

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	03/27/2024	
Media Program:	Water	
Regulatory Program(s)	NPDES	
Company Name:	Los Alamos County	
Facility Name:	Bayo Compost Area Expansion	
Facility Physical Location:	188 Pueblo Canyon Road	
(city, state, zip code)	Los Alamos, New Mexico	
Mailing address:	1000 Central Avenue	
(city, state, zip code)	Los Alamos, New Mexico 87544	
County/Parish:	Los Alamos	
Facility Phone Number	505-662-8133	
Facility Contact:	Jennifer Baca	Engineering Associate
	Jennifer.baca@lacnm.us	
FRS Number:	110071504384	
Identification/Permit Number:	NMR1005W6	
Media Identifier Number:	N/A	
NAICS:	237110	
SIC:	1623	
Personnel participating in inspection:		
Jennifer Baca	Los Alamos County Department of Public Utilities	Engineering Associate
Marcos Ocanas	Los Alamos County Department of Public Utilities	WWTP Supervisor
Joshua Silva	Los Alamos County Department of Public Utilities	WWTP Superintendent
James Martinez	Los Alamos County Department of Public Utilities	WWTP Operator
Nafis Fuad	NMED-PSRS	Compliance/Enforcement Team Lead
Shawnee Suazo	NMED-SWQB	Complex Facilities Inspector
David Esparza, PE	USEPA-ECDWM	Environmental Engineer
EPA Lead Inspector Signature/Date	DAVID ESPARZA Digitally signed by DAVID ESPARZA Date: 2024.05.23 15:04:16 -06'00' David Esparza Date	
Supervisor Signature/Date	ROBERTO BERNIER Digitally signed by ROBERTO BERNIER Date: 2024.05.23 16:12:59 -05'00' Roberto Bernier Date	

Section I – INTRODUCTION

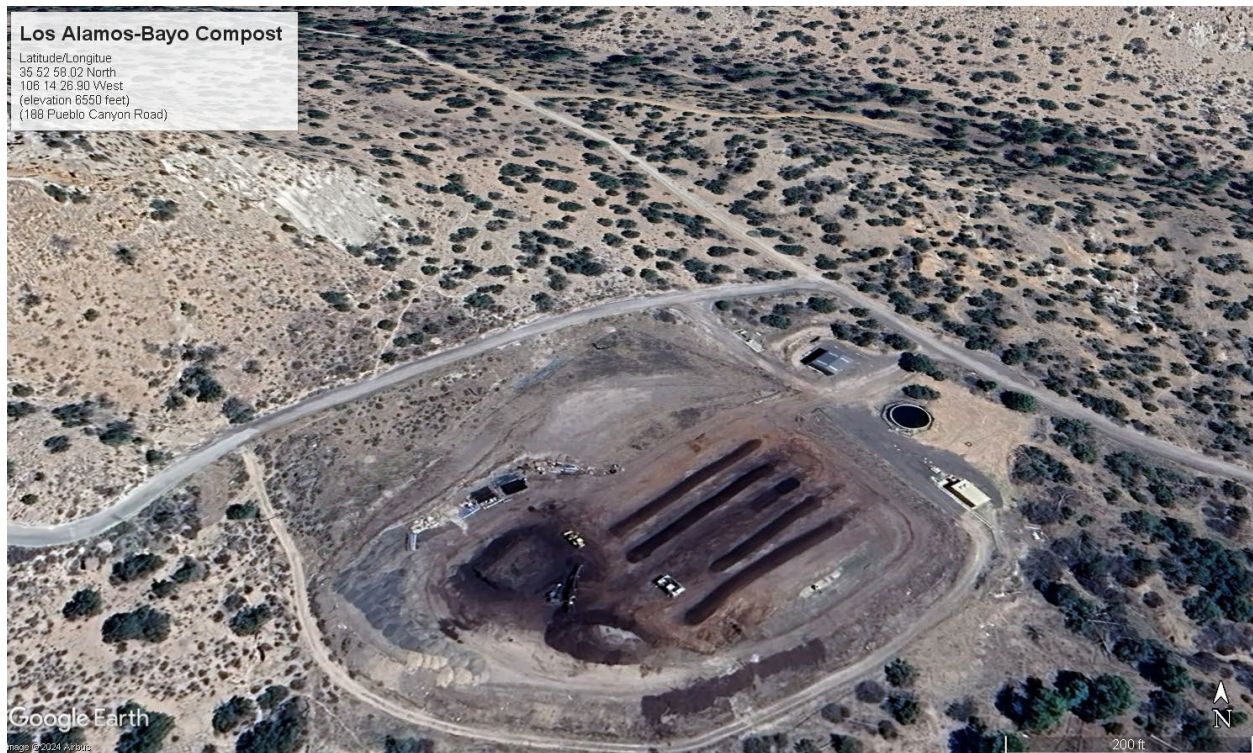
PURPOSE OF THE INSPECTION

United States Environmental Protection Agency (EPA) Region 6 inspector David Esparza, PE, accompanied by Mr. Nafis Fuad, and Ms. Shawnee Suazo from the New Mexico Environment Department (NMED), arrived at the Los Alamos County-Bayo (Bayo) Wastewater Treatment Facility (WWTF) approximately 12:30 PM on March 27, 2024, for an unannounced inspection. I presented my credentials to Mr. Joshua Silva and Mr. Marcos Ocanas and informed them that this was an EPA inspection to determine the facility's compliance under the Clean Water Act (CWA) and the requirements of the National Pollutant Discharge Elimination System (NPDES) permit program, in accordance with the CWA. The generation of this report is based on information supplied by Los Alamos County representatives, observations made by the EPA inspector, NMED, and records and reports maintained by the permittee (Los Alamos County), and the EPA.

It should be noted the Bayo-Compost facility, used in conjunction with the Bayo WWTF (NM0020141) also maintains a discharge permit (DP-1894) issued by the NMED, Groundwater Quality Bureau (GWQB) that allows a permitted discharge up to 3,000 gallons per day (gpd) of stormwater into a storage impoundment for evaporation or disposal offsite.

FACILITY DESCRIPTION

The Bayo-Compost facility is located at 3500 Pueblo Canyon Road, Los Alamos, in Section 18, T19N, R07E, Los Alamos County (denoted in Aerial Image #1 below). Groundwater most likely to be affected is at a depth of approximately 41 feet below land surface (BLS) and had a pre-discharge total dissolved solids concentration of 564 milligrams per liter (mg/L). The Bayo-Compost Area Expansion Project will fundamentally consist of two (2) phases, with the 1st phase consisting of fill placement, grading, liner installation, pond expansion, and concrete rundown. The 2nd phase will consist of placing and compacting a soil wear surface on top of the liner.



Aerial Image #1: Overall view of the Los Alamos-Bayo Compost Facility. 2024 Aerial from Google Earth maps.

Section II – OBSERVATIONS

The following points of discussion are derived from review of information provided by Los Alamos County representatives, their consultant, or visual observation. **Note:** the entire Bayo Compost Expansion Stormwater Pollution Prevention Plan (SWPPP), inclusive of the rain fall and inspection logs were reviewed, for completeness and accuracy.

- There is some confusion as to Caldon Seeding and Reclamation, LLC, and their preparation of the SWPPP, their association to Dub-L-EE as the project operator (day-to-day control) and Los Alamos County as the Project Owner (**Appendix 1** - DUB-L-EE, LLC SWPPP “Bayo Compost Expansion”).
- The Dub-L-EE, Notice of Intent (NOI) (NMR1005W6) cited in the Integrated Computer Information System (ICIS) indicates a Project Start Date of September 28, 2023, and a Project End Date of December 29, 2023. Additionally, the NOI states the “Estimated Area to be Disturbed as 1-acre”. However, denoted on the Map Unit Legend associated with the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) Soil Map-Santa Fe County Area (Bayo Compost Area Expansion) included in the SWPPP the “Acres in the Area of Interest” is listed as 4.8-acres. (**Appendix 1** - DUB-L-EE, LLC SWPPP “Bayo Compost Expansion” and **Appendix 2** - Dub-L-EE Notice of Intent).

- The enclosed SWPPP “Letter of Designation” is unsigned. See page 7 of 50 (**Appendix 1** - Dub-L-EE, LLC SWPPP “Bayo Compost Expansion”).
- The SWPPP states “When applicable, appropriate controls and measures will be implemented for each of the following major construction activities:

a. Excavation: Wattle will be installed where indicated and at a minimum below discharging slopes to prevent “silty” storm water run-off from leaving the site. Wattle will also be installed at any possible discharge points. **b. Pouring of concrete:** curbs, drives, sidewalks, footings and or pads: If necessary, prior to pouring concrete, a concrete/concrete-masonry washout area must be constructed.

A review of the submitted SWPPP Site Plan (labeled “TESCP”) denotes an individual location of a “wattle at swale” but does not delineate the date of installation, or length. Additionally, referring to item **b.** above, a concrete wash-out area is not indicated. **Note:** The acronym “TESCP” is defined as Temporary Erosion and Sediment Control Plan. (**Appendix 3** - SWPPP Site Plan “TESCP”).

- The enclosed United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) Soil Map-Santa Fe County Area (Bayo Compost Area Expansion) indicates staged sludge material, windrows, but it is unknown whether these have been stabilized to prevent vagrant dust or not.
- A review of the SWPPP states, “Temporary Stabilization (**2.2 Stabilization Practices**): Also see temporary erosion and sediment control drawing[s] Installation of Wattle as perimeter protection and at identified sediment discharge areas. In addition to Wattle at discharge locations, tackifier will be used if any areas that are left exposed for more than seven (7) days. Tackifier (plantago based m-binder) at manufacturer recommended amounts of 200 lbs per acre will be sprayed on all dormant areas. The referenced drawings were not enclosed or attached. (**Appendix 1** - Dub-L-EE, LLC SWPPP “Bayo Compost Expansion”).
- A review of several of the Stormwater Construction Site Inspection Reports contain similar statements without validation of the corrective actions taking place. (**Appendix 4** - Stormwater Construction Site Inspection Reports).

Section III – SUMMARY/AREAS OF CONCERN

The entire evaluation can be summarized as follows:

- There is some confusion as to Caldon Seeding and Reclamation, LLC, and their preparation of the SWPPP, their association to Dub-L-EE as the project operator (day-to-day control) and Los

Alamos County as the Project Owner (**Appendix 1-** DUB-L-EE, LLC SWPPP “Bayo Compost Expansion”).

- The Dub-L-EE, NOI (NMR1005W6) cited in the ICIS indicates a Project Start Date of September 28, 2023, and a Project End Date of December 29, 2023. Additionally, the NOI states the “Estimated Area to be Disturbed as 1-acre”. However, denoted on the Map Unit Legend associated with the USDA-NRCS Soil Map-Santa Fe County Area (Bayo Compost Area Expansion) included in the SWPPP the “Acres in the Area of Interest” is listed as 4.8-acres. (**Appendix 1 -** DUB-L-EE, LLC SWPPP “Bayo Compost Expansion” and **Appendix 2 -** Dub-L-EE Notice of Intent).
- The enclosed SWPPP “Letter of Designation” is unsigned. See page 7 of 50(**Appendix 1-** Dub-L-EE, LLC SWPPP “Bayo Compost Expansion”).
- The SWPPP states “When applicable, appropriate controls and measures will be implemented for each of the following major construction activities:

a. Excavation: Wattle will be installed where indicated and at a minimum below discharging slopes to prevent “silty” storm water run-off from leaving the site. Wattle will also be installed at any possible discharge points. **b. Pouring of concrete:** curbs, drives, sidewalks, footings and or pads: If necessary, prior to pouring concrete, a concrete/concrete-masonry washout area must be constructed.

- A review of the submitted SWPPP Site Plan (labeled “TESCP”) denotes an individual location of a “wattle at swale” but does not delineate the date of installation, or length. Additionally, referring to item **b.** above a concrete wash-out area is not indicated. The acronym “TESCP” is defined as Temporary Erosion and Sediment Control Plan. (**Appendix 3-** SWPPP Site Plan “TESCP”).
- The enclosed United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) Soil Map-Santa Fe County Area (Bayo Compost Area Expansion) indicates staged sludge material, windrows, but it is unknown whether these have been stabilized to prevent vagrant dust or not.
- A review of the SWPPP states, “Temporary Stabilization (**2.2 Stabilization Practices**): Also see temporary erosion and sediment control drawing[s] Installation of Wattle as perimeter protection and at identified sediment discharge areas. In addition to Wattle at discharge locations, tackifier will be used if any areas that are left exposed for more than 7 days. Tackifier (plantago based m-binder) at manufacturer recommended amounts of 200 lbs per acre will be sprayed on all dormant areas. The referenced drawings were not enclosed or attached. (**Appendix 1 -** Dub-L-EE, LLC SWPPP “Bayo Compost Expansion”).
- A review of several of the Stormwater Construction Site Inspection Reports contain similar statements without validation of the corrective actions taking place. (**Appendix 4-** Stormwater Construction Site Inspection Reports)

RECOMMENDATION:

- Clarification of all appurtenant parties related to project activities.
- Preparation of any documents used for submittal purposes should receive internal review for clarity and accuracy (i.e., clarification of areas of interest (acreage), letters of delegation, reference documents/attachments, and current site maps/plans with recognized notations).

EPA Region 6 inspector David Esparza conducted a closing conference at Bayo WWTF on March 27, 2024, for the inspection.

Section IV – FOLLOW UP

The following information was received by EPA on April 25, 2024, after exiting the Facility on March 27, 2024

- Bayo Compost Expansion Stormwater Pollution Prevention Plan (SWPPP), inclusive of rain fall and inspection logs.
- Clarification of the following:
 1. Plan Sheet 5 identified in Notes #2, #3 and #5 on the TЕСP.
 2. Note #9 on the TЕСP identifies a spoil pile (dirt) located outside the noted Limits of Disturbance. Has this oversight been corrected? Is this waste pile covered or stablized? Are BMPs in-place?
 3. The Notice of Intent (NOI) indicates an estimated area to be disturbed as 1.0-acre. The noted Limits of Disturbance appear to exceed the stated 1.0- acres. Please confirm affected acreage(s).
 4. As noted on the TЕСP, is this the only location of wattles (at swale) given the site topography and extent of earthwork activities?

Section V – LIST OF APPENDICES

Appendix 1 – Bayo Compost Expansion Stormwater Pollution Prevention Plan (SWPPP)
Appendix 2 – Dub-L-EE Notice of Intent (NOI)
Appendix 3 – SWPPP Site Plan “TЕСP”
Appendix 4 – Stormwater Construction Site Inspection Reports

Appendix 1

Bayo Compost Expansion Stormwater Pollution Prevention Plan (SWPPP)

CONTRACTOR SUBMITTAL FORM

Project: IFB24-07R Los Alamos County Bayo Compost Area Expansion		Contractor's Submittal No.: <u>2</u>	
		Engineer Submittal No.: _____ (if applicable)	
		Date: <u>10/3/2023</u>	
Dub-l-ee # 23-025		Product Description: SWPPP Plan	
CONTRACTOR: DUB-L-EE LLC		Dates of any previous submissions: None	
Supplier: Caldon Seeding and Reclamation LLC		Manufacturer: Caldon Seeding and Reclamation LLC	
Specification No.: Sec 103 3.1		Drawing Nos.: Sheet 2	
Are there any deviations to the contract documents? <u>X</u> no ___ yes (explain and identify:)			
CONTRACTOR'S CERTIFICATION: This submittal has been reviewed by the Contractor in compliance with the requirements of the applicable CONTRACT DOCUMENTS' SPECIFICATIONS. Any deviations to the CONTRACT DOCUMENTS are identified above. If this is a resubmittal, any changes other than those specifically called for by the ENGINEER on previous submittals are specifically identified on the sheet(s) directly following this form.			
Signed: <i>Joseph F. Pino-Montoya</i>		Date: 10/3/2023	
ENGINEER / OWNER ACTIONS:			
Date Received:		No. Copies Received:	
Date Returned:		No. Copies Returned:	
<u> </u> REVIEWED for general conformity with DRAWINGS and SPECIFICATIONS. Quantities shown not verified. CONTRACTOR'S full responsibility is in no way relieved by this action. By: _____ Date: _____			
<u> </u> REVIEWED AND NOTED for general conformity with DRAWINGS and SPECIFICATIONS. Quantities shown not verified. CONTRACTOR'S full responsibility is in no way relieved by this action. By: _____ Date: _____			
<u> </u> REVIEWED AND NOT ACCEPTED. Not in conformity with DRAWINGS and SPECIFICATIONS. By: _____ Date: _____			
ENGINEER'S COMMENTS, IF ANY:			
ENGINEER'S ATTACHMENTS, IF ANY:			

NOTE: Do not combine items from different specifications sections in submittal, unless called for in Specifications

DUB-L-EE, LLC
98 HWY 66E
Albuquerque, NM 87123

BAYO COMPOST AREA EXPANSION



National Pollutant Discharge Elimination System [NPDES]
Storm Water Pollution Prevention Plan [SWPPP] &
Compliance Documentation

