental Assessment pursuant to the National Environmental Protection Act and State Environmental Review Process was completed for the Sludge Improvements Project, funded by the EPA Clean Water State Revolving Loan Fund program, on the WWTP site and a Finding of No Significant Impact was issued by the New Mexico Environment Department Construction Programs Bureau on May 18, 2017.

5.2 Documentation Regarding National Historic Preservation Act (NHPA)-Protected Properties.

The Environmental Information Document, which included biological and cultural resource surveys, was produced in January 2014 and officially accepted by NMED On February 20, 2014. This document can be found in Attachment F. An Environmental Assessment pursuant to the National Environmental Protection Act and State Environmental Review Process was completed for the Sludge Improvements Project, funded by the EPA Clean Water State Revolving Loan Fund program, on the WWTP site and a Finding of No Significant Impact was issued by the New Mexico Environment Department Construction Programs Bureau on May 18, 2017.

SECTION 6: CORRECTIVE ACTIONS AND ADDITIONAL IMPLEMENTATION MEASURES

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

Corrective Action	Page	Date

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 contained therein. 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: _____ Title: _____

Signature: _____ Date: _____

SECTION 8: SWPPP MODIFICATIONS

SWPPP Modification	Page	Date

SECTION 9: SWPPP AVAILABILITY

Instructions (see 2021 MSGP Part 6.4):

Your current SWPPP (with the exception of any confidential business or restricted information) must be made available to the public. You have three options to comply with the public availability requirements for the SWPPP: attaching your SWPPP to your NOI; providing a URL of your SWPPP in your NOI; or providing the following SWPPP information in your NOI:

- Onsite industrial activities exposed to stormwater, including potential spill and leak areas;
- Pollutants or pollutant constituents associated with each industrial activity exposed to stormwater that could be discharged in stormwater and/or any authorized non-stormwater discharges;
- Stormwater control measures you employ to comply with the non-numeric technology-based effluent limits and any other measures taken to comply with the water quality based effluent limits; and
- Schedule for good housekeeping and maintenance and schedule for all inspections.

SWPPP ATTACHMENTS

Attach the following documentation to the SWPPP:

