Parkhill

STORMWATER POLLUTION PREVENTION PLAN

SANDOVAL COUNTY LANDFILL

SWPPP

Rio Rancho, NM

May | 2021

Parkhill Project # 01802320

TABLE OF CONTENTS

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

TABLE OF CONTENTS

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Purpose

This Stormwater Pollution Prevention Plan (the "Plan") for the Sandoval County Landfill ("the Landfill") has been developed to satisfy the Permit requirements listed in the *United States Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) Multi-Sector General Permit (MSGP) for Industrial Activities*. The 2021 MSGP, included as **Appendix A**, should be reviewed and consulted as needed for guidance and specific questions regarding compliance requirements. The industry-specific requirements for landfills are presented in **Part 8.L** of the **MSGP**. In addition to the development of a plan, general permits for stormwater discharges associated with industrial activity require the submission of a Notice of Intent (NOI) prior to the authorization of such discharges. A copy of the 2021 NOI, data used to prepare the NOI, and EPA correspondence are maintained in **Appendix B**. The purpose of this Plan is to:

- Identify potential sources of pollution, which may reasonably be expected to affect the quality of stormwater discharges from the Landfill.
- Assure compliance with the terms and conditions of the 2021 MSGP for industrial activities.
- Describe and ensure implementation of practices (i.e., inspections, monitoring, and reporting) which will be used to reduce the pollutants in stormwater discharges from the Landfill.

This Plan was developed to comply with the following Permit requirements:

- **MSGP Parts 1 – 7**: Stormwater Pollution Prevention Requirements
- **MSGP Part 8.L**: Landfills, Land Application Sites, and Open Dumps
- **MSGP Part 9.6.2**: State of New Mexico, except Indian Country lands

For ease of review, when referencing applicable Parts of the 2021 MSGP, the format denoted above will be used throughout this Plan (e.g., **MSGP Part 8.L**).

1.2 Plan Review and Plan Availability

A copy of this Plan will be maintained at the Landfill at all times and is required to be reviewed by the Pollution Prevention Team (Section 2.0). It will also be available upon request to the USEPA and/or their authorized representatives, and the state or local agency approving stormwater management plans. The Plan will be available to members of the public through the internet. In addition, this Plan or other information will be made available to the following upon request or at the time of an on-site inspection:

- U.S. Fish and Wildlife Service
- National Marine Fisheries Service

Copies of this Plan, all reports and certifications required by the 2021 MSGP, and supporting documentation will be retained at the Landfill for a period of at least 3 years from the date the Landfill's coverage under the 2021 MSGP expires or is terminated.

1.3 Sandoval County Landfill

The landfill is owned and operated by the Sandoval County Public Works Department. The landfill is permitted to accept municipal solid waste (MSW), construction and demolition waste (C&D), petroleum contaminated soils (PCS), municipal wastewater treatment plant sludge, and materials for diversion and recycling.

1.4 Maintaining an Updated Plan

This Plan is an active and evolving document that will be amended by the Pollution Prevention Team (Section 2.0) based on the following criteria:

1. If there is a change in design, construction, operation, or maintenance at the Landfill which has a significant effect on the discharge or potential for discharge of pollutants from the site.
2. To correct deficiencies identified during inspections by the Pollution Prevention Team or by federal, state, and local officials who determine that the Plan is ineffective in achieving the general objectives of controlling discharges of pollutants from the Landfill.
3. If there is a change in Landfill operations that may affect stormwater discharge or potential discharge of pollutants from the site.

1.5 Consistency with Existing Environmental Management Plans

Certain related environmental management plans may contain provisions for managing stormwater. In some cases, it may be possible to build on elements of these plans that are relevant to stormwater pollution prevention. The Pollution Prevention Team has the responsibility to incorporate these provisions into the Plan. Examples of compatible environmental management plans include, but are not limited to, the following:

- Preparedness, Prevention, and Contingency Plans
- Spill Prevention Control and Countermeasure (SPCC) Plan (May 2021)
- NPDES Toxic Organic Management Plan
- OSHA Emergency Action Plan
- Landfill Management Plans (Solid Waste Permit Application, Updated April 2015)
- Updated Landfill Management Plans (as applicable)

If any of these plans are required for the landfill, their provisions must be compatible with the requirements of the 2021 MSGP and this Plan.

1.6 Permit Coverage Sign Postage

A sign of permit coverage shall be posted at a safe, publicly accessible location in close proximity to the facility (see **MSGP Part 1.3.5)**, unless prohibited by local ordinances or other laws. The sign shall use font sizes large enough to be readily viewed from the public right-of-way. Facility staff shall perform periodic maintenance of the sign to ensure that it remains legible, visible, and factually correct. At a minimum, the sign shall include:

- *Sandoval County Landfill* is permitted for industrial stormwater discharges under the U.S. EPA's Multi-Sector General Permit (MSGP)
- NPDES ID number
- Contact phone number for obtaining additional facility information
- The Uniform Resource Locator for the SWPPP
- To report observed indicators of stormwater pollution, contact EPA at https://www.epa.gov/npdes/contact-us-stormwater#regional

2.0 POLLUTION PREVENTION TEAM

2.1 Team Purpose

The Pollution Prevention Team (the "Team") consists of members who are responsible for assisting in developing this Plan and aiding the Landfill in its implementation, maintenance, and revision. Team responsibilities include, but are not limited to, assessment of:

- Potential pollutant sources
- Existing and planned best management practices (BMPs)
- Spill prevention and response procedures
- Employee training
- Annual Plan evaluation

2.2 Contact Information

The Landfill Manager is the point of contact for Landfill personnel; Team members; and regulatory officials who wish to discuss the Plan, obtain information concerning spill events, or conduct inspections. The Manager will be familiar with all phases of Landfill operations to ensure that potential sources of pollution are considered during Plan implementation and periodic evaluations of the Plan.

Mr. Chris Perea
Landfill Manager
2708 Iris Road
Rio Rancho, NM 87144
Phone: 505.867.0814
Email: cperea@sandovalcountynm.gov

2.3 Pollution Prevention Team

The Team is responsible for ensuring that the components of this Plan are implemented, maintained, and revised, as necessary. Team members will conduct inspections, perform necessary monitoring and sampling, respond to spill events, maintain existing BMPs, conduct employee training for new employees, and direct at regular intervals (at least annually) employee training. A checklist summarizing the scope and schedule for routine facility inspections, monitoring, and recordkeeping is presented in **Appendix C, Attachment 1**.

Team members will meet with the Manager at regular intervals (at least annually) and will evaluate and modify the Plan following significant spill events (if any) or as needed. Each member of the Team will have ready access to this Plan and is required to read it. In the event a Team member needs to be replaced; the Landfill Manager will make an appointment. If a permanent replacement cannot be appointed immediately, the current Team members will assume the responsibilities during the interim. A current Team roster, including member responsibilities, is provided as **Appendix C**, **Attachment 2**. This list will be updated annually at a minimum, or more frequently if needed.

In addition, the Team will direct the evaluation and modification of the Plan as needed. Plan modifications may include, but are not limited to:

- Relocation or alteration of active fill face or maintenance areas
- BMP revisions
- Evaluation and alteration of drainage patterns
- Addition of structural and non-structural control measures
- Documentation of any significant spills and leaks
- Identification of potential spills or leaks

3.0 FACILITY INFORMATION

3.1 Site Location

The Sandoval County Landfill is located at 2708 Iris Road, Rio Rancho New Mexico. A general location map identifying the Landfill is provided as **Figure 1.**

3.2 Active/Inactive Status

During the 2021 MSGP term, if the Landfill becomes inactive and/or unstaffed, and there are no industrial materials or activities that are exposed to stormwater, then EPA must be notified of this change with a modified NOI. The form must be submitted to EPA electronically via the EPA's electronic NPDES eReporting tool (NeT) unless the permit states otherwise or unless a waiver has been granted for a paper form. A link to the eNOI system is provided below:

https://www.epa.gov/npdes/stormwater-discharges-industrial-activities#ereporting

Appendix C, Attachment 3 contains the form that must be submitted to EPA documenting this change in operational status. If a waiver has been granted, the modified NOI may be submitted to the following address:

Stormwater Notice Processing Center (4203M)
USEPA
1200 Pennsylvania Avenue, NW
Washington, DC 20460
(202) 564-9545

A copy of the completed certified form and EPA's response must be maintained in **Appendix C, Attachment 3.** This documentation must be retained in the Plan for a period of at least 3 years from the date the Landfill's coverage under the 2021 MSGP expires or is terminated. An inactive/unstaffed site is exempt from Monthly Facility Inspections (Section 5.1), Quarterly Visual Assessment Monitoring (Section 5.2), Indicator Monitoring (Section 5.3), and Effluent Limitations Monitoring (Section 5.4). However, the Landfill must still be inspected on a quarterly basis consistent with the procedures outlined in Section 5.1 and include inspections of cover stabilization and structural erosion control measures, as well as leachate collection and treatment systems. Annual Reporting (Section 5.5) must remain in place.

3.3 Site Description

The Sandoval County Landfill is a solid waste disposal facility, permitted by the New Mexico Environment Department (NMED) Solid Waste Bureau (SWB) to accept municipal solid waste (MSW), petroleum contaminated soils (PCS), and wastewater treatment plant (WWTP) sludge. The landfill provides solid waste disposal services to both public and private waste haulers and operates a convenience center for local citizens (self-haul) to dispose of household MSW. MSW is disposed of in lined cells and covered at the end of each day with a minimum of 6 inches of suitable, on-site cover soil (daily cover soil). PCS and WWTP sludge are not currently accepted at the Landfill, with no plans to accept these waste streams in the immediate future. The Landfill does not accept hazardous wastes.

As shown in **Figure 2**, the Sandoval County Landfill currently consists of three separate disposal areas:

- Unit I – Occupies approximately 29.4 acres, and is underlain by a natural soil liner, consistent with the standards in effect at that time.
- Unit II – Located adjacent to and directly west of Unit I. Total area for Unit II is approximately 19.5 acres and encompasses Cells 1 through 3B. All Unit II cells are equipped with an engineered liner and leachate collection system.
- Unit III – Occupies approximately 63.6 acres, is completely lined, and contains waste deposited since 2005.

Future plans include the construction of Unit IV. This planned disposal area, which is both a lateral and vertical expansion, will overlap Units I, II, and III. **Figure 2** provides the locations of structures and activities associated with general landfill operations (identified as Location Nos.). **Table 3.1** provides the activity conducted at each location, and detailed descriptions of the operation associated with the Landfill are provided in Sections **3.4-3.6**.

TABLE 3.1
Structures and Activities
Sandoval County Landfill

- **Scale house (Location No. 1)** – Vehicle arrivals (refuse delivery, employee security, utility, etc.) are logged at this location. Incoming vehicles are then directed to the appropriate destination, depending on waste type and purpose of entry.
- **Convenience Center (Location No. 2)** – Roll-off containers positioned at this location are used by self-haulers (i.e., private citizens) for MSW disposal.
- **Convenience Recycling Area (Location No. 3)** – Waste bins used for the acceptance of source-separated materials for diversion such as plastic, paper, aluminum, etc.
- **Former Recycling Center (Location No. 4)** – Former location for Sandoval County recycling center. Currently an additional storage area for empty roll-off containers.
- **Storage Sheds (Location No. 5)** – Sheds placed at various locations throughout the facility for storage of miscellaneous tools, parts, supplies, etc.
- **Spotter's Shed (Location No. 6)** – Shed used for weather protection by Landfill staff at the Convenience Center.
- **Employee Breakroom (Location No. 7)** – Trailer used for employee breakroom/lounge.
- **Sandoval County Public Works Offices (Location No. 8)** – Offices for Sandoval County Public Works Department.
- **Sandoval County Roads and Maintenance Building/Equipment Parking Area (Location No. 9)** – A full-service facility for the maintenance, repair, and parking of Sandoval County vehicles.
- **Maintenance Building Catch Basin (Location No. 10)** – Engineered and lined basin that retains fluids from the Maintenance Building drains.
- **Leachate Sump Risers and Cleanouts (Location No. 11)** – Designed for the extraction of leachate from lined waste disposal cells and cleanout of the leachate collection pipes, as necessary.
- **Salt/Cinder Storage Shed (Location No. 12)** – Shed used to cover salt and cinders.
- **Salt/Cinder Stockpile (Location No. 13)** – Temporary storage of salt and cinder piles used by the County Roads Department during inclement weather.

- **Fueling Station (Location No. 14)** – Below-ground, double-walled storage of fuel for Sandoval County and landfill vehicles and equipment.
- **Active Disposal Area (Location No. 15)** – At the time of preparation of this Plan, the current, Active Disposal Areas is Unit II. Deposited wastes consist of MSW and construction and demolition (C & D) debris.
- **City of Rio Rancho Public Works Department (Location No**. **16)** – Offices and maintenance facility for the City of Rio Rancho.
- **Stormwater Detention/Retention Basins: Central, South, and East (Location Nos**. **17 - 19)** – Engineered stormwater detention/retention basins designed to intercept and retain potential stormwater run-off.
- **Stormwater Drainage Swales (Location No. 20)** – Engineered earthen swales constructed to convey stormwater run-off to the Stormwater Detention Basins.
- **Access Roads (Location No**. **21)** – Paved and unpaved surfaces used by various vehicle types during daily landfill operations.
- **Composting Facility (Location No. 22) –** Areas containing equipment with both, raw and processed materials necessary for the composting of green wastes received at the Landfill.
- **Outfall Sampling Location (Location No. 23)** – Location at which a sample would be collected in the event of an off-site stormwater discharge.
- **Rock Crusher/Waste Shredder (Location No. 24)** – Projected locations at which the Crusher/Shredder will be in service.
- **Temporary Special Waste Storage Area (Location No. 25)** – Projected location for the storage of special wastes to include PCS and sludge. This location may be used for temporary storage where confirmatory waste characterization or remediation is required. If confirmatory characterization is required, the special waste will be stored temporarily in enclosed, labeled, and leak-resistant containers.
- **Temporary Petroleum Contaminated Soils (PCS) Storage Area (Location No**. **26**) – Projected location for the storage of PCS.
- **Mortality Composting Area (Location No. 27)** – Medium and large animal carcasses are composted in piles approximately 10 feet in diameter. Piles are underlain and overlain with 18” - 24” of chipped green waste (i.e., bulking agent).

- **Green Waste Stockpile (Location No. 28)** – Materials consisting of yard trimmings, woody C&D waste, animal manure, and other chipped woody materials destined for containerized composting.

3.4 Waste Management Activities

The Landfill and associated waste disposal areas constitute the primary land use of the area described in this Plan. Modern landfill operations are designed to minimize stormwater contact with waste materials, and closure plans are designed so that final site topography and stormwater controls permit proper drainage and reduce erosion of the final cover. The waste management practices currently employed at the Landfill (and discussed below) are developed consistent with modern landfill operations, and are intended to minimize potential pollution impacts to the environment and human health. Most of the best management practices (BMPs) discussed in this Plan have already been incorporated into the design of the Landfill development and operations as described in the site's approved Solid Waste Facility Permit Application. The design, operating conditions, permit plan narratives, and closure activities for the site have been developed in accordance with sound stormwater management practices. The following narrative discusses the operational activities and BMPs (where applicable) associated with each Location No. shown on **Figure 2**.

Scale House (Location No. 1)

The fully enclosed, elevated scale house is positioned at the end of the paved access road to the Landfill such that incoming waste loads can be evaluated/inspected, weighed and fees collected. All incoming waste loads are required to be covered for containment of waste. This restriction minimizes the potential for waste material becoming wind-blown during transport. Waste delivery vehicles travel from the scale house to the active disposal area (**Location No. 14**), convenience center (**Location No. 2**), convenience recycling area (**Location No. 3**), or composting facility **(Location No. 22**) at the direction of site personnel. Waste generated from activities conducted at the scale house is incorporated into the active fill area on an as-needed basis.

Convenience Center (Location No. 2)

The Convenience Center consists of an elevated, asphalt-covered parking area and concrete-lined tipping floor used by self-haulers for MSW disposal. Incoming waste

loads in this area are inspected for hazardous materials and unpermitted wastes. Wastes are unloaded onto the tipping floor and are pushed into roll-off containers using front-end loaders. The roll-off containers provided for waste disposal at this location are positioned below grade (on a concrete pad) to minimize waste spillage. Spilled waste is collected on a continual basis and placed in the roll-off containers. The containers are covered and transported to the active disposal area as they are filled and/or at the end of each operating day. In the event of a rain or storm event, roll-off containers will be covered, and waste acceptance will cease to minimize stormwater encountering waste materials.

Convenience Recycling Area (Location No. 3)

Haulers wishing to drop off recyclable materials (i.e., white goods, electronic waste, cardboard, metals, etc.) are directed to an area located south of the convenience center tipping floor reserved for the collection of source-separated recyclables. Currently, a 40-yd^3 container and several pallets are used for these activities and are placed atop asphalt paved surfaces, or upon the southwest corner of the concrete covered tipping floor. Bins and pallets are emptied by landfill staff or outside vendors on an as-needed basis. White goods and other types of recyclable materials (e.g., electronic waste) are removed by outside vendors. Depending upon demand and market conditions, additional materials or waste streams may be accommodated by adding more recycling containers to the convenience center. No uncontrolled stockpiling or scavenging is allowed.

Former Recycling Center (Location No. 4)

Former location for Sandoval County recycling center. Currently an additional storage area for empty roll-off containers. No waste is currently stored or disposed of in this location. Roll-offs stored in this area contain no waste for stormwater contamination.

Storage Sheds (Location No. 5)

Covered sheds placed at various locations around facility to store miscellaneous tools, parts, supplies for daily operations, etc. Good housekeeping is employed to keep tools and supplies stored in an orderly fashion and any smaller quantity solvents, oils, or cleaning supplies are stored on permanent shelving. In the event of a spill or leak, on-site soils are used as absorbent, gathered, and disposed of at the active fill area.

Spotter's Shed (Location No. 6)

Covered shed for weather protection used by landfill staff at the convenience center (**Location No. 2**). Provides an area away from the elements for landfill staff to perform inspection of self-hauler disposal. No materials or equipment are contained inside.

Employee Breakroom (Location No. 7)

The employee breakroom is a mobile building located at the convenience center. Waste generated from activities conducted at the employee breakroom is incorporated into the waste deposits at the convenience center on an as-needed basis. Employee parking occurs around the trailer on an unpaved dirt and gravel surface. Any fluid leaks from vehicles are cleaned up on an as-need basis using on-site soil as absorbent, gathered, and disposed of at the active fill area.

Sandoval County Public Works Offices (Location No. 8)

Daily operations for Sandoval County staff are coordinated from the Sandoval County Public Works Office. The Office includes meeting rooms and individual offices. Waste generated from the activities conducted at this location is incorporated into the waste deposits at the convenience center. Employee vehicles are parked on the asphalt area located around the perimeter of the Office. Fluid leaks from parked vehicles are cleaned up on an as-needed basis using absorbent materials such as on-site soils or "kitty-litter" from the adjacent Maintenance Building.

Maintenance Building Catch Basin (Location No. 10)

The Maintenance Building Catch Basin is approximately 2,800 ft^2 in size and is utilized for containment of liquids collected from the Sandoval County roads and maintenance building floor drains. To prevent groundwater contamination, the basin is lined with a 60-mil high-density polyethylene (HDPE) liner.