September 13th, 2023

Created by
CALDON SEEDING AND RECLAMATION, LLC
SAN ACACIO, COLORADO 81151
(505) 699-5913

TABLE OF CONTENTS

1.0 OVERVIEW	Page
1.1 Project Information	3
1.2 Certifications	4
1.3 Letter of designation	5
1.4 Project Description	7
1.5 Site Map/General Location Map[s]/Area of Soil Disturbance	7
1.6 Scope of Work to be Completed	7
1.7 Measures to Prevent Discharge into Waters of the US	7
1.8 Teams and responsibilities	9
1.9 Training sheet and inspector training certificates	10
1.10 Endangered or Threatened species/Historical Site	10
1.11 TMDL	10
 2.0 EROSION AND SEDIMENT CONTROL MEASURES	
2.1 Temporary Erosion and Sediment Control Drawing[s]	11
2.2 Stabilization Practices	12
2.3 Allowable Non-Storm Water Discharges/Storm Water Discharges	12
2.4 Potential Sources of Storm Water Pollution	15
2.5 Area/Equipment Tasks Frequency Preventive Maintenance/Inspections	15
2.6 Good Housekeeping	17
2.7 Spill Control Practices	18
2.8 Listed BMP Justification and Rationale	20
2.9 Pollutants from Support Activities	21
2.10 Other Potential Pollutants	21
2.11 Runoff Coefficients and RUSLE calculation Pre, During, post construction	21
2.12 Final stabilization including revegetation plan	22
2.13 Revisions to SWPPP Plan	23
2.14 Inspection Reports	24
 3.0 PLANS/MATERIALS INCORPORATED FOR REFERENCE	TAB 3
BMPs	
Endangered Species	
 4.0 NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT 2022	TAB 4
 5.0 NOTICE OF INTENT and NOTICE OF TERMINATION	TAB 5
Copy of Notice of Intent	
Site contact information sheet	
Notice of Termination	

1.0 OVERVIEW

1.1 Project Information

PROJECT INFORMATION

Project Name:	Bayo Compost Area Expansion
Control Number:	IFB 2024-07
Project Location:	188 Pueblo Canyon Road Los Alamos, NM 87544 Los Alamos County
Site Area (Gross Acres):	1.0
Site Area (Disturbed Acres):	1.0
USGS Location:	35.8827° N 106.2409° W

OWNER INFORMATION

Owner	Los Alamos County - Public Utilities
Address:	1000 Central Ave Suite 130 Los Alamos, NM 87544
Phone:	(505) 662-8333
Fax:	(505) 662-8005
Contact:	

GENERAL CONTRACTOR/OPERATOR INFORMATION

General Contractor:	Dub-L-EE, LLC
Address:	98 Hwy 66E Albuquerque, NM 87123
Phone:	(505) 918-0071
Fax:	Unknown
Contact:	Joseph Montoya

PROJECT SITE INFORMATION

Receiving Water(s):	Drainage to Pueblo Canyon
Indian Lands:	This project is not on Indian lands
Estimated Project Start Date	9/28/23
Estimated Project End Date:	12/29/23
NPDES Permit:	ID Number is: NMR1005W6

1.2 Certifications

Project Title: Bayo Compost Area Expansion

Project Operator (Day-to-Day site control): Dub-L-EE, LLC

Project Owner (specification control): Los Alamos County Public Utilities

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.

Operator Signature

Owner Signature

Preparer Signature

Caldon Seeding and Reclamation, LLC

1.3 Letter of Designation (Operator – Dub-L-EE, LLC)

"Director"

US EPA Region 6
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, DC 20460

RE: Letter of designation in accordance with CGP Appendix I. 11. B.

Dear Director:

This letter serves to designate either a person or specifically described position as an authorized person for signing reports, storm water pollution prevention plans, certifications or other information requested by the Director or required by the permit. This authorization cannot be used for signing an NPDES permit application (e.g. Notice of Intent (NOI)) in accordance with 40 CFR 122.22. The following person or position is hereby authorized to sign reports, plans or certifications other than the NOI application:

Name: Paul Chavez – CSR or designee Position: SWPPP Inspector

By signing this authorization, I confirm that I meet the following requirements to make such a designation as set forth in either Appendix I.1 of the Construction general permit [63 Fed Reg 36506] or Part 9.7. of the Multi-Sector General Permit [65 Fed Reg 64746-64880].

For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: 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 the manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25,000,000 (in second quarter 1980 dollars) if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively. For a municipality, State, Federal or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes (1) the chief executive officer of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g. Regional Administrators of EPA).

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

Name _____

Title _____

Date _____

1.3b Letter of Designation (Owner - Los Alamos County Public Utilities)

"Director"
US EPA Region 6
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, DC 20460

RE: Letter of designation in accordance with CGP Appendix I. 11. B.

Dear Director:

This letter serves to designate either a person or specifically described position as an authorized person for signing reports, storm water pollution prevention plans, certifications or other information requested by the Director or required by the permit. This authorization cannot be used for signing an NPDES permit application (e.g. Notice of Intent (NOI)) in accordance with 40 CFR 122.22. The following person or position is hereby authorized to sign reports, plans or certifications other than the NOI application:

Name: _ Paul Chavez – CSR or designee ____ Position: _SWPPP Inspector_____

By signing this authorization, I confirm that I meet the following requirements to make such a designation as set forth in either Appendix I.1 of the Construction general permit [63 Fed Reg 36506] or Part 9.7. of the Multi-Sector General Permit [65 Fed Reg 64746-64880].

For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: 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 the manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25,000,000 (in second quarter 1980 dollars) if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively. For a municipality, State, Federal or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes (1) the chief executive officer of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g. Regional Administrators of EPA).

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

Name	Title	Date
------	-------	------

1.4 Project Description

The Bayo Compost Area Expansion Project will fundamentally consist of 2 phases, with the 1st phase consisting of fill placement, grading, liner installation, pond expansion, and concrete rundown. The 2nd phase will consist of placing and compacting a soil wear surface on top of the liner. The project is located in Los Alamos, NM. There will be grading, concrete work, soil compaction, and finish work.

Soil disturbing activities will include but are not limited to: rough grading, sub excavation, and installation of erosion and sediment control measures.

1.5 Site Map/General Location Map[s]/Areas of Soil Disturbance/Rainfall intensity

See next page for location of project, soil mapping, precipitation data.

1.6 Scope of Work to be Completed

The construction activities will consist of:

Item	Begin	End
Installation of BMPs		
Clearing and Grubbing		
Grading/Excavation		
Concrete		
Liner Installation		
Finish Work		
Final Grading/soil placement		
Final stabilization		

1.7 Measures to Prevent Pollutant Discharge into Waters of the US

It is the intent of the Owner/Operator and Contractor/Operator to provide and comply with permitted coverage requirements until 70% of the original vegetated state [prior to disturbance] of the area is evenly stabilized back to an original non-disturbed vegetated percentage. At such time, this SWPPP will be amended to reflect the termination of coverage and a Notice of Termination [NOT] will be filed.

Required temporary erosion and sediment control devices will be installed prior to the commencement of construction activities on the Bayo Compost Area Expansion Project to prevent and control soil loss. While construction activities are occurring within the project; the appropriate control measures will be implemented by the operators in areas of soil disturbance to direct runoff and ensure that the transport of pollutants and sediment are minimized during storm water events. As the project is developed [progresses toward completion or in the event of rain] the entire project will be evaluated by inspection to determine and ensure that the appropriate control measures[s] are being utilized at each location or within certain areas.

BAYO COMPOST AREA EXPANSION

IFB-2024-07

LOS ALAMOS COUNTY - NEW MEXICO



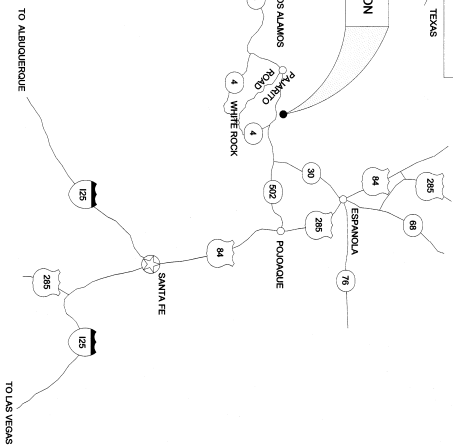
LOS ALAMOS

UTAH | COLORADO | OKLAHOMA

ARIZONA
NEW MEXICO
TEXAS

MEXICO

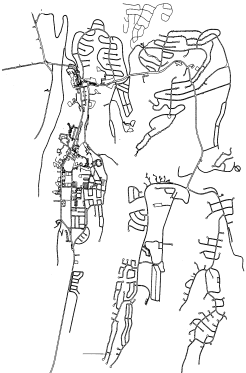
PROJECT LOCATION



NEW MEXICO REGIONAL MAP
NOT TO SCALE

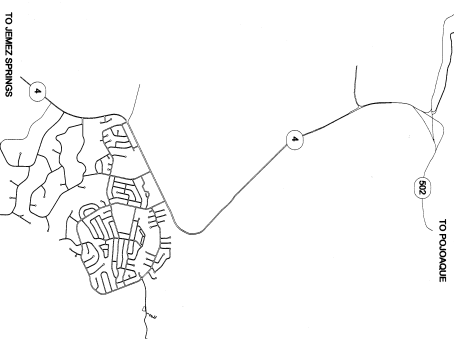


LOS ALAMOS VICINITY MAP
NOT TO SCALE

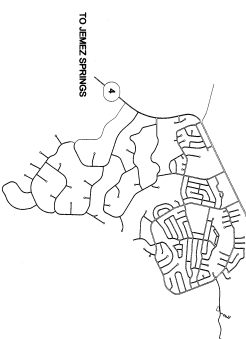


- SHEET INDEX**
- | TITLE SHEET |
|--------------------------------|
| 1 GENERAL NOTES |
| 2 EXISTING CONDITIONS |
| 3 COMPOSTING SITE IMPROVEMENTS |
| 4 GRADING PLAN |
| 5 DETAILS |

PROJECT AREA



WHITE ROCK VICINITY MAP
NOT TO SCALE



APPROVED BY:

DEPARTMENT OF PUBLIC
UTILITIES PROJECT ENGINEER

DATE

6/1/23

DEPARTMENT OF PUBLIC UTILITIES
ENGINEERING ASSOCIATE

DATE

6/1/2023



Soil Map—Santa Fe County Area, New Mexico (Bayo Compost Area Expansion)



Soil Map—Santa Fe County Area, New Mexico
(Bayo Compost Area Expansion)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Santa Fe County Area, New Mexico

Survey Area Data: Version 15, Sep 7, 2023

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

Date(s) aerial images were photographed: Oct 22, 2021—Dec 2, 2021

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
403	Piojillo paragravelly ashy loamy coarse sand, 3 to 15 percent slopes	4.8	100.0%
Totals for Area of Interest		4.8	100.0%



NOAA Atlas 14, Volume 1, Version 5
Location name: Los Alamos, New Mexico, USA*
Latitude: 35.8802°, Longitude: -106.3108°
Elevation: m/ft**
 * source: ESRI Maps
 ** source: USGS



POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aerals](#)

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches) ¹										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.214 (0.186-0.247)	0.278 (0.241-0.321)	0.371 (0.321-0.428)	0.442 (0.382-0.509)	0.539 (0.463-0.620)	0.613 (0.524-0.704)	0.691 (0.587-0.794)	0.771 (0.651-0.889)	0.881 (0.736-1.02)	0.971 (0.803-1.13)
10-min	0.326 (0.283-0.376)	0.423 (0.367-0.488)	0.565 (0.489-0.651)	0.673 (0.581-0.774)	0.820 (0.705-0.944)	0.932 (0.798-1.07)	1.05 (0.893-1.21)	1.17 (0.991-1.35)	1.34 (1.12-1.55)	1.48 (1.22-1.72)
15-min	0.404 (0.351-0.466)	0.524 (0.455-0.605)	0.701 (0.606-0.807)	0.834 (0.720-0.960)	1.02 (0.873-1.17)	1.16 (0.988-1.33)	1.30 (1.11-1.50)	1.46 (1.23-1.68)	1.66 (1.39-1.92)	1.83 (1.52-2.13)
30-min	0.544 (0.472-0.628)	0.706 (0.613-0.815)	0.943 (0.816-1.09)	1.12 (0.969-1.29)	1.37 (1.18-1.58)	1.56 (1.33-1.79)	1.76 (1.49-2.02)	1.96 (1.66-2.26)	2.24 (1.87-2.59)	2.47 (2.04-2.87)
60-min	0.673 (0.585-0.777)	0.874 (0.759-1.01)	1.17 (1.01-1.35)	1.39 (1.20-1.60)	1.70 (1.46-1.95)	1.93 (1.65-2.21)	2.17 (1.85-2.50)	2.42 (2.05-2.80)	2.77 (2.31-3.20)	3.05 (2.53-3.55)
2-hr	0.789 (0.680-0.928)	1.01 (0.872-1.19)	1.34 (1.15-1.58)	1.60 (1.37-1.88)	1.95 (1.65-2.28)	2.23 (1.88-2.61)	2.53 (2.12-2.96)	2.84 (2.36-3.32)	3.27 (2.68-3.83)	3.62 (2.94-4.26)
3-hr	0.854 (0.742-1.00)	1.09 (0.940-1.27)	1.41 (1.22-1.65)	1.67 (1.44-1.96)	2.04 (1.74-2.37)	2.33 (1.98-2.71)	2.64 (2.22-3.07)	2.96 (2.47-3.45)	3.41 (2.81-3.97)	3.77 (3.08-4.40)
6-hr	0.990 (0.869-1.15)	1.25 (1.10-1.44)	1.59 (1.39-1.84)	1.86 (1.62-2.15)	2.24 (1.93-2.58)	2.53 (2.18-2.92)	2.84 (2.42-3.28)	3.17 (2.68-3.64)	3.60 (3.02-4.15)	3.95 (3.27-4.55)
12-hr	1.14 (1.02-1.30)	1.44 (1.28-1.63)	1.81 (1.61-2.05)	2.11 (1.86-2.38)	2.51 (2.21-2.84)	2.83 (2.47-3.20)	3.16 (2.74-3.58)	3.50 (3.02-3.97)	3.96 (3.38-4.50)	4.32 (3.66-4.92)
24-hr	1.37 (1.27-1.49)	1.71 (1.59-1.86)	2.14 (1.98-2.32)	2.47 (2.28-2.68)	2.93 (2.70-3.16)	3.28 (3.01-3.54)	3.64 (3.33-3.93)	4.00 (3.64-4.32)	4.49 (4.05-4.85)	4.86 (4.38-5.26)
2-day	1.60 (1.48-1.73)	1.99 (1.85-2.15)	2.47 (2.29-2.67)	2.85 (2.64-3.08)	3.37 (3.11-3.64)	3.77 (3.46-4.08)	4.18 (3.82-4.52)	4.59 (4.18-4.97)	5.15 (4.66-5.58)	5.58 (5.02-6.06)
3-day	1.75 (1.62-1.89)	2.18 (2.02-2.36)	2.70 (2.50-2.92)	3.12 (2.88-3.37)	3.68 (3.39-3.98)	4.12 (3.78-4.45)	4.56 (4.17-4.93)	5.01 (4.56-5.42)	5.62 (5.08-6.09)	6.09 (5.47-6.61)
4-day	1.89 (1.75-2.05)	2.36 (2.19-2.56)	2.93 (2.71-3.17)	3.38 (3.12-3.66)	3.99 (3.67-4.31)	4.46 (4.09-4.82)	4.94 (4.52-5.34)	5.43 (4.94-5.87)	6.08 (5.50-6.59)	6.59 (5.92-7.15)
7-day	2.29 (2.13-2.46)	2.85 (2.66-3.07)	3.51 (3.27-3.78)	4.03 (3.75-4.34)	4.73 (4.38-5.08)	5.26 (4.85-5.66)	5.79 (5.33-6.24)	6.33 (5.80-6.83)	7.04 (6.40-7.60)	7.58 (6.87-8.21)
10-day	2.65 (2.46-2.86)	3.29 (3.06-3.56)	4.07 (3.78-4.40)	4.68 (4.33-5.05)	5.50 (5.07-5.94)	6.12 (5.64-6.62)	6.77 (6.20-7.31)	7.41 (6.76-8.01)	8.26 (7.48-8.93)	8.91 (8.03-9.66)
20-day	3.59 (3.33-3.88)	4.47 (4.15-4.84)	5.47 (5.07-5.92)	6.23 (5.76-6.73)	7.21 (6.64-7.79)	7.93 (7.30-8.57)	8.65 (7.94-9.36)	9.34 (8.55-10.1)	10.2 (9.33-11.1)	10.9 (9.88-11.8)
30-day	4.48 (4.16-4.80)	5.57 (5.18-5.99)	6.76 (6.29-7.26)	7.65 (7.12-8.21)	8.79 (8.15-9.42)	9.61 (8.89-10.3)	10.4 (9.61-11.2)	11.2 (10.3-12.0)	12.2 (11.1-13.1)	12.9 (11.7-13.9)
45-day	5.65 (5.31-6.04)	7.02 (6.59-7.51)	8.43 (7.91-9.02)	9.46 (8.87-10.1)	10.7 (10.1-11.5)	11.7 (10.9-12.5)	12.5 (11.7-13.4)	13.4 (12.4-14.3)	14.4 (13.3-15.4)	15.1 (14.0-16.2)
60-day	6.63 (6.18-7.09)	8.25 (7.69-8.83)	9.90 (9.24-10.6)	11.1 (10.4-11.9)	12.6 (11.7-13.5)	13.6 (12.7-14.6)	14.6 (13.6-15.6)	15.5 (14.4-16.6)	16.7 (15.4-17.9)	17.5 (16.1-18.8)

¹ Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

[Back to Top](#)