Attachment A – General Location Map

Attachment B – Site Map

Attachment C – Additional SWPPP Documents

Attachment D – IPAC Species List

Attachment E – Web Soil Survey Soil Map

Attachment F – 2014 Environmental Impact Document

Attachment G – Finalized Hardcopy NOI Documentation

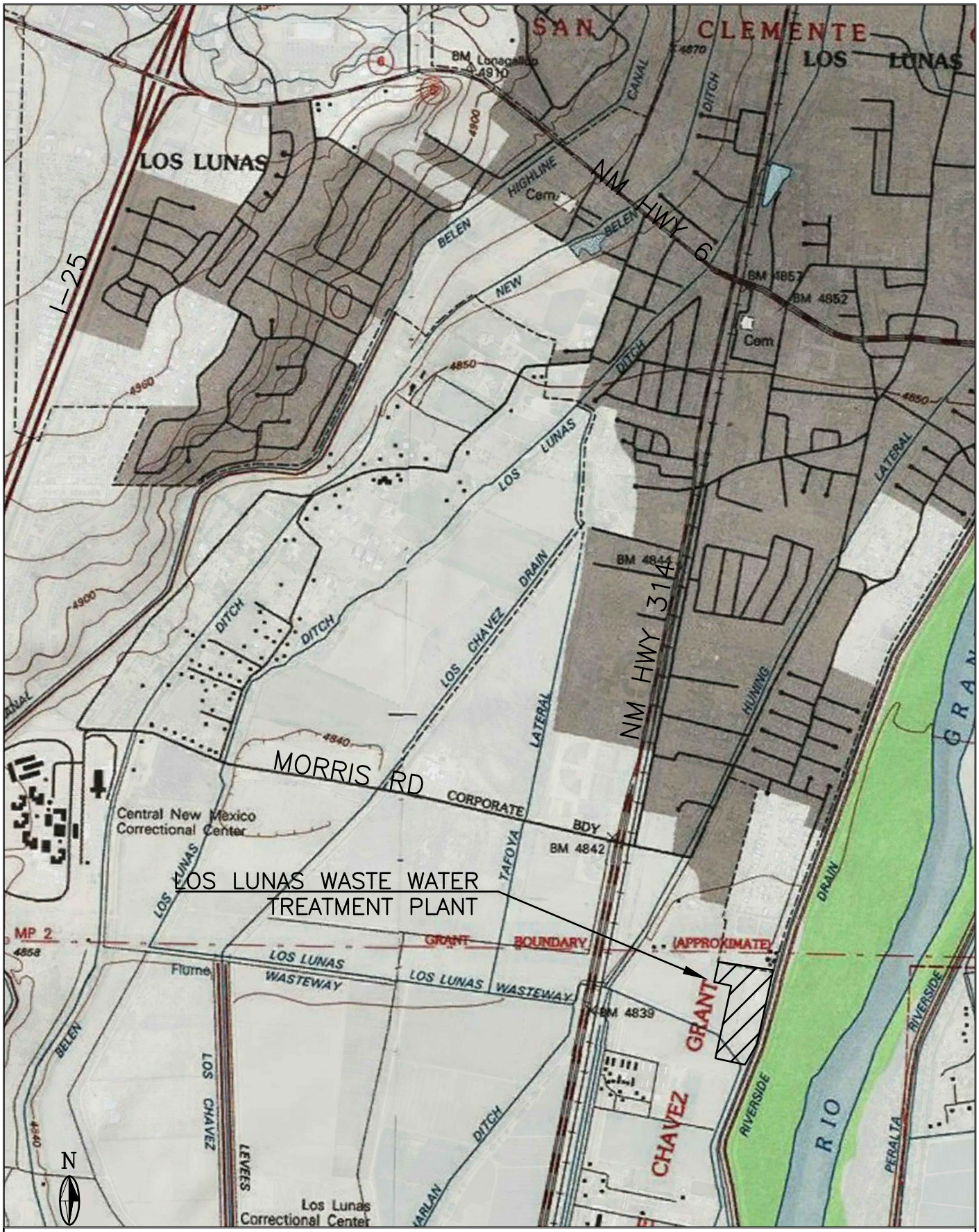
Attachment H – 2021 MSGP

Note: It is helpful to keep a printed-out copy of the 2021 MSGP so that it is accessible to you for easy reference. However, you do not need to formally incorporate the entire 2021 MSGP into your SWPPP. As an alternative, you can include a reference to the permit and where it is kept at the site.

ATTACHMENT A

GENERAL LOCATION MAP

LAST MODIFIED: May 20, 2021 - 3:26pm BY USER: rdurden
DWG: LOCATION: \\MCA-FS\Project\LOS\LUNAS\LLI88-15 LLWWTP SWPPP\DWGS\
DWG: NAME: Attachment-A.dwg



LLWWTP 2021 MSGP SWPPP - Los Lunas, NM

MOLZENCORBIN

Attachment A
SWPPP Location Map

ATTACHMENT B

SITE MAP

LEGEND

DRAINAGE BASIN

FLOW ARROW

FENCE/PROPERTY LINE

LINED SLUDGE HOLDING POND

LINED SLUDGE HOLDING POND

LINED SLUDGE HOLDING POND

BASIN 9

700 GALLON GENERATOR DIESEL FUEL STORAGE TANK

FENCE/PROPERTY LINE

BASIN 5

BASIN 2

BASIN 6

660 GALLON GENERATOR DIESEL FUEL STORAGE TANK

SLUDGE PROCESSING BUILDING

BASIN 7

MBR PLANT

BASIN 4

500 GALLON DIESEL FUEL STORAGE TANK

DIGESTER

BASIN 3

SLUDGE DRYING BEDS ROUTED BACK TO WWTP

SLUDGE DRYING BEDS ROUTED BACK TO WWTP

SLUDGE THICKENER BUILDING

OIL / GRIT SEPERATOR

300 GALLON GENERATOR DIESEL FUEL STORAGE TANK INSIDE BUILDING

BASIN 8

SHOP & BLOWER BUILDING

ACTIVATED SLUDGE PLANT

BASIN 2

BASIN 1

ADMIN & LAB BUILDING

FENCE/PROPERTY LINE

UPPER BELEN RIVERSIDE DRAIN

RIO GRANDE RIVER BANK AREA

CHLORINATION & W.W. PUMP BUILDING

HEATON LOOP (PLANT ENTRANCE)

PROJECT SIGN LOCATION

N

0 20' 50' 100' 200'

1"=100'-0"

INLET AND MONITORING LOCATION

INLET (#)	TYPE
1	6" PVC PIPE
2	6" PVC PIPE
3	4" PVC PIPE
4	6" PVC PIPE
5	6" PVC PIPE
6	6" PVC PIPE
7	6" PVC PIPE
8	6" PVC PIPE
9	4" X 5' SLOTTED DRAIN BACK TO MBR WWTP
10	6" DRAIN BACK TO WWTP
11	2" DRAIN BACK TO WWTP
12	2" DRAIN BACK TO WWTP
13	14"x23" ELLIPTICAL RCP

POND LOCATION

POND ID (#)
1
2
3
4
5
6

PLANT ADDRESS
1960 HEATON LOOP
LOS LUNAS, NM 87031

MOLZENCORBIN

LLWWTP 2021 MSGP SWPPP - Los Lunas, NM

Attachment B
Site Map

ATTACHMENT C

ADDITIONAL SWPPP DOCUMENTS

Attachment C

Additional MSGP Documentation

For:

Los Lunas Waste Water Treatment Plant
1960 Heaton Loop
Albuquerque, NM, 87110
Phone: (505) 352-7675
NMR053548