Leachate Sump Risers and Cleanouts (Location No. 11)

The leachate extraction riser pipe consists of perforated and solid sections of HDPE pipe. During cell construction, the perforated section is installed within the lower portion of the Leachate Sump, and the solid portion traverses the lined cell slope to a point at the top of the slope. Consistent with the site's approved Leachate Management Plan, leachate is pumped from the lined sump on an as-needed basis and transported with a

water truck to be used either as dust control over lined areas, as a compaction aid over active fill faces, or as a feedstock in the composting system. During pumping, leachate from the sump is transferred through a closed system directly to the site's water truck. The closed system is comprised of a dedicated down-hole pump positioned in the sump's leachate extraction riser pipe and associated tubing. Any spilled fluids are allowed to absorb into surrounding soils, as the entire system is positioned atop a lined portion of the landfill. The leachate cleanout riser consists of solid HDPE pipe and is constructed for the purpose of cleaning accumulated silts and debris from the leachate collection system pipes, if necessary.

Salt/Cinder Storage Shed (Location No. 12)

Three-sided shed used for the storage of a salt/cinder mixture. Stormwater drains away from this structure and into the middle detention basin located to the southeast.

Salt/Cinder Stockpile (Location No. 13)

Open salt and cinder stockpiles for use on public roads during inclement weather are stored on the Landfill property. Earthen berms have been constructed to contain run-off from the piles and run-on from surrounding areas. A SDS sheet for the cinder material is included in **Appendix E** of this Plan.

Active Disposal Area (Location No. 15)

The location and orientation of waste disposal areas at the Sandoval County Landfill is dynamic in nature and is dictated by operational needs and the waste filling sequence for the site. Wastes are unloaded in the designated locations at the working face of the active disposal area. The working face is typically confined to an area of 1 to 2 acres, which allows waste delivery vehicles to unload without an unreasonable queue of trucks. The smaller working face also reduces work, promotes better compaction, and minimizes scattering of wastes. Wastes are generally deposited at the lowest part of the working face and compacted to the highest achievable density necessary to minimize void space and settlement, unless precluded by extreme weather conditions. Wastes are spread and compacted soon after unloading to reduce blowing litter. At the end of each operating day, a tarp or a 6-inch layer of on-site soil is placed over all exposed waste to maximize litter control and minimize vectors and odors. Loose waste is

removed from compaction and covering equipment at the end of each day at this location.

To contain potential wind-blown waste, portable 15-foot-high litter control fences are positioned strategically downwind of the prevailing wind direction around the working face of the active disposal area. In addition, the landfill's perimeter is bordered by a 6' chain link fence equipped with inward-facing 3-strand barbed wire that aids in capturing wind-blown litter. Captured litter is collected by hand and placed in the working face on a continual basis.

Refueling and minor repairs/maintenance (e.g., oil and fluid changes) of landfill equipment are performed by a support vehicle over lined areas of the Landfill. The support vehicle is equipped with a 180-gallon diesel fuel storage tank and various petroleum-based lubricants.

Stormwater Detention/Retention Basins: Central, South, and East (Location Nos. 17-19)

Both the run-on and run-off control systems that service the Sandoval County Landfill have been designed to manage stormwater flow in excess of that generated by the 25-year, 24-hour design storm. The existing engineering design for the stormwater management system provides detention basins that are sized to store calculated run-off collected at the downgradient portions of the landfill. The basins are designed to evaporate and/or infiltrate accumulated stormwater run-off from active and closed portions of the Landfill.

Stormwater Drainage Swales (Location No. 20)

Consistent with modern landfill operations, the engineered stormwater drainage swales around the site serve to intercept stormwater flows from on-site and off-site areas. The mitigation and/or elimination of potential pollutant sources are achieved by routing stormwater to the various detention/retention basins (**Location Nos. 17-19**).

Composting Facility (Location No. 22)

Currently, Phase I of the containerized composting operation is in place, capable of accepting 10 tons per day (TPD), with future capabilities of 40 TPD. Bulk materials are

stored on concrete pads and contained with concrete push walls. Overflow raw materials, chipped materials, and compost are located north-northwest of Unit II. Currently chipping operations are performed alongside the overflow materials. The chipper is a mobile unit and can be moved to the composting facility area as raw materials are reduced. Green waste, select woody C&D waste, and manure blended with water, are used in the composting operation. With 16 digesters, 4 bio-filters, water, and computer controls, chipped green waste is processed into useable compost for resale by the Landfill. The digesters are air and watertight; and the in-line bio-filters are used to control odors. Consistent with the Landfill Permit Application, all composting equipment is inspected daily. Digester structural integrity, seals, and attaching hardware are inspected prior to loading.

Outfall Sampling Location (Location No. 23)

Located near the southeastern corner of the property boundary is the designated outfall sampling point for required stormwater monitoring. Outfall drains to the Southern Sandoval County Arroyo Flood Control Authority MS4.

Rock Crusher/Waste Shredder (Location No. 24)

The Doppstadt 3060SA Crusher/Shredder is used to facilitate recycling of select construction and demolition (C&D) debris, asphalt, concrete, and green waste; and for volume reduction of MSW. The mobile crusher/shredder is used within the active disposal area (**Location No. 15**) to reduce bulky waste prior to disposal, and at projected locations on the facility property for recycling concrete and asphalt for use as recycled base-course, alternate daily cover, or for use in other county projects. All preventive maintenance and major repairs are completed at the Sandoval County roads and maintenance building (**Location No. 9**) and fueling is accomplished via the mobile support vehicle. Any spills are cleaned up immediately using on-site soils as absorbent, gathered, and disposed of at the active disposal area (**Location No. 15**).

Temporary Special Waste Storage Area (Location No. 25)

Projected location for the storage of special wastes to include petroleum contaminated soils (PCS) and sludge. This location may be used for temporary storage where confirmatory waste characterization or remediation is required. If confirmatory

characterization is required, the special waste will be stored temporarily in enclosed, labeled, and leak resistant containers. Storage operations occur over lined landfill area.

Temporary Petroleum Contaminated Soils Storage Area (Location No. 26)

Projected location for the storage of PCS. Storage operations occur over lined landfill area.

Mortality Composting Area (Location No. 27)

Location where medium and large animal carcasses are composted in piles approximately 10 feet in diameter. The mobile chipper unit is used to break down material to incorporate into the pile, underlain and overlain with 18 to 24 inches of chipped green waste. Operations occur over lined landfill area.

Green Waste Stockpile (Location No. 28)

Chipped or mulched material from the compost facility is stockpiled prior to sale or distribution.

3.5 Vehicle Maintenance/Parking and Materials Storage

Sandoval County Roads and Maintenance Building/Equipment Parking Area (Location No. 9)

Major repairs and routine maintenance of large landfill equipment (e.g., scrapers, compactors, road graders, etc.) and support/service vehicles are performed inside the maintenance building. The metal building is fully enclosed and contains floor drains that discharge to a lined catch basin (Location No. 10) located directly east of the building. A separate wash bay is located on the east end of the building and drains to the catch basin. Absorbent materials (e.g., kitty litter) are located inside the building to facilitate immediate clean-up of fluid spills. Waste generated from activities conducted at this location are disposed of in metal bins located inside the maintenance building.

Vehicle repair/maintenance fluids are stored inside the maintenance building in properly labeled containers:

- Eight, 300-gallon, double-walled steel tanks, containing hydraulic/transmission oil, 15-40W engine oil, 30W engine oil, 5-20W engine oil, and antifreeze. Each tank is positioned atop steel bracing anchored to the building's concrete floor. Tanks are equipped with pneumatic-powered dispenser hose reels that allow fluids to be directly dispensed into vehicles.
- One, 720-gallon waste oil tank is used for the fueling of 4 heaters in the building.
- Two, 35-gallon drums containing cleaning solvents are stored in the building's wash bay.
- 55-gallon steel drums containing gear lubricant, Ford Gold Coolant®, and soaps for washing of vehicles are stored upright in clean and unobstructed areas.

Smaller quantities (i.e., hand-held containers) of additional solvents, spray paints, and engine oil; spare vehicle maintenance parts; and surplus kitty litter (50-pound bags) are stored inside a locked storage room within the maintenance building. The fluids and parts are stored on permanent shelving and sorted by type. Kitty litter and absorbent socks are stored on the floor in plastic barrels, and a pallet of paper absorbent is stored outside under a tarp beneath a covered patio. The room is maintained in a clean and orderly fashion. A locking, steel flammable materials (solvents, etc.) storage cabinet (properly labeled) is located inside the building. Several fire extinguishers are positioned at strategic locations throughout the building for ease of use in the event of fire. An emergency eyewash station is also located inside the building.

Fueling Station (Location No. 14)

Gasoline and diesel fuel used for Sandoval County vehicles, large landfill equipment, and support/service vehicles is stored and dispensed from two underground storage tanks (USTs). Each tank is constructed of double-walled fiberglass and has a capacity of 20,000 gallons. One tank contains gasoline, and the second tank contents are split with 12,000 gallons of diesel and 8,000 gallons of off-road red diesel.

On a concrete pad located above the UST's, four unleaded fuel pumps and three diesel fuel pumps are located inside a fenced area for Sandoval County staff use. East and directly adjacent to the fueling station is one red diesel fuel pump for off-road heavy

equipment. Keycards activate the pumps and an emergency fuel shut off switch is located on both sides of the east fence. Waste containers placed next to each pump are emptied on an as-needed basis and deposited in the active disposal area (**Location No. 15).**

City of Rio Rancho Public Works Department (Location No. 16)

Located outside the Landfill footprint is the Rio Rancho Public Works Department. An office and attached maintenance shop occupy the building. Due to proximity of this building and the good housekeeping practices employed by City of Rio Rancho staff, this location is not considered a potential pollutant source.

3.6 Dust Suppression

Access Roads (Location No. 21)

The disposal route and access roads currently consist of both paved and unpaved surfaces. Both are used by all vehicle types, and the location and configuration of these roads change with the location of the active disposal area and operational needs. Consistent with the site's approved Dust Control Plan, potential dust emissions from vehicle travel on unpaved portions of the disposal route and access roads are mitigated through daily watering. The daily application of water to unpaved surfaces aid in dust control, thereby minimizing impacts to stormwater discharges. Signs posted along the disposal route and access roads that limit vehicle speeds to 15 miles per hour also serve to minimize potential dust emissions.

3.7 General Location Map

Figure 1 identifies the location of the Landfill; there are no surface water bodies near the Landfill.

3.8 Site Map

The site map included as **Figure 2** identifies the following:

- Locations of potential pollutant sources
- Location of areas where industrial materials, significant materials, and industrial activities are exposed to precipitation
- Directions of stormwater flow
- Locations of structural BMPs that include:
  - Leachate management system
  - Engineered drainage controls
  - Stormwater detention basins
  - Paved/Unpaved surfaces
  - Landfill monitoring systems

3.9 Receiving Waters and Wetlands

Figure 1 confirms that the nearest receiving water is the main branch of the La Barranca Arroyo approximately one mile southeast of the site boundary and is fed by tributary BAJ that transects the landfill property. The La Barranca Arroyo eventually feeds the Rio Grande approximately two miles to the east.

4.0 POTENTIAL POLLUTANT SOURCES

4.1 Summary of Potential Pollutant Sources

Descriptions of potential pollutant sources (i.e., industrial materials, significant materials, and industrial activities exposed to stormwater), which may contribute pollutants to stormwater discharges, are presented in **Table 4.1**. The potential pollutant source materials and activities identified in **Table 4.1** will be updated as necessary based on the results of Facility Inspections and Monitoring (Section 5.0).

The 2021 MSGP requires an assessment of the risk potential that sources of pollution pose to stormwater quality. This assessment points to activities, materials, and physical features that have a reasonable potential to contribute significant amounts of pollutants to stormwater. Potential pollutant sources specific to the facility operations of the Landfill are listed in **Table 4.1**, which can be used as a guide for completing the Facility Inspection Reports (Section 5.1).

TABLE 4.1
Summary of Potential Pollutant Sources
Sandoval County Landfill

Location No.	Activity/Activities	Potential Pollutant Sources	Potential Pollutants and Pollutant Parameters of Concern
2	• Vehicle Parking and Waste Disposal	• Fluid leaks from incoming vehicles, wind-blown waste	• Oil, fuel, lubricants, coolants, litter, etc.
7	• Vehicle Parking	• Fluid leaks from parked vehicles	• Oil, fuel, lubricants, coolants, etc.
8	• Vehicle Parking	• Fluid leaks from parked vehicles	• Oil, fuel, lubricants, coolants, etc.
9	• Equipment Parking/Staging Area, Maintenance	• Leaking vehicle fluids • Fluid spills during maintenance	• Oil, lubricants, coolants, solvents, etc.
12 and 13	• Road Salt/Cinder Storage	• Run-off during extreme storm events	• TSS
14	• Vehicle Fueling	• Fluid spills and leaks during fuel transfer	• Gasoline, diesel fuel
15	• Waste Disposal	• Windblown waste, loose soils	• Litter, TSS
21	• Vehicular Travel	• Run-off during extreme storm events	• TSS
22	• Composting	• Run-off during extreme storm events	• TSS, Nitrates

4.2 Spills and Leaks

Areas of potential spills and leaks, which can contribute pollutants to stormwater discharges and their accompanying drainage locations, are identified in **Table 4.1** and shown on **Figure 2**. For areas that are exposed to precipitation or that otherwise drain to a stormwater conveyance at the Landfill, a list of significant spills and leaks of toxic or hazardous pollutants will be documented on the form provided in **Appendix C, Attachment 4**. This list will be updated if significant spills or leaks occur in exposed areas of the Landfill during the time the Landfill is covered under the MSGP. There have been no significant spills or leaks at the Landfill in the 5 years prior to updating this Plan.

4.3 Sampling Data

There are no sampling data or discharge summaries available. Monitoring and reporting procedures are discussed in Sections 5.2 through 5.5 of this Plan.

4.4 Stormwater Controls

Recommended non-structural and structural best management practices (BMPs) for industrial facilities are outlined in **MSGP Part 2.1**. These BMPs should be reviewed and consulted as needed for specific questions regarding evaluation of existing BMPs and implementation of planned BMPs to minimize the contamination of stormwater discharges. Non-structural BMPs include good housekeeping, minimizing exposure, preventive maintenance, spill prevention and response procedures, routine facility inspections, and employee training. Structural BMPs include sediment and erosion control, management of run-off, leachate collection systems, and leak detection systems. The type and location of existing non-structural and structural BMPs for each of the potential pollutant sources presented in **Table 4.1** are listed in **Table 4.2**. Additional structural BMPs (e.g., engineered drainage swales, culverts, etc.) are shown on **Figure 2.** Planned BMPs (including a planned BMP implementation schedule) for potential pollutant sources are listed in **Table 4.3**.

TABLE 4.2
Existing BMPs for Potential Pollutant Sources
Sandoval County Landfill

Location No.	Activity/Activities	Existing BMPs	
2	• Vehicle Parking and Waste Disposal	• Areas paved to minimize fugitive dust emissions and vehicle fluids infiltration • Absorbent materials used for spills/fluid leak clean-up • Incoming waste loads are required to be covered	
7	• Vehicle Parking	• Absorbent materials used for spills/fluid leak clean-up	
8	• Vehicle Parking	• Areas paved to minimize fugitive dust emissions and vehicle fluids infiltration • Absorbent materials used for spills/fluid leak clean-up	
9	• Equipment Parking/Staging Area, Maintenance	• Absorbent materials used for spills/fluid leak clean-up • Parking/staging on paved or gravel surfaces • Good housekeeping for material storage	
12	• Road Salt/Cinder Storage	• Routine Inspections • Materials covered to reduce erosion	
13	• Road Salt/Cinder Storage	• Routine Inspections	
14	• Vehicle Fueling	• SPCC Plan in-place • Routine inspections • Waste containers on-site • Absorbent materials used for spill clean-up	
15	• Waste Disposal	• Daily cover soil, litter fences • Continual compaction of waste • Landfill closure during high winds	• Leachate collection system • Minimum area exposed at any time • Exclusion of uncovered waste loads
21	• Vehicular Travel	• Daily watering of unpaved roads • Vehicle speed limited to 15MPH	
22	• Composting	• Use of sealed containers for composting operations • Concrete walls contain raw and processed materials	

TABLE 4.3
Planned BMPs for Potential Pollutant Sources
Sandoval County Landfill

Location No.	Activity/Activities	Planned BMPs	BMP Implementation Schedule (to be filled in as appropriate)
22	• Compost Facility	• Construct earthen berm and swales to divert stormwater away	

4.4.1 Preventive Maintenance

The preventive maintenance program for the Landfill includes the timely inspection and maintenance of stormwater management devices (e.g., drainage basins, culvert, etc.). The program also includes inspecting, testing, maintaining, and repairing Landfill equipment and systems to avoid breakdowns or failures that may result in discharges of pollutants. Any preventive maintenance and repairs of control measures (i.e., BMPs) must be documented on the form provided in **Appendix C, Attachment 5.**

4.4.2 Spill Prevention and Response Procedures

4.4.2.1 Prevention and Procedures

In the event of a spill, facility workers are to notify the Landfill Manager immediately. All spills will be addressed in accordance with the Employee Training Program (Section 4.4.3) and the following response procedures:

The Sandoval County Landfill will immediately respond to any and all spills to the extent of their training and equipment capabilities using the following procedures:

1. *Access the extent and source of the spill identifying any hazards present and containment methods available. In the event of a fire, injury, or other potential dangers call 911 for emergency response assistance.*
2. *Landfill personnel will notify the Landfill Manager immediately.*
3. *Procedures common for all spills:*
    a. *Isolate the spill area and, if safe, stop and contain the source of the spill.*
    b. *Shut down all running equipment in the spill vicinity and eliminate possible ignition sources.*

   c. *Apply absorbent and barricading materials as needed to minimize expansion of the spill.*
   d. *Clean up spill to prevent any injury to personnel or damage to the site.*
   e. *Classify and dispose of any resultant waster material.*
4. *Procedures for common significant spills (Section 4.4.2.2):*
   a. *Clean up spill to prevent any injury to personnel or damage to the site.*
   b. *Classify and dispose of any resultant waste material.*
   c. *Report the spill to the National Response Center as described in Section 4.4.2.2.*

4.4.2.2 Significant Spills

The MSGP requires a list of significant spills or leaks of toxic or hazardous substances in excess of certain quantities that occurred in the 8 years prior to the date of the submission of an NOI. Significant spills include, but are not limited to, releases of oil or hazardous substances, within a 24-hour period, equal to or in excess of the quantities established under either 40 CFR 110, 40 CFR 117, or 40 CFR Part 302. Copies of these regulations are included in **Appendix D**. If a spill or leak is detected in excess of the quantities listed in the regulations, the **National Response Center (NRC)** must be contacted at **(800) 424-8802**. As part of the stormwater pollution prevention process, after the NRC has been notified, the corrective action procedures outlined in **MSGP Part 5** must be implemented.

4.4.3 Employee Training Program

An employee awareness program will be implemented to inform Pollution Prevention Team members of the components and goals of the Plan. At a minimum, training will be conducted annually. Training will be provided to all employees that work in areas where industrial materials or activities are exposed to stormwater, and for employees that are responsible for implementing activities identified in this Plan. The program will address the issues of spill response procedures, good housekeeping, and materials management practices. Signs and notices will be posted throughout the facility relating to good housekeeping practices. Employee training for the awareness program will be

documented on the form provided in **Appendix C**, **Attachment 6**. Training should encompass the following:

- Familiarization with the chemical and physical properties, and the hazards associated with the chemicals handled most frequently
- Familiarization with designated locations of on-site Safety Data Sheet (SDS) Stations
- Teaching proper material handling procedures, storage requirements, and means to prevent spills (e.g., the importance of secondary containment)
- Identification of potential spill areas and the associated sanitary and storm sewer system drainage routes
- Internal spill notification procedures (e.g., employees should be assured that they will face no reprisals when they report such incidences)
- Proper clean-up procedures (e.g., employees should be trained on where spill clean-up materials are stored, and how clean-up materials are applied and disposed)

The training program is designed to address the goals of this Plan, including spill response procedures, good housekeeping, and materials management practices. Signs and notices are also posted throughout the facility to promote good housekeeping practices. The topics addressed in the training program are summarized on the Employee Training Curriculum (**Appendix C, Attachment 6A**).