PF graphical



NOAA Atlas 14, Volume 1, Version 5
Location name: Los Alamos, New Mexico, USA*
Latitude: 35.8802°, Longitude: -106.3108°
Elevation: m/ft**
 * source: ESRI Maps
 ** source: USGS



POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aeriels](#)

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches/hour) ¹										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	2.57 (2.23-2.96)	3.34 (2.89-3.85)	4.45 (3.85-5.14)	5.30 (4.58-6.11)	6.47 (5.56-7.44)	7.36 (6.29-8.45)	8.29 (7.04-9.53)	9.25 (7.81-10.7)	10.6 (8.83-12.2)	11.7 (9.64-13.5)
10-min	1.96 (1.70-2.26)	2.54 (2.20-2.93)	3.39 (2.93-3.91)	4.04 (3.49-4.64)	4.92 (4.23-5.66)	5.59 (4.79-6.43)	6.31 (5.36-7.25)	7.04 (5.95-8.12)	8.05 (6.72-9.30)	8.86 (7.34-10.3)
15-min	1.62 (1.40-1.86)	2.10 (1.82-2.42)	2.80 (2.42-3.23)	3.34 (2.88-3.84)	4.07 (3.49-4.68)	4.62 (3.95-5.32)	5.21 (4.43-6.00)	5.82 (4.91-6.71)	6.65 (5.55-7.68)	7.32 (6.06-8.52)
30-min	1.09 (0.944-1.26)	1.41 (1.23-1.63)	1.89 (1.63-2.17)	2.25 (1.94-2.58)	2.74 (2.35-3.15)	3.11 (2.66-3.58)	3.51 (2.98-4.04)	3.92 (3.31-4.52)	4.48 (3.74-5.18)	4.93 (4.08-5.73)
60-min	0.673 (0.585-0.777)	0.874 (0.759-1.01)	1.17 (1.01-1.35)	1.39 (1.20-1.60)	1.70 (1.46-1.95)	1.93 (1.65-2.21)	2.17 (1.85-2.50)	2.42 (2.05-2.80)	2.77 (2.31-3.20)	3.05 (2.53-3.55)
2-hr	0.394 (0.340-0.464)	0.506 (0.436-0.596)	0.668 (0.574-0.788)	0.798 (0.682-0.938)	0.973 (0.826-1.14)	1.11 (0.940-1.30)	1.26 (1.06-1.48)	1.42 (1.18-1.66)	1.64 (1.34-1.92)	1.81 (1.47-2.13)
3-hr	0.284 (0.247-0.333)	0.361 (0.313-0.423)	0.469 (0.405-0.548)	0.557 (0.479-0.651)	0.679 (0.580-0.791)	0.776 (0.659-0.903)	0.879 (0.741-1.02)	0.987 (0.824-1.15)	1.14 (0.935-1.32)	1.25 (1.02-1.46)
6-hr	0.165 (0.145-0.191)	0.209 (0.183-0.241)	0.266 (0.232-0.307)	0.311 (0.271-0.359)	0.373 (0.322-0.430)	0.423 (0.364-0.487)	0.475 (0.405-0.547)	0.529 (0.448-0.609)	0.601 (0.504-0.693)	0.659 (0.547-0.761)
12-hr	0.095 (0.084-0.108)	0.119 (0.106-0.135)	0.150 (0.133-0.170)	0.175 (0.154-0.198)	0.208 (0.183-0.236)	0.235 (0.205-0.266)	0.262 (0.227-0.297)	0.290 (0.251-0.329)	0.329 (0.281-0.374)	0.359 (0.304-0.409)
24-hr	0.057 (0.053-0.062)	0.071 (0.066-0.078)	0.089 (0.083-0.097)	0.103 (0.095-0.112)	0.122 (0.112-0.132)	0.137 (0.125-0.147)	0.151 (0.139-0.164)	0.167 (0.152-0.180)	0.187 (0.169-0.202)	0.203 (0.182-0.219)
2-day	0.033 (0.031-0.036)	0.041 (0.038-0.045)	0.051 (0.048-0.056)	0.059 (0.055-0.064)	0.070 (0.065-0.076)	0.079 (0.072-0.085)	0.087 (0.080-0.094)	0.096 (0.087-0.104)	0.107 (0.097-0.116)	0.116 (0.105-0.126)
3-day	0.024 (0.022-0.026)	0.030 (0.028-0.033)	0.038 (0.035-0.041)	0.043 (0.040-0.047)	0.051 (0.047-0.055)	0.057 (0.052-0.062)	0.063 (0.058-0.068)	0.070 (0.063-0.075)	0.078 (0.071-0.085)	0.085 (0.076-0.092)
4-day	0.020 (0.018-0.021)	0.025 (0.023-0.027)	0.031 (0.028-0.033)	0.035 (0.033-0.038)	0.042 (0.038-0.045)	0.046 (0.043-0.050)	0.051 (0.047-0.056)	0.057 (0.051-0.061)	0.063 (0.057-0.069)	0.069 (0.062-0.074)
7-day	0.014 (0.013-0.015)	0.017 (0.016-0.018)	0.021 (0.019-0.023)	0.024 (0.022-0.026)	0.028 (0.026-0.030)	0.031 (0.029-0.034)	0.034 (0.032-0.037)	0.038 (0.035-0.041)	0.042 (0.038-0.045)	0.045 (0.041-0.049)
10-day	0.011 (0.010-0.012)	0.014 (0.013-0.015)	0.017 (0.016-0.018)	0.019 (0.018-0.021)	0.023 (0.021-0.025)	0.026 (0.023-0.028)	0.028 (0.026-0.030)	0.031 (0.028-0.033)	0.034 (0.031-0.037)	0.037 (0.033-0.040)
20-day	0.007 (0.007-0.008)	0.009 (0.009-0.010)	0.011 (0.011-0.012)	0.013 (0.012-0.014)	0.015 (0.014-0.016)	0.017 (0.015-0.018)	0.018 (0.017-0.020)	0.019 (0.018-0.021)	0.021 (0.019-0.023)	0.023 (0.021-0.025)
30-day	0.006 (0.006-0.007)	0.008 (0.007-0.008)	0.009 (0.009-0.010)	0.011 (0.010-0.011)	0.012 (0.011-0.013)	0.013 (0.012-0.014)	0.014 (0.013-0.016)	0.016 (0.014-0.017)	0.017 (0.015-0.018)	0.018 (0.016-0.019)
45-day	0.005 (0.005-0.006)	0.006 (0.006-0.007)	0.008 (0.007-0.008)	0.009 (0.008-0.009)	0.010 (0.009-0.011)	0.011 (0.010-0.012)	0.012 (0.011-0.012)	0.012 (0.012-0.013)	0.013 (0.012-0.014)	0.014 (0.013-0.015)
60-day	0.005 (0.004-0.005)	0.006 (0.005-0.006)	0.007 (0.006-0.007)	0.008 (0.007-0.008)	0.009 (0.008-0.009)	0.009 (0.009-0.010)	0.010 (0.009-0.011)	0.011 (0.010-0.012)	0.012 (0.011-0.012)	0.012 (0.011-0.013)

¹ Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).
 Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.
 Please refer to NOAA Atlas 14 document for more information.

[Back to Top](#)

PF graphical

When applicable, appropriate controls and measures will be implemented for each of the following major construction activities:

a. Excavation: Wattle will be installed where indicated and at a minimum below discharging slopes to prevent “silty” storm water run-off from leaving the site. Wattle will also be installed at any possible discharge points.

b. Pouring of concrete; curbs, drives, sidewalks, footings and or pads: If necessary, prior to pouring concrete, a concrete/concrete-masonry washout area must be constructed. This washout consists of excavating or berming a hole approximately 7’x7’ square and approximately 3’ deep. Once hole is excavated, line with a plastic sheet. When washout fills to 50% capacity, contractor is required to remove material and dispose of properly at a controlled or designated landfill. Actual location is anticipated near major structure placement. Placement is to be accessible location and will be modified as lane closures and work progresses. It is anticipated the majority of residual concrete that is left can be transported and returned by the delivering vehicle. Alternatively, a 10’x10’ concrete washout can be constructed using 18 inch compost socks.

c. Installation of any or all erosion or sediment control devices within the project

or proposed phase: Temporary control practices will be utilized during the installation and construction of any or all infrastructure placement, including permanent sediment control devices. After sediment control devices have been installed and permanent controls [i.e. temporary sediment ponds or basins applied], temporary measures may or will be removed, if no longer required.

d. Installation of temporary and permanent storm water/drainage structures: Maintain Wattle throughout the project, as needed. Follow manufacturer’s guidelines for Wattle, generally when Wattle is filled to 50% with sediment, remove sediment.

e. Installation of underground utilities: Reference [a] and [b] above.

f. Complete final planting and seeding [landscaping] of disturbed areas (see re-vegetation plan paragraph 2.12): At a minimum, the entire site must be evenly stabilized to 70% of original non-disturbed vegetated condition before the owner can prepare and submit the Notice of Termination [NOT]. Temporary seeding/mulch or soil polymer will be used in exposed areas, not constructed and with no activity for a period of 14 days or greater or by permanent stabilization [prior to filing NOT] stabilize by seeding, mulching in areas not covered by permanent structures such as: paving, buildings, concrete, etc. No seeding expected.

g. The Safe Drinking Water Act will be adhered to for this project – will not use any listed controls.

After final construction, remove unnecessary temporary sediment control devices and stabilize area per [f] above.

All control measures will be implemented as soon as it is practical and within 14 days of work cession within locations where construction activities have temporarily or permanently ceased.

Control measures may be needed [or implemented] on certain portions of a site where the total time period that construction activity is temporarily ceased for less than 14 days [reference [c] above]. Once construction activities have permanently ceased, final stabilization practices will be applied.

1.8 STORM WATER POLLUTION PREVENTION TEAM

The storm water pollution prevention team is responsible for developing, implementing, maintaining and revising this SWPPP. The members of the team are familiar with the management and operations of the Bayo Compost Area Expansion Project.

Dub-L-EE, LLC is in operational control of construction and requested the origination of this SWPPP. Caldon Seeding and Reclamation, LLC is delegated and authorized to originate and design the SWPPP for NPDES compliance. The member[s] of the team and their responsibilities [i.e. implementing, maintaining, record keeping, submitting reports, conducting inspections, employee training, conducting the annual compliance evaluation, monitoring for non-storm water discharges and signing the required certifications] are as follows:

NAME & TITLE	RESPONSIBILITY
Los Alamos County Public Utilities 1000 Central Ave Suite 130 Los Alamos, NM 87544 (505) 662-8333	Owner/Development Specifications
Dub-L-EE, LLC 98 Hwy 66E Albuquerque, NM 87123 Joseph Montoya (505) 918-0071 (24 hour Contact)	General Contractor/Construction Operations Team
Caldon Seeding and Reclamation 505-699-5913 Len Horan – SWPPP and inspections Richie Caldon – BMPS/ Stabilization (505) 699-5913	SWPPP and Inspections Final Stabilization – Dub-L-EE, LLC is responsible for structures

1.9 Employee Training and Inspector Training Certificates

Employee training is a major component in ensuring the success of the project's SWPPP. The more knowledgeable all employees are about the project's SWPPP and what is expected of them, the greater the potential that the plan is successful and is therefore an essential component of this project.

Use the following table to record training conducted:

Name	Company	Signature		Name	Company	Signature

1.10 Endangered/Threatened Species/Historical Site/Wetlands Information

As required by Addendum C of the Construction General Permit, measures were taken to determine the potential effects of storm water runoff and construction related activities on federally listed endangered or threatened species. A thorough review of the area and a comparison made to listed endangered species was conducted. It was determined that the proposed construction would not involve habitat of endangered species. For the purposes of this documentation, criterion [E] is utilized on the application for permitting purposes.

A listing of endangered and/or threatened species [animals and plants] and documentation to support any wetland areas located within the project county has been included in the swPPP attachments (**tab 3**).

This site is not located near any specific sites listed in the national register of historic places in Los Alamos County.

1.11 Total Maximum Daily Loads

The State of New Mexico 2020-2022 Integrated Clean Water Act para 303 (d)/para305(b) Report was reviewed to determine existence of TMDLs. This project drains to the Pueblo Canyon. This drainage has no listed impairments or TMDLs.

2.0 EROSION AND SEDIMENT CONTROL MEASURES

2.1 Temporary Erosion and Sediment Control Plan Drawing[s]

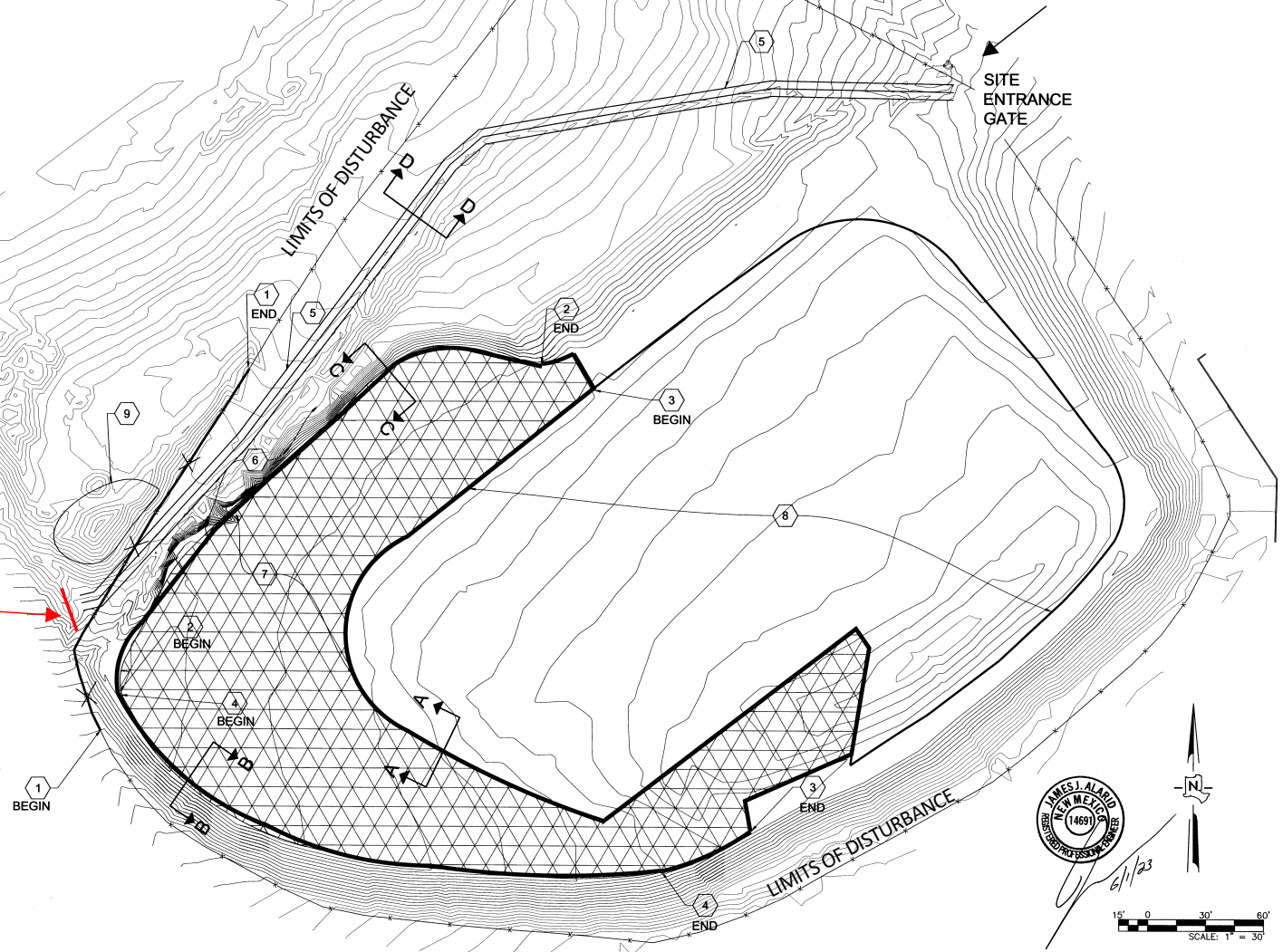
The following pages are the TЕСP that will be followed on the project.

TESCP

- 1 REMOVE AND REPLACE BARBED WIRE FENCE WHERE IN CONFLICT WITH GRADING. CONTRACTOR CAN REUSE EXISTING FENCE AND POST IF NOT DAMAGED. OTHERWISE PROVIDE NEW MATERIALS.
- 2 INSTALL TWO ROWS OF 2' x 2' x 6' SOLID CONCRETE BLOCKS, BACKFILL BLOCKS, AND GRADE SLOPE PER SECTION C-C ON SHEET 5.
- 3 JOIN NEW LINER TO EXISTING LINER PER SECTION A-A ON SHEET 5.
- 4 INSTALL SINGLE ROW OF 2' x 2' x 6' SOLID CONCRETE BLOCKS, BACKFILL BACKSIDE OF BLOCKS AT TOP OF SLOPE PER SECTION B-B ON SHEET 5.
- 5 INSTALL EARTHEN SWALE AND BERM PER SECTION D-D ON SHEET 5
- 6 GRADE SLOPE BACK AT 2H:1V SLOPE. SOME CONCRETE AND CONSTRUCTION DEBRIS MAY EXIST IN THIS AREA WHICH SHALL BE REMOVED AND DISPOSED OF PER THE DIRECTION OF THE PROJECT MANAGER. PAYMENT OF THIS WORK WILL BE PAID BY ALLOWANCE.
- 7 LIMITS OF AREA WHERE NEW 60 MIL HDPE LINER WILL BE INSTALLED PER DETAIL E ON SHEET 5.
- 8 LIMITS OF AREA WHERE 60 MIL HDPE LINER EXISTS. THE CONTRACTOR WILL FURNISH SUITABLE MATERIAL TO BUILD UP SOIL COVER ON THE EXISTING LINER TO MINIMUM THICKNESS OF 12". THE EXISTING LINER SHALL BE PROTECTED. IF THE LINER IS DAMAGED BY CONTRACTOR, THE LINER SHALL BE REPAIRED PER MANUFACTURER'S REQUIREMENTS TO BE AN IMPERVIOUS WATER BARRIER.
- 9 DIRT PILE IN THIS AREA SHALL BE REUSED FOR FILL IN THE NEW COMPOSTING AREA IF SUITABLE. CONSTRUCTION DEBRIS MAY EXIST IN THIS AREA, WHICH SHALL BE REMOVED AND DISPOSED OF PER THE DIRECTION OF THE PROJECT MANAGER. PAYMENT FOR THIS WORK WILL BE PAID BY ALLOWANCE.