Contents

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J. Active/Inactive status change 18
K. SWPPP Amendment Log 19
L. Miscellaneous Documentation 20

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 2021 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 4.1.5);
  - Corrective action documentation required per Part 5.3;
  - 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 4.2.2.3.
  - 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 4.2.5.1);
  - 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 4.2.2.5), and/or impaired waters monitoring (see Part 4.2.5.2).
- 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 6.5), 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)

<u>Industrial Equipment and Systems Maintenance Records</u> (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 2021 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	Los Lunas Waste Water Treatment Plan		
NPDES Tracking No.	NMR053548		
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?
❑ Clear ❑Cloudy ❑ Rain ❑ Sleet ❑ Fog ❑ Snow ❑ High Winds
❑ Other: Temperature:

Have any previously unidentified discharges of pollutants occurred since the last inspection? ❑Yes ❑No
If yes, describe:

Are there any discharges occurring at the time of inspection? ❑Yes ❑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	Inlet 1, 6" PVC Pipe	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
2	Pond 1	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
3	Inlet 2, 6" PVC Pipe	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
4	Inlet 3, 4" PVC Pipe	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
5	Pond 2	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
6	Inlet 4, 4" PVC Pipe	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
7	Inlet 5, 4" PVC Pipe	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
8	Pond 3	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ 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
9	Inlet 6, 6" PVC Pipe	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
10	Pond 4	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
11	Inlet 7, 6" PVC Pipe	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
12	Inlet 8, 6" PVC Pipe	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
13	Pond 6	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
14	Inlet 9, 4" x 5' Slotted Drain Back to WWTP	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
15	Inlet 10, 6" Drain Back to WWTP	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
16	Inlet 11, 2" Drain Back to WWTP	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
17	Inlet 12, 2" Drain Back to WWTP.	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	Describe Maintenance and/or Corrective Actions Needed
18		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ 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**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
2	**Equipment operations and maintenance areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
3	**Fueling areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
4	**Outdoor vehicle and equipment washing areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
5	**Waste handling and disposal areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective and operating)?	Maintenance or Corrective Action Needed and Notes
6	**Erodible areas/construction**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
7	**Non-stormwater/ illicit connections**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
8	**Salt storage piles or pile containing salt**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
9	**Dust generation and vehicle tracking**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
10	**Processing areas**	❑Yes ❑No ❑ N/A	❑Yes ❑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**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
12	I**mmediate access roads used or traveled by carriers of raw materials, waste material, or by-products used or created by the facility**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
13	**(Other)**	❑Yes ❑No ❑ N/A	❑Yes ❑No	Describe Maintenance and/or Corrective Actions Needed
14	**(Other)**	❑Yes ❑No ❑ N/A	❑Yes ❑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: Los Lunas Waste Water Treatment Plant NPDES Tracking No. NMR053548

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: Enter date and time

Date & Time Sample Collected: Enter date and time. If sample not taken within first 30 minutes, explain why.

Date & Time Sample Examined: 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 Before Start of This Storm? ☐ Yes ☐ No* (explain):

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 of Stormwater Pollution ☐ No ☐ Yes (describe): _____

* 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 7.2.1).

See attached form for Indicator Monitoring Results NET DMR results.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location If Different)*

NAME

ADDRESS

FACILITY

LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

Form Approved

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM				TO			

NOTE: Read instructions before

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COD_5	SAMPLE										
	PERMIT REQUIREMENT										
pH	SAMPLE										
	PERMIT REQUIREMENT										
TSS	SAMPLE										
	PERMIT REQUIREMENT										
	SAMPLE										
	PERMIT REQUIREMENT										
	SAMPLE										
	PERMIT REQUIREMENT										
	SAMPLE										
	PERMIT REQUIREMENT										
	SAMPLE										
	PERMIT REQUIREMENT										
	SAMPLE										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev. 03-99) *Previous editions may be used.* This is a 4-part form PAGE OF

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 6.5), 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 3.2.4 and 4.1.5 of the 2021 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 5.1.1 or 5.1.2 of the 2021 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 2021 MSGP).

Description of Condition: Insert description of condition trigering 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

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 5.1.2 and 4.2.2.3),
- (2) a finding that the exceedance was due to natural background pollutant levels (Part 4.2.2.3),
- (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 4.2.2.3 of the 2021 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 4.2.5.1 of the 2021 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 it 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 D

WEB SOIL SURVEY SOIL MAP

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Valencia County, New Mexico, Eastern Part