4.5 Maintenance of BMPs

The BMPs identified in this Plan will each be maintained in an effective operating condition. If Facility Inspections and Monitoring (Section 5.0) reveal that BMPs are not operating effectively, maintenance will be performed before the next anticipated storm event. If maintenance is impracticable prior to the next storm event, maintenance will be scheduled and performed as soon as practicable. For non-structural BMPs, the effectiveness of the BMPs will be maintained by appropriate means (e.g., available spill response supplies and trained personnel).

4.6 Non-Stormwater Discharges

4.6.1 Evaluation of Non-Stormwater Discharges

The 2021 MSGP requires that all outfalls be tested or evaluated for the presence of non-stormwater discharges. The evaluation form provided as **Appendix C**, **Attachment 7** consists of an annual inspection of the site for dry weather (non-stormwater)

discharges; and can be completed as part of a Monthly Facility Inspection (Section 5.1). Documentation of the evaluation must include:

1. The date of any evaluation;
2. A description of the evaluation criteria used;
3. A list of the outfalls or on-site drainage points that were directly observed during the evaluation;
4. The different types of non-stormwater discharge(s) and source locations;
5. The action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), if any were identified.

4.6.2 Allowable Non-Stormwater Discharges

Certain sources of non-stormwater discharges are allowed under the 2021 MSGP. These include:

- Discharges from emergency/unplanned fire-fighting activities;
- Fire hydrant flushing;
- Potable water, including uncontaminated water line flushing;
- Uncontaminated condensate from air conditioners, coolers/chillers, and other compressors and from the outside storage of refrigerated gases or liquids;
- Irrigation/landscape drainage, provided all pesticides, herbicides, and fertilizers have been applied in accordance with the approved labeling;
- Landscape watering provided all pesticides, herbicides, and fertilizer have been applied in accordance with the approved labeling;
- Pavement wash waters, provided that detergents or hazardous cleaning products are not used , and the wash waters do not come into contact with oil and grease deposits, sources of pollutants associated with industrial activities, or any other toxic or hazardous materials, unless residues are first cleaned up using dry clean-up methods and you have implemented appropriate control measures to minimize discharges of mobilized solids and other pollutants;
- External building/structure washdown / power wash water that does not use detergents or hazardous cleaning products and you have implemented appropriate control measures to minimize discharges of mobilized solids and other pollutants;
- Uncontaminated groundwater 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 the Landfill, but **not** intentional discharges from the cooling tower;
- Any authorized non-stormwater discharge listed in **MSGP Part 1.2.2** or any stormwater discharge listed in **Part 1.2.1** mixed with a discharge authorized by a different NPDES permit and/or a discharge that does not require NPDES permit authorization.

Prohibited non-stormwater discharges under the 2021 MSGP consist of leachate, gas collection condensate, drained free liquids, contaminated groundwater, laboratory wastewater, and equipment wash waters that have come in direct contact with solid waste at the facility. Note that a discharge resulting from snowmelt is considered a stormwater discharge and samples must be collected during a period with a measurable discharge (see **MSGP Part 4.1.4**).

5.0 INSPECTIONS AND MONITORING

Qualified personnel will conduct monthly facility inspections, quarterly visual assessment monitoring, quarterly indicator monitoring, annual effluent limitations monitoring, and annual effluent limitation monitoring according to the schedule provided in **Appendix C**, **Attachment 1**. These personnel must possess the knowledge and skills necessary to assess conditions at the Landfill that could impact stormwater quality and assess the effectiveness of the BMPs selected to control the quality of stormwater. Qualified personnel should include Landfill employees or outside consultants, and at least one member of the Pollution Prevention Team.

Monthly Facility Inspections

5.1.1 Inspection Procedures

On a monthly basis, all areas of the Landfill where industrial materials or activities are exposed to stormwater must be inspected when the facility is in operation. The inspections will also include an evaluation of existing stormwater control measures. At least once each calendar year, a monthly facility inspection must be conducted (to the extent practicable) during a stormwater discharge event to incorporate Quarterly Visual Assessment Monitoring (Section 5.2), Indicator Monitoring (Section 5.3), and Effluent Limitation Monitoring (Section 5.4).

5.1.2 Inspection Reports

Results of the facility inspections and any corrective actions taken in response to any deficiencies or opportunities for improvement that were identified will be documented on the Facility Inspection Report provided in **Appendix C, Attachment 8**. The completed Reports will be maintained with this Plan, but are not required to be submitted to EPA, unless so directed. However, findings must be summarized in the Annual Report (**MSGP Section 7.4**). At a minimum, documentation of each inspection must include:

- The inspection date and time;
- The name(s) and signature(s) of the inspector(s);
- Weather information and a description of any discharges occurring at the time of the inspection;
- All observations relating to the implementation of control measures at the facility, including:

  - Any previously unidentified discharges from and/or pollutants at the site;
  - Any evidence of, or the potential for, pollutants entering the drainage system;
  - Observations regarding the physical condition of and around all discharge points, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water;
  - Any stormwater control measures (i.e., BMPs) needing maintenance, repairs, or replacement.
- Leaks or spills from industrial equipment, drums, tanks and other containers;
- Industrial materials, residue or trash that may have or could come into contact with stormwater;
- Offsite tracking of industrial or waste materials, or sediment where vehicles enter or exit the site;
- Tracking or blowing of raw, final or waste materials from areas of no exposure to exposed areas;
- Any incidents of noncompliance observed;
- Any additional control measures needed to comply with the permit requirements.

Quarterly Visual Assessment Monitoring

Based on Western Regional Climate Center data (October 6, 1982, to June 08, 2016), the average total annual rain and snowfall for Rio Rancho, NM area are approximately 9.91 and 8.10 inches per year, respectively. The average maximum and minimum temperatures for this area are 71.0ºF and 37.5ºF, respectively. The average annual snow depth is 0 inches. In addition, events of precipitation are infrequent and of short duration. Precipitation quickly evaporates from the paved surfaces (**Figure 2**) and is readily absorbed into the surrounding pervious soils.

5.2.1 Monitoring Procedures

Sandoval County Landfill is designed to allow non-contaminated stormwater to discharge from the facility; in the event of an offsite stormwater discharge, the following procedures must be followed. Consistent with the stormwater monitoring criteria outlined in **MSGP Part 4.1**, a stormwater sample must be collected from the designated outfall location (**Location No. 23**) on a quarterly basis, and a visual assessment conducted on the sample. Generally, site personnel will collect a grab sample of

stormwater discharge from each outfall during the first 30 minutes following a measurable storm event. A measurable event is a storm that creates stormwater discharge from the site and occurs at least 72 hours from the previous measurable storm event. **Appendix C, Attachment 9** provides the form necessary to document visual assessment monitoring procedures and results, and also provides the guidance necessary for sample collection.

5.2.2 Monitoring Reports

Results of quarterly visual monitoring will be documented using the form provided in **Appendix C, Attachment 9** (Quarterly Visual Assessment Report). The completed Reports will be maintained with this Plan, but are not required to be submitted to EPA, unless so directed. At a minimum, documentation of each quarterly visual assessment monitoring event must include:

- Sample location(s);
- Sample collection date and time, and visual assessment date and time for each sample;
- Personnel collecting the sample and performing visual assessment, and their signatures;
- Nature of the discharge (i.e., stormwater from rain or snow);
- Results of observations of the stormwater discharge;
- Probable sources of any observed stormwater contamination;
- If applicable, an explanation of why it was not possible to collect samples within the first 30 minutes.

As allowed by **MSGP Part 3.2.4** (Exceptions to Quarterly Visual Assessments), because the Landfill is located in an area where limited rainfall occurs during many parts of the year (e.g., arid or semi-arid climate), sample collection for the quarterly visual assessments may be distributed during seasons when precipitation run-off occurs. If for any reason quarterly visual assessment monitoring does not take place (e.g., adverse weather, restricted access, etc.) consistent with the monitoring schedule presented in **Appendix C**, **Attachment 1,** the reason must be documented and maintained in **Appendix C**, **Attachment 10** (Deviations from Assessment or Monitoring Schedule).

Indicator Monitoring

5.3.1 Monitoring Procedures

In addition to Quarterly Visual Assessment Monitoring, qualified site personnel must conduct quarterly indicator monitoring of offsite stormwater discharges using the same outfall collection point (**Location No. 23**) for Visual Assessment Monitoring. Indicator monitoring involves the collection and laboratory chemical analysis of stormwater samples from outfalls yielding sufficient water flow for the parameters listed in **Table 5.1**:

TABLE 5.1
Indicator Monitoring Requirements
Sandoval County Landfill

Parameter	Frequency	Duration	Monitoring Threshold
Chemical Oxygen Demand (COD)	Quarterly	Entirety of Permit Coverage	Report only/ No thresholds or baseline values
Total Suspended Solids (TSS)			Report only/ No thresholds or baseline values
pH			Report only/ No thresholds or baseline values

Indicator monitoring data are intended to provide operators and EPA with a baseline and comparable understanding of the stormwater discharge quality and potential water quality problems. These indicator parameters are “report-only” and do not have thresholds or baseline values for comparison; therefore, no follow-up corrective action or additional implementation measures (AIM) are required. Indicator monitoring is a permit condition and failure to conduct indicator monitoring is a permit violation.

Monitoring requirements (**MSGP Part 4.1.7**) commence the first full quarter following May 30, 2021 or date of discharge authorization, whichever date comes later. Indicator monitoring shall be conducted at a frequency and duration mentioned in **Table 5.2** (**MSGP Part 4.2**) in each of the following 3-month intervals:

- January 1 – March 31
- April 1 – June 30
- July 1 – September 30
- October 1 – December 31

The monitoring schedule may be modified if the facility is located in areas where limited rainfall occurs (arid or semi-arid climate) or in areas where freezing conditions exist that prevent discharge from occurring for extended period of time. The revised schedule shall be reported directly to EPA by the due date of the first indicator monitoring sample and this revised schedule shall be kept with the facility's SWPPP (**MSGP Part 6.5**). When precipitation or snowmelt results in measurable discharge from the facility, the required number of samples must be collected. Consistent with the requirements of **MSGP Part 4.1.6 and MSGP Part 4.2.1.2**, the NeT-DMR reporting tool must be used to report a "no data" or "NODI" code for any 3-month interval that monitoring sample was not collected.

5.3.2 Monitoring Reports

All monitoring data must be submitted to EPA using the NeT-DMR system (available at **https://cdx.epa.gov/**) no later than 30 days after receipt of complete laboratory results for all monitoring outfalls for the reporting period. Instructions for completion and submittal of the DMR are provided as the last two pages of the DMR provided in **Appendix C, Attachment 11**. The sample collection procedures for indicator monitoring, and reporting are provided in **Appendix C, Attachment 11.**

Annual Effluent Limitations Monitoring

On an annual basis, qualified site personnel must conduct annual effluent limitations monitoring of offsite stormwater discharges using the same collection point for visual assessment monitoring (**Location No. 23**). Annual effluent limitations monitoring involves the collection and laboratory chemical analysis of stormwater samples from

outfalls yielding sufficient water flow for sample collection and the analysis for parameters listed in **Table 5.2**:

TABLE 5.2
Effluent Limitations Guidelines
Sandoval County Landfill

Parameter	Frequency	Duration	Monitoring Threshold
Biochemical Oxygen Demand (COD)	Annually	Entirety of Permit Coverage	140 mg/L, daily maximum
			37 mg/L, monthly avg. maximum
Total Suspended Solids (TSS)			88 mg/L, daily maximum
			27 mg/L, monthly avg. maximum
Ammonia			10 mg/L, daily maximum
			4.9 mg/L, monthly avg. maximum
Alpha Terpineol			0.033 mg/L, daily maximum
			0.16 mg/L, monthly avg. maximum
Benzoic Acid			0.12 mg/L, daily maximum
			0.071 mg/L, monthly avg. maximum
p-Cresol			0.025 mg/L, daily maximum
			0.014 mg/L, monthly avg. maximum
Phenol			0.026 mg/L, daily maximum
			0.015 mg/L, monthly avg. maximum
Total Zinc			0.20 mg/L, daily maximum
			0.11 mg/L, monthly avg. maximum
pH			Within the ranch of 6-9 pH units (s.u.)

5.4.1 Monitoring Procedures

Monitoring requirements (**MSGP Part 4.1.7**) commence the first full quarter following May 30, 2021 or date of discharge authorization, whichever date comes later. Effluent limitation monitoring shall be conducted annually in accordance with **MSPG Part 4.2.3**.

When precipitation or snowmelt results in measurable discharge from the facility, the required number of samples must be collected. Consistent with the requirements of **MSGP Part 4.1.6 and MSGP Part 4.2.1.2**, the NeT-DMR reporting tool must be used to report a "no data" or "NODI" code for any year that a monitoring sample was not collected.

If any monitoring value exceeds a numeric effluent limitation, the facility must indicate the exceedance on a Change NOI form in NeT system, and must begin follow-up monitoring within 30 calendar days, or during the next measurable storm event, of implementing corrective action in accordance with **MSPG Part 5.1**. If follow up monitoring exceeds the effluent limitations the facility must do the following:

1. Submit an exceedance report no later than 30 days after receipt of laboratory results, consistent with **MSGP Part 7.5;**
2. Continue monitoring, at least quarterly, until stormwater discharges are compliant with effluent limitation monitoring guidelines or EPA waives the requirement for additional monitoring;
3. Following compliance or EPA waiver, submit a Change NOI with the indicated changes consistent with **MSGP Part 7.3**.

5.4.2 Monitoring Reports

All monitoring data must be submitted to EPA using the NeT-DMR system (available at **https://cdx.epa.gov/**) no later than 30 days after receipt of complete laboratory results for all monitoring outfalls for the reporting period. Instructions for completion and submittal of the DMR are provided as the last two pages of the DMR provided in **Appendix C, Attachment 12**. The sample collection procedures for effluent limitations monitoring, and reporting are provided in **Appendix C, Attachment 12.**

Annual Report

The Annual Report is a compilation of the results of the past year's Monthly Facility Inspection Documentation, Quarterly Visual Assessment Documentation, Quarterly Indicator Monitoring, Annual Effluent Limitations Monitoring, and Corrective Action Documentation; and must be maintained on-site with this Plan. Report documentation

must be submitted to EPA in the Annual Report using the NeT system. The following link can be used to access NeT:

https://cdxnodengn.epa.gov/net-msgp/action/login.

The Annual Report must be signed by the person(s) identified in Section 7.0 of this Plan. Reports must be submitted electronically January 30th for each year (**MSGP 7.2**). Additional detailed information pertinent to Annual Reporting requirements are provided in **MSGP 7.0**.

At a minimum, the documentation required for the Annual Report must include:

1. The date of the inspections;
2. The name(s) and titles(s) of personnel conducting the inspections;
3. Findings from the examination of areas during Facility Inspections;
4. All observations relating to the implementation of control measures including:
   - Previously unidentified discharges from the site
   - Previously unidentified pollutants in existing discharges
   - Evidence of, or the potential for, pollutants entering the drainage system
   - Evidence of pollutants discharging to the receiving waters at all facility outfall(s), and the condition of and around the outfall, including flow dissipation measures to prevent scouring
   - Additional control measures needed to address any conditions requiring corrective action identified during the inspection
5. Any required revisions to the Plan resulting from the inspections;
6. Any incidents of noncompliance observed, summary of past year's corrective action and AIM documentation, or a certification stating the facility is in compliance with the 2021 MSGP (if there is no noncompliance);
7. A summary of the past year's Monthly Facility Inspection, Quarterly Visual Assessment Monitoring, Indicator Monitoring, and Effluent Limitations Monitoring documentation;
8. A statement, signed and certified in accordance with **MSGP Appendix B, Subsection 11**.

Corrective Actions

Any deficiencies identified during implementation of this plan, facility inspections, visual assessment monitoring, or effluent limitation monitoring events must be documented in

the Annual Report (**Appendix C, Attachment 12**). Deficiencies include site conditions that require review and revision of the selection, design, installation, and implementation of control measures. These conditions are outlined in **MSGP Parts 5.1.1** and **5.1.2** and include, but are not limited to:

1. Unauthorized release or discharge;
2. A discharge violates a numeric effluent limit;
3. Determination by the Landfill or EPA that control measures are not stringent enough to meet applicable water quality standards or the non-numeric effluent limits;
4. Inspection or evaluation by an EPA official, local, or state entity determines that modifications to control measures are necessary;
5. Results of Monthly Facility Inspections, Quarterly Visual Assessment Monitoring, Indicator Monitoring, or Effluent Limitations Monitoring, show evidence of stormwater pollution or determine that control measures are not being properly operated and maintained, and corrective actions are necessary.

These conditions must be documented in the Annual Report within 24 hours of the discovery, and must include:

1. Identification of the condition triggering the need for corrective action and review
2. Description of the condition/problem identified
3. Date the problem/condition was identified

Within 14 days of any discovery, the following must be documented in the Annual Report:

1. Summary of corrective action taken or to be taken
2. Notice of whether Plan modifications are required as a result of the discovery or corrective action
3. Date corrective action initiated
4. Date corrective action completed or expected to be completed

Corrective actions implemented at the site that result in modifications/revisions to this Plan require that the Plan be re-certified by a duly authorized representative and documented in **Table 7.1** (Section 7.0). In addition, any maintenance performed as a

result of corrective actions will be documented using the form in **Appendix C**, **Attachment 5**.

Recordkeeping

All data used to prepare the 2021 Notice of Intent (NOI), reports, certifications, monitoring data, etc. must be maintained in the applicable attachments and appendices of this Plan. **Appendix E** is provided as a location for additional documentation that may be necessary to maintain compliance with the 2021 MSGP. Due to the volume of waste received, to reduce duplications in recordkeeping, and to comply with **MSGP Part 8.L.8.1**, the types of wastes disposed of in each cell are maintained as part of the site's Facility Operating Record.

6.0 THREATENED AND ENDANGERED SPECIES – HISORICAL PLACES

6.1 Documentation of Permit Eligibility Related to Endangered Species

- To ensure compliance with the requirements of the Endangered Species Act (ESA), this Plan includes documentation (see **Appendix B**), from the 2015 Solid Waste Permit Application, supporting determination of permit eligibility with regard to endangered species. Appendix B also provides updates to this information based on recent review of critical habitat data. This information will be maintained in this Plan for the life of the Permit.

6.2 Documentation of Permit Eligibility Related to Historic Places

- To ensure compliance with the requirements of the National Historic Preservation Act (NHPA), this Plan includes documentation (see **Appendix B**), from the 2015 Solid Waste Permit Application, supporting determination of permit eligibility with regard to historic places. This information will be maintained in this Plan for the life of the Permit.