WATTLE
AT SWALE

POST SITE SIGN AND
RAIN GAUGE AT ENTRANCE



2.2 Stabilization Practices

Temporary Stabilization: [Also see temporary erosion and sediment control drawing[s] Installation of Wattle as perimeter protection and at identified sediment discharge areas. In addition to Wattle at discharge locations, tackifier will be used if any areas that are left exposed for more than 7 days. Tackifier (plantago based m-binder) at manufacturer recommended amounts of 200 lbs per acre will be sprayed on all dormant areas.

Permanent Stabilization: Native seed (revegetation) will take place to permanently stabilize project area once work ceases or areas not covered by permanent stabilization (time noted on schedule). Otherwise the site will consist of impervious pavement/structure. Dub-L-EE, LLC has final stabilization responsibility. No seeding expected.

Structural Practices [BMP Selection and Description(s)]:

Note: Selection and preference of use, of site-specific BMP's follows industry standards and acceptability conforming to loading capacities and durability.

Storm Water Management: Permanent seeding, landscaping and/or permanent stabilization will also take place in outlined/disturbed areas. None expected.

Waste Materials: All waste materials will be collected and stored in a secure area. All trash and construction debris will be deposited in a dumpster or other containment. Dumpster should be emptied at least once per week or as required.

Hazardous Waste: All hazardous waste materials will be disposed of in the manner specified by local or state regulations or by manufacturer. All sanitary waste will be collected from the portable units as required.

Offsite Vehicle Tracking: A stabilized construction entrance may be installed to help reduce vehicle tracking of sediments. Initially, no entrance will be established and vehicles will be discouraged from entering worksite. A designated parking area will be established.

Post Construction: Seeding and/or permanent stabilization will aid in stabilizing the project once work is complete, if needed.

2.3 Allowable Non-Storm Water Discharges [CGP]

The following are authorized allowable non-storm water discharges, provided the non-storm water component of the discharge is in compliance with [Non-Storm Water Discharge Management].

Likely on this project (Yes or No)

 N 1. Discharges from fire fighting activities

- Fire fighting activities and requirements are an unforeseen element but are an essential component and necessity. Outlined in this SWPPP are BMP requirements to slow, channel, confine and filter sediment during construction, therefore limiting contaminated water from departing the project area.
- N 2. Fire hydrant flushing
- Hydrant flushing activity generally is captured for the benefit and reuse as project water for general construction purposes and not allowed to free run, allowing erosion and offsite travel of excess sediment. Continued water drought predictability or probability continues to be of concern. Water conservation is and will be a management criterion for this project with reuse for compaction or air quality dust control.
- N 3. Waters to wash vehicles where detergents are not used.
- Washing of any vehicles or equipment is prohibited and will be conducted in areas offsite that are managed with containment and permitted by others.
- Y 4. Water used to control dust in accordance with Subpart 3.4.G
- Offsite tracking is addressed within this SWPPP and will include a regiment of:
 - Street cleaning for prevention of dust by traffic [i.e. brooming or scraping off] as any visible aspect requires attention.
 - Dust control by watering and wetting with excess or erosion with reusable uncontaminated or potable dischargeable water.
- N 5. Potable water including uncontaminated water line flushing
- Project construction
 - If the potable water has chlorine in it, it should not be being used in this manner without proper controls per section 2 & 3.
 - Dust control
- N 6. Routine external building wash down that does not use detergents
- N/A to this project
- N 7. Pavement wash waters where spills or leaks of toxic or hazardous materials
- Have not occurred [unless all spilled material has been removed] and where detergents are not used.
- N 8. Uncontaminated air conditioning or compressor condensation
- N/A to this project
- N 9. Uncontaminated ground water or spring water
- This project has no identifiable ground water or spring waters within project boundaries. In the event any such conditions arise and are identified, this SWPPP will immediately be amended with BMP's and management controls to accurately prevent contamination. This SWPPP has BMP's designated to prevent and reduce sediment-laden water from discharging and carrying offsite to any potential groundwater's or spring waters.

___N___ 10. Foundation or footing drains where flows are not contaminated with process materials such as solvents.

___N___ 11. Uncontaminated excavation dewatering

___N___ 12. Landscape irrigation

- Irrigation of landscaping is by design metered and controlled therefore not allowing excess discharge or runoff.

Allowable Storm Water Discharges [CGP]

The following are authorized allowable storm water discharges, provided the storm water component of the discharge is in compliance with [Non-Storm Water Discharge Management].

1. Storm water associated with large and small construction activity as defined in Appendix A.

2. Storm water discharges designated by the EPA as needing a storm water permit under 40 CFR §122.26(a) (1) (v) or §122.26(b) (15) (ii)

3. Discharges from support activities [e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas] provided:

- The support activity is directly related to the construction site required to have a NPDES permit coverage for discharges of storm water associated with construction activity.
- The support activity is not a commercial operation serving multiple unrelated construction projects by different operators, and does not operate beyond the completion of the construction activity at the last construction project it supports.
- Appropriate controls and measures are identified in the Storm Water Pollution Prevention Plan [SWPPP] covering the discharges from the support activity areas.

4. Discharges composed of allowable discharges listed in 1.3.A. and 1.3.B commingled with discharge authorized by a different NPDES permit and/or a discharge that does not require NPDES permit authorization.

Allowable storm water discharges are addressed as components of this SWPPP.

2.4 Potential Sources of Storm Water Pollution

Inventory of potential sources of contamination:

Construction activities have been determined to create significant sources of storm water Contaminants.

The following have been identified as potential sources of storm water contamination.

- Areas of significant soil erosion
 - o Slopes greater than 3:1
 - o High velocity run-off channels
- Storage and maintenance areas for material handling equipment;
- Immediate access roads
- Material handling sites [storage loading, unloading, transportation, or, conveyance of any raw material, finished product, intermediate product, by-product or waste]
- Shipping and receiving areas
- Equipment storage
- Refuse sites
- Disposal or application of wastewater [i.e. well drilling waste-water]
- Areas containing residual pollutants from past industrial activity, spills and leaks
- Vehicle maintenance and cleaning areas
- Human/animal waste
- Wind

2.5 Area/Equipment Tasks Frequency Preventive Maintenance/Inspections

INSPECTION REPORTS ARE LOCATED AT THE END OF THIS TAB (rainfall amounts will be recorded on inspection reports)

Preventative maintenance involves the regular inspection, testing and cleaning of project equipment and operational systems. These inspections will help to uncover conditions that might lead to a release of contaminants. This allows for preventative maintenance issues to prevent such release. The following equipment/activities will be included in the preventative maintenance program.

The Operator shall continually [during scheduled and unscheduled specific site visits] monitor the implemented temporary erosion and sediment control measures during site-specific and project construction activities to ensure the effectiveness and operation condition of the measures. If changes or repairs are needed to improve the effectiveness and operation of a sediment control measure, changes or repairs will be implemented as soon as practicable. In no case shall the discovery of needed corrective action be greater than 7 days.

Maintenance of temporary erosion and sediment control measures will continue until disturbed areas within the project have been stabilized. After the completion of construction activities maintenance measures will be performed when inspection finds it necessary to remove all silt accumulation or repair deteriorated or damaged structures. Any area detention ponds will be excavated when they lose 50% or more of their design capacity.

The Owner/Operator will provide qualified personnel or companies to inspect disturbed areas of the project. Areas exposed to precipitation such as topsoil stockpiles and non-final stabilized areas will be inspected. Inspections will ensure measures are properly installed or applied and effective.

The Owner/Operator is required to conform to the NPDES requirements, and is required [as the SWPPP requires] to verify that all contractors on this site complete and file a NOI and comply with this SWPPP or originate their own SWPPP. Any sub-contractors working under the directional control of a site operator will sign and participate in the SWPPP or be subject to compliance provisions.

All temporary erosion and sediment control structures, measures, practice locations, and site vehicle access [enter and exit] points **will be inspected every 7 days and within 24 hours after a storm water event of ¼ inch or greater.** Inspectors will document sediment accumulation and if necessary recommend that corrective measures be implemented immediately. If emergency repairs and measures are needed after a significant rainfall [greater than ½ inch], such measures and repairs will be performed and completed immediately and before the next significant rainfall event [if weather, supplies/materials and site conditions will permit]. Final stabilized areas and sites will be inspected every 14 days per the NPDES requirements effective February 16th, 2022 until the “NOT” is submitted. Inspectors will ensure control measures are maintained in good operating condition.

The Operator [qualified personnel] will inspect disturbed areas and structures for erosion and sediment control effectiveness and for the potential of pollutants entering the drainage system. All erosion and sediment control measures not including final stabilization will be inspected and observed to ensure proper operation. Discharge locations will be inspected to assure effectiveness. Inspections will document effectiveness of measures and potential impacts to receiving waters.

The Operator will modify/amend the SWPPP after an inspection has identified that a significant change is needed in the site/project [construction activities have been planned and identified or additional areas requiring temporary erosion and sediment control measures has been discovered]. Controls will then be incorporated into the plan at this location. **If necessary, the SWPPP will be amended within seven days following an inspection’s discovery of needed measures and action[s] to disturbed or other eroding areas [caused by construction activities] within the project.** An amended NOI will be submitted at least two days prior [unless immediate action is required] to the commencement of construction activities at new location[s] which add new disturbed area, and plan amendments will be incorporated prior to the submittal of the amended NOI.

The Operator will assure that the report is prepared and the inspection conducted by qualified personnel. The inspection report will summarize the inspection and shall contain the date of the inspection, findings, major observations, and certify project compliance with SWPPP and permit. If recommendations for actions are made, corrective measures shall be implemented. The SWPPP will be amended if necessary. Also, the inspection report will identify, describe and contain any incidents of non-compliance. The project Operator [or designated qualified personnel] will sign the inspection report and must comply with the signatory requirements set forth in the Construction General Permit [CGP]. All NPDES documents associated with this project will be kept for three years after the date on the Notice of Termination [“NOT”].

The Operator will ensure that non-storm water discharges do not cause sediments or pollutants to be discharged to receiving waters. Non-storm water discharges are not planned or expected to take place during the construction activities for the project, other than that exempt by the NPDES Program and this permit [i.e. dust control]. Other exempt non-storm water discharges that could possibly occur within the project during construction include flows from washing of vehicles [without detergents] or dust control.

Changes in construction activities that produce non-exempt non-storm water discharges will be identified and the SWPPP will be amended and the appropriate temporary Erosion and sediment control measures will be implemented.

2.6 Good Housekeeping

Good housekeeping practices are designed to maintain a clean and orderly work environment. This will reduce the potential for significant material to come in contact with storm water.

The following practices are included in our good housekeeping routine:

The contractor and subcontractors will use Best Management Practices [BMP's] and general common sense to limit contact between potential pollutants [chemical and other materials] and storm water. A designated parking area will be established, a construction yard will be designated on the Temporary Erosion and Sediment Control Drawing[s] and all temporary bathroom facilities will be located in this area. It is recommended clean rock or gravel be applied in this area to keep possible contaminants contained within this area. This also allows for the ease of cleanup should a spill occur. The contractor and subcontractors will implement good housekeeping practices by maintaining a clean and orderly construction site. BMP and good housekeeping practices will be utilized for: materials management; waste disposal; off-site tracking; spill prevention and response; sanitation; and non-storm water discharges:

Contractor and subcontractor practices will include:

- *Materials Management:* the proper handling and storage and labeling of chemicals and other potentially hazardous or toxic materials. A complete set of Material Safety Data Sheets [MSDS] sheets should be kept and maintained onsite for information purposes. **Service vehicles shall be equipped with an emergency spill kit;** materials will be stored and labeled within the designated staging area and potential hazard materials [i.e. paint, stucco, oil, grease, etc.] be placed on crates or pallets and protected.
- *Waste Disposal:* the disposal of excess materials and solid waste to off-site locations designated as acceptable disposal sites for such materials. The removed material should be disposed of according to local rules and regulations covering hazardous waste.
- *Off-site Tracking:* minimized by requiring vehicles to park in stabilized areas and periodic [once a week or as needed] watering of exposed areas. Should sediment be tracked onto adjacent roadways, a power broom will be used to sweep sediment back

onto the jobsite, or sediment can be hand shoveled or broomed from roadway back onto the site.

- *Spill Prevention and Response:* the discharge or spill of hazardous substances is not expected to occur due to or during construction activities. The project and its activities are not expected to use any substance in a manner or quantity that might require the reporting of a release in excess of reportable quantities. However, in the event that some unforeseen incident [spill of hazardous material in excess of reportable quantities] was to occur within the project during construction activities, the following measures will be followed:
 1. The operator will:
 - a) Stop the source of the spill
 - b) Contain the spill
 - c) Clean up the spill
 - d) Dispose of material contaminated by the spill in an environmentally approved disposal site
 2. Notify both the National Response Center (1-800-424-8802) and the New-Mexico Environment's Hazardous and Radioactive Materials Bureau (1-505-827-4300) within 24-hours of a release of hazardous materials in excess of reportable quantities
 3. The operator will submit within 14 calendar days of the notification a description of the incident to the appropriate authorities; the operator will modify the SWPPP, if appropriate, within 14 calendar days of the notification and identify measures to prevent a reoccurrence.
- *Sanitation:* providing temporary facilities [such as portable restrooms] to ensure that the site sanitation requirements comply with federal, state and local regulations. Anchor and place away from areas prone to activity or areas that could potentially carry a spill in the event of an accident.

2.7 Spill Control Practices

In addition to good housekeeping practices discussed in this SWPPP, the following practices will be followed for spill prevention and cleanup:

- Manufacturers recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment materials will include but are not limited to: brooms, dust pans, mops, rags, gloves, goggles, cat litter, sand, saw dust as well as plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.

- Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of size.

SUMMARY OF SPILLS AND LEAKS

A) <u>SUBSTANCE</u>	Date	Cause	Corrective Measures
(B)			
(C)			
(D)			
(E)			
(F)			
(G)			
(H)			

<u>Substance</u>	<u>Released to</u>	<u>Reportable quantity</u>
Engine oil, fuel, hydraulic and brake fluid	Land	25 gallons
Engine oil, fuel, hydraulic and brake fluid	Water	Visible Sheen
Antifreeze	Land	100 lbs.
Battery acid	Land, Water	100 lbs.
Freon	Air	1 lb.

Points of Contact for Reportable Quantities:

EPA National Response Center	(800) 424-8802
NM Environment Department	(505) 827-9329 (emergency) (505) 428-6535 (non-emergency)

2.8 Listed BMP Justification and Rationale

1. Rationale for BMP's

In this Temporary Erosion and Sediment Control drawing[s] Wattle was included in the sediment yield analysis. Wattle was considered as the **major component** due to the effectiveness for sediment control and the ease of use at the construction site.

2. BMP Design and Construction Specifications

The primary overall design specification for this BMP to be used in this project is that the listed BMP must be designed so as to reduce the construction phase sediment yield from the project to a level at or below the pre-construction undisturbed condition. The specifications are provided in the form of construction details and notes shown within the SWPPP documentation.

3. Maintenance Schedule and Inspection Criteria

The maintenance and inspection criterion for the BMP's to be used during construction is given in the SWPPP documentation. Inspection, maintenance and rain event forms are provided in the SWPPP that need to be completed to ensure the effectiveness of the required project BMP's. After construction is complete [70% of the original natural vegetated state is substantially complete for the NOT execution], sediment control is achieved primarily by stabilization practices as opposed to structural practices.

4. BMP Performance and Longevity

Given proper installation and maintenance, the BMP specified in the SWPPP documentation and analyzed herein are expected to perform at least as well as predicted by this analysis. Again, given proper maintenance as required by the SWPPP for operator performance during construction the longevity of the BMP's are expected to be equal to the duration of this project.

5. Conclusion

The RUSLE equation and sediment yield analysis indicates that compost Wattles will be effective in controlling the sediment yield [travel] during construction of this project. It is anticipated that the sediment yields [travel] after construction will be similar to yields under existing conditions and implementation of the BMP's will lessen sediment runoff after construction. Rainfall intensity and Frequency charts included after page 6 were used to calculate the RUSLE output. The during and post construction will have a lower RUSLE factor due to grading and improved velocity dissipating devices.

2.9 Pollutants from Support Activities (Asphalt/Concrete Plants)

There are no anticipated or potential impacts related to support activities from asphalt or concrete plants. Required materials are to be generated/produced and supplied by sources outside and away from project area. Others permit these sites and are required to comply with NPDES regulations.