Los Lunas Waste Water Treatment Plant

December 10, 2021

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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Gk—Gila clay loam..... 11
Gt—Glendale soils, slightly saline..... 12
Mn—Mixed alluvial land..... 14
Vd—Vinton loamy fine sand..... 15
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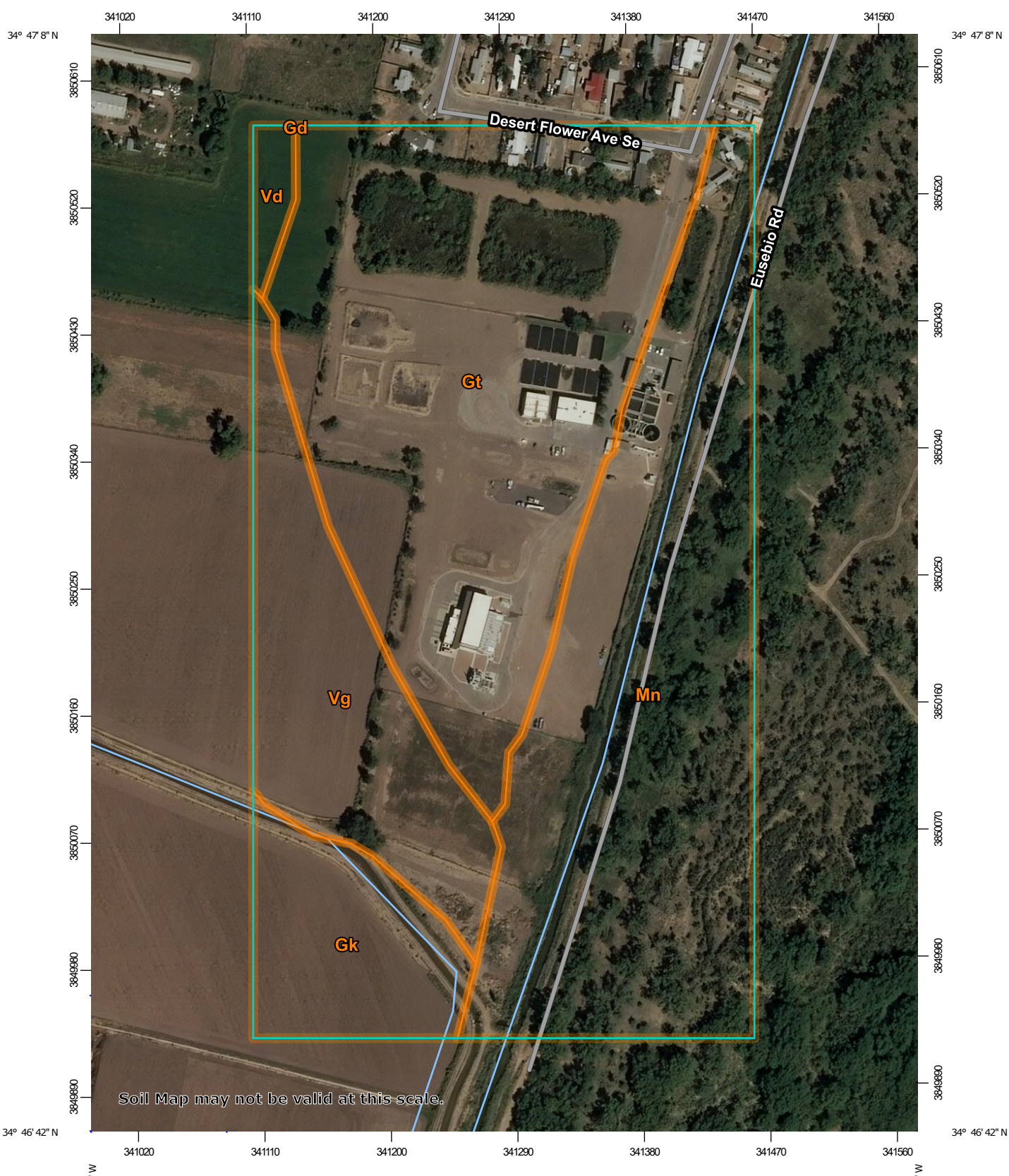
Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:3,790 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Valencia County, New Mexico, Eastern Part
Survey Area Data: Version 16, Sep 12, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Gd	Gila loam, 0 to 1 percent slopes mlra 42-1	0.0	0.0%
Gk	Gila clay loam	4.8	8.3%
Gt	Glendale soils, slightly saline	23.2	40.5%
Mn	Mixed alluvial land	20.4	35.8%
Vd	Vinton loamy fine sand	0.7	1.2%
Vg	Vinton loam	8.1	14.2%
Totals for Area of Interest		**57.2**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Valencia County, New Mexico, Eastern Part

Gd—Gila loam, 0 to 1 percent slopes mlra 42-1

Map Unit Setting

National map unit symbol: 2tm57
Elevation: 4,720 to 6,000 feet
Mean annual precipitation: 7 to 10 inches
Mean annual air temperature: 54 to 60 degrees F
Frost-free period: 165 to 185 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Gila and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Gila

Setting

Landform: Flood plains
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Coarse-loamy alluvium derived from igneous, metamorphic and sedimentary rock

Typical profile

Ap - 0 to 10 inches: loam
C1 - 10 to 18 inches: gravelly fine sandy loam
C2 - 18 to 33 inches: loam
C3 - 33 to 42 inches: loamy fine sand
C4 - 42 to 54 inches: fine sandy loam
C5 - 54 to 64 inches: silt loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 2 percent
Gypsum, maximum content: 2 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: B
Ecological site: R042XA057NM - Bottomland
Hydric soil rating: No