7.0 INITIAL PLAN CERTIFICATION AND LIST OF REVISIONS

The Initial Certification for this Plan is provided as **Table 7.1**. The Certification must be signed by a principal executive officer, ranking elected official or by a duly authorized representative of that person. These titles are defined below, and the authorization (Notice of Appointment) for a duly authorized representative follows **Table 7.1**:

- **Principal Executive Officer or Ranking Elected Official** – The chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of EPA).
- **Duly Authorized Representatives** – An individual or position having responsibility for the overall operation of the regulated facility or activity such as the position of superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company.

This Certification must be re-signed in the event of a Plan modification in response to corrective actions taken as a result of the facility inspections, monitoring, and corrective actions discussed in Sections 5.1, 5.2, 5.3, 5.4, 5.5, and 5.6. The signatory requirements for this Plan are listed in **MSGP Appendix B, Subsection 11.A**.

Table 7.1

Sandoval County Landfill
Plan 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 contained 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.

Authorized Representative: Christopher Perea

Signature: _____ Date: 6/3/2021

LIST OF REVISIONS

Sandoval County Landfill

Revision Number	Revision Date	Author	Signature of Duly Authorized Representative
1			
2			
3			
4			
5			

NOTICE OF APPOINTMENT

Sandoval County Landfill

This is to advise, that I, Mark Hatzenbuhler, of Sandoval County have duly authorized Christopher Perea, of Sandoval County, as a representative and signatory in matters concerning reports prepared for the Sandoval County Landfill in reference to the National Pollution Discharge Elimination System (NPDES) Multi-Sector General Permit.

NAME: Mark Hatzenbuhler

TITLE: Director of Public Works

SIGNATURE: [signature]

DATE: 6-3-2021

SWORN AND SUBSCRIBED BEFORE ME by Mark Hatzenbuhler on the 3rd day of June 2021 which witness by hand and seal of office.

[signature]
Notary Public

Michelle Trujillo
Printed Name

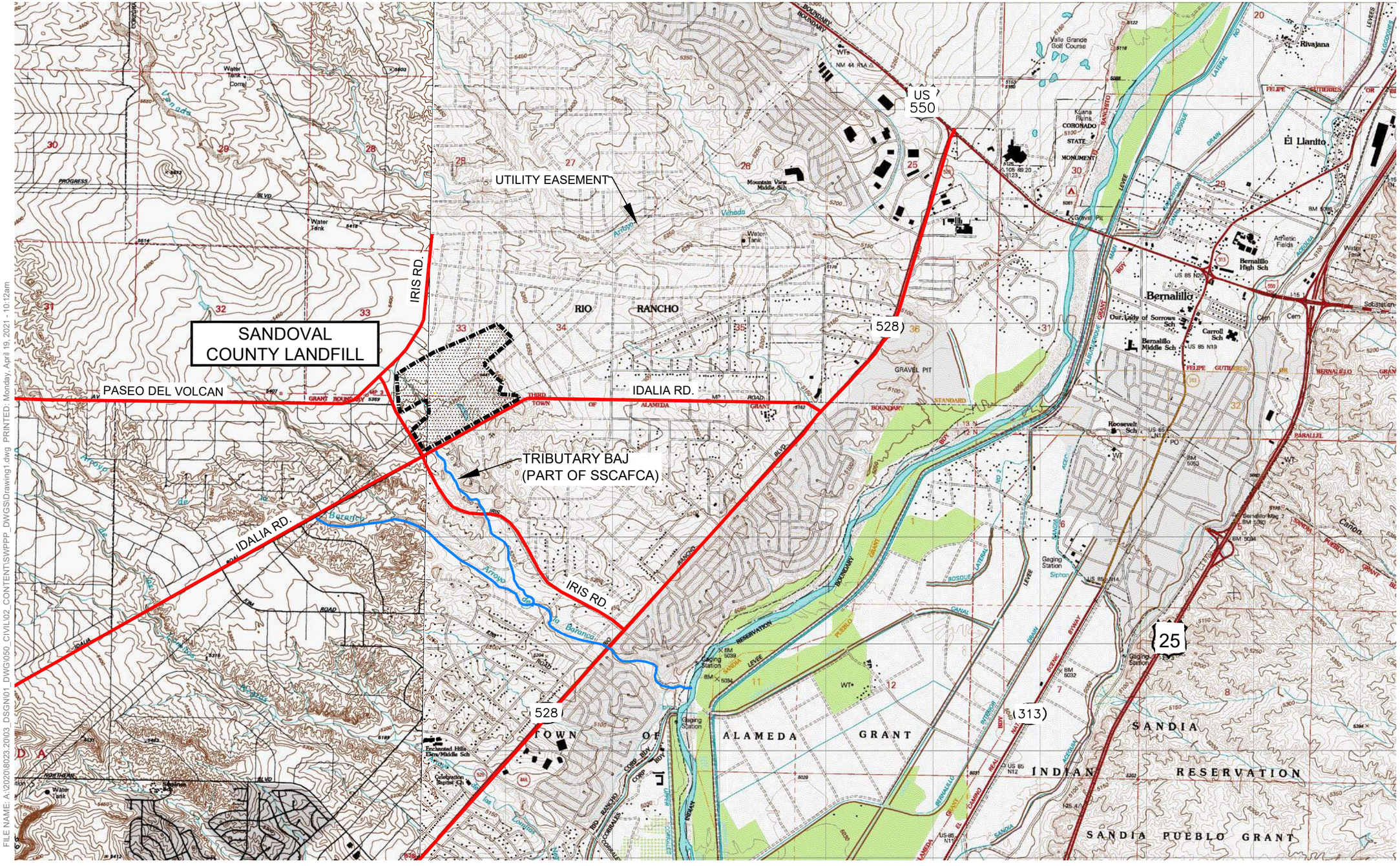
10/22/2022
My Commission Expires

OFFICIAL SEAL
Michelle Trujillo
Notary Public
State of New Mexico
My Commission Expires: 10/22/2022

FIGURES

FIGURE 1

General Location Map



FILE NAME: A:\2020\8023.20\03_DSGN\01_DWG\050_CIVIL\02_CONTENTS\SWPPP_DWGS\Drawing1.dwg PRINTED: Monday, April 19, 2021 - 10:12am

Parkhill

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Sandoval County Landfill
Stormwater Pollution Prevention Plan

Sandoval County
2708 Iris Road
Rio Rancho, NM 87144

Site Location Map

Issue:	
Date:	5/17/2021
Project No:	8023.20
Sheet:	FIGURE 1

FIGURE 2

Potential Pollutant Sources and Site Drainage Map

LEGEND

- PROPERTY BOUNDARY
- EXISTING UNIT LIMIT OF WASTE
- CELL BOUNDARY
- 5370 — 10' EXISTING GRADE CONTOUR
- 2' EXISTING GRADE CONTOUR
- EXISTING CULVERT
- EXISTING FENCE
- PAVED ROAD (EXISTING)
- 22 — UNPAVED ACCESS ROADS (EXISTING)
- PAVED AREA
- PNM UTILITY EASEMENT BOUNDARY
- GAS CO. UTILITY EASEMENT BOUNDARY
- STORMWATER FLOW
- STORMWATER BASIN (EXISTING)
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT (3)
- MW-7 — EXISTING GROUNDWATER MONITORING WELL
- LFG-2 — EXISTING LFG GAS PROBE (ACTIVE)
- LFG-1 — EXISTING LFG GAS PROBE (INACTIVE)
- HV~503 5369.53 — SURVEY CONTROL POINT
- SITE GRID

LANDFILL STRUCTURES AND ACTIVITIES LIST	
Location Number	**Description**
1	Scalehouse
2	**Convenience Center**
3	Convenience Recycling Area
4	Recycling Center
5	Storage Sheds
6	Spotter's Shed
7	**Employee Breakroom**
8	**Sandoval County Public Works Offices**
9	**Sandoval County Roads & Maintenance Building/Equipment Parking**
10	Maintenance Building Catch Basin
11	Leachate Sump Risers and Cleanouts
12	**Salt/Cinder Storage Shed**
13	**Salt/Cinder Pile**
14	**Fueling Station**
15	Active Disposal Area **(Mobile Fuel Truck)**
16	City of Rio Rancho Public Works Department
17	Central Stormwater Detention Basin
18	South Stormwater Detention Basin
19	East Stormwater Retention Basin
20	Stormwater Drainage Swales
21	**Access Roads**
22	**Composting Facility**
23	Outfall/Sampling Location (001)
24	Rock Crusher/Waste Shredder
25	Temporary Special Waste Storage Area
26	Temporary PCS Storage Area
27	Mortality Composting Area
28	Green Waste Stockpile
NOTE: BOLDED LOCATIONS INDICATE POTENTIAL POLLUTANT SOURCES (SEE TABLE 3.2 FOR POTENTIAL POLLUTANT SUMMARY)	

EXISTING UNIT ACREAGES	
UNIT I	29.4 ACRES±
UNIT II	19.5 ACRES±
UNIT III	63.6 ACRES±
UNIT IV	30.7 ACRES±

NOTES:
1. AERIAL TOPOGRAPHIC SURVEY BY AEROTECH MAPPING INC., 6565 AMERICAN PARKWAY N.E., ALBUQUERQUE, NM 87111
   PHONE: (520-561-6537) FAX (505 256-3328)
   EMAIL: TimBurrows@atmlv.com
   DATE OF PHOTOGRAPHY: 01-13-2014.
2. SURVEY CONTROL POINTS BY : SURVEYING CONTROL, INC., 131 MADISON St. N.E., ALBUQUERQUE, NM 87108
   PHONE: (505-266-0935) FAX (505-266-9985) DATE OF SURVEY: 01-13-2014

CONTROL POINT DATA				
	NORTHING	EASTING	PANEL ELEVATION	DESCRIPTION
501	1567982.35	1527461.08	5370.34	PP-501
502	1570293.88	1531074.96	5354.66	PP-502
503	1567798.82	1529894.61	5369.53	PP-503
504	1565822.71	1528883.42	5316.47	PP-504
505	1567834.53	1532385.04	5371.17	PP-505

NOTES:
1. ALL POINTS ARE FLUSH WITH THE GROUND.
2. THE COORDINATES AND ELEVATIONS FOR THE PHOTO CONTROL POINTS ON THE ABOVE REFERENCED PROJECT. THE COORDINATES ARE MODIFIED (SURFACE) NEW MEXICO STATE PLANE COORDINATES – CENTRAL ZONE, NAD 83 (NSRS2007), AND HAVE BEEN ADJUSTED TO NGS MONUMENTS "EAGLEAIR", TO OBTAIN TRUE STATE PLANE GRID COORDINATES, MULTIPLY THE COORDINATES BELOW BY THE PROJECT, AVERAGE COMBINED FACTOR CF = 0.999961430. THE ELEVATIONS ARE NAVD 88, AND HAVE BEEN ADJUSTED TO THE NGS 1ST ORDER BENCHMARK "5424". THE COORDINATES AND ELEVATIONS ARE EXPRESSED IN U. S. SURVEY FEET.

NORTH

0 250' 500'

NOT FOR CONSTRUCTION

Parkhill

Parkhill.com

Sandoval County Landfill
Rio Rancho, NM

Stormwater Pollution Prevention Plan

CLIENT
Sandoval County
Public Works Department
2708 Iris Road
Rio Rancho, NM 87144

PROJECT NO.
8023.20

#	DATE	DESCRIPTION

Potential Pollutant Sources and Site Drainage Map

FIGURE 2

APPENDIX A

NPDES Multi-Sector General Permit

https://files.myprimitive.cloud/uploads/47df70b403aa57e84238e277fc7b68489b3f915e.pdf

APPENDIX B

Notice of Intent and Supporting Documentation

- **2021 Notice of Intent**
- **NOI Development Data**
    - Watercourse, Floodplains, and Wetlands Investigation
    - Climate Summary
    - Threatened and Endangered Species
    - Archeological Survey and Sitting Criteria
- **EPA Correspondence**

2021 Notice of Intent

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: NMR053600

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:**

    NMR053600

- **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)?

SANDOVAL COUNTY LANDFILL

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)?

SANDOVAL COUNTY LANDFILL

Operator Information

Operator Information

Operator Name: SANDOVAL COUNTY LANDFILL

Operator Mailing Address

Address Line 1: 2708 Iris Rd NE

Address Line 2:

City: Rio Rancho

ZIP/Postal Code: 87144

State: NM

County or Similar Division: Sandoval

Operator Point of Contact Information

First Name Middle Initial Last Name: Christopher Perea

Title: Landfill Manager

Phone: 505-867-0814 **Ext.:**

Email: cperea@sandovalcountynm.gov

NOI Preparer Information

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

First Name Middle Initial Last Name: Edward N Crawley

Organization: Parkhill

Phone: 806-473-3736 **Ext.:**

Email: ncrawley@parkhill.com

Facility Information

Facility Information

Facility Name: SANDOVAL COUNTY LANDFILL

Facility Address

Address Line 1: 2708 IRIS ROAD

Address Line 2:

City: RIO RANCHO

ZIP/Postal Code: 87144

State: NM

County or Similar Division: Sandoval

Latitude/Longitude for the Facility

Latitude/Longitude: 35.3064°N, 106.622°W

Latitude/Longitude Data Source: Map **Horizontal Reference Datum:** WGS 84

General Facility Information

What is the ownership type of the facility? County Government

Estimated area of industrial activity at your facility exposed to stormwater (rounded to the nearest quarter acre): 113

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: L **Primary Subsector:** L1

Primary Activity Code: LF

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

Federal Effluent Limitation Guidelines

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

40 CFR Part/Subpart	Eligible Discharges	Affected MSGP Sector	New Source Date	Applicability
Part 445, Subpart A & B	Runoff from hazardous waste and non-hazardous waste landfills	L	02/28/2000	**Does your facility have any discharges subject to this effluent limitation guideline?** Yes

Are you requesting permit coverage for any stormwater discharges subject to effluent limitation guidelines? 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)? Yes

➔ **If yes, provide the name of the MS4 operator:** Southern Sandoval County Arroyo Flood Control Auth.

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
☑	**L** - LANDFILLS, LAND APPLICATION SITES, AND OPEN DUMPS	**L1** - All Landfill, Land Application Sites and Open Dumps	LF

Latitude/Longitude: 35.302692°N, 106.624057°W

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

Receiving Water

GNIS Name:
n/a

Waterbody Name:
Arroyo de la Baranca

Listed Water ID:
n/a

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 for determining if the receiving water is listed as impaired on the 303(d) list and in need of a TMDL, the cause(s) of the impairment if the receiving water is impaired on the CWA 303(d) list, if a TMDL has been completed for the receiving waterbody, and the TMDL ID and pollutants for which there is a TMDL may be outdated and inaccurate. It is recommended that you consult with your state's guidance for discharges into impaired waters to determine the correct pollutants and TMDLS and update the causes for the impairment and TMDL information accordingly.

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

Has a TMDL been completed for this receiving waterbody? No

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: Christopher Perea

Phone: 505-867-0814 **Ext.:**

Email: cperea@sandovalcountynm.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): https://parkhill.com/new-mexico-permits/

☐ **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.

Stormwater within the site is controlled through berms, ditches, and grading to direct water to one of the three stormwater retention basins around the site designed to hold a 25 year 24 hour storm event. The landfill property encompasses 178 acres and the action area defined for the Sandoval County's Landfill stormwater discharge extends southeast from the site 1.5 miles to the La Barranca Arroyo. The La Barranca Arroyo eventually feeds the Rio Grande approximately 2.5 miles southeast of the site. The flow is significantly diluted before reaching the Arroyo and further diluted before reaching the Rio Grande River. The discharge is not expected to adversely affect any wildlife or habitats.

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
Sandoval_IPAC_Map.PNG (attachment/718169)	05/28/2021	3.35 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):

USFWS IPAC was consulted to provide an official species list for the property action area. The IPAC denoted ESA-listed species but the location of the critical habitat is not available. The agency provided there are no critical habitats within your project area under this office's jurisdiction.

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
03e_USFWS_IPAC_Species List.pdf (attachment/718173)	05/28/2021	384.22 KB
03e_NMERT_Correspondance.pdf (attachment/718175)	05/28/2021	245.54 KB
Sandoval_Aerial_Photo.pdf (attachment/718177)	05/28/2021	829 B

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 <u>new</u> 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: Christopher A. Perea

Certifier Title: Landfill Manager

Certifier Email: cperea@sandovalcountynm.gov

Certified On: 06/03/2021 10:49 AM ET

NOI Development Data

Watercourse, Floodplains, and Wetlands Investigation

CCRC EnviroMapper

May 26, 2021

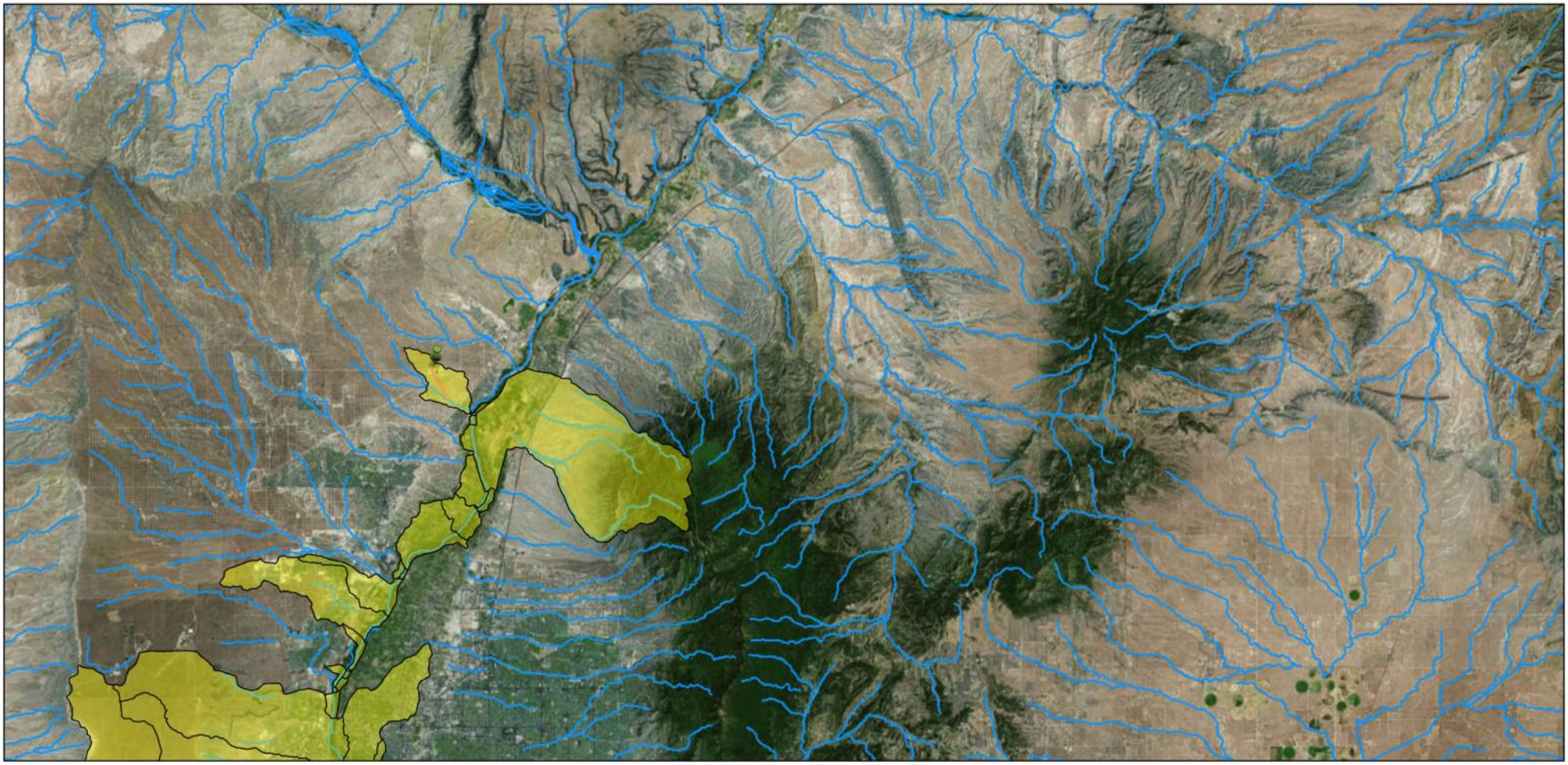
1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