2.10 Potential Pollutants Used and/or Found Onsite

The following potential pollutants were evaluated for this project and whether or not they have a potential to affect storm water discharge from the job site. Including but not limited to:

<u>Pollutant</u>		<u>Activity</u>
Oil	Potential Effect	Maintenance activity/Operations
Grease	Potential Effect	Maintenance activity/Operations
Ethylene Glycol	Potential Effect	Vehicle use/maintenance
Petroleum Hydrocarbons	Potential Effect	Vehicle use/maintenance
Suspended Solids	Potential Effect	Grading activities
Dissolved Solids	Potential Effect	Grading activities
Turbidity	Potential Effect	Grading activities
Trash (wood, paper, cigarettes, ash, etc)	Potential Effect	General operations
Fecal Coliforms (human/animal)	Potential Effect	Portapotty use
Tar	Potential Effect	Paving Ops (n/a)
Asphalt	Potential Effect	Curb/Gutter (n/a)
Cement	Potential Effect	Curb/Gutter (n/a)
Glues	Potential Effect	Finishing activities
Solvents	Potential Effect	Paving Ops/Maintenance
Metals	Potential Effect	Operations
Chlorine in Potable Water	Potential Effect	Operations/Line flushing

2.11 Runoff Coefficient and RUSLE Calculations

See attached sediment control calculations and figures for:

- Pre existing sediment basins [pre construction]
- Bare ground sediment basins [during construction]
- Urban sediment basins [post construction]

Total Area and Area of Disturbed Soil/Sediment Control Flow Calculations

The project is subject to the requirements of the EPA Region VI General Permit. The project will utilize an **NPDES permit [NMR1005W6]** from the EPA and implement a SWPPP with Best Management Practices [BMP's] during construction activities to prevent and reduce pollutants and construction site run-off, due to activities performed, from leaving the project site during storm events. The SWPPP includes BMP's with temporary and permanent measures to prevent and reduce pollutants from leaving the project. The temporary erosion and sediment control measures

identified in this plan will be observed by project operators and contracted consultants to ensure measures are effective in preventing impacts to the receiving watershed.

See next page for calculations.

2.12 Revegetation plan

Seeding will be completed on all disturbed areas not covered by base course, concrete, or other permanent stabilization. There is no seeding expected as the project. If necessary, Seeding will follow LAC seeding specifications and will consist of preparation of soil and hydroapplying a native seedmix and covered with 2,000lbs/ac hydromulch.

SOIL LOSS COMPUTATION (PRE-Construction)

Benchmark: Preconst	Project: Bayo Compost Area Expansion
Alternative Treatment: none	Location: Los Alamos, NM
Rainfall Factor(RUSLE): 10	County: Los Alamos
Soil Name and Tex:	Date: 9/12/23
Soil Loss Tolerance (T):	
Wind Climate Factor:	
RUSLE C Factor (field 1): 0.48	
(field 2):	
(field 3):	
(field 4):	
Type of Land: RANGELAND/SANDY	

Water Erosion (RUSLE)

$$R \times K \times LS \times CP \times P = A$$

support

	Rainfall R	Soil K	Slope	Length-slope	Cover mgt C	practices P	Soil loss A	Tons by field
Size (ac)	(factor)	(factor)	(%)	Length (ft)	LS (factor)	(factor)	(t/ac/yr)	(t/yr)

[illegible]

SOIL LOSS COMPUTATION (During and POST-Construction)

Benchmark: Postconst	Project: Bayo Compost Area Expansion
Alternative Treatment: none	Location: Los Alamos, NM
Rainfall Factor(RUSLE): 10	County: Los Alamos
Soil Name and Tex:	Date: 9/12/23
Soil Loss Tolerance (T):	
Wind Climate Factor:	
RUSLE C Factor (field 1): 0.48	
(field 2):	
(field 3):	
(field 4):	
Type of Land: RANGELAND/SAN	

Water Erosion (RUSLE)

$$R \times K \times LS \times CP \times P = A$$

support

	Rainfall R	Soil K	Slope		Length-slope	Cover mgt C	practices P	Soil loss A	Tons by field
Size (ac)	(factor)	(factor)	(%)	Length (ft)	LS (factor)	(factor)	(factor)	(t/ac/yr)	(t/yr)

[illegible]

2.13 Revisions

REVISIONS TO THE STORM WATER POLLUTION PREVENTION PLAN		
Date	Description of Revision	Authorized Signature

2.14 Inspections (inspector certifications)

Inspection reports per the CGP will be located after this sheet

Conditions:

This plan has been prepared according with the Clean Water Act and represents a planning tool to assist the contractor to comply with environmental regulations during the project construction. The decisions on how to operate the construction site rest solely with the Contractor and not with Caldon Seeding and Reclamation, LLC. Therefore, Caldon Seeding and Reclamation, LLC is not liable for the operational decisions of the Contractor or the failure of the same to follow the recommendations outlined in the SWPPP documentation.

The Contractor agrees to hold harmless Caldon Seeding and Reclamation, LLC for any potential violations the Contractor may receive for operational violations from regulatory agencies such as federal governments, city governments, the State, or EPA. Caldon Seeding and Reclamation, LLC will answer inquiries on how the SWPPP was prepared and defend recommendations made with any regulatory authority that may request it. By accepting the SWPPP, the Contractor accepts this disclaimer and its conditions.

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section III of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section II of this form. Submission of this NOI also constitutes notice that the operator identified in Section III of this form meets the eligibility requirements of Part 1.1 CGP for the project identified in Section IV of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

Permit Information

NPDES ID: NMR1005W6State/Territory to which your project/site is discharging: NM

Is your project/site located on federally recognized Indian Country lands? No

Are you requesting coverage under this NOI as a *"Federal Operator"* or a *"Federal Facility"* as defined in Appendix A (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-a-definitions.pdf>)?

No

Have stormwater discharges from your current construction site been covered previously under an NPDES permit? No

Will you use polymers, flocculants, or other treatment chemicals at your construction site? No

Has a Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filling this NOI, as required? Yes

Are you able to demonstrate that you meet one of the criteria listed in Appendix D (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-d-endangered-species-protection.pdf>) with respect to protection of threatened or endangered species listed under the Endangered Species Act (ESA) and federally designated critical habitat?

Yes

Have you completed the screening process in Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>) relating to the protection of historic properties?

Yes

Indicating "Yes" below, I confirm that I understand that CGP only authorized the allowable 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 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

Operator Information

Operator Information

Operator Name: Dub-L-EE, LLC

Operator Mailing Address:

Address Line 1: 98 HWY 66E

Address Line 2:

City: AlbuquerqueZIP/Postal Code: 87123State: NMCounty or Similar Division: BernalilloCountry: US

Operator Point of Contact Information

First Name Middle Initial Last Name: Joseph MontoyaTitle: PMPhone: 505-918-0071

Ext.:

Email: jmontoya@dub-l-ee.com

NOI Preparer Information

☒ This NOI is being prepared by someone other than the certifier.First Name Middle Initial Last Name: Len Horan

Organization:

Phone: (505) 699-5913

Ext.:

Email: lenhoran@rocketmail.com

Project/Site Information

Project/Site Name: Bayo Compost Area Expansion

Project/Site Address

Address Line 1: 188 Pueblo Canyon Road

Address Line 2:

City: Los Alamos

ZIP/Postal Code: 87544

State: NM

County or Similar Division: Los Alamos

Latitude/Longitude: 35.8827°N, 106.2409°W

Latitude/Longitude Data Source: Map

Horizontal Reference Datum: WGS 84

Project Start Date: 09/28/2023

Project End Date: 12/29/2023

Estimated Area to be Disturbed: 1

Types of Construction Sites:

- Area Expansion

Will there be demolition of any structure built or renovated before January 1, 1980? No

Will you be discharging dewatering water from your site? No

Was the pre-development land use used for agriculture? No

Are there other operators that are covered under this permit for the same project site? No

Have earth-disturbing activities commenced on your project/site? No

Is your project/site located on federally recognized Indian Country lands? No

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

Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? No

Are there any waters of the U.S. within 50 feet of your project's earth disturbances? No

Are any of the waters of the U.S. to which you discharge 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) or as a Tier 3 water (Outstanding National Resource Water)? See Resources, Tools and Templates (<https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>)

No

001:

Latitude/Longitude: 35.882272°N, 106.240764°W

Tier Designation: N/A

Is this receiving water impaired (on the CWA 303(d) list)? No

Has a TMDL been completed for this receiving waterbody? No

Stormwater Pollution Prevention Plan (SWPPP)

Will all required personnel, including those conducting inspections at your site, meet the training requirements in Part 6 of this permit? Yes

First Name Middle Initial Last Name: Len Horan

Title: Engineer

Phone: 505-699-5913

Ext.:

Email: lenhoran@rocketmail.com

Endangered Species Protection Worksheet: Criterion E

Determine ESA Eligibility Criterion

Are your discharges and discharge-related activities already addressed in another operator's valid certification of eligibility for your "action area" under the current 2022 CGP? No

Has consultation between you, a Federal Agency, and the USFWS and/or the NMFS under section 7 of the Endangered Species Act (ESA) concluded? Yes

➤ The result of the consultation was:

Option ii. Written concurrence (e.g., letter of concurrence) from the applicable Service(s) with a determination that your site's discharges and discharge-related activities are not likely to adversely affect ESA-listed species and/or designated critical habitat. The concurrence letter must have included the effects of your site's discharges and discharge-related activities on all the ESA-listed species and/or designated critical habitat on your species list(s) acquired from USFWS and/or NMFS as part of this worksheet.

➤ The consultation does not warrant reinitiation under 50 CFR §402.16; or, if reinitiation of consultation is required (e.g., due to a new species listing, critical habitat designation, or new information), the federal action agency has reinitiated the consultation and the result of the consultation is consistent with the statements above. Include any reinitiation documentation from the Services or consulting federal agency with your NOI.

True

You are eligible under **Criterion E**.

Identify the federal action agency or agencies involved (i.e. the federal agencies seeking coverage):

US Dept of Interior - USFWS

Identify the Service(s) field or regional offices providing the consultation:

USFWS - New Mexico Service

Identify any tracking numbers associated with the consultation (e.g., IPaC number, ECO number):

2023-0128801

Provide the date the consultation was completed: 2023-09-13

Attach correspondence with USFWS and/or NMFS documenting the Biological Opinion, conference opinion (IPaC or ECO tracking number) or concurrence.

Name	Uploaded Date	Size
 Species List_ New Mexico Ecological Services Field Office.pdf (attachment/1736043)	09/14/2023	254.02 KB

Historic Preservation



Are you installing any stormwater controls as described in Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>) that require subsurface earth disturbances? (Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>), Step 1)

No

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: Mercedes E. Saiz

Certifier Title: Controller

Certifier Email: msaliz@dub-l-ee.com

Certified On: 09/14/2023 1:47 PM ET



EPA NPDES

Storm Water Program

The following information is posted in compliance with Part 3.12.B. of the NPDES Region 6 Storm Water Construction General Permit [68 Fed. Reg. 39087]. This form should be posted in a conspicuous place accessible by the public at the entrance of the facility. All parties that either individually, or taken together, meet the definition of "operator," must be permitted. Each party should complete and post a separate form. Each of these parties must have separate and distinct NPDES permit numbers (e.g. a separate permit is typically needed for each Owner/Developer, General Contractor, and/or Builder). If you do not know your NPDES Permit Number, contact the NOI Processing Center at (866)352-7755. EPA's Region 6 storm water hotline phone number is (214)665-8060. If you have mailed your NOI application form and have not received a permit number, you must post a copy of the NOI application form next to this document until you receive your permit number. This form was prepared as an example and it is not a required form for use with the permit. This information may be displayed in alternative form or formats within guidelines set forth in the permit. Additional information regarding the NPDES Region 6 storm water program may be found on the Internet at <http://www.epa.gov/region6/sw/>. Any person with a complaint about the operation of this facility in regards to this permit should contact EPA Region 6 at (214)665-8060.

Permit Number	NMR1005W6
Contact Name	JOSEPH MONTOYA
Contact Phone	505 918-0071
Project Description	BAYO COMPOST AREA EXPANSION If you would like to obtain a copy of the Stormwater Pollution Prevention Plan (SWPPP) for this site, contact the EPA Regional Office - Suzanna Perea (perea.suzanna@epa.gov) (214) 665-7217
SWPPP Location (Only necessary if the site is inactive or does not have an on-site location to store the plan.)	If you observe indicators of stormwater pollutants in the discharge or in the receiving waterbody, contact the EPA at https://www.epa.gov/enforcement/report-environmental-violations

Appendix F - Notice of Termination Form and Instructions

From the effective date of this permit, operators are to use the Notice of Termination Form contained in this Appendix to terminate permit coverage.

NPDES
Form



United States Environmental Protection Agency
Washington, DC 20460
**Notice of Termination (NOT) of Coverage Under an NPDES General Permit for Storm
Water Discharges Associated with Construction Activity**

Submission of this Notice of Termination constitutes notice that the party identified in Section II of this form is no longer authorized to discharge storm water associated with construction activity under the NPDES program from the site identified in Section III of this form. All necessary information must be included on this form. Refer to the instructions at the end of this form.

I. Permit Information

NPDES Storm Water General Permit Tracking Number:

Reason for Termination (Check only one):

- ☐ Final stabilization has been achieved on all portions of the site for which you are responsible.
- ☐ Another operator has assumed control, according to Appendix G, Section 11.C of the CGP, over all areas of the site that have not been finally stabilized.
- ☐ Coverage under an alternative NPDES permit has been obtained.
- ☐ For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.

II. Operator Information

Name:

IRS Employer Identification Number (EIN): -

Mailing Address:

Street:

City: State: Zip Code: -

Phone: - - Fax (optional): - -

E-mail (optional):

III. Project/Site Information

Project/Site Name:

Project Street/Location:

City: State: Zip Code: -

County or similar government subdivision:

IV. 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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name:

Print Title:

Signature:

Date:

Instructions for Completing EPA Form 3510-13
**Notice of Termination (NOT) of Coverage Under an NPDES General Permit for
Storm Water Discharges Associated with Construction Activity**

NPDES Form

This Form Replaces Form 3517-7 (8-98)

Form Approved OMB Nos. 2040-0086 and 2040-0211

Who May File an NOT Form

Permittees who are presently covered under the EPA-issued National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction Activity may submit an NOT form when final stabilization has been achieved on all portions of the site for which you are responsible; another operator has assumed control in accordance with Appendix G, Section 11.C of the General Permit over all areas of the site that have not been finally stabilized; coverage under an alternative NPDES permit has been obtained; or for residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.

"Final stabilization" means that all soil disturbing activities at the site have been completed and that a uniform perennial vegetative cover with a density of at least 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed. See "final stabilization" definition in Appendix A of the Construction General Permit for further guidance where background native vegetation covers less than 100 percent of the ground, in arid or semi-arid areas, for individual lots in residential construction, and for construction projects on land used for agricultural purposes.

Completing the 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. If you have any questions about this form, refer to www.epa.gov/npdes/stormwater/cgp or telephone the Storm Water Notice Processing Center at (866) 352-7755. Please submit original document with signature in ink - do not send a photocopied signature.

Section I. Permit Number

Enter the existing NPDES Storm Water General Permit Tracking Number assigned to the project by EPA's Storm Water Notice Processing Center. If you do not know the permit tracking number, refer to www.epa.gov/npdes/stormwater/cgp or contact the Storm Water Notice Processing Center at (866) 352-7755.

Indicate your reason for submitting this Notice of Termination by checking the appropriate box. Check only one:

Final stabilization has been achieved on all portions of the site for which you are responsible.

Another operator has assumed control according to Appendix G, Section 11.C over all areas of the site that have not been finally stabilized.

Coverage under an alternative NPDES permit has been obtained.

For residential construction only, if temporary stabilization has been completed and the residence has been transferred to the homeowner.

Section II. Operator Information

Provide the legal name of the person, firm, public organization, or any other entity that operates the project described in this application and is covered by the permit tracking number identified in Section I. The

operator of the project is the legal entity that controls the site operation, rather than the site manager. Provide the employer identification number (EIN from the Internal Revenue Service; IRS). If the applicant does not have an EIN enter "NA" in the space provided. Enter the complete mailing address and telephone number of the operator. *Optional:* enter the fax number and e-mail address of the operator.

Section III. Project/Site Information

Enter the official or legal name and complete street address, including city, state, zip code, and county or similar government subdivision of the project or site. If the project or site lacks a street address, indicate the general location of the site (e.g., Intersection of State Highways 61 and 34). Complete site information must be provided for termination of permit coverage to be valid.

Section IV. Certification Information

All applications, including NOIs, must be signed as follows:

For a corporation: By a responsible corporate officer. For the purpose of this Part, 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 to the manager in accordance with corporate procedures.

For a partnership or sole proprietorship: By a general partner or the proprietor, respectively; or

For a municipality, state, federal, or other public agency: By either a principal executive officer or ranking elected official. For purposes of this Part, a principal executive officer of a federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of EPA).

Include the name and title of the person signing the form and the date of signing. An unsigned or undated NOT form will not be considered valid termination of permit coverage.