Minor Components

Agua
Percent of map unit: 5 percent

Brazito
Percent of map unit: 3 percent

Glendale
Percent of map unit: 2 percent

Gk—Gila clay loam

Map Unit Setting
National map unit symbol: 1w1v
Elevation: 4,720 to 4,950 feet
Mean annual precipitation: 7 to 10 inches
Mean annual air temperature: 54 to 57 degrees F
Frost-free period: 165 to 185 days
Farmland classification: Farmland of statewide importance

Map Unit Composition
Gila and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Gila

Setting
Landform: Flood plains, alluvial flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Recent alluvium

Typical profile
H1 - 0 to 10 inches: clay loam
H2 - 10 to 60 inches: stratified gravelly sandy loam to silt loam

Properties and qualities
Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: About 48 to 60 inches
Frequency of flooding: None

Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: High (about 10.4 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R042XA052NM - Loamy
Hydric soil rating: No

Minor Components

Agua

Percent of map unit: 4 percent
Ecological site: R042XA057NM - Bottomland
Hydric soil rating: No

Glendale

Percent of map unit: 3 percent
Ecological site: R042XA055NM - Salty Bottomland
Hydric soil rating: No

Gila

Percent of map unit: 3 percent
Ecological site: R042XA057NM - Bottomland
Hydric soil rating: No

Gt—Glendale soils, slightly saline

Map Unit Setting

National map unit symbol: 1w21
Elevation: 4,720 to 4,950 feet
Mean annual precipitation: 7 to 10 inches
Mean annual air temperature: 54 to 57 degrees F
Frost-free period: 165 to 185 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Glendale and similar soils: 50 percent
Glendale and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Glendale

Setting

Landform: Flood plains, alluvial flats
Landform position (three-dimensional): Talf

Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Recent alluvium

Typical profile

H1 - 0 to 7 inches: clay loam
H2 - 7 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: About 24 to 48 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: High (about 11.4 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R042XA057NM - Bottomland
Hydric soil rating: No

Description of Glendale

Setting

Landform: Flood plains, alluvial flats
Landform position (three-dimensional): Talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Recent alluvium

Typical profile

H1 - 0 to 7 inches: loam
H2 - 7 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: About 24 to 48 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: High (about 11.0 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R042XA057NM - Bottomland
Hydric soil rating: No

Minor Components

Gila

Percent of map unit: 5 percent
Ecological site: R042XA052NM - Loamy
Hydric soil rating: No

Belen

Percent of map unit: 5 percent
Ecological site: R042XA055NM - Salty Bottomland
Hydric soil rating: No

Mn—Mixed alluvial land

Map Unit Setting

National map unit symbol: 1w2k
Elevation: 4,720 to 4,950 feet
Mean annual precipitation: 7 to 10 inches
Mean annual air temperature: 54 to 57 degrees F
Frost-free period: 165 to 185 days
Farmland classification: Not prime farmland

Map Unit Composition

Fluvaquents: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Fluvaquents

Setting

Landform: Stream terraces, flood plains
Landform position (three-dimensional): Tread, talf
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Mixed alluvium

Typical profile

C - 0 to 60 inches: stratified sand to sandy loam to loam to silt loam to silt

Properties and qualities

Slope: 0 to 2 percent
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to very high (0.06 to 20.00 in/hr)

Depth to water table: About 0 inches
Frequency of ponding: Frequent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 5w
Ecological site: R042XA055NM - Salty Bottomland
Hydric soil rating: Yes

Vd—Vinton loamy fine sand

Map Unit Setting

National map unit symbol: 1w36
Elevation: 4,720 to 6,000 feet
Mean annual precipitation: 7 to 10 inches
Mean annual air temperature: 54 to 60 degrees F
Frost-free period: 165 to 210 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Vinton and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Vinton

Setting

Landform: Stream terraces, flood plains
Landform position (three-dimensional): Tread, talf
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Alluvium derived from igneous, metamorphic and sedimentary rock

Typical profile

H1 - 0 to 8 inches: loamy fine sand
H2 - 8 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: About 48 to 60 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 4.8 inches)

Interpretive groups
Land capability classification (irrigated): 3s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R042XA054NM - Deep Sand
Hydric soil rating: No

Minor Components

Gila
Percent of map unit: 5 percent
Ecological site: R042XA057NM - Bottomland
Hydric soil rating: No

Bluepoint
Percent of map unit: 5 percent
Ecological site: R042XA054NM - Deep Sand
Hydric soil rating: No

Vg—Vinton loam

Map Unit Setting
National map unit symbol: 1w39
Elevation: 4,720 to 4,950 feet
Mean annual precipitation: 7 to 10 inches
Mean annual air temperature: 54 to 57 degrees F
Frost-free period: 165 to 185 days
Farmland classification: Farmland of statewide importance

Map Unit Composition
Vinton and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Vinton

Setting
Landform: Stream terraces, flood plains
Landform position (three-dimensional): Tread, talf
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Alluvium derived from igneous, metamorphic and sedimentary rock

Typical profile
H1 - 0 to 11 inches: loam
H2 - 11 to 60 inches: loamy sand

Properties and qualities
Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: About 48 to 60 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): 3s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: B
Ecological site: R042XA051NM - Sandy
Hydric soil rating: No

ATTACHMENT E

2014 ENVIRONMENTAL IMPACT DOCUMENT

A hardcopy EID is available in the On-Site SWPPP.