- Wild and Scenic Rivers
- Sole Source Aquifers
- Water Bodies
- Streams
- Impaired Waterbodies
- Impaired Streams
- Impaired Water Points

Sandoval County Landfill Receiving Waters



5/26/2021, 10:51:12 AM

Result: Link Path

Result: Catchments Selected

Result: Delineated Area

Streams

1:288,895

0 2.75 5.5 11 mi

0 4.5 9 18 km

US Environment Protection Agency

NOTES TO USERS

use in administering the National Flood Insurance Program. It
arily identify all areas subject to flooding, particularly from local
s of small size. The **community map repository** should be
sible updated or additional flood hazard information.

detailed information in areas where **Base Flood Elevations**
odways have been determined, users are encouraged to consult
s and Floodway Data and/or Summary of Stillwater Elevations
within the Flood Insurance Study (FIS) report that accompanies
s should be aware that BFEs shown on the FIRM represent
oot elevations. These BFEs are intended for flood insurance
ely and should not be used as the sole source of flood elevation
ingly, flood elevation data presented in the FIS report should
njunction with the FIRM for purposes of construction and/or
ement.

ood Elevations shown on this map apply only landward of 0.0'
ertical Datum of 1988 (NAVD 88). Users of this FIRM should be
l flood elevations are also provided in the Summary of Stillwater
n the Flood Insurance Study report for this jurisdiction. Elevations
ummary of Stillwater Elevations table should be used for
or floodplain management purposes when they are higher than
own on this FIRM.

s floodways were computed at cross sections and interpolated
ctions. The floodways were based on hydraulic considerations
uirements of the National Flood Insurance Program. Floodway
pertinent floodway data are provided in the Flood Insurance
his jurisdiction.

t in Special Flood Hazard Areas may be protected by **flood**
es. Refer to Section 2.4 "Flood Protection Measures" of the
Study report for information on flood control structures for this

sed in the preparation of this New Mexico State Plane.
The **horizontal datum** was NAD 83, GRS80 spheroid.
tum, spheroid, projection or State Plane zones used in the
RMs for adjacent jurisdictions may result in slight positional
o features across jurisdiction boundaries. These differences do
uracy of this FIRM.

on this map are referenced to the North American Vertical
These flood elevations must be compared to structure and
s referenced to the same **vertical datum**. For information
sion between the National Geodetic Vertical Datum of 1929
erican Vertical Datum of 1988, visit the National Geodetic Survey
(www.ngs.noaa.gov or contact the National Geodetic Survey
ddress:

Services
Survey SSMC-3, #9202
Highway
ryland 20910-3282

elevation, description, and/or location information for **bench**
this map, please contact the Information Services Branch of the
tic Survey at **(301) 713-3242**, or visit its website at
ea.gov.

mation shown on this FIRM was derived from U.S. Geological
thophoto Quadrangles at a scale of 1:12,000 from photography
ater, and from Bohannan Huston Inc. at a scale of 1:12,000
dated 2003 or later.

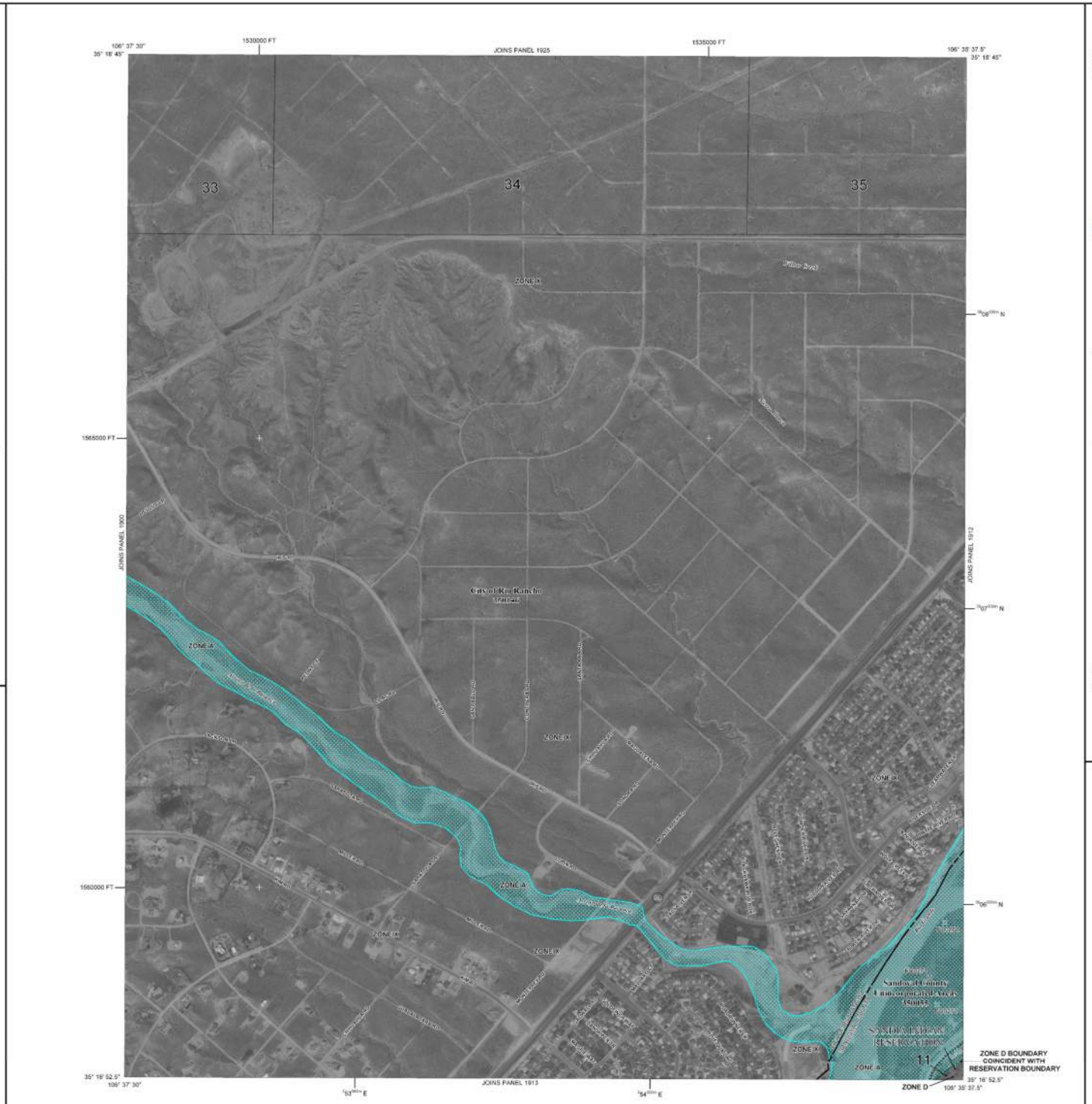
more detailed and up-to-date **stream channel configurations**
on the previous FIRM for this jurisdiction. The floodplains and
re transferred from the previous FIRM may have been adjusted
se new stream channel configurations. As a result, the Flood
dway Data tables in the Flood Insurance Study report (which
tive hydraulic data) may reflect stream channel distances that
shown on this map.

shown on this map are based on the best data available at the
n. Because changes due to annexations or de-annexations may
r this map was published, map users should contact appropriate
ls to verify current corporate limit locations.

he separately printed **Map Index** for an overview map of the
he layout of map panels; community map repository addresses;
Communities table containing National Flood Insurance Program
ommunity as well as a listing of the panels on which each
ded.

A Map Service Center at 1-800-358-9616 for information on
ts associated with this FIRM. Available products may include
Letters of Map Change, a Flood Insurance Study report, and/or
this map. The FEMA Map Service Center may also be reached
58-9620 and its website at http://www.msc.fema.gov.

ions about this map or questions concerning the National Flood
m in general, please call **1-877-FEMA MAP** (1-877-336-2627)
website at http://www.fema.gov/business/nfip.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs
INUNDATION BY THE 1% ANNUAL CHANCE

The 1% annual flood (100-year flood), also known as the base flood, is the
chance of being equaled or exceeded in any given year. The Special Floo
area subject to flooding by the 1% annual chance flood. Areas of Special
Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation
elevation of the 1% annual chance flood.

ZONE A — No Base Flood Elevations determined.
ZONE AE — Base Flood Elevations determined.
ZONE AH — Flood depths of 1 to 3 feet (usually areas of po
Elevations determined.
ZONE AO — Flood depths of 1 to 3 feet (usually sheet flow on slop
depths determined. For areas of alluvial fan flood
determined.
ZONE AR — Special Flood Hazard Area formerly protected from th
flood by a flood control system that was subsequently
indicates that the former flood control system is being
protection from the 1% annual chance or greater flood
ZONE A99 — Area to be protected from 1% annual chance flood
protection system under construction; no Base
determined.
ZONE V — Coastal flood zone with velocity hazard (wave act
Elevations determined.
ZONE VE — Coastal flood zone with velocity hazard (wave
Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas t
of encroachment so that the 1% annual chance flood can be carried without
in flood heights.

OTHER FLOOD AREAS

ZONE X — Areas of 0.2% annual chance flood; areas of 1% annu
average depths of less than 1 foot or with drainag
square mile; and areas protected by levees from 1% a

OTHER AREAS

ZONE X — Areas determined to be outside the 0.2% annual chanc
ZONE D — Areas in which flood hazards are undetermined, but po

COASTAL BARRIER RESOURCES SYSTEM (CBR
OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Floo

1% annual chance floodplain boundary
0.2% annual chance floodplain boundary
Floodway boundary
Zone D boundary
CBRS and OPA boundary
Boundary dividing Special Flood Hazard Are
Flood Elevations, flood depths or flood velocit
513 — Base Flood Elevation line and value; elevation
(EL. 987) — Base Flood Elevation value where uniform w
in feet*
* Referenced to the North American Vertical Datum of 1988
A — A — Cross section line
23 — 23 — Transect line
87°07'45", 32°22'30" — Geographic coordinates referenced to the ho
of 1983 (NAD 83)
4319000m mE — 1000-meter Universal Transverse Mercator gr
600000 FT — 5000-foot grid ticks: New Mexico State
system, Central zone (FIPSZONE 3002), Tra
projection
DX5510 — Bench mark (see explanation in Notes to
FIRM panel)
M1.5 — River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
July 16, 1996

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
March 16, 2006 - to update map format

For community map revision history prior to countywide mapping, refer to
History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your
the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 191

FIRM
FLOOD INSURANCE
SANDOVAL CO
NEW MEXICO
AND INCORPORATI

PANEL 1911 OF 2225
(SEE MAP INDEX FOR FIRM

CONTAINS:

COMMUNITY	NUMBER
RIO RANCHO, CITY OF	350146
SANDOVAL COUNTY, UNINCORPORATED AREAS	350055

Notice to User: The **Map Number** of
used when placing map orders. The
shown above should be used on insu
the subject community.

MA

Federal Emergency Mana

Climate Summary

CORRALES, NEW MEXICO (292100)

Period of Record Monthly Climate Summary

Period of Record : 10/06/1982 to 06/08/2016

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	49.3	55.1	63.5	71.8	80.8	89.9	91.7	89.0	83.0	71.5	58.5	48.2	71.0
Average Min. Temperature (F)	20.0	23.8	29.1	35.3	42.7	51.1	58.5	57.9	49.0	36.7	26.5	19.8	37.5
Average Total Precipitation (in.)	0.41	0.44	0.67	0.65	0.53	0.65	1.42	1.87	1.05	1.00	0.60	0.62	9.91
Average Total SnowFall (in.)	2.0	1.6	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.5	2.3	8.1
Average Snow Depth (in.)	0	0	0	0	0	0	0	0	0	0	0	0	0

Percent of possible observations for period of record.
Max. Temp.: 93.2% Min. Temp.: 93.2% Precipitation: 92.8% Snowfall: 93.4% Snow Depth: 92.2%
Check Station Metadata or Metadata graphics for more detail about data completeness.

Western Regional Climate Center, wrcc@dri.edu

Threatened and Endangered Species

GOVERNOR
Michelle Lujan Grisham

DIRECTOR AND SECRETARY
TO THE COMMISSION
Michael B. Sloane

STATE OF NEW MEXICO
DEPARTMENT OF GAME & FISH

One Wildlife Way, Santa Fe, NM 87507

Post Office Box 25112, Santa Fe, NM 87504

Tel: (505) 476-8000 | Fax: (505) 476-8131

For information call: (888) 248-6866

www.wildlife.state.nm.us

20 May 2021

Mr. Nash Crawley
Parkhill
4222 85th St
Lubbock, TX 79423

RE: Sandoval County Landfill Storm Water Pollution Prevention Plan; NMDGF No. NMERT-1228

Dear Mr. Crawley:

In response to your email dated 18 May 2021 and your submission to the NM Environmental Review Tool regarding the above referenced project, the Department of Game and Fish (Department) does not anticipate significant impacts to wildlife or sensitive habitats.

Included below are sources of additional information:

1. For Biota Information System of New Mexico (BISON-M) species accounts, searches, and county lists go to bison-m.org.
2. For the Department's Habitat Handbook Project guidelines go to http://www.wildlife.state.nm.us/conservation/habitat-information/habitat-handbook/.
3. For custom, site-specific database searches on plants and wildlife go to nhnm.unm.edu.
4. For state-listed plants go to nmrareplants.unm.edu/index.html.
5. For the most current listing of federally listed species **always** check the U.S. Fish and Wildlife Service's Information, Planning, and Conservation website at http://ecos.fws.gov/ipac/.

Thank you for the opportunity to review and comment on the proposed project. If you have any questions, please contact Meaghan Conway, Aquatic and Riparian Habitat Specialist, at Meaghan.Conway@state.nm.us.

Sincerely,

Matthew Wunder Ph.D.
Chief, Ecological and Environmental Planning Division

PROJECT INFORMATION

Project Title:	Sandoval County Landfill
Project Type:	STORMWATER POLLUTION PREVENTION PLAN
Latitude/Longitude (DMS):	35.307568 / -106.622436
County(s):	SANDOVAL
Project Description:	Sandoval County Landfill SWPPP update to adhere to 2021 MSGP regulations. Facility operations and processes remain same as indicated in 2015 SWPPP aside from additional monitoring required under 2021 MSGP. The former 2015 SWPPP is attached for reference.

REQUESTOR INFORMATION

Project Organization:	
Contact Name:	Nash Crawley
Email Address:	ncrawley@parkhill.com
Organization:	Parkhill
Address:	4222 85th Street, Lubbock TX 79423
Phone:	8064732200

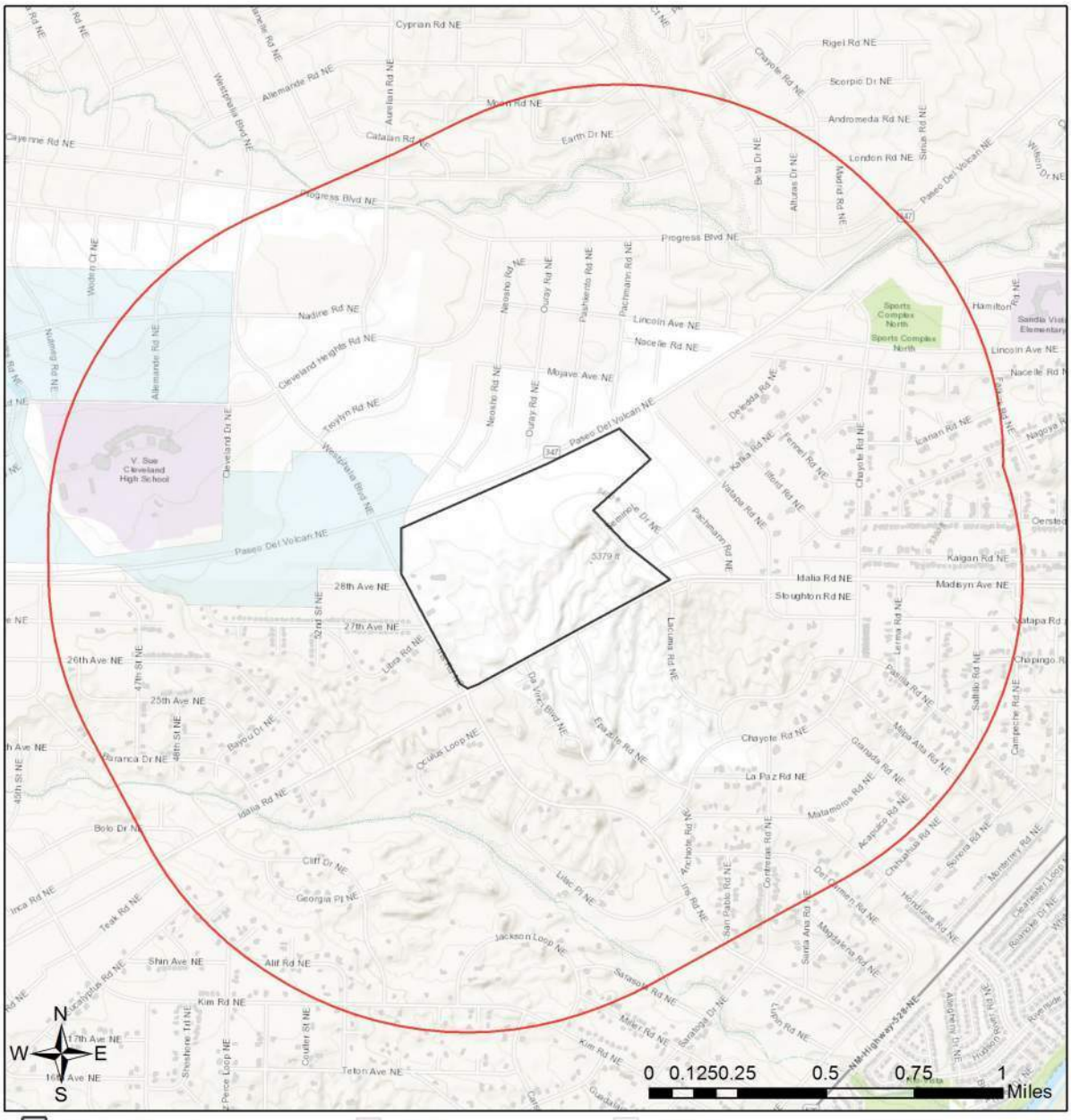
OVERALL STATUS

The information contained within this report comprises the recommendations of the New Mexico Department of Game and Fish (Department) for management and mitigation of proposed project impacts to wildlife and habitat resources. No further consultation with the Department is required.