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 0.5 hours per notice, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form including any suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, 2136, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB number on any correspondence. Do not send the completed form to this address. **Visit this website for mailing instructions:** http://cfpub.epa.gov/npdes/stormwater/application_coverage.cfm#mail



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



In Reply Refer To:
Project Code: 2023-0128801
Project Name: Bayo Compost Area Expansion

September 14, 2023

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 as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act as amended (16 USC 668-668(c)). 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.

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the ESA of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the ESA is to provide a means whereby threatened and endangered species and

the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the ESA and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA; 42 USC 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at <https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>.

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:
<https://www.emnrd.nm.gov/sfd/rare-plants/>

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

In addition to responsibilities to protect threatened and endangered species under the ESA, there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the Service (50 CFR 10.12 and 16 USC 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a Federal nexus) or a Bird/Eagle Conservation Plan (when there is no Federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>. We also recommend review of the Birds of Conservation Concern list (<https://www.fws.gov/media/birds-conservation-concern-2021>) to fully evaluate the effects to the birds at your site. This list identifies migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent top conservation priorities for the Service, and are potentially threatened by disturbance, habitat impacts, or other project development activities.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 thereby provides additional protection for both migratory birds and migratory bird habitat. Please visit <https://www.fws.gov/partner/council-conservation-migratory-birds> for information regarding the implementation of Executive Order 13186.

We 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 protected and at-risk species fish, wildlife, and plants.

For further consultation with the Service we recommend submitting inquiries or assessments electronically to our incoming email box at nmesfo@fws.gov, where it will be more promptly routed to the appropriate biologist for review.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

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

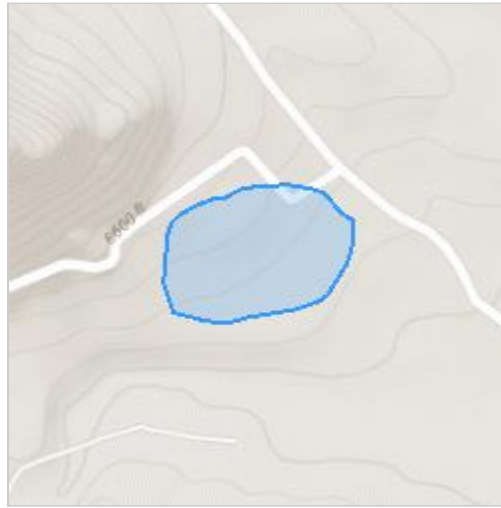
Albuquerque, NM 87113-1001

(505) 346-2525

PROJECT SUMMARY

Project Code: 2023-0128801
Project Name: Bayo Compost Area Expansion
Project Type: Stormwater Discharge with NPDES Permit
Project Description: Area Improvement in Los Alamos, NM in 2023
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@35.882848100000004,-106.24065576677674,14z>



Counties: Santa Fe 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 Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

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

-
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 <i>Zapus hudsonius luteus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7965	Endangered

BIRDS

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

AMPHIBIANS

NAME	STATUS
Jemez Mountains Salamander <i>Plethodon neomexicanus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4095	Endangered

FISHES

NAME	STATUS
Rio Grande Cutthroat Trout <i>Oncorhynchus clarkii virginalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/920	Candidate

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

CRITICAL HABITATS

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

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Dub-L-EE

Name: Len Horan

Address: PO Box 507

City: Tierra Amarilla

State: NM

Zip: 87575

Email: lenhoran@rocketmail.com

Phone: 5056995913

LOS ALAMOS COUNTY HISTORICAL SITES

Resource Name	Listed	Address	City
Bandelier CCC Historic District	28-May-87	Off State Road 4	Bandelier National Monument
		35°46'50"N 106°16'03"W	
Bandelier National Monument	15-Oct-66	12 miles (19 km) south of Los Alamos on State Ro	Los Alamos
		35°46'32"N 106°19'06"W	
Bayo Road	7-Nov-03	Approximately 420 feet northwest of the junctio	Los Alamos
		35°53'58"N 106°17'51"W	
Chupaderos Canyon Small Structural Site	7-Nov-90	Address Restricted	Espanola
Chupaderos Mesa Village	7-Nov-90	Address Restricted	Espanola
Grant Road	14-Jan-04	Approximately 131 feet north of the northeaster	Los Alamos
		35°53'57"N 106°17'54"W	
Guaja Water/Soil Control Site	7-Nov-90	Address Restricted	Espanola
Guaje Site	7-Dec-82	Address Restricted	Los Alamos
Los Alamos Scientific Laboratory	15-Oct-66	Central Ave.	Los Alamos
		35°52'54"N 106°17'54"W	
Lujan Road	12-Jan-05	Northeast of the junction of Diamond Dr. and Sa	Los Alamos
		35°53'49"N 106°16'52"W	
Pajarito Springs Site	6-Dec-82	Address Restricted	White Rock
United States Post Office-Los Alamos, New Mexic	3-Aug-15	199 Central Park Sq.	Los Alamos
		35°52'54"N 106°18'04"W	
White Rock Canyon	18-May-90	North of White Rock[5]	White Rock
		(#90000717)	35°49'39"N 106°12'05"W

Appendix 2

Dub-L-EE Notice of Intent (NOI)

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section III of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section II of this form. Submission of this NOI also constitutes notice that the operator identified in Section III of this form meets the eligibility requirements of Part 1.1 CGP for the project identified in Section IV of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

Permit Information

NPDES ID: NMR1005W6

State/Territory to which your project/site is discharging: NM

Is your project/site located on federally recognized Indian Country lands? No

Are you requesting coverage under this NOI as a "Federal Operator" or a "Federal Facility" as defined in Appendix A (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-a-definitions.pdf>)?

No

Have stormwater discharges from your current construction site been covered previously under an NPDES permit? No

Will you use polymers, flocculants, or other treatment chemicals at your construction site? No

Has a Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filling this NOI, as required? Yes

Are you able to demonstrate that you meet one of the criteria listed in Appendix D (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-d-endangered-species-protection.pdf>) with respect to protection of threatened or endangered species listed under the Endangered Species Act (ESA) and federally designated critical habitat?

Yes

Have you completed the screening process in Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>) relating to the protection of historic properties?

Yes

Indicating "Yes" below, I confirm that I understand that CGP only authorized the allowable 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 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

Operator Information

Operator Information

Operator Name: Dub-L-EE, LLC

Operator Mailing Address:

Address Line 1: 98 HWY 66E

Address Line 2:

City: Albuquerque

ZIP/Postal Code: 87123

State: NM

County or Similar Division: Bernalillo

Country: US

Operator Point of Contact Information

First Name Middle Initial Last Name: Joseph Montoya

Title: PM

Phone: 505-918-0071

Ext.:

Email: jmontoya@dub-l-ee.com

NOI Preparer Information

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

First Name Middle Initial Last Name: Len Horan

Organization:

Phone: (505) 699-5913

Ext.:

Email: lenhoran@rocketmail.com

Project/Site Information

Project/Site Name: Bayo Compost Area Expansion

Project/Site Address

Address Line 1: 188 Pueblo Canyon Road

Address Line 2:

City: Los Alamos

ZIP/Postal Code: 87544

State: NM

County or Similar Division: Los Alamos

Latitude/Longitude: 35.8827°N, 106.2409°W

Latitude/Longitude Data Source: Map

Horizontal Reference Datum: WGS 84

Project Start Date: 09/28/2023

Project End Date: 12/29/2023

Estimated Area to be Disturbed: 1

Types of Construction Sites:

- Area Expansion

Will there be demolition of any structure built or renovated before January 1, 1980? No

Will you be discharging dewatering water from your site? No

Was the pre-development land use used for agriculture? No

Are there other operators that are covered under this permit for the same project site? No

Have earth-disturbing activities commenced on your project/site? No

Is your project/site located on federally recognized Indian Country lands? No

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

Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? No

Are there any waters of the U.S. within 50 feet of your project's earth disturbances? No

Are any of the waters of the U.S. to which you discharge 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) or as a Tier 3 water (Outstanding National Resource Water)? See Resources, Tools and Templates (<https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>)

No

001:

Latitude/Longitude: 35.882272°N, 106.240764°W

Tier Designation: N/A

Is this receiving water impaired (on the CWA 303(d) list)? No

Has a TMDL been completed for this receiving waterbody? No

Stormwater Pollution Prevention Plan (SWPPP)

Will all required personnel, including those conducting inspections at your site, meet the training requirements in Part 6 of this permit? Yes

First Name Middle Initial Last Name: Len Horan

Title: Engineer

Phone: 505-699-5913

Ext.:

Email: lenhoran@rocketmail.com

Endangered Species Protection Worksheet: Criterion E

Determine ESA Eligibility Criterion

Are your discharges and discharge-related activities already addressed in another operator's valid certification of eligibility for your "action area" under the current 2022 CGP? No

Has consultation between you, a Federal Agency, and the USFWS and/or the NMFS under section 7 of the Endangered Species Act (ESA) concluded? Yes

➤ The result of the consultation was:

Option ii. Written concurrence (e.g., letter of concurrence) from the applicable Service(s) with a determination that your site's discharges and discharge-related activities are not likely to adversely affect ESA-listed species and/or designated critical habitat. The concurrence letter must have included the effects of your site's discharges and discharge-related activities on all the ESA-listed species and/or designated critical habitat on your species list(s) acquired from USFWS and/or NMFS as part of this worksheet.

➤ The consultation does not warrant reinitiation under 50 CFR §402.16; or, if reinitiation of consultation is required (e.g., due to a new species listing, critical habitat designation, or new information), the federal action agency has reinitiated the consultation and the result of the consultation is consistent with the statements above. Include any reinitiation documentation from the Services or consulting federal agency with your NOI.

True

You are eligible under **Criterion E**.

Identify the federal action agency or agencies involved (i.e. the federal agencies seeking coverage):

US Dept of Interior - USFWS

Identify the Service(s) field or regional offices providing the consultation:

USFWS - New Mexico Service

Identify any tracking numbers associated with the consultation (e.g., IPaC number, ECO number):

2023-0128801

Provide the date the consultation was completed: 2023-09-13

Attach correspondence with USFWS and/or NMFS documenting the Biological Opinion, conference opinion (IPaC or ECO tracking number) or concurrence.

Name	Uploaded Date	Size
 Species List_ New Mexico Ecological Services Field Office.pdf (attachment/1736043)	09/14/2023	254.02 KB

Historic Preservation

Are you installing any stormwater controls as described in Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>) that require subsurface earth disturbances? (Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>), Step 1)

No

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: Mercedes E. Saiz

Certifier Title: Controller

Certifier Email: msaiz@dub-l-ee.com

Certified On: 09/14/2023 1:47 PM ET

Appendix 3

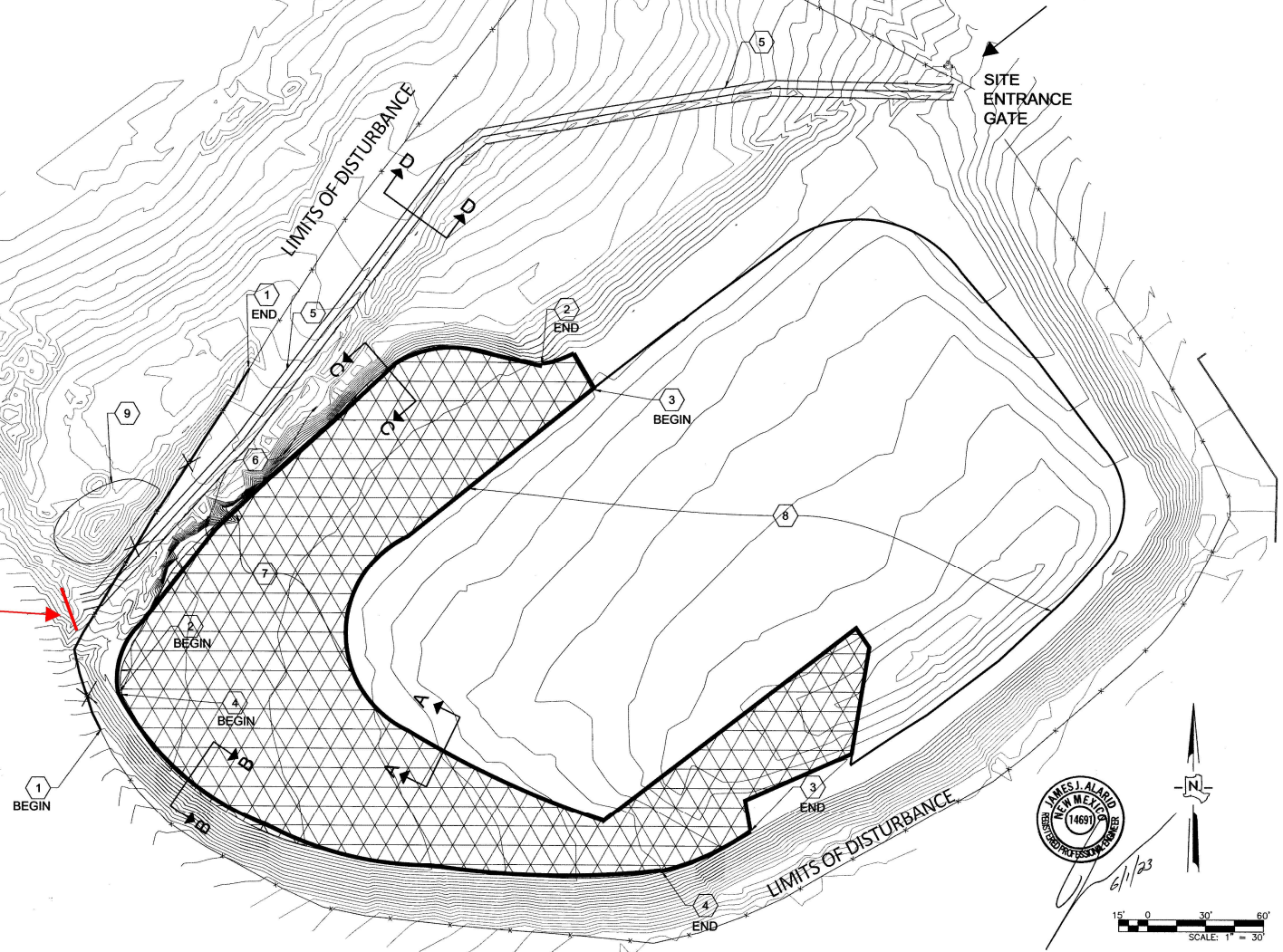
SWPPP Site Plan “TESCP”

TESCP

- 1 REMOVE AND REPLACE BARBED WIRE FENCE WHERE IN CONFLICT WITH GRADING. CONTRACTOR CAN REUSE EXISTING FENCE AND POST IF NOT DAMAGED. OTHERWISE PROVIDE NEW MATERIALS.
- 2 INSTALL TWO ROWS OF 2' x 2' x 6' SOLID CONCRETE BLOCKS, BACKFILL BLOCKS, AND GRADE SLOPE PER SECTION C-C ON SHEET 5.
- 3 JOIN NEW LINER TO EXISTING LINER PER SECTION A-A ON SHEET 5.
- 4 INSTALL SINGLE ROW OF 2' x 2' x 6' SOLID CONCRETE BLOCKS, BACKFILL BACKSIDE OF BLOCKS AT TOP OF SLOPE PER SECTION B-B ON SHEET 5.
- 5 INSTALL EARTHEN SWALE AND BERM PER SECTION D-D ON SHEET 5
- 6 GRADE SLOPE BACK AT 2H:1V SLOPE. SOME CONCRETE AND CONSTRUCTION DEBRIS MAY EXIST IN THIS AREA WHICH SHALL BE REMOVED AND DISPOSED OF PER THE DIRECTION OF THE PROJECT MANAGER. PAYMENT OF THIS WORK WILL BE PAID BY ALLOWANCE.
- 7 LIMITS OF AREA WHERE NEW 60 MIL HDPE LINER WILL BE INSTALLED PER DETAIL E ON SHEET 5.
- 8 LIMITS OF AREA WHERE 60 MIL HDPE LINER EXISTS. THE CONTRACTOR WILL FURNISH SUITABLE MATERIAL TO BUILD UP SOIL COVER ON THE EXISTING LINER TO MINIMUM THICKNESS OF 12". THE EXISTING LINER SHALL BE PROTECTED. IF THE LINER IS DAMAGED BY CONTRACTOR, THE LINER SHALL BE REPAIRED PER MANUFACTURER'S REQUIREMENTS TO BE AN IMPERVIOUS WATER BARRIER.
- 9 DIRT PILE IN THIS AREA SHALL BE REUSED FOR FILL IN THE NEW COMPOSTING AREA IF SUITABLE. CONSTRUCTION DEBRIS MAY EXIST IN THIS AREA, WHICH SHALL BE REMOVED AND DISPOSED OF PER THE DIRECTION OF THE PROJECT MANAGER. PAYMENT FOR THIS WORK WILL BE PAID BY ALLOWANCE.