ATTACHMENT F

FINALIZED HARDCOPY NOI DOCUMENTATION

NPDES FORM 3510-6	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY UNDER THE NPDES MULTI-SECTOR GENERAL PERMIT	FORM Approved OMB No. 2040-0004

Permit Information

Master Permit Number: NMR050000

NPDES ID: NMR053548

Eligibility Information

State/territory where your facility is discharging: NM

Does your facility discharge to federally recognized Indian Country lands? No

Are you a *"Federal Operator"* as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_a_-_definitions.pdf)?

No

Which type of form would you like to submit? Notice of Intent (NOI)

By indicating "Yes" below, I confirm that I understand that the MSGP only authorizes the stormwater discharges in Part 1.1.2 and the allowable non-stormwater discharges listed in Part 1.2.2. 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 1.2.1. and 1.2.2. will be discharged, they must be covered under another NPDES permit.

Yes

Are you a new discharger or a new source as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_a_-_definitions.pdf)?

No

- **Have stormwater discharges from your facility been covered previously under an NPDES permit?** Yes
  - **If yes, provide your most current NPDES ID (i.e., permit tracking number) if you had coverage under EPA's MSGP or the NPDES permit number if you had coverage under an EPA individual permit:**

    NMR053548
- **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/2021-01/documents/2021_msgp_-_appendix_l_-_list_of_tier_3_tier_2_and_tier_2.5_waters.pdf))**

  No

Do you anticipate the discharge of groundwater or spring water from your facility? No

What is the legal name of the Operator as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_a_-_definitions.pdf)?

VILLAGE OF LOS LUNAS

What is the name of your facility or activity as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_a_-_definitions.pdf)?

LOS LUNAS WASTE WATER TREATMENT PLAT

Operator Information

Operator Information

Operator Name: VILLAGE OF LOS LUNAS

Operator Mailing Address

Address Line 1: 660 Main St.

Address Line 2:

City: Los Lunas

ZIP/Postal Code: 87031

State: NM

County or Similar Division: Valencia

Operator Point of Contact Information

First Name Middle Initial Last Name: Craig Byers

Title: WWTP Manager

Phone: 505-352-7675 **Ext.:**

Email: byersc@loslunasnm.gov

NOI Preparer Information

☑ **This NOI is being prepared by someone other than the certifier.**

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: LOS LUNAS WASTE WATER TREATMENT PLAT

Facility Address

Address Line 1: 1960 HEATON LOOP

Address Line 2: PO BOX 1209

City: LOS LUNAS

ZIP/Postal Code: 87031

State: NM

County or Similar Division: Valencia

Latitude/Longitude for the Facility

Latitude/Longitude: 34.783649°N, 106.733573°W

Latitude/Longitude Data Source: GPS

Horizontal Reference Datum: NAD 83

General Facility Information

What is the ownership type of the facility? Municipality

Estimated area of industrial activity at your facility exposed to stormwater (rounded to the nearest quarter acre): 18

Is your facility presently inactive and unstaffed? No

Exception for Inactive and Unstaffed Facilities: The requirement for indicator monitoring, impaired waters monitoring, and/or benchmark monitoring does not apply at a facility that is inactive and unstaffed, as long as there are no industrial materials or activities exposed to stormwater.

If circumstances change during the permit term that affect your qualifications for this exception to monitoring requirements (i.e. industrial materials or activities exposure to stormwater or your facility's active/inactive and staffed/unstaffed status) you must submit a NOI notifying EPA of the change in circumstances.

Sector-Specific Information

Primary Sector: T **Primary Subsector:** T1

Primary Activity Code: TW

Discharge Information

By indicating "Yes" below, I confirm that I understand that the MSGP only authorizes the stormwater discharges in Part 1.2.1 and the allowable non-stormwater discharges listed in Part 1.2.2. 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 authorized stormwater and non-stormwater discharges listed in Parts 1.2.1 and 1.2.2 will be discharged, they must be covered under another NPDES permit.

Yes

Other Discharge Information

Do you anticipate the discharge of groundwater or spring water from your facility? No

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

Receiving Waters Information

List all of the stormwater discharge points from your facility.

Discharge Point 001:

Applicable Sectors

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

	Sector	Subsector	SIC/Activity Code
☑	**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.	TW

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 this discharge point.