About this report:

- This environmental review is based on the project description and location that was entered. The report must be updated if the project type, area, or operational components are modified.
- This is a preliminary environmental screening assessment and report. It is not a substitute for the potential wildlife knowledge gained by having a biologist conduct a field survey of the project area. Federal status and plant data are provided as a courtesy to users. The review is also not intended to replace consultation required under the federal Endangered Species Act (ESA), including impact analyses for federal resources from the U.S. Fish and Wildlife Service (USFWS) using their Information for Planning and Consultation tool.
- The New Mexico Environmental Review Tool (ERT) utilizes species observation locations and species distribution models, both of which are subject to ongoing change and refinement. Inclusion or omission of a species within a report can not guarantee species presence or absence at a precise point location, as might be indicated through comprehensive biological surveys. Specific questions regarding the potential for adverse impacts to vulnerable wildlife populations or habitats, especially in areas with a limited history of biological surveys, may require further on-site assessments.
- The Department encourages use of the ERT to modify proposed projects for avoidance, minimization, or mitigation of wildlife impacts. However, the ERT is not intended to be used in a repeatedly iterative fashion to adjust project attributes until a previously determined recommendation is generated. The ERT serves to asses impacts once project details are developed. The New Mexico Crucial Habitat Assessment Tool is the appropriate system for advising early-stage project planning and design to avoid areas of anticipated wildlife concerns and associated regulatory requirements.

Sandoval County Landfill



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Special Status Animal Species within 1 Miles of Project Area

Common Name	Scientific Name	USFWS (ESA)	NMDGF (WCA)	NMDGF SGCN/SERI
Northern Leopard Frog	Lithobates pipiens			SGCN
Eared Grebe	Podiceps nigricollis			SGCN
American Bittern	Botaurus lentiginosus			SGCN
Bald Eagle	Haliaeetus leucocephalus		T	SGCN
Aplomado Falcon	Falco femoralis		E	SGCN
Peregrine Falcon	Falco peregrinus		T	SGCN
Mountain Plover	Charadrius montanus			SGCN
Elf Owl	Micrathene whitneyi			SGCN
Western Burrowing Owl	Athene cunicularia hypugaea			SGCN
Lewis's Woodpecker	Melanerpes lewis			SGCN
Red-Headed Woodpecker	Melanerpes erythrocephalus			SGCN
Williamson's Sapsucker	Sphyrapicus thyroideus			SGCN
Olive-Sided Flycatcher	Contopus cooperi			SGCN
Bank Swallow	Riparia riparia			SGCN
Pinyon Jay	Gymnorhinus cyanocephalus			SGCN
Clark's Nutcracker	Nucifraga columbiana			SGCN
Juniper Titmouse	Baeolophus ridgwayi			SGCN
Pygmy Nuthatch	Sitta pygmaea			SGCN
Western Bluebird	Sialia mexicana			SGCN
Bendire's Thrasher	Toxostoma bendirei			SGCN
Loggerhead Shrike	Lanius ludovicianus			SGCN
Gray Vireo	Vireo vicinior		T	SGCN
Painted Redstart	Myioborus pictus			SGCN
Spotted Bat	Euderma maculatum		T	SGCN
Black-Tailed Prairie Dog	Cynomys ludovicianus			SGCN
Gunnison's Prairie Dog	Cynomys gunnisoni			SGCN
Cougar	Puma concolor			SERI
Mule Deer	Odocoileus hemionus			SERI

ESA = Endangered Species Act, WCA = Wildlife Conservation Act, SGCN = Species of Greatest Conservation Need, SERI = Species of Economic and Recreational Importance

Project Recommendations

The Department has reviewed your request for information regarding the above referenced project and provides the following information for the development of your Storm Water Pollution Prevention Plan.
Construction areas and other impervious surfaces can have significant impacts on surface waters by increasing the amount of sediment and other pollutants that are washed into surface waters, increasing the velocity and volume of water, and reducing infiltration into groundwater. Reducing the amount of impervious surfaces and phasing construction will reduce these impacts. The Department provides the following additional recommendations to minimize or eliminate impacts to wildlife and wildlife habitat:

- Divert water around construction site whenever possible.
- Preserve natural areas within the project site. Strive to maintain the natural drainage system of the site, including natural stream channels, wetlands, and floodplains. Design, construct, and maintain the site to protect (or restore) the natural hydrology.
- Following construction, disturbed areas should be re-vegetated using native species that approximate pre-disturbance plant community composition or native plant communities likely to be found in the area, whichever is more beneficial to wildlife. Short-term erosion control seed mixes are available for temporary control of surface erosion during project implementation; native mixes should be used for temporary as well as permanent erosion control. Native plants and materials should also be used for landscaping. All seed mixtures should be certified as weed-free. New Mexico grass ecotypes for commercial seeding are available through the Los Lunas Plant Materials Center and New Mexico State University. Seeding guidelines are available from the Natural Resources Conservation Service and the Colorado Natural Areas Program.
- Maintain a vegetated buffer zone along all watercourses, including ephemeral arroyos, sufficient to minimize erosion and sediment delivery.
- Use properly engineered drainage swales and other vegetated channel systems instead of storm sewers, lined channels, curbs, and gutters. Vegetated swales should be gently sloped (4:1) so that small wildlife is able to maneuver them.
- Efforts should be made during construction to minimize impacts on vegetative communities. Existing roads and rights-of-way should be used for all transportation. Off-road driving should be avoided. Staging areas should be located in previously disturbed sites, where possible, and kept as small as possible.

Burrowing owl is known to occur within or near your project area. Before any ground disturbing activities occur, the Department recommends that a preliminary survey be conducted between April and September, using the Department's burrowing owl survey protocol. Should burrowing owls be documented in the project area, please contact the Department or USFWS for further recommendations regarding relocation or avoidance of impacts.

The proposed project occurs near an important bat area. This area may contain important bat roosting resources, such as caves or mines, that potentially could be affected by certain project activities. Follow the guidelines below to minimize disturbance to roosting bats.

- Avoid use of pesticides, firearms, open-flame torches, or heavy smoke-producing equipment, especially from April through September.
- If artificial lighting is need, use only light sources powered by batteries, or cyalume glow/light sticks. Keep the site clean by picking up refuse or materials from project lighting or operations whenever they are shut down.
- For any surface disturbing activities, the project footprint (including a 350 foot buffer) should avoid potential roost sites such as caves or mines, especially from April through July. Tree clearing activities and prescribed burns should include a minimum 0.5 mile buffer from any such features.
- If caves, mines, bridges, or other man-made structure suitable as potential bat roosts are encountered within the project area, they should not be entered during any time of year, and no roosting or hibernating bats should be contacted or disturbed. Report any dead or injured bats to the New Mexico Department of Game and Fish, who can facilitate contacts with other appropriate personnel.

Disclaimers regarding recommendations:

- The Department provides technical guidance to support the persistence of all protected species of native fish and wildlife, including game and nongame wildlife species. Species listed within this report include those that have been documented to occur within the project area, and others that may not have been documented but are projected to occur within the project vicinity.
- Recommendations are provided by the Department under the authority of § 17-1-5.1 New Mexico Statutes Annotated 1978, to provide "communication and consultation with federal and other state agencies, local governments and communities, private organizations and affected interests responsible for habitat, wilderness, recreation, water quality and environmental protection to ensure comprehensive conservation services for hunters, anglers and nonconsumptive wildlife users".
- The Department has no authority for management of plants or Important Plant Areas. The New Mexico Endangered Plant Program, under the Energy, Minerals, and Natural Resources Department's Forestry Division, identifies and develops conservation measures necessary to ensure the survival of plant species within New Mexico. Plant status information is provided within this report as a courtesy to users. Recommendations provided within the ERT may not be sufficient to preclude impacts to rare or sensitive plants, unless conservation measures are identified in coordination with the Endangered Plant Program.
- Additional coordination may also be necessary under the federal ESA or National Environmental Policy Act (NEPA). Further site-specific recommendations may be proposed during ESA and/or NEPA analyses, or through coordination with affected federal agencies.

United States Department of the Interior

FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
Phone: (505) 346-2525 Fax: (505) 346-2542
http://www.fws.gov/southwest/es/NewMexico/
http://www.fws.gov/southwest/es/ES_Lists_Main2.html

In Reply Refer To: May 17, 2021
Consultation Code: 02ENNM00-2021-SLI-1025
Event Code: 02ENNM00-2021-E-02414
Project Name: Sandoval County Landfill

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

To Whom It May Concern:

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

FEDERALLY-LISTED SPECIES AND DESIGNATED CRITICAL HABITAT

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

If you determine that your proposed action may affect federally-listed species, consultation with the Service will be necessary. Through the consultation process, we will analyze information contained in a biological assessment that you provide. If your proposed action is associated with

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

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

Candidate Species and Other Sensitive Species

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

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

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

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

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

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

WETLANDS AND FLOODPLAINS

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

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

MIGRATORY BIRDS

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

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

BALD AND GOLDEN EAGLES

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

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

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

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

Attachment(s):

- Official Species List
- Migratory Birds

Official Species List

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

This species list is provided by:

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

Project Summary

Consultation Code: 02ENNM00-2021-SLI-1025
Event Code: 02ENNM00-2021-E-02414
Project Name: Sandoval County Landfill
Project Type: Landfill
Project Description: Stormwater Pollution Prevention Plan (SWPPP) update to adhere to 2021 MSGP regulations. Landfill operations and processes remain the same as stated in 2015 SWPPP aside from additional monitoring required under 2021 MSGP.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@35.30812975,-106.6234006673959,14z

Counties: Sandoval County, New Mexico

Endangered Species Act Species

There is a total of 7 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

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

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

Mammals

NAME	STATUS
New Mexico Meadow Jumping Mouse *Zapus hudsonius luteus* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/7965	Endangered

Birds

NAME	STATUS
Mexican Spotted Owl *Strix occidentalis lucida* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/8196	Threatened
Southwestern Willow Flycatcher *Empidonax traillii extimus* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered
Yellow-billed Cuckoo *Coccyzus americanus* Population: Western U.S. DPS There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/3911	Threatened

Amphibians

NAME	STATUS
Jemez Mountains Salamander *Plethodon neomexicanus*	Endangered

There is **final** critical habitat for this species. The location of the critical habitat is not available.
Species profile: https://ecos.fws.gov/ecp/species/4095

Fishes

NAME	STATUS
Rio Grande Cutthroat Trout *Oncorhynchus clarkii virginalis*	Candidate

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/920

Rio Grande Silvery Minnow *Hybognathus amarus*	Endangered

Population: Wherever found, except where listed as an experimental population
There is **final** critical habitat for this species. The location of the critical habitat is not available.
Species profile: https://ecos.fws.gov/ecp/species/1391

Critical habitats

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

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

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

---

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

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Dec 1 to Aug 31
Brewer's Sparrow *Spizella breweri* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9291	Breeds May 15 to Aug 10

NAME	BREEDING SEASON
Burrowing Owl *Athene cunicularia* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9737	Breeds Mar 15 to Aug 31
Golden Eagle *Aquila chrysaetos* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31
Lewis's Woodpecker *Melanerpes lewis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9408	Breeds Apr 20 to Sep 30
Olive-sided Flycatcher *Contopus cooperi* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3914	Breeds May 20 to Aug 31
Rufous Hummingbird *selasphorus rufus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8002	Breeds elsewhere
Virginia's Warbler *Vermivora virginiae* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9441	Breeds May 1 to Jul 31
Willow Flycatcher *Empidonax traillii* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/3482	Breeds May 20 to Aug 31

Probability Of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see

below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

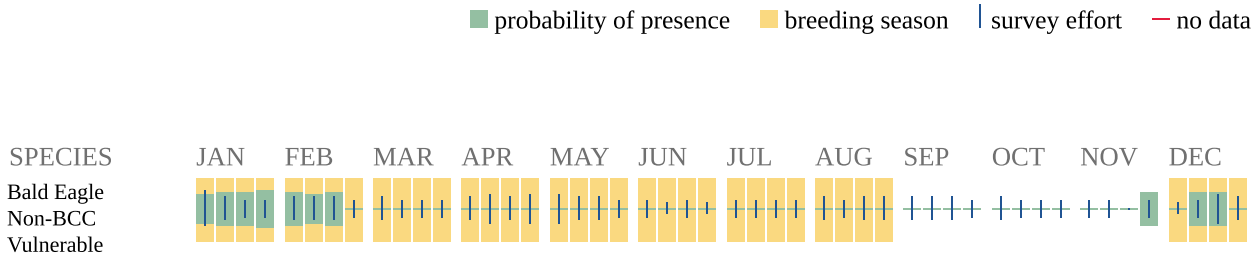
1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

Migratory Birds FAQ

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

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits

may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?
The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

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

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?
The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

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

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

What are the levels of concern for migratory birds?
Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);

2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

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

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

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

What if I have eagles on my list?
If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

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

should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Archeological Survey and Sitting Criteria

7.0 ARCHAEOLOGICAL SURVEYS

Section 302.A.5 of 20 NMAC 9.1 states that:

"no municipal or special waste landfill shall be located within historically or archaeologically significant sites, unless in compliance with the Cultural Properties Act and the Prehistoric and Historic Sites Preservation Act.

To demonstrate compliance with the above provision, there have been two archaeological surveys for the SCLF properties (**Figure IV.1.8**). The first survey, (**Attachment IV.1.C**), was conducted by Lone Mountain Archaeological Services, Inc. in 1994 in conjunction with the original permitting. This survey was performed on the property proposed for initial permitting (Weston, 1997). Seven isolated objects and twelve archaeological sites were identified, nine of which (archaeological sites) were recommended as eligible to the National Register of Historic Places.

The State Historic Preservation Office (SHPO) granted clearance for the site in 1995 (**Attachment IV.1.D**) provided additional testing and data recovery was performed on ten of the twelve sites. Lone Mountain conducted an extensive excavation and data recovery program that is documented in *"Excavations at Lru-Kish Kachreu and Other Sites at the Sandoval County Landfill"* in 1997.

The Quivera Research Center conducted an archaeological clearance survey for the additional 63 ± acres extension in October of 2003 (**Attachment IV.1.E**). One isolated object and no archaeological sites were encountered during this survey. A finding of "No Historical Properties Affected" was issued by SHPO for this survey (**Attachment IV.1.F**), and no further action is required for this survey area.

8.0 DISTANCE TO WATER WELLS

Sections 302.A.6&7 of 20 NMAC 9.1 state that:

"no municipal or special waste landfill shall be located within 1,000 feet of public water supply well or private well that pumps 100 gallons per minute or more: or within 350 feet of a public water supply well or private well that pumps less than 100 gallons per minute."

EPA Correspondence

APPENDIX C

Additional MSGP Documentation

ATTACHMENT 1

Inspection and Monitoring Schedule Checklist

Attachment 1
Inspection and Monitoring Schedule Checklist
Sandoval County Landfill

Year 1: July 1, 2021 - December 31, 2021

Inspection and Monitoring Schedule Checklist	Completed by:_____ Title:_____ Date:_____

Routine **Appendix C**		**Year** **Quarter**	**2021** **July to September**	 **October to December**
• Facility Inspection Documentation	**Attachment 8**	Date Scheduled		
• Facility Inspection Documentation	**Attachment 8**	Date Completed		

Quarterly **Appendix C**		**Year** **Quarter**	**2021** **July to September**	 **October to December**
• Quarterly Visual Assessment Documentation	**Attachment 9**	Date Scheduled		
• Indicator Monitoring Report	**Attachment 11**			
• Quarterly Visual Assessment Documentation	**Attachment 9**	Date Completed		
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Annually **Appendix C**		**Year** **Quarter**	**2021** **July to September**	 **October to December**
• Employee Training	**Attachment 6**	Date Scheduled		
• Evaluation of Non-Stormwater Discharges	**Attachment 7**			
• Annual Effluent Limitation Monitoring	**Attachment 12**			
• Annual Report	**Attachment 13**			
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As-Needed **Appendix C**		**Year** **Quarter**	**2021** **July to September**	 **October to December**
• Update	**Figure 2**	Date Completed		
• Pollution Prevention Team Roster	**Attachment 2**			
• Active/Inactive Status	**Attachment 3**			
• Significant Spills, Leaks or Other Releases	**Attachment 4**			
• Maintenance Log	**Attachment 5**			
• Deviations from Assessment or Monitoring Schedule	**Attachment 10**			

Attachment 1
Inspection and Monitoring Schedule Checklist
Sandoval County Landfill

Year 2: January 1, 2022 - December 31, 2022

Inspection and Monitoring Schedule Checklist	Completed by:_____ Title:_____ Date:_____

Routine **Appendix C**		**Year**	**2022**			
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Attachment 1
Inspection and Monitoring Schedule Checklist
Sandoval County Landfill

Year 2: January 1, 2023 - December 31, 2023

Inspection and Monitoring Schedule Checklist	Completed by:_____ Title:_____ Date:_____

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Attachment 1
Inspection and Monitoring Schedule Checklist
Sandoval County Landfill

Year 2: January 1, 2024 - December 31, 2024

Inspection and Monitoring Schedule Checklist	Completed by:_____ Title:_____ Date:_____

Routine **Appendix C**		**Year**	**2022**			
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Attachment 1
Inspection and Monitoring Schedule Checklist
Sandoval County Landfill

Year 2: January 1, 2025 - December 31, 2025

Inspection and Monitoring Schedule Checklist	Completed by:_____ Title:_____ Date:_____

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Attachment 1
Inspection and Monitoring Schedule Checklist
Sandoval County Landfill

Year 2: January 1, 2026 - December 31, 2026

Inspection and Monitoring Schedule Checklist	Completed by:_____ Title:_____ Date:_____

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ATTACHMENT 2

Pollution Prevention Team Roster

Attachment 2: Pollution Prevention Team Roster

Instructions (MSGP Parts 6.2.1):

1. Maintain and update (as necessary) this list of Pollution Prevention Team members, their titles, phone numbers, and responsibilities.
2. Conduct Team meetings at least **annually**.

Name:	Title:
Cell Phone:	Office Phone:
Responsibilities:	

Name:	Title:
Cell Phone:	Office Phone:
Responsibilities:	

Name:	Title:
Cell Phone:	Office Phone:
Responsibilities:	

Name:	Title:
Cell Phone:	Office Phone:
Responsibilities:	

Name:	Title:
Cell Phone:	Office Phone:
Responsibilities:	

ATTACHMENT 3

Active/Inactive Status Change

Attachment 3: Active/Inactive Status Change

Instructions (MSGP Parts 3.1.5, 3.2.4.4, 4.2.1.3, 4.2.2.5, and 6.2.5.2):

1. If the facility changes its status from active to inactive and unstaffed (or from inactive/unstaffed to active), complete this form and include documentation to support this claim.
2. An inactive/unstaffed site is exempt from monthly facility inspections and quarterly visual assessment monitoring (**MSGP 3.1.5 and 3.2.4.4**), but is required to conduct quarterly facility inspections including stabilization and structural erosion control measures, leachate collection and treatment system, Indicator Monitoring, Effluent Limitations Monitoring, and an Annual Report.
3. Maintain this form and any correspondence from EPA regarding this claim with this **Attachment**.

Date of Change in Status:_____

New Facility Status: ☐ **Inactive and Unstaffed** ☐ **Active**

Reason for change in status:_____

_____

_____

_____

_____

_____

_____

Anticipated Date to Reopen:_____

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:**_____

ATTACHMENT 4

Significant Spills, Leaks or Other Releases

Attachment 4: Significant Spills, Leaks or Other Releases

Instructions (MSGP Parts 2.1.2.4, 6.2.2.3, 6.2.3.3, and 6.4):

1. Include the descriptions and dates of any incidences of significant spills, leaks, or other releases that resulted in discharges of pollutants to waters of the U.S., through stormwater or otherwise; the circumstances leading to the release and actions taken in response to the release; and measures taken to prevent the recurrence of such releases (see **MSGP Part 2.1.2.4**).
2. Provide information, as shown below, for each incident, and attach additional documentation (e.g., photos, spill cleanup records) as necessary.