WATTLE
AT SWALE

POST SITE SIGN AND
RAIN GAUGE AT ENTRANCE



Appendix 4

Stormwater Construction Site Inspection Reports



CSR

Stormwater Construction Site Inspection Report

General Information			
Project Name	Bayo Compost Area Expansion		
NPDES Tracking No.	NMR100	Location	Los Alamos, New Mexico
Date of Inspection	11/16/2023	Start/End Time	9:50-10:20 a.m.
Inspector's Name(s)	Paul E. Chavez		
Inspector's Title(s)	Inspector		
Inspector's Contact Information	(505)470-5571 chavez.paul74@yahoo.com		
Inspector's Qualifications	SEE SWPPP Plan		
Describe present phase of construction	BMP Installation		
Type of Inspection: ☒ Regular ☐ Pre-storm event ☐ During storm event ☐ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ☐ Yes ☒ No RAIN GAUGE READING: 0"			
If yes, provide: Storm Start Date & Time: Approximate Amount of Precipitation (in):			
Weather at time of this inspection? ☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Temperature: 45°F			
Have any discharges occurred since the last inspection? ☐ Yes ☒ No If yes, describe:			
Are there any discharges at the time of inspection? ☐ Yes ☒ No If yes, describe:			

Site-specific BMPs

	BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes		BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes
1	Wattle	☒ Yes ☐ No	☐ Yes ☐ No	relocation	13		☐ Yes ☐ No	☐ Yes ☐ No	
2		☐ Yes ☐ No	☐ Yes ☐ No		14		☐ Yes ☐ No	☐ Yes ☐ No	
3		☐ Yes ☐ No	☐ Yes ☐ No		15		☐ Yes ☐ No	☐ Yes ☐ No	
4		☐ Yes ☐ No	☐ Yes ☐ No		16		☐ Yes ☐ No	☐ Yes ☐ No	
5		☐ Yes ☐ No	☐ Yes ☐ No		17		☐ Yes ☐ No	☐ Yes ☐ No	
6		☐ Yes ☐ No	☐ Yes ☐ No		18		☐ Yes ☐ No	☐ Yes ☐ No	
7		☐ Yes ☐ No	☐ Yes ☐ No		19		☐ Yes ☐ No	☐ Yes ☐ No	
8		☐ Yes ☐ No	☐ Yes ☐ No		20		☐ Yes ☐ No	☐ Yes ☐ No	
9		☐ Yes ☐ No	☐ Yes ☐ No		21		☐ Yes ☐ No	☐ Yes ☐ No	
10		☐ Yes ☐ No	☐ Yes ☐ No		22		☐ Yes ☐ No	☐ Yes ☐ No	
11		☐ Yes ☐ No	☐ Yes ☐ No		23		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☒ Yes ☐ No	☐ Yes ☒ No	Minimal disturbance
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☒ Yes ☐ No	☐ Yes ☒ No	Mulch sock installed on discharge side of project
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	Perimeter controls adequate; site overall contained
4	Are discharge points and receiving waters free of any sediment deposits (check for signs of visible erosion)?	☒ Yes ☐ No	☐ Yes ☒ No	No erosion or sediment deposit observed
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	none
6	Is the construction exit preventing sediment from being tracked into the street?	☒ Yes ☐ No	☐ Yes ☒ No	Stable
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☒ Yes ☐ No	☐ Yes ☒ No	No trash/ litter observed
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	None on site
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☒ Yes ☐ No	☐ Yes ☒ No	No leaks or spills observed
10	Are materials that are potential stormwater contaminants stored inside or under cover?	☒ Yes ☐ No	☐ Yes ☒ No	No Contaminants exposed
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☒ Yes ☐ No	☐ Yes ☒ No	No non-storm discharge observed
12	(Other)	☐ Yes ☐ No	☐ Yes ☐ No	

Non-Compliance

Describe any incidents of non-compliance not described above and any other comments about project:

SUMMARY OF FINDINGS:

1. Adjustment of mulch sock made; no finding of non-compliance.

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: _____ Paul E. Chavez SWPPP Inspector _____

Signature: _____  _____ Date: _____ 11/16/2023 _____

** Also have authorized signature of Owner/Operator**



CSR

Stormwater Construction Site Inspection Report

General Information			
Project Name	Bayo Compost Area Expansion		
NPDES Tracking No.	NMR100	Location	Los Alamos, New Mexico
Date of Inspection	12/1/2023	Start/End Time	8:00-8:30 a.m.
Inspector's Name(s)	Paul E. Chavez		
Inspector's Title(s)	Inspector		
Inspector's Contact Information	(505)470-5571 chavez.paul74@yahoo.com		
Inspector's Qualifications	SEE SWPPP Plan		
Describe present phase of construction	BMP Installation		
Type of Inspection: ☒ Regular ☐ Pre-storm event ☐ During storm event ☒ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ☐ Yes ☒ No RAIN GAUGE READING: 0.5" If yes, provide: Storm Start Date & Time: 12/30/2023 Approximate Amount of Precipitation (in): 0.5" in multiple inches snowfall			
Weather at time of this inspection? ☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Temperature: 30°F			
Have any discharges occurred since the last inspection? ☐ Yes ☒ No If yes, describe:			
Are there any discharges at the time of inspection? ☐ Yes ☒ No If yes, describe:			

Site-specific BMPs

	BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes		BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes
1	Wattle	☒ Yes ☐ No	☐ Yes ☐ No	relocation	13		☐ Yes ☐ No	☐ Yes ☐ No	
2		☐ Yes ☐ No	☐ Yes ☐ No		14		☐ Yes ☐ No	☐ Yes ☐ No	
3		☐ Yes ☐ No	☐ Yes ☐ No		15		☐ Yes ☐ No	☐ Yes ☐ No	
4		☐ Yes ☐ No	☐ Yes ☐ No		16		☐ Yes ☐ No	☐ Yes ☐ No	
5		☐ Yes ☐ No	☐ Yes ☐ No		17		☐ Yes ☐ No	☐ Yes ☐ No	
6		☐ Yes ☐ No	☐ Yes ☐ No		18		☐ Yes ☐ No	☐ Yes ☐ No	
7		☐ Yes ☐ No	☐ Yes ☐ No		19		☐ Yes ☐ No	☐ Yes ☐ No	
8		☐ Yes ☐ No	☐ Yes ☐ No		20		☐ Yes ☐ No	☐ Yes ☐ No	
9		☐ Yes ☐ No	☐ Yes ☐ No		21		☐ Yes ☐ No	☐ Yes ☐ No	
10		☐ Yes ☐ No	☐ Yes ☐ No		22		☐ Yes ☐ No	☐ Yes ☐ No	
11		☐ Yes ☐ No	☐ Yes ☐ No		23		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☒ Yes ☐ No	☐ Yes ☒ No	Minimal disturbance
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☒ Yes ☐ No	☐ Yes ☒ No	Mulch sock installed on discharge side of project
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	Perimeter controls adequate; site overall contained
4	Are discharge points and receiving waters free of any sediment deposits (check for signs of visible erosion)?	☒ Yes ☐ No	☐ Yes ☒ No	No erosion or sediment deposit observed
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	none
6	Is the construction exit preventing sediment from being tracked into the street?	☒ Yes ☐ No	☐ Yes ☒ No	Stable
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☒ Yes ☐ No	☐ Yes ☒ No	No trash/ litter observed
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	None on site
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☒ Yes ☐ No	☐ Yes ☒ No	No leaks or spills observed
10	Are materials that are potential stormwater contaminants stored inside or under cover?	☒ Yes ☐ No	☐ Yes ☒ No	No Contaminants exposed
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☒ Yes ☐ No	☐ Yes ☒ No	No non-storm discharge observed
12	(Other)	☐ Yes ☐ No	☐ Yes ☐ No	

Non-Compliance

Describe any incidents of non-compliance not described above and any other comments about project:

SUMMARY OF FINDINGS:

1. Site was inaccessible until 12/1 due to heavy snowfall-BMPs remained stable



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: _____ Paul E. Chavez SWPPP Inspector _____

Signature: _____ Date: 12/1/2023 _____

** Also have authorized signature of Owner/Operator**



CSR

Stormwater Construction Site Inspection Report

General Information			
Project Name	Bayo Compost Area Expansion		
NPDES Tracking No.	NMR100	Location	Los Alamos, New Mexico
Date of Inspection	12/1/2023	Start/End Time	8:00-8:30 a.m.
Inspector's Name(s)	Paul E. Chavez		
Inspector's Title(s)	Inspector		
Inspector's Contact Information	(505)470-5571 chavez.paul74@yahoo.com		
Inspector's Qualifications	SEE SWPPP Plan		
Describe present phase of construction	BMP Installation		
Type of Inspection: ☒ Regular ☐ Pre-storm event ☐ During storm event ☒ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ☐ Yes ☒ No RAIN GAUGE READING: 0.5" If yes, provide: Storm Start Date & Time: 12/30/2023 Approximate Amount of Precipitation (in): 0.5" in multiple inches snowfall			
Weather at time of this inspection? ☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Temperature: 30°F			
Have any discharges occurred since the last inspection? ☐ Yes ☒ No If yes, describe:			
Are there any discharges at the time of inspection? ☐ Yes ☒ No If yes, describe:			

Site-specific BMPs

	BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes		BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes
1	Wattle	☒ Yes ☐ No	☐ Yes ☐ No	relocation	13		☐ Yes ☐ No	☐ Yes ☐ No	
2		☐ Yes ☐ No	☐ Yes ☐ No		14		☐ Yes ☐ No	☐ Yes ☐ No	
3		☐ Yes ☐ No	☐ Yes ☐ No		15		☐ Yes ☐ No	☐ Yes ☐ No	
4		☐ Yes ☐ No	☐ Yes ☐ No		16		☐ Yes ☐ No	☐ Yes ☐ No	
5		☐ Yes ☐ No	☐ Yes ☐ No		17		☐ Yes ☐ No	☐ Yes ☐ No	
6		☐ Yes ☐ No	☐ Yes ☐ No		18		☐ Yes ☐ No	☐ Yes ☐ No	
7		☐ Yes ☐ No	☐ Yes ☐ No		19		☐ Yes ☐ No	☐ Yes ☐ No	
8		☐ Yes ☐ No	☐ Yes ☐ No		20		☐ Yes ☐ No	☐ Yes ☐ No	
9		☐ Yes ☐ No	☐ Yes ☐ No		21		☐ Yes ☐ No	☐ Yes ☐ No	
10		☐ Yes ☐ No	☐ Yes ☐ No		22		☐ Yes ☐ No	☐ Yes ☐ No	
11		☐ Yes ☐ No	☐ Yes ☐ No		23		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☒ Yes ☐ No	☐ Yes ☒ No	Minimal disturbance
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☒ Yes ☐ No	☐ Yes ☒ No	Mulch sock installed on discharge side of project
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	Perimeter controls adequate; site overall contained
4	Are discharge points and receiving waters free of any sediment deposits (check for signs of visible erosion)?	☒ Yes ☐ No	☐ Yes ☒ No	No erosion or sediment deposit observed
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	none
6	Is the construction exit preventing sediment from being tracked into the street?	☒ Yes ☐ No	☐ Yes ☒ No	Stable
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☒ Yes ☐ No	☐ Yes ☒ No	No trash/ litter observed
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	None on site
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☒ Yes ☐ No	☐ Yes ☒ No	No leaks or spills observed
10	Are materials that are potential stormwater contaminants stored inside or under cover?	☒ Yes ☐ No	☐ Yes ☒ No	No Contaminants exposed
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☒ Yes ☐ No	☐ Yes ☒ No	No non-storm discharge observed
12	(Other)	☐ Yes ☐ No	☐ Yes ☐ No	

Non-Compliance

Describe any incidents of non-compliance not described above and any other comments about project:

SUMMARY OF FINDINGS:

1. Site was inaccessible until 12/1 due to heavy snowfall-BMPs remained stable



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: _____ Paul E. Chavez SWPPP Inspector _____

Signature: _____ Date: 12/1/2023 _____

** Also have authorized signature of Owner/Operator**



CSR

Stormwater Construction Site Inspection Report

General Information			
Project Name	Bayo Compost Area Expansion		
NPDES Tracking No.	NMR100	Location	Los Alamos, New Mexico
Date of Inspection	12/19/2023	Start/End Time	8:00-9:00 a.m.
Inspector's Name(s)	Paul E. Chavez		
Inspector's Title(s)	Inspector		
Inspector's Contact Information	(505)470-5571 chavez.paul74@yahoo.com		
Inspector's Qualifications	SEE SWPPP Plan		
Describe present phase of construction	BMP Installation		
Type of Inspection: ☒ Regular ☐ Pre-storm event ☐ During storm event ☒ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ☐ Yes ☒ No RAIN GAUGE READING: 0.77"			
If yes, provide: Storm Start Date & Time: 12/14/2023 Approximate Amount of Precipitation (in): 0.77" in multiple inches snowfall			
Weather at time of this inspection? ☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Temperature: 31°F			
Have any discharges occurred since the last inspection? ☐ Yes ☒ No If yes, describe:			
Are there any discharges at the time of inspection? ☐ Yes ☒ No If yes, describe:			

Site-specific BMPs

	BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes		BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes
1	Wattle	☒ Yes ☐ No	☐ Yes ☐ No	relocation	13		☐ Yes ☐ No	☐ Yes ☐ No	
2		☐ Yes ☐ No	☐ Yes ☐ No		14		☐ Yes ☐ No	☐ Yes ☐ No	
3		☐ Yes ☐ No	☐ Yes ☐ No		15		☐ Yes ☐ No	☐ Yes ☐ No	
4		☐ Yes ☐ No	☐ Yes ☐ No		16		☐ Yes ☐ No	☐ Yes ☐ No	
5		☐ Yes ☐ No	☐ Yes ☐ No		17		☐ Yes ☐ No	☐ Yes ☐ No	
6		☐ Yes ☐ No	☐ Yes ☐ No		18		☐ Yes ☐ No	☐ Yes ☐ No	
7		☐ Yes ☐ No	☐ Yes ☐ No		19		☐ Yes ☐ No	☐ Yes ☐ No	
8		☐ Yes ☐ No	☐ Yes ☐ No		20		☐ Yes ☐ No	☐ Yes ☐ No	
9		☐ Yes ☐ No	☐ Yes ☐ No		21		☐ Yes ☐ No	☐ Yes ☐ No	
10		☐ Yes ☐ No	☐ Yes ☐ No		22		☐ Yes ☐ No	☐ Yes ☐ No	
11		☐ Yes ☐ No	☐ Yes ☐ No		23		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☒ Yes ☐ No	☐ Yes ☒ No	Minimal disturbance
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☒ Yes ☐ No	☐ Yes ☒ No	Mulch sock installed on discharge side of project
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	Perimeter controls adequate; site overall contained
4	Are discharge points and receiving waters free of any sediment deposits (check for signs of visible erosion)?	☒ Yes ☐ No	☐ Yes ☒ No	No erosion or sediment deposit observed
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	none
6	Is the construction exit preventing sediment from being tracked into the street?	☒ Yes ☐ No	☐ Yes ☒ No	Stable
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☒ Yes ☐ No	☐ Yes ☒ No	No trash/ litter observed
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	None on site
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☒ Yes ☐ No	☐ Yes ☒ No	No leaks or spills observed
10	Are materials that are potential stormwater contaminants stored inside or under cover?	☒ Yes ☐ No	☐ Yes ☒ No	No Contaminants exposed
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☒ Yes ☐ No	☐ Yes ☒ No	No non-storm discharge observed
12	(Other)	☐ Yes ☐ No	☐ Yes ☐ No	

Non-Compliance

Describe any incidents of non-compliance not described above and any other comments about project:

SUMMARY OF FINDINGS:

1. Site was again inaccessible until 12/19 due to heavy snowfall-BMPs remained stable



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: _____ Paul E. Chavez SWPPP Inspector _____

Signature: _____  _____ Date: _____ 12/19/2023 _____

** Also have authorized signature of Owner/Operator**



CSR

Stormwater Construction Site Inspection Report

General Information			
Project Name	Bayo Compost Area Expansion		
NPDES Tracking No.	NMR100	Location	Los Alamos, New Mexico
Date of Inspection	1/11/2024	Start/End Time	9:00-9:10 a.m.
Inspector's Name(s)	Paul E. Chavez		
Inspector's Title(s)	Inspector		
Inspector's Contact Information	(505)470-5571 chavez.paul74@yahoo.com		
Inspector's Qualifications	SEE SWPPP Plan		
Describe present phase of construction	BMP Installation		
Type of Inspection: ☒ Regular ☐ Pre-storm event ☒ During storm event ☐ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ☐ Yes ☒ No RAIN GAUGE READING: 0.0" If yes, provide:			
Storm Start Date & Time: Approximate Amount of Precipitation (in): 0.0" in			
Weather at time of this inspection? ☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Temperature: 29°F			
Have any discharges occurred since the last inspection? ☐ Yes ☒ No If yes, describe:			
Are there any discharges at the time of inspection? ☐ Yes ☒ No If yes, describe:			