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

Latitude/Longitude: 34.783813°N, 106.733234°W

☐ **This discharge point is *Substantially Identical* to an existing discharge point.**

Receiving Water

GNIS Name: Rio Grande

Waterbody Name: RIO GRANDE (RIO PUERCO TO ISLETA PUEBLO BND)

Listed Water ID: NM-2105_40

Is this receiving water saltwater or freshwater? Freshwater

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

Will you have stormwater discharges from paved surfaces that will be initially sealed or re-sealed with coal-tar sealcoat where industrial activities are located during coverage under this permit?

No

Benchmark Monitoring

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

Impaired Waters Monitoring

NOTE: The information automatically populated in this section may be outdated and inaccurate (i.e. determining if the receiving water is listed as impaired on the 303(d) list, the cause(s) of the impairment if impaired, the pollutant(s)). It is recommended that you consult with your state's guidance for discharges into impaired waters to determine whether the receiving water is listed as impaired and, if so, the correct causes for the impairment and pollutant(s), and update the information accordingly.

Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? Yes

Cause of Impairment Group	Pollutant
TEMPERATURE	N/A

Has a TMDL been completed for this receiving waterbody? Yes

TMDL ID	Cause of Impairment Group	Pollutant
38857	PATHOGENS	E. coli

SWPPP Information

Has the SWPPP been prepared in advance of filing this NOI, as required? Yes

SWPPP Contact Information:

First Name **Middle Initial** **Last Name:** Craig Byers

Phone: 5053527675 **Ext.:**

Email: byersc@loslunasnm.gov

SWPPP Availability:

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

Note: you are not required to post any confidential business information (CBI) or restricted information (as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_a_-_definitions.pdf)) (such information may be redacted), but you must clearly identify those portions of the SWPPP that are being withheld from public access.

☐ **Option 1: Attach a current copy of your SWPPP to this NOI.**

☑ **Option 2: Maintain a Current Copy of your SWPPP on an Internet page (Universal Resource Locator or URL).**

Provide the web address URL (e.g. http://www.example.com): http://www.loslunasnm.gov/679/Waste-Water-Treatment-Plant-Division

☐ **Option 3: Provide the following information from your SWPPP:**

Endangered Species Protection Worksheet: Criterion A

The following questions will help you determine your eligibility under Part 1.1.4 of the permit with respect to protection of Endangered Species Act (ESA) species and critical habitat(s). Please refer to Appendix E (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_e_-_procedures_relating_to_endangered_species_protection.pdf) of the 2021 MSGP for important information regarding your obligations under this permit concerning ESA-protected species and critical habitat(s).

Determine ESA Eligibility Criterion

Are your industrial activities already addressed in another operator's valid certification of eligibility for your "action area" under eligibility criteria A, C, D, or E of the 2021 MSGP?

No

Are your industrial activities the subject of a permit under section 10 of the ESA by the USFWS and/or NMFS, and this authorization addresses the effects of your facility's discharges and discharge-related activities on ESA-listed species and critical habitat?

No

You must determine whether species listed as either threatened or endangered under the Endangered Species Act, and/or their critical habitat are located in your facility's action area. ESA-listed species and critical habitat are under the purview of the NMFS and the USFWS.

Determine Your Action Area

Your "action area" (as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_a_-_definitions.pdf)) includes all areas to be affected directly or indirectly by the action and not merely the immediate area involved in the action, including areas beyond the footprint of the facility that are likely to be affected by stormwater discharges, discharge-related activities, and authorized non-stormwater discharges. You must select and confirm that all the following are true:

➔ **In determining my "action area", I have considered that discharges of pollutants into downstream areas can expand the action area well beyond the footprint of my facility and the discharge point(s). I have taken into account the controls I will be implementing to minimize pollutants and the receiving waterbody characteristics (e.g. perennial, intermittent, ephemeral) in determining the extent of physical, chemical, and/or biotic effects of the discharges. I confirm that all receiving waterbodies that could receive pollutants from my facility are included in my action area.**

True

➔ **In determining my "action area", I have considered that discharge-related activities must also be accounted for in determining my action area. I understand that discharge-related activities are any activities that cause, contribute to, or result in stormwater and authorized non-stormwater point source discharges, and measures such as the siting, construction, and operation of stormwater controls to control, reduce, or prevent pollutants from being discharged. I understand that any new or modified stormwater controls that will have noise or other similar effects, and any disturbances associated with construction of controls, are part of my action area.**

True

Provide a written description of your action area and explain your rationale for the extent of the action area drawn on your map. Click here for an example.

The action area for the LLWWTP's storm water discharges extends from the discharge point(s) of Ponds 1-6 to the bank of the Upper Belen Riverside Drain. The downstream limit of the action area reflects the approximate distance at which the discharge and any pollutants would be expected to cause potential adverse effects to ESA-listed species and/or critical habitat because of storm water runoff from the site is unable to breach the Upper Belen Riverside Drain. The action area does not extend to the Rio Grande because they are not hydraulically connected, and would only be hydraulically connected if a major flooding event greater than the 100 year occurred.