Date of incident:

Location of incident:

Description of incident including what was spilled or released:

Circumstances leading to release:

Actions taken in response to release:

Measures taken to prevent recurrence:

ATTACHMENT 5

Maintenance Log

Attachment 5: Maintenance Log

Instructions (MSGP Parts 2.1.2.3 and 6.4.1.3):

1. Include documentation of maintenance and repairs of control measures, 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
   - the justification for any extended maintenance/repair schedules (see **MSGP Part 2.1.2.3**).

2. Provide information, as shown below, to document maintenance activities for each control measure and industrial equipment **(attach additional sheets as necessary)**.

Control Measure Maintenance Records

Control Measure: _____
Regular Maintenance Activities: _____
Regular Maintenance Schedule: _____

Date of Action: _____
Reason for Action: ☐ **Regular Maintenance** ☐ **Discovery of Problem**
If Problem,
- Description of Action Required: _____

_____
_____
_____
_____
_____
_____

- Date Control Measure Returned to Full Function: _____
- Justification for Extended Schedule, if applicable: _____

_____
_____
_____

Notes: _____

_____
_____
_____
_____

ATTACHMENT 6

Employee Training

Attachment 6: Employee Training

Instructions (MSGP Parts 2.1.2.8 and 6.2):

1. Keep records of employee training; including the date of the training (see **MSGP Part 2.1.2.8**).
2. For in-person training, use the tables below to document employee training. For computer-based or other types of training, keep similar records on who was trained, and the type of training conducted **(attach additional sheets as necessary)**.

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

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

ATTACHMENT 6A

Employee Training Curriculum Outline

Attachment 6A: Employee Training Curriculum Outline

Instructions:

1. Use the table below to document employee training program topics, and training materials used.
2. List personnel in attendance.

Training Topics	**Schedule for Training** (List dates)	**Provide brief description of training program & materials** (e.g., film, newsletter, course)	**Personnel in Attendance**
Goals and Components of SWPPP			
Spill Prevention and Response Procedures			
Location of Controls and Good Housekeeping Procedures			
Pollution Prevention Requirements			
Daily Emergency Procedures (as Applicable)			
Other (list)			

ATTACHMENT 7

Evaluation of Non-Stormwater Discharges

Attachment 7: Evaluation of Non-Stormwater Discharges

Instructions (MSG Parts 1.1.3.1, 2.1.2.9, 4.1.8, and 6.2.3.4):

1. Use this form to document evaluation of non-stormwater discharges.
2. This evaluation can be referred to when completing the **Annual Report** form (**Attachment 13**).

Date of Evaluation:
Evaluation completed by:
Description of the evaluation criteria used:
List of outfalls or on-site drainage points that were directly observed during the evaluation:
The types of non-stormwater discharge(s) and source locations
Actions taken, such as a list of control measures used to eliminate unauthorized discharge(s), if any were identified:

ATTACHMENT 8

Facility Inspection Report

Attachment 8: Facility Inspection Report

Instructions (MSGP Part 3.1 and 8.L.7):

1. Maintain copies of all **Facility Inspection Reports** completed for this facility. These Reports can be referenced to complete the **Annual Report (Attachment 13**)
2. The **Facility Inspection Report** (located on the following page) is consistent with the requirements of **MSGP Parts 3.1**and **8.L.7** relating to facility inspections.
3. Carry a copy of **Figure 2** during inspections.
4. The **Facility Inspection Report** must be completed quarterly, ideally during a discharge event. This inspection should note any modifications or changes to the physical structures and/or operational practices at the facility. These changes should be reflected on **Figure 2** and incorporated into this Plan.
5. A review of the facility's records and recordkeeping procedures should be conducted to ensure that changes which occur between inspections, which may materially affect this Plan, are reported to the Pollution Prevention Team such that the Team is able to initiate the appropriate modifications to this Plan in a timely manner.
6. A thorough review of this Plan should be conducted to ensure that it adequately reflects current operations and practices at the facility. If it has been determined that some BMP's are ineffective, additional BMP's should be developed and implemented to control contaminated stormwater discharges.
7. **Facility Inspection Reports** shall be maintained in this Plan and do *not* need to be submitted to the EPA, unless so directed.
8. **Part A** – General information
9. **Part B** – Weather information
10. **Part C** – Structural Control Measures:
    - The structural stormwater control measures identified in this Plan are numbered on **Figure 2** and listed on the Report form (**add as many control measures as are implemented on-site**).
    - This list will ensure that all required control measures are being inspected.
    - Describe additional control measures needed to comply with permit requirements.
11. **Part D** – Areas of Industrial Materials or Activities Exposed to Stormwater

Facility Inspection Report

PART A – GENERAL INFORMATION			
Facility Name	Sandoval County Landfill		
NPDES Tracking No.			
Date of Inspection		**Start/End Time**	
Inspector's Name(s)			
Inspector's Title(s)			
Inspector's Contact Information			
Inspector's Qualifications			

PART B – 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:_____.
_____.
_____.

PART C – STRUCTURAL CONTROL MEASURES

Loc. No	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
10	**Maintenance Basin**	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
17	**Central Retention Basin**	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
18	**South Retention Basin**	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
19	**East Retention Basin**	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
20	**Drainage Swales**	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
23	**Outfall**	❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	

PART D – AREAS OF INDUSTRIAL MATERIALS OR ACTIVITIES EXPOSED TO STORMWATER

Loc. No.	Area/Activity	Inspected?	Controls Adequate (appropriate, effective, and operating)?	Notes
2	**Convenience Center**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
9	**Maintenance Building/Parking**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
13	**Salt Cinder Storage**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
14	**Fueling Station**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
15	**Active Disposal Area**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
21	**Access Road**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
22	**Compost Facility**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
24	**Rock Crusher**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
27	**Mortality Composting**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
28	**Green Waste Stockpile**	❑Yes ❑No ❑ N/A	❑Yes ❑No	

NON-COMPLIANCE

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

ADDITIONAL CONTROL MEASURES

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

NOTES

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

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:** _____

ATTACHMENT 9

Quarterly Visual Assessment Report

Attachment 9: Quarterly Visual Assessment Report

Instructions (MSGP Part 3.2):

1. Quarterly visual assessment monitoring should be conducted during an offsite stormwater/snowmelt discharge event at the outfalls denoted on **Figure 2**.
2. Carry a copy of **Figure 2** during assessment monitoring.
3. Results of monitoring shall be documented on the **Quarterly Visual Assessment Report** (located on the following page).
4. The Sandoval County Landfill is located in a semi- arid region making it likely there will not be a stormwater discharge every quarter to collect a sample. If this occurs it must be noted in **Attachment 10**, **Deviations from Assessments or Monitoring Schedule**. If it is possible your samples for the quarterly visual assessments may be distributed during seasons when precipitation runoff occurs. **(MSGP 3.2.2)**

Procedures for Collecting Grab Samples

Basic safety procedures should be taken into account when performing visual monitoring. Common sense should dictate whether sampling is conducted during adverse weather conditions. No sampling personnel should place themselves in danger during high winds, lightning storms, or flooding conditions which might be considered unsafe. Under extreme conditions, a less hazardous storm event should be sampled.

Grab samples must be collected from the discharge resulting from a storm event that results in a discharge and that occurs at least 72-hours from the last measurable storm event. The required 72-hour event interval is waived if the last measurable storm event did not produce a measurable discharge. The grab sample must be taken during the first 30 minutes. If a sample cannot be taken during the first 30 minutes, a grab sample may be taken during the first hour of discharge. A description of why a sample was not taken in the first 30 minutes must be documented in **Attachment 10**, **Deviations from Assessment or Monitoring Schedule.**

1. Grab samples may be collected by lowering a clean, clear container into the water or by transferring water from a bucket into the clear container.
2. Visual monitoring of the grab sample shall document observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of stormwater pollution. Where practicable, the same person should carry out the collection and examination of discharges for the entire permit term.
3. **Quarterly Visual Assessment Reports** shall be maintained in this Plan, and do *not* need to be submitted to the EPA, unless so directed. The Reports shall include the examination date and time; examination personnel; the nature of the discharge (runoff or snow melt); visual quality of the discharge; and probable sources of any observed stormwater contamination.

Quarterly Visual Assessment Report

(Complete a separate Report for each outfall assessed/monitored)

Name of Facility: Sandoval County Landfill NPDES Tracking No.

Outfall Location No.:_____ "Substantially Identical Outfall"? ☐ No ☐ Yes (identify substantially identical outfalls): _____

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

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

Date & Time Discharge Began: _____ Date & Time Sample Collected: _____ Date & Time Sample Examined: _____

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

Nature of Discharge: ☐ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount:_____in Previous Storm Ended > 72 hours ☐ Yes ☐ No* (explain): _____ Before Start of This Storm?

Parameter

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): _____

Source of Contamination: _____

** Observe for settled solids after allowing the sample to sit for approximately 30 minutes.

Detail any concerns, additional comments, descriptions of pictures taken, and any additional control measures taken below (attach additional sheets as necessary).

Certification by Facility Responsible Official (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: _____

ATTACHEMENT 10

Deviations from Assessment or Monitoring Schedule

Attachment 10: Deviations from Assessment or Monitoring Schedule

Instructions (MSGP Parts 3.2.2.2, 3.2.3.7, 4.1.5, and 6.5.6):

Include:

1. A description of any deviations from the schedule in **Appendix C, Attachment 1** for visual assessments and/or monitoring.
2. The reason(s) 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 **MSGP Parts 3.2.2.2, 3.2.3.7, 4.1.5, and 6.5.6**).
3. **Attach additional sheets as necessary**

Date:

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

Describe deviation from schedule:

Reason for deviation:

Date:

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

Describe deviation from schedule:

Reason for deviation:

Date:

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

Describe deviation from schedule:

Reason for deviation:

Date:

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

Describe deviation from schedule:

Reason for deviation:

ATTACHEMENT 11

Indicator Monitoring and Reporting

Attachment 11: Indicator Monitoring and Reporting

Instructions (MSGP Part 4.2.1, 7.3, and 8.L.9):

1. Indicator monitoring should be conducted during a stormwater/snowmelt offsite discharge event at the outfalls denoted on **Figure 2**.
2. Carry a copy of **Figure 2** during assessment monitoring.
3. Results of monitoring shall be documented on the **Discharge Report** (located on the following page).
4. The Sandoval County Landfill is located in a semi-arid region making it likely there will not be a stormwater discharge every quarter to collect a sample. If this occurs it must be noted in **Attachment 10**, **Deviations from Assessments or Monitoring Schedule**.

Procedures for Collecting Grab Samples

Basic safety procedures should be taken into account when performing Indicator monitoring. Common sense should dictate whether sampling is conducted during adverse weather conditions. No sampling personnel should place themselves in danger during high winds, lightning storms, or flooding conditions which might be considered unsafe. Under extreme conditions, a less hazardous storm event should be sampled.

Grab samples must be collected from the discharge resulting from a storm event that results in a discharge and that occurs at least 72-hours from the last measurable storm event. The required 72-hour event interval is waived if the last measurable storm event did not produce a measurable discharge.

1. Grab samples may be collected by lowering a clean, clear container into the water or by transferring water from a bucket into the clear container.
2. Previous arrangements should be made with a lab of choice regarding bottles set stored on-site. Generally these sets contain several bottles stored within an ice chest. The lab will provide instructions on labeling, shipping and chain of custody.
3. **Indicator Monitoring Reports** shall be maintained in this Plan, and must be submitted to the EPA. The Reports must be submitted to the EPA within 30 days of receipt of analytical data, if no off-site discharge occurs during a quarter a monitoring report must still be submitted. Checking the "Reporting no discharge for all outfalls for this monitoring period", and appropriate boxes satisfies the MSGP Reporting requirements. Submission may be made using either the e–NOI system at https://netdmr.zendesk.com/hc/en-us, or the hard copy attached.

Appendix M - Discharge Monitoring Report (DMR) Form

Part 7.2 requires you to use the electronic DMR system to prepare and submit your Discharge Monitoring Report (DMR) form. However, if you are given approval by the EPA Regional Office to use a paper DMR form, and you elect to use it, you must complete and submit the following form.

NPDES FORM 6100-29	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (DMR) FORM	OMB No. 2040-0300 OMB Approval Pending

A. Approval to Use Paper NOI Form

1. Have you been granted a waiver from electronic reporting from the EPA Regional Office*? ☐ YES ☐ NO

If yes, check which waiver you have been granted, the name of the EPA Regional Office staff person who granted the waiver, and the date of approval:

Waiver granted: ☐ The owner/operator's headquarters is physically located in a geographic area (i.e., ZIP code or census tract) that is identified as under-served for broadband Internet access in the most recent report from the Federal Communications Commission.

☐ The owner/operator has issues regarding available computer access or computer capability

Name of EPA staff person that granted the waiver:

Date approval obtained: / /

*** Note: Note: You are required to obtain approval from the applicable EPA Regional Office prior to using this paper DMR form. If you have not obtained a waiver, you must file this form electronically using the NetDMR at http://www.epa.gov/netdmr/**

B. Permit Information

1. NPDES ID:

2. Reason(s) for Submission (Check all that apply):

☐ Submitting monitoring data (Fill in all Sections).

☐ Reporting no discharge for all discharge points for this monitoring period (Fill in Sections A, B, C, D, E.1, and G).

☐ Reporting that your site status has changed to inactive and unstaffed and there are no industrial materials or activities exposed to stormwater (Fill in Sections A, B, C, D, and F.4 (include date of status change in comment field).

☐ Reporting that your site status has changed to active and/or there are industrial materials or activities exposed to stormwater (Fill in all Sections and include date of status change in comment field in Section F.4).

C. Facility Operator Information

1. Operator Information:

Operator Name:

Mailing Address:

Street:

City: State: ZIP Code: -

Phone: - - Ext.

E-mail:

2. DMR Preparer (Complete if DMR was prepared by someone otherthan the certifier):

First Name, Middle Initial, Last Name

Organization:

Phone: - - Ext.

E-mail:

D. Facility Information

1. Facility Name:

2, Facility Address:

Street/Location:

City: State: ZIP Code: -

County or Similar Government Subdivision:

E. Discharge Information

1. Identify monitoring period:

☐ Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:

☐ Quarter 1 (January 1 – March 31)	☐ Quarter 1:	From / To /
☐ Quarter 2 (April 1 – June 30)	☐ Quarter 2:	From / To /
☐ Quarter 3 (July 1 – September 30)	☐ Quarter 3:	From / To /
☐ Quarter 4 (October 1 – December 31)	☐ Quarter 4:	From / To /

2. Are you required to monitor for cadmium, chromium, lead, nickel, silver, or zinc in freshwater? ☐ YES (Skip to 3) ☐ NO (Skip to 4)

3. What is the hardness level of the receiving water? (mg/L)

4. Does your facility discharge into any saltwater receiving waters? ☐YES ☐NO

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (DMR) FORM

OMB No. 2040-0300

F. Monitoring Information **Note: Make additional copies of this form as necessary.**

1. Nature of Discharge: ☐ Rainfall (Complete line items 2.a., 2.b., & 2.c.) ☐ Snowmelt

2.a. Duration of the rainfall event (hours): ☐☐ 2.b. Rainfall amount (inches): ☐☐.☐ 2.c. Time since previous measurable storm event (days): ☐☐☐

3.a. Discharge Point ID (list the same 3-digit discharge points identified on the NOI form	3.b. Check if Any Discharge Points are Substantially Identical to Other Discharge Points Listed	3.c. Check if No Discharge	3.d. Monitoring Type IM, BM, ELG, S/T, I, O*	3.e. Parameter	3.f. Quantity or Concentration	3.g. Units	3.h. Results Description	3.i. Collection Date	3.j. Exceedance solely attributable to natural background pollutant levels per Part 5.2.6.1	3.k. Exceedance due to run-on per Part 5.2.6.2	3.l Exceedance due to an abnormal event per 5.2.6.3	3.m Exceedance but discharge does not result in any exceedance of water quality standards per Part 5.2.6.5	3.n Aluminum Exceedance demonstrated to not result in an exceedance of your facility-specific criteria per Part 5.2.6.4.a	3.o Copper Exceedance demonstrated to not result in an exceedance of your facility-specific criteria per Part 5.2.6.4.b
	☐ Substantially identical to discharge point: ____	☐									☐	☐	☐	☐
	☐ Substantially identical to discharge point: ____	☐									☐	☐	☐	☐
	☐ Substantially identical to discharge point: ____	☐									☐	☐	☐	☐
	☐ Substantially identical to discharge point: ____	☐									☐	☐	☐	☐

* IM - Indicator monitoring; BM - Benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or tribal-specific monitoring; (I) - Impaired waters monitoring; (O) - Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

G. Certification

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

First Name, Middle, Last Name

Title:

Signature: _____ Date: / /

E-mail:

Instructions for Completing EPA Form 6100-29

Discharge Monitoring Report (DMR) for Stormwater Discharges Associated with Industrial Activity Under the NPDES Multi-Sector General Permit

OMB No. 2040-0300

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under EPA's NPDES Stormwater Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 4.2 and 8 of the permit must submit Discharge Monitoring Reports (DMRs) consistent with the reporting requirements specified in Part 7.1 of the permit.

Completing the Form

Obtain and read a copy of the 2021 MSGP, viewable at https://www.epa.gov/npdes/stormwater-discharges-industrial-activities To complete this form, type or print, using uppercase letters, in the appropriate areas only. Please place each character between the marks. Abbreviate if necessary to stay within the number of characters allowed for each item. Use only one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response. Please submit original document with signature in ink - do not send a photocopied signature. **Photocopy your DMR form for your records before you send the completed original form to the appropriate address.**

Section A. Approval to Use Paper DMR Form

You must indicate whether you have been granted a waiver from electronic reporting from the EPA Regional Office. Note that you are not authorized to use this paper DMR form unless the EPA Regional Office has approved its use. Where you have obtained approval to use this form, indicate the waiver that you have been granted, the name of the EPA staff person who granted the waiver, and the date that approval was provided. See https://www.epa.gov/npdes/contact-us-stormwater for a list of EPA Regional Office contacts.

Section B. Permit Information

Provide the NPDES ID (i.e., NOI tracking number) assigned to the facility for which this DMR is being submitted.

Indicate your reason(s) for submitting this DMR by checking all boxes that apply. The reasons for submission are defined as follows:

- *Submitting monitoring data*: For each storm sampled, submit one DMR form with data for all discharge points sampled. Select this reason even if you only have monitoring data for some of your discharge points (i.e., some discharge points did not discharge). If you select this reason you are required to complete all Sections of the form.
- *Reporting no discharge for all discharge points for this monitoring period*: Indicates that there were no discharges from all discharge points during this monitoring period. If you select this reason you are only required to complete Sections A, B, C, D, E.1, and G.
- *Reporting that your site status has changed to inactive and unstaffed* and there are no industrial materials or activities exposed to stormwater: Indicates that your facility is currently inactive and unstaffed and there are no industrial materials or activities exposed to stormwater (See Part 4.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, C, D, and F.4 (include date of status change in comment field).
- *Reporting that your site status has changed from inactive to active* and/or there are industrial materials or activities exposed to stormwater: Indicates that your facility is currently active (See Part 4.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section F.4.

Section C. Facility Operator Information.