Site-specific BMPs

	BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes		BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes
1	Wattle	☒ Yes ☐ No	☐ Yes ☐ No	relocation	13		☐ Yes ☐ No	☐ Yes ☐ No	
2		☐ Yes ☐ No	☐ Yes ☐ No		14		☐ Yes ☐ No	☐ Yes ☐ No	
3		☐ Yes ☐ No	☐ Yes ☐ No		15		☐ Yes ☐ No	☐ Yes ☐ No	
4		☐ Yes ☐ No	☐ Yes ☐ No		16		☐ Yes ☐ No	☐ Yes ☐ No	
5		☐ Yes ☐ No	☐ Yes ☐ No		17		☐ Yes ☐ No	☐ Yes ☐ No	
6		☐ Yes ☐ No	☐ Yes ☐ No		18		☐ Yes ☐ No	☐ Yes ☐ No	
7		☐ Yes ☐ No	☐ Yes ☐ No		19		☐ Yes ☐ No	☐ Yes ☐ No	
8		☐ Yes ☐ No	☐ Yes ☐ No		20		☐ Yes ☐ No	☐ Yes ☐ No	
9		☐ Yes ☐ No	☐ Yes ☐ No		21		☐ Yes ☐ No	☐ Yes ☐ No	
10		☐ Yes ☐ No	☐ Yes ☐ No		22		☐ Yes ☐ No	☐ Yes ☐ No	
11		☐ Yes ☐ No	☐ Yes ☐ No		23		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☒ Yes ☐ No	☐ Yes ☒ No	Minimal disturbance
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☒ Yes ☐ No	☐ Yes ☒ No	Mulch sock installed on discharge side of project
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	Perimeter controls adequate; site overall contained
4	Are discharge points and receiving waters free of any sediment deposits (check for signs of visible erosion)?	☒ Yes ☐ No	☐ Yes ☒ No	No erosion or sediment deposit observed
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	none
6	Is the construction exit preventing sediment from being tracked into the street?	☒ Yes ☐ No	☐ Yes ☒ No	Stable
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☒ Yes ☐ No	☐ Yes ☒ No	No trash/ litter observed
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	None on site
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☒ Yes ☐ No	☐ Yes ☒ No	No leaks or spills observed
10	Are materials that are potential stormwater contaminants stored inside or under cover?	☒ Yes ☐ No	☐ Yes ☒ No	No Contaminants exposed
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☒ Yes ☐ No	☐ Yes ☒ No	No non-storm discharge observed
12	(Other)	☐ Yes ☐ No	☐ Yes ☐ No	

Non-Compliance

Describe any incidents of non-compliance not described above and any other comments about project:

SUMMARY OF FINDINGS:

1. Site inaccessible and under heavy snow cover.

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: _____ Paul E. Chavez SWPPP Inspector _____

Signature: _____  _____ Date: _____ 1/11/2024 _____

** Also have authorized signature of Owner/Operator**



CSR

Stormwater Construction Site Inspection Report

General Information			
Project Name	Bayo Compost Area Expansion		
NPDES Tracking No.	NMR100	Location	Los Alamos, New Mexico
Date of Inspection	1/25/2024	Start/End Time	3:45-4:10 p.m.
Inspector's Name(s)	Paul E. Chavez		
Inspector's Title(s)	Inspector		
Inspector's Contact Information	(505)470-5571 chavez.paul74@yahoo.com		
Inspector's Qualifications	SEE SWPPP Plan		
Describe present phase of construction	BMP Installation		
Type of Inspection: ☒ Regular ☐ Pre-storm event ☐ During storm event ☐ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ☐ Yes ☒ No RAIN GAUGE READING: 0.0"			
If yes, provide:			
Storm Start Date & Time: Approximate Amount of Precipitation (in): 0.0" in			
Weather at time of this inspection? ☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Temperature: 35°F			
Have any discharges occurred since the last inspection? ☐ Yes ☒ No If yes, describe:			
Are there any discharges at the time of inspection? ☐ Yes ☒ No If yes, describe:			

Site-specific BMPs

	BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes		BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes
1	Wattle	☒ Yes ☐ No	☐ Yes ☐ No	relocation	13		☐ Yes ☐ No	☐ Yes ☐ No	
2		☐ Yes ☐ No	☐ Yes ☐ No		14		☐ Yes ☐ No	☐ Yes ☐ No	
3		☐ Yes ☐ No	☐ Yes ☐ No		15		☐ Yes ☐ No	☐ Yes ☐ No	
4		☐ Yes ☐ No	☐ Yes ☐ No		16		☐ Yes ☐ No	☐ Yes ☐ No	
5		☐ Yes ☐ No	☐ Yes ☐ No		17		☐ Yes ☐ No	☐ Yes ☐ No	
6		☐ Yes ☐ No	☐ Yes ☐ No		18		☐ Yes ☐ No	☐ Yes ☐ No	
7		☐ Yes ☐ No	☐ Yes ☐ No		19		☐ Yes ☐ No	☐ Yes ☐ No	
8		☐ Yes ☐ No	☐ Yes ☐ No		20		☐ Yes ☐ No	☐ Yes ☐ No	
9		☐ Yes ☐ No	☐ Yes ☐ No		21		☐ Yes ☐ No	☐ Yes ☐ No	
10		☐ Yes ☐ No	☐ Yes ☐ No		22		☐ Yes ☐ No	☐ Yes ☐ No	
11		☐ Yes ☐ No	☐ Yes ☐ No		23		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☒ Yes ☐ No	☐ Yes ☒ No	Minimal disturbance
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☒ Yes ☐ No	☐ Yes ☒ No	Mulch sock installed on discharge side of project
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	Perimeter controls adequate; site overall contained
4	Are discharge points and receiving waters free of any sediment deposits (check for signs of visible erosion)?	☒ Yes ☐ No	☐ Yes ☒ No	No erosion or sediment deposit observed
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	none
6	Is the construction exit preventing sediment from being tracked into the street?	☒ Yes ☐ No	☐ Yes ☒ No	Stable
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☒ Yes ☐ No	☐ Yes ☒ No	No trash/ litter observed
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	None on site
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☒ Yes ☐ No	☐ Yes ☒ No	No leaks or spills observed
10	Are materials that are potential stormwater contaminants stored inside or under cover?	☒ Yes ☐ No	☐ Yes ☒ No	No Contaminants exposed
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☒ Yes ☐ No	☐ Yes ☒ No	No non-storm discharge observed
12	(Other)	☐ Yes ☐ No	☐ Yes ☐ No	

Non-Compliance

Describe any incidents of non-compliance not described above and any other comments about project:

SUMMARY OF FINDINGS:

1. BMPs remain stable -No finding of non-compliance

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: _____ Paul E. Chavez SWPPP Inspector _____

Signature: _____  _____ Date: _____ 1/25/2024 _____

** Also have authorized signature of Owner/Operator**



CSR

Stormwater Construction Site Inspection Report

General Information			
Project Name	Bayo Compost Area Expansion		
NPDES Tracking No.	NMR100	Location	Los Alamos, New Mexico
Date of Inspection	2/08/2024	Start/End Time	3:40-4:10 p.m.
Inspector's Name(s)	Paul E. Chavez		
Inspector's Title(s)	Inspector		
Inspector's Contact Information	(505)470-5571 chavez.paul74@yahoo.com		
Inspector's Qualifications	SEE SWPPP Plan		
Describe present phase of construction	Liner installation		
Type of Inspection: ☒ Regular ☐ Pre-storm event ☐ During storm event ☐ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ☐ Yes ☒ No RAIN GAUGE READING: 0.0"			
If yes, provide:			
Storm Start Date & Time: Approximate Amount of Precipitation (in): 0.0" in			
Weather at time of this inspection? ☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Temperature: 32°F			
Have any discharges occurred since the last inspection? ☐ Yes ☒ No If yes, describe:			
Are there any discharges at the time of inspection? ☐ Yes ☒ No If yes, describe:			

Site-specific BMPs

	BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes		BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes
1	Wattle	☒ Yes ☐ No	☐ Yes ☐ No	relocation	13		☐ Yes ☐ No	☐ Yes ☐ No	
2		☐ Yes ☐ No	☐ Yes ☐ No		14		☐ Yes ☐ No	☐ Yes ☐ No	
3		☐ Yes ☐ No	☐ Yes ☐ No		15		☐ Yes ☐ No	☐ Yes ☐ No	
4		☐ Yes ☐ No	☐ Yes ☐ No		16		☐ Yes ☐ No	☐ Yes ☐ No	
5		☐ Yes ☐ No	☐ Yes ☐ No		17		☐ Yes ☐ No	☐ Yes ☐ No	
6		☐ Yes ☐ No	☐ Yes ☐ No		18		☐ Yes ☐ No	☐ Yes ☐ No	
7		☐ Yes ☐ No	☐ Yes ☐ No		19		☐ Yes ☐ No	☐ Yes ☐ No	
8		☐ Yes ☐ No	☐ Yes ☐ No		20		☐ Yes ☐ No	☐ Yes ☐ No	
9		☐ Yes ☐ No	☐ Yes ☐ No		21		☐ Yes ☐ No	☐ Yes ☐ No	
10		☐ Yes ☐ No	☐ Yes ☐ No		22		☐ Yes ☐ No	☐ Yes ☐ No	
11		☐ Yes ☐ No	☐ Yes ☐ No		23		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☒ Yes ☐ No	☐ Yes ☒ No	Minimal disturbance
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☒ Yes ☐ No	☐ Yes ☒ No	Mulch sock installed on discharge side of project
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	Perimeter controls adequate; site overall contained
4	Are discharge points and receiving waters free of any sediment deposits (check for signs of visible erosion)?	☒ Yes ☐ No	☐ Yes ☒ No	No erosion or sediment deposit observed
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	none
6	Is the construction exit preventing sediment from being tracked into the street?	☒ Yes ☐ No	☐ Yes ☒ No	Stable
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☒ Yes ☐ No	☐ Yes ☒ No	No trash/ litter observed
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	None on site
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☒ Yes ☐ No	☐ Yes ☒ No	No leaks or spills observed
10	Are materials that are potential stormwater contaminants stored inside or under cover?	☒ Yes ☐ No	☐ Yes ☒ No	No Contaminants exposed
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☒ Yes ☐ No	☐ Yes ☒ No	No non-storm discharge observed
12	(Other)	☐ Yes ☐ No	☐ Yes ☐ No	

Non-Compliance

Describe any incidents of non-compliance not described above and any other comments about project:

SUMMARY OF FINDINGS:

1. BMPs remain stable -No finding of non-compliance

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: _____ Paul E. Chavez SWPPP Inspector _____

Signature: _____  _____ Date: _____ 2/08/2024 _____

** Also have authorized signature of Owner/Operator**



CSR

Stormwater Construction Site Inspection Report

General Information			
Project Name	Bayo Compost Area Expansion		
NPDES Tracking No.	NMR100	Location	Los Alamos, New Mexico
Date of Inspection	2/22/2024	Start/End Time	9:50-10:10 p.m.
Inspector's Name(s)	Paul E. Chavez		
Inspector's Title(s)	Inspector		
Inspector's Contact Information	(505)470-5571 chavez.paul74@yahoo.com		
Inspector's Qualifications	SEE SWPPP Plan		
Describe present phase of construction	Liner installation		
Type of Inspection: ☒ Regular ☐ Pre-storm event ☐ During storm event ☐ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ☐ Yes ☒ No RAIN GAUGE READING: 0.0"			
If yes, provide:			
Storm Start Date & Time: Approximate Amount of Precipitation (in): 0.0" in			
Weather at time of this inspection?			
☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds			
☐ Other: Temperature: 40°F			
Have any discharges occurred since the last inspection? ☐ Yes ☒ No			
If yes, describe:			
Are there any discharges at the time of inspection? ☐ Yes ☒ No			
If yes, describe:			

Site-specific BMPs

	BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes		BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes
1	Wattle	☒ Yes ☐ No	☐ Yes ☐ No	relocation	13		☐ Yes ☐ No	☐ Yes ☐ No	
2		☐ Yes ☐ No	☐ Yes ☐ No		14		☐ Yes ☐ No	☐ Yes ☐ No	
3		☐ Yes ☐ No	☐ Yes ☐ No		15		☐ Yes ☐ No	☐ Yes ☐ No	
4		☐ Yes ☐ No	☐ Yes ☐ No		16		☐ Yes ☐ No	☐ Yes ☐ No	
5		☐ Yes ☐ No	☐ Yes ☐ No		17		☐ Yes ☐ No	☐ Yes ☐ No	
6		☐ Yes ☐ No	☐ Yes ☐ No		18		☐ Yes ☐ No	☐ Yes ☐ No	
7		☐ Yes ☐ No	☐ Yes ☐ No		19		☐ Yes ☐ No	☐ Yes ☐ No	
8		☐ Yes ☐ No	☐ Yes ☐ No		20		☐ Yes ☐ No	☐ Yes ☐ No	
9		☐ Yes ☐ No	☐ Yes ☐ No		21		☐ Yes ☐ No	☐ Yes ☐ No	
10		☐ Yes ☐ No	☐ Yes ☐ No		22		☐ Yes ☐ No	☐ Yes ☐ No	
11		☐ Yes ☐ No	☐ Yes ☐ No		23		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☒ Yes ☐ No	☐ Yes ☒ No	Minimal disturbance
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☒ Yes ☐ No	☐ Yes ☒ No	Mulch sock installed on discharge side of project
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	Perimeter controls adequate; site overall contained
4	Are discharge points and receiving waters free of any sediment deposits (check for signs of visible erosion)?	☒ Yes ☐ No	☐ Yes ☒ No	No erosion or sediment deposit observed
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	none
6	Is the construction exit preventing sediment from being tracked into the street?	☒ Yes ☐ No	☐ Yes ☒ No	Stable
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☒ Yes ☐ No	☐ Yes ☒ No	No trash/ litter observed
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	None on site
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☒ Yes ☐ No	☐ Yes ☒ No	No leaks or spills observed
10	Are materials that are potential stormwater contaminants stored inside or under cover?	☒ Yes ☐ No	☐ Yes ☒ No	No Contaminants exposed
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☒ Yes ☐ No	☐ Yes ☒ No	No non-storm discharge observed
12	(Other)	☐ Yes ☐ No	☐ Yes ☐ No	

Non-Compliance

Describe any incidents of non-compliance not described above and any other comments about project:

SUMMARY OF FINDINGS:

1. BMPs remain stable -No finding of non-compliance

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: _____ Paul E. Chavez SWPPP Inspector _____

Signature: _____  _____ Date: 2/22/2024 _____

** Also have authorized signature of Owner/Operator**



CSR

Stormwater Construction Site Inspection Report

General Information			
Project Name	Bayo Compost Area Expansion		
NPDES Tracking No.	NMR100	Location	Los Alamos, New Mexico
Date of Inspection	3/21/2024	Start/End Time	2:15-2:45 p.m.
Inspector's Name(s)	Paul E. Chavez		
Inspector's Title(s)	Inspector		
Inspector's Contact Information	(505)470-5571 chavez.paul74@yahoo.com		
Inspector's Qualifications	SEE SWPPP Plan		
Describe present phase of construction	Liner installation		
Type of Inspection: ☒ Regular ☐ Pre-storm event ☐ During storm event ☐ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ☐ Yes ☒ No RAIN GAUGE READING: 0.0"			
If yes, provide:			
Storm Start Date & Time: Approximate Amount of Precipitation (in): 0.0" in			
Weather at time of this inspection? ☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Temperature: 53°F			
Have any discharges occurred since the last inspection? ☐ Yes ☒ No If yes, describe:			
Are there any discharges at the time of inspection? ☐ Yes ☒ No If yes, describe:			

Site-specific BMPs

	BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes		BMP	BMP Installed?	BMP Maint. Required?	Corrective Action Needed and Notes
1	Wattle	☒ Yes ☐ No	☐ Yes ☐ No	relocation	13		☐ Yes ☐ No	☐ Yes ☐ No	
2		☐ Yes ☐ No	☐ Yes ☐ No		14		☐ Yes ☐ No	☐ Yes ☐ No	
3		☐ Yes ☐ No	☐ Yes ☐ No		15		☐ Yes ☐ No	☐ Yes ☐ No	
4		☐ Yes ☐ No	☐ Yes ☐ No		16		☐ Yes ☐ No	☐ Yes ☐ No	
5		☐ Yes ☐ No	☐ Yes ☐ No		17		☐ Yes ☐ No	☐ Yes ☐ No	
6		☐ Yes ☐ No	☐ Yes ☐ No		18		☐ Yes ☐ No	☐ Yes ☐ No	
7		☐ Yes ☐ No	☐ Yes ☐ No		19		☐ Yes ☐ No	☐ Yes ☐ No	
8		☐ Yes ☐ No	☐ Yes ☐ No		20		☐ Yes ☐ No	☐ Yes ☐ No	
9		☐ Yes ☐ No	☐ Yes ☐ No		21		☐ Yes ☐ No	☐ Yes ☐ No	
10		☐ Yes ☐ No	☐ Yes ☐ No		22		☐ Yes ☐ No	☐ Yes ☐ No	
11		☐ Yes ☐ No	☐ Yes ☐ No		23		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☒ Yes ☐ No	☐ Yes ☒ No	Minimal disturbance
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☒ Yes ☐ No	☐ Yes ☒ No	Mulch sock installed on discharge side of project
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	Perimeter controls adequate; site overall contained
4	Are discharge points and receiving waters free of any sediment deposits (check for signs of visible erosion)?	☒ Yes ☐ No	☐ Yes ☒ No	No erosion or sediment deposit observed
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	none
6	Is the construction exit preventing sediment from being tracked into the street?	☒ Yes ☐ No	☐ Yes ☒ No	Stable
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☒ Yes ☐ No	☐ Yes ☒ No	No trash/ litter observed
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	☒ Yes ☐ No	☐ Yes ☒ No	None on site
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☒ Yes ☐ No	☐ Yes ☒ No	No leaks or spills observed
10	Are materials that are potential stormwater contaminants stored inside or under cover?	☒ Yes ☐ No	☐ Yes ☒ No	No Contaminants exposed
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☒ Yes ☐ No	☐ Yes ☒ No	No non-storm discharge observed
12	(Other)	☐ Yes ☐ No	☐ Yes ☐ No	

Non-Compliance

Describe any incidents of non-compliance not described above and any other comments about project:

SUMMARY OF FINDINGS:

1. BMPs remain stable -No finding of non-compliance

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: _____ Paul E. Chavez SWPPP Inspector _____

Signature: _____  _____ Date: _____ 3/21/2024 _____

** Also have authorized signature of Owner/Operator**