Attach a map of the action area for your facility. Mapping tool IPaC (the Information, Planning, and Consultation System) located at http://ecos.fws.gov/ipac/ (https://ecos.fws.gov/ipac/) or click here (/net-msgp/documents/action_area_example.pdf) for an example.

Name	Uploaded Date	Size
Attachment-A.pdf (attachment/712611)	05/20/2021	1.31 MB

Determine if ESA-listed species and/or critical habitat are in your facility's action area.

ESA-listed species and critical habitat are under the purview of the NMFS and the USFWS, and in many cases, you will need to acquire species and critical habitat lists from both federal agencies.

National Marine Fisheries Service (NMFS)

To obtain NMFS-listed species and critical habitat information, use the resources listed below:

General Resources:
- NOAA Fisheries, Regions Page (https://www.fisheries.noaa.gov/regions)

For the Northeastern U.S.:
- NOAA Fisheries Greater Atlantic Region ESA Section 7 Mapper (https://noaa.maps.arcgis.com/apps/webappviewer/index.html?id=1bc332edc5204e03b250ac11f9914a27)

For Puerto Rico:
- *Acropora* critical habitat map (https://www.fisheries.noaa.gov/resource/map/acropora-elkhorn-and-staghorn-coral-critical-habitat-map-and-gis-data)
- Green turtle critical habitat map (https://www.fisheries.noaa.gov/resource/map/green-turtle-critical-habitat-map-and-gis-data)
- Hawksbill Turtle critical habitat map (https://www.fisheries.noaa.gov/resource/map/hawksbill-turtle-critical-habitat-map-and-gis-data)

Western U.S.:
- West Coast Region Protected Resources App (https://www.webapps.nwfsc.noaa.gov/portal/apps/webappviewer/index.html?id=7514c715b8594944a6e468dd25aaacc9)

Pacific Islands:
- Contact the Pacific Islands Regional Office at (808) 725-5000 or pirohonolulu@noaa.gov (mailto:pirohonolulu@noaa.gov)

I have checked the webpages listed above and confirmed that: There are no NMFS-listed species and/or critical habitat in my action area.

U.S. Fish and Wildlife Service (USFWS)

To obtain FWS-listed species and critical habitat information, use the resources listed below:

- IPaC (the Information, Planning, and Consultation System) (https://ecos.fws.gov/ipac/)
- For instructions for using IPaC, click here.

I have checked the webpages listed above and confirmed that: There are no FWS-listed species and/or critical habitat in my action area.

You are eligible under **Criterion A**

Identify the USFWS and NMFS information sources used (Note: state resources are not acceptable):

The Nation Marine Fisheries Service did not have any information related to the action area for the LLWWTP. The plant is adjacent to the Rio Grande in New Mexico, and not directly connected to any fisheries or oceans. The USFWS IPAC system was used to determine that there is not any critical habitat listed for the LLWWTP.

You must attach copies of any letters or other communications with the USFWS or NMFS. Attaching aerial image(s) of the site to this NOI is helpful to EPA, USFWS, and NMFS in confirming eligibility under this criterion.

Name	Uploaded Date	Size
LLWWTP IPAC Species List.pdf (attachment/712644)	05/20/2021	761.08 KB
LLWWTP AERIAL_IMG.jpg (attachment/712645)	05/20/2021	1.51 MB

Historic Preservation: Criterion A

The following questions will help you determine your eligibility under Part 1.1.5 of the permit with respect to preservation of historic properties. You may still use the paper instructions in Appendix F (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_f_-_procedures_relating_to_historic_properties_preservation.pdf) of the MSGP in advance or in conjunction with answering the questions in this section of the form. For more information about your State Historic Preservation Office (SHPO) or Tribal Historic Preservation Office (THPO), please visit the National Park Service (NPS) websites at:

- **State Historic Preservation Office (SHPO) (https://www.nps.gov/subjects/nationalregister/state-historic-preservation-offices.htm)**
- **Tribal Historic Preservation Office (THPO) (https://www.nps.gov/history/tribes/Tribal_Historic_Preservation_Officers_Program.htm)**

Are you an existing facility that is resubmitting for certification under the 2021 MSGP? Yes

➔ **If you are an existing facility you should have already addressed National Historic Preservation Act (NHPA) issues. To gain coverage under the 2015 MSGP, you were required to certify that you were either not affecting historic properties or had obtained written agreement from the relevant SHPO or THPO regarding methods of mitigating potential impacts.**

Will you be constructing or installing any new stormwater control measures? No

You are eligible under **Criterion A**.

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: Craig Byers

Certifier Title:

Certifier Email: byersc@loslunasnm.gov

Certified On: 05/25/2021 8:41 AM ET

ATTACHMENT G

2021 MSGP

https://www.epa.gov/npdes/stormwater-discharges-industrial-activities-epas-2021-msgp