Provide the legal name of the person, firm, public organization, or any other entity that operates the facility for which this DMR is being submitted. An operator of a facility is the legal entity that controls the operation of the facility. Refer to Appendix A of the permit for the definition of "operator". Provide the operator's mailing address, phone number, and e-mail. The operator information in this Section should match the operator information provided on your NOI form.

Provide the name, organization, phone number, an e-mail address for the person who prepared this DMR form.

Section D. Facility Information

Enter the official or legal name and complete street address, including city, state, ZIP code, and county or similar government subdivision of the facility. If the facility lacks a street address, indicate the general location of the facility (e.g., Intersection of State Highways 61 and 34). Complete facility information must be provided for permit coverage to be granted. The facility information in this Section should match the facility information provided on your NOI form.

Section E. Discharge Information.

Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the DMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 4.1.6 and 4.1.7 of the permit for more information.

If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, lead, nickel, silver, and zinc). If you select "yes" to this question provide the hardness level of the receiving water (in mg/L)). If you select "no" to this question, you must identify if your facility discharges into any saltwater receiving waters.

Instructions for Completing EPA Form 6100-29

Discharge Monitoring Report (DMR) for Stormwater Discharges Associated with Industrial Activity Under the NPDES Multi-Sector General Permit

OMB No. 2040-0300

Section F. Monitoring Information

For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.i. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy this form and enter each monitoring event separately with data for all discharge points sampled.

Identify all the discharge points from your facility that discharge stormwater. Each discharge point must be assigned a unique 3-digit number (e.g., 001, 002, 003), and should match the discharge points identified on your NOI form.

If any discharge points are substantially identical, check the box in 3.b and identify the discharge point that the discharge point in 3.a is substantially identical to. In 3.d – k, you only need to provide benchmark monitoring data for one of the discharge points if it is substantially identical.

For any discharge point for which there was no discharge during the monitoring period, check the box in 3.c.

In 3.d, identify the type of monitoring using the specified codes, in parentheses, below:

- (IM) – Indicator monitoring
- (BM) – Benchmark monitoring
- (ELG) – Annual effluent limitations guidelines monitoring;
- (S/T) – State- or Tribal-specific monitoring;
- (I) – Impaired waters monitoring; or
- (O) – Other monitoring as required by EPA.

In 3.e, enter each "parameter" (or "pollutant") monitored. For BM and ELG monitoring, use the same parameter name as in Part 8 of the permit.

In 3.f., enter a sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.

In 3.g., enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.

3.h. must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.

In 3.i. identify the sampling date for each parameter monitoring result reported on this form.

3.j. *Exceedance solely attributable to natural background pollutant levels:* Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that discharge point and any substantially identical discharge points, or for impaired waters monitoring, the presence of the pollutant is caused solely by natural background, provided that all of the conditions in Part 5.2.6.1 are met.

3.k *Exceedance due to run-on:* Check box if you can demonstrate and obtain EPA agreement that run-on from a neighboring source (e.g., a source external to your facility) is the cause of the exceedance, provided that the conditions in Part 5.2.6.2 are met.

3.l. *Exceedance due to an abnormal event:* Check box if one single sampling event is abnormal and you have immediately documented per Part 5.3 that the single event was abnormal and met all other conditions in Part *5.2.6.3.*

3.m. *Exceedance but discharge does not result in any exceedance of water quality standards per Part 5.2.6.5: Check box if you can* demonstrate through an analysis that an exceedance triggering AIM requirements does not result in any exceedance of applicable water quality standards, *provided that all the conditions in Part 5.2.6.5 are met.*

3.n *Aluminum exceedance demonstrated to not result in an exceedance of your facility-specific criteria per Part 5.2.6.4.a:* Check box if you can demonstrate through an analysis that an aluminum exceedance does not result in an exceedance of your facility-specific criteria using the national recommended water quality criteria in-lieu of the applicable MSGP benchmark threshold.

3.o *Copper exceedance demonstrated to not result in an exceedance of your facility-specific criteria per Part 5.2.6.4.b:* Check box if you can demonstrate through an analysis that a copper exceedance does not result in an exceedance of your facility-specific criteria using the national recommended water quality criteria in-lieu of the applicable MSGP benchmark threshold.

Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section F as necessary to address all discharge points and parameters.

Section G. Certification Information

DMRs must be signed by a person described below, or by a duly authorized representative of that person.

For a corporation: By a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means:

(i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated

ATTACHEMENT 12

Effluent Limitations Monitoring Report

Attachment 12: Effluent Limitations Monitoring Report

Instructions (MSGP Part 4.2.3, 7.3 and 8.L.11):

1. Effluent limitations monitoring should be conducted during a stormwater/snowmelt offsite discharge event at the outfalls denoted on **Figure 2**.
2. Carry a copy of **Figure 2** during assessment monitoring.
3. Results of monitoring shall be documented on the **Discharge Report** (located on the following page).
4. The Sandoval County Landfill is located in an arid region and rainfall is scarce. To the best of ability during business hours a grab sample must be attained once per year during a storm event with off-site discharge.

Procedures for Collecting Grab Samples

Basic safety procedures should be taken into account when performing effluent limitations monitoring. Common sense should dictate whether sampling is conducted during adverse weather conditions. No sampling personnel should place themselves in danger during high winds, lightning storms, or flooding conditions which might be considered unsafe. Under extreme conditions, a less hazardous storm event should be sampled.

Grab samples must be collected from the discharge resulting from a storm event that results in a discharge and that occurs at least 72-hours from the last measurable storm event. The required 72-hour event interval is waived if the last measurable storm event did not produce a measurable discharge.

1. Grab samples may be collected by lowering a clean, clear container into the water or by transferring water from a bucket into the clear container.
2. Previous arrangements should be made with a lab of choice regarding bottles set stored on-site. Generally, these sets contain several bottles stored within an ice chest. The lab will provide instructions on labeling, shipping, and chain of custody.

Effluent Limitation Monitoring Reports shall be maintained in this Plan and must be submitted to the EPA. The Reports must be submitted to the EPA within 30 days of receipt of analytical data, Submission may be made using either the e–NOI system at: **https://cdx.epa.gov/** , or the hard copy attached.

Appendix M - Discharge Monitoring Report (DMR) Form

Part 7.2 requires you to use the electronic DMR system to prepare and submit your Discharge Monitoring Report (DMR) form. However, if you are given approval by the EPA Regional Office to use a paper DMR form, and you elect to use it, you must complete and submit the following form.

NPDES FORM 6100-29	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (DMR) FORM	OMB No. 2040-0300 OMB Approval Pending

A. Approval to Use Paper NOI Form

1. Have you been granted a waiver from electronic reporting from the EPA Regional Office*? ☐ YES ☐ NO

If yes, check which waiver you have been granted, the name of the EPA Regional Office staff person who granted the waiver, and the date of approval:

Waiver granted: ☐ The owner/operator's headquarters is physically located in a geographic area (i.e., ZIP code or census tract) that is identified as under-served for broadband Internet access in the most recent report from the Federal Communications Commission.

☐ The owner/operator has issues regarding available computer access or computer capability

Name of EPA staff person that granted the waiver:

Date approval obtained: / /

*** Note: Note: You are required to obtain approval from the applicable EPA Regional Office prior to using this paper DMR form. If you have not obtained a waiver, you must file this form electronically using the NetDMR at http://www.epa.gov/netdmr/**

B. Permit Information

1. NPDES ID:

2. Reason(s) for Submission (Check all that apply):

☐ Submitting monitoring data (Fill in all Sections).

☐ Reporting no discharge for all discharge points for this monitoring period (Fill in Sections A, B, C, D, E.1, and G).

☐ Reporting that your site status has changed to inactive and unstaffed and there are no industrial materials or activities exposed to stormwater (Fill in Sections A, B, C, D, and F.4 (include date of status change in comment field).

☐ Reporting that your site status has changed to active and/or there are industrial materials or activities exposed to stormwater (Fill in all Sections and include date of status change in comment field in Section F.4).

C. Facility Operator Information

1. Operator Information:

Operator Name:

Mailing Address:

Street:

City: State: ZIP Code: -

Phone: - - Ext.

E-mail:

2. DMR Preparer (Complete if DMR was prepared by someone otherthan the certifier):

First Name, Middle Initial, Last Name

Organization:

Phone: - - Ext.

E-mail:

D. Facility Information

1. Facility Name:

2, Facility Address:

Street/Location:

City: State: ZIP Code: -

County or Similar Government Subdivision:

E. Discharge Information

1. Identify monitoring period:

☐ Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:

☐ Quarter 1 (January 1 – March 31)	☐ Quarter 1:	From / To /
☐ Quarter 2 (April 1 – June 30)	☐ Quarter 2:	From / To /
☐ Quarter 3 (July 1 – September 30)	☐ Quarter 3:	From / To /
☐ Quarter 4 (October 1 – December 31)	☐ Quarter 4:	From / To /

2. Are you required to monitor for cadmium, chromium, lead, nickel, silver, or zinc in freshwater? ☐ YES (Skip to 3) ☐ NO (Skip to 4)

3. What is the hardness level of the receiving water? (mg/L)

4. Does your facility discharge into any saltwater receiving waters? ☐YES ☐NO

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (DMR) FORM

OMB No. 2040-0300

F. Monitoring Information **Note: Make additional copies of this form as necessary.**

1. Nature of Discharge: ☐ Rainfall (Complete line items 2.a., 2.b., & 2.c.) ☐ Snowmelt

2.a. Duration of the rainfall event (hours): ☐☐ 2.b. Rainfall amount (inches): ☐☐.☐ 2.c. Time since previous measurable storm event (days): ☐☐☐

3.a. Discharge Point ID (list the same 3-digit discharge points identified on the NOI form	3.b. Check if Any Discharge Points are Substantially Identical to Other Discharge Points Listed	3.c. Check if No Discharge	3.d. Monitoring Type IM, BM, ELG, S/T, I, O*	3.e. Parameter	3.f. Quantity or Concentration	3.g. Units	3.h. Results Description	3.i. Collection Date	3.j. Exceedance solely attributable to natural background pollutant levels per Part 5.2.6.1	3.k. Exceedance due to run-on per Part 5.2.6.2	3.l Exceedance due to an abnormal event per 5.2.6.3	3.m Exceedance but discharge does not result in any exceedance of water quality standards per Part 5.2.6.5	3.n Aluminum Exceedance demonstrated to not result in an exceedance of your facility-specific criteria per Part 5.2.6.4.a	3.o Copper Exceedance demonstrated to not result in an exceedance of your facility-specific criteria per Part 5.2.6.4.b
	☐ Substantially identical to discharge point: ____	☐									☐	☐	☐	☐
	☐ Substantially identical to discharge point: ____	☐									☐	☐	☐	☐
	☐ Substantially identical to discharge point: ____	☐									☐	☐	☐	☐
	☐ Substantially identical to discharge point: ____	☐									☐	☐	☐	☐

* IM - Indicator monitoring; BM - Benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or tribal-specific monitoring; (I) - Impaired waters monitoring; (O) - Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

G. Certification

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

First Name, Middle, Last Name

Title:

Signature: _____ Date: / /

E-mail:

Instructions for Completing EPA Form 6100-29

Discharge Monitoring Report (DMR) for Stormwater Discharges Associated with Industrial Activity Under the NPDES Multi-Sector General Permit

OMB No. 2040-0300

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under EPA's NPDES Stormwater Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 4.2 and 8 of the permit must submit Discharge Monitoring Reports (DMRs) consistent with the reporting requirements specified in Part 7.1 of the permit.

Completing the Form

Obtain and read a copy of the 2021 MSGP, viewable at https://www.epa.gov/npdes/stormwater-discharges-industrial-activities To complete this form, type or print, using uppercase letters, in the appropriate areas only. Please place each character between the marks. Abbreviate if necessary to stay within the number of characters allowed for each item. Use only one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response. Please submit original document with signature in ink - do not send a photocopied signature. **Photocopy your DMR form for your records before you send the completed original form to the appropriate address.**

Section A. Approval to Use Paper DMR Form

You must indicate whether you have been granted a waiver from electronic reporting from the EPA Regional Office. Note that you are not authorized to use this paper DMR form unless the EPA Regional Office has approved its use. Where you have obtained approval to use this form, indicate the waiver that you have been granted, the name of the EPA staff person who granted the waiver, and the date that approval was provided. See https://www.epa.gov/npdes/contact-us-stormwater for a list of EPA Regional Office contacts.

Section B. Permit Information

Provide the NPDES ID (i.e., NOI tracking number) assigned to the facility for which this DMR is being submitted.

Indicate your reason(s) for submitting this DMR by checking all boxes that apply. The reasons for submission are defined as follows:

- *Submitting monitoring data*: For each storm sampled, submit one DMR form with data for all discharge points sampled. Select this reason even if you only have monitoring data for some of your discharge points (i.e., some discharge points did not discharge). If you select this reason you are required to complete all Sections of the form.
- *Reporting no discharge for all discharge points for this monitoring period*: Indicates that there were no discharges from all discharge points during this monitoring period. If you select this reason you are only required to complete Sections A, B, C, D, E.1, and G.
- *Reporting that your site status has changed to inactive and unstaffed* and there are no industrial materials or activities exposed to stormwater: Indicates that your facility is currently inactive and unstaffed and there are no industrial materials or activities exposed to stormwater (See Part 4.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, C, D, and F.4 (include date of status change in comment field).
- *Reporting that your site status has changed from inactive to active* and/or there are industrial materials or activities exposed to stormwater: Indicates that your facility is currently active (See Part 4.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section F.4.

Section C. Facility Operator Information.

Provide the legal name of the person, firm, public organization, or any other entity that operates the facility for which this DMR is being submitted. An operator of a facility is the legal entity that controls the operation of the facility. Refer to Appendix A of the permit for the definition of "operator". Provide the operator's mailing address, phone number, and e-mail. The operator information in this Section should match the operator information provided on your NOI form.

Provide the name, organization, phone number, an e-mail address for the person who prepared this DMR form.

Section D. Facility Information

Enter the official or legal name and complete street address, including city, state, ZIP code, and county or similar government subdivision of the facility. If the facility lacks a street address, indicate the general location of the facility (e.g., Intersection of State Highways 61 and 34). Complete facility information must be provided for permit coverage to be granted. The facility information in this Section should match the facility information provided on your NOI form.

Section E. Discharge Information.

Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the DMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 4.1.6 and 4.1.7 of the permit for more information.

If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, lead, nickel, silver, and zinc). If you select "yes" to this question provide the hardness level of the receiving water (in mg/L)). If you select "no" to this question, you must identify if your facility discharges into any saltwater receiving waters.

Instructions for Completing EPA Form 6100-29

Discharge Monitoring Report (DMR) for Stormwater Discharges Associated with Industrial Activity Under the NPDES Multi-Sector General Permit

OMB No. 2040-0300

Section F. Monitoring Information

For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.i. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy this form and enter each monitoring event separately with data for all discharge points sampled.

Identify all the discharge points from your facility that discharge stormwater. Each discharge point must be assigned a unique 3-digit number (e.g., 001, 002, 003), and should match the discharge points identified on your NOI form.

If any discharge points are substantially identical, check the box in 3.b and identify the discharge point that the discharge point in 3.a is substantially identical to. In 3.d – k, you only need to provide benchmark monitoring data for one of the discharge points if it is substantially identical.

For any discharge point for which there was no discharge during the monitoring period, check the box in 3.c.

In 3.d, identify the type of monitoring using the specified codes, in parentheses, below:

- (IM) – Indicator monitoring
- (BM) – Benchmark monitoring
- (ELG) – Annual effluent limitations guidelines monitoring;
- (S/T) – State- or Tribal-specific monitoring;
- (I) – Impaired waters monitoring; or
- (O) – Other monitoring as required by EPA.

In 3.e, enter each "parameter" (or "pollutant") monitored. For BM and ELG monitoring, use the same parameter name as in Part 8 of the permit.

In 3.f., enter a sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.

In 3.g., enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.

3.h. must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.

In 3.i. identify the sampling date for each parameter monitoring result reported on this form.

3.j. *Exceedance solely attributable to natural background pollutant levels:* Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that discharge point and any substantially identical discharge points, or for impaired waters monitoring, the presence of the pollutant is caused solely by natural background, provided that all of the conditions in Part 5.2.6.1 are met.

3.k *Exceedance due to run-on:* Check box if you can demonstrate and obtain EPA agreement that run-on from a neighboring source (e.g., a source external to your facility) is the cause of the exceedance, provided that the conditions in Part 5.2.6.2 are met.

3.l. *Exceedance due to an abnormal event:* Check box if one single sampling event is abnormal and you have immediately documented per Part 5.3 that the single event was abnormal and met all other conditions in Part *5.2.6.3.*

3.m. *Exceedance but discharge does not result in any exceedance of water quality standards per Part 5.2.6.5: Check box if you can* demonstrate through an analysis that an exceedance triggering AIM requirements does not result in any exceedance of applicable water quality standards, *provided that all the conditions in Part 5.2.6.5 are met.*

3.n *Aluminum exceedance demonstrated to not result in an exceedance of your facility-specific criteria per Part 5.2.6.4.a:* Check box if you can demonstrate through an analysis that an aluminum exceedance does not result in an exceedance of your facility-specific criteria using the national recommended water quality criteria in-lieu of the applicable MSGP benchmark threshold.

3.o *Copper exceedance demonstrated to not result in an exceedance of your facility-specific criteria per Part 5.2.6.4.b:* Check box if you can demonstrate through an analysis that a copper exceedance does not result in an exceedance of your facility-specific criteria using the national recommended water quality criteria in-lieu of the applicable MSGP benchmark threshold.

Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section F as necessary to address all discharge points and parameters.

Section G. Certification Information

DMRs must be signed by a person described below, or by a duly authorized representative of that person.

For a corporation: By a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means:

(i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated

ATTACHMENT 13

Annual Report

Attachment 13: Annual Report (Comprehensive Site Inspection Report)

Instructions (MSGP Part 7.4):

1. Refer to the current year's **Facility Inspection Reports, Quarterly Visual Assessment Reports, Quarterly Indicator Monitoring Reports**, and **Annual Effluent Limitation Monitoring Reports** to complete this Report.
2. This report should note any modifications or changes to the physical structures and/or operational practices at the facility. These changes should be reflected on **Figure 2** and incorporated into this Plan.
3. Maintain copies of all completed **Annual Reports** with this Plan. Copies of this Report form can be obtained at: https://cdx.epa.gov/
4. For corrective actions, complete **Part D** (**Corrective Actions**) of the **Annual Report** form.
5. The EPA strongly recommends that the **Annual Report** be submitted using EPAs electronic NPDES eReporting tool (NeT). To access NeT, follow the link below and follow the directions.
   https://cdx.epa.gov/
6. The **Annual Report** must be submitted to the EPA either electronically or postmarked by January 30th.
7. If you have received a waiver from electronic reporting mail the form on the following pages to:

   U.S. Environmental Protection Agency
   Office of Water, Water Permits Division
   Mail Code 4203M, ATTN: MSGP Reports
   EPA SW MSGP
   1200 Pennsylvania Ave, NW
   Washington, D.C. 20460

APPENDIX D

40 CFR REGULATIONS

40 CFR Part 110

https://files.myprimitive.cloud/uploads/abb456191cbce1a59a0e7f81081afad8dce0e13d.pdf

40CFR Part 117

https://files.myprimitive.cloud/uploads/48fe1854348d087606aee441d86fbba94096c297.pdf

40 CFR Part 302

https://files.myprimitive.cloud/uploads/fca94cdf7359ce60f91a83437c161a82741dbb41.pdf

APPENDIX E

Additional Documentation