

NM1-09

AGUA MOSS, LLC

Landfarm

MINOR

MODIFICATION AND

APPROVAL

APRIL 1, 2026

Santa Fe Main Office
Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

State of New Mexico
Energy Minerals and Natural Resources

For State Use Only:

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-137A
Revised October 11, 2022

Online Phone Directory Visit:
<https://www.emnrd.nm.gov/ocd/contact-us/>

File via OCD Permitting with any
associated permit fee

APPLICATION FOR MINOR MODIFICATION TO SURFACE WASTE MANAGEMENT FACILITY

1. Operator: Agua Moss, LLC

Address: PO Box 600 Farmington, NM 87499

Contact Person: Philana Thompson Phone: 505-486-1171

2. Location: NW /4 SW /4 Section 2 Township 29N Range 12W

3. Provide permit number NM1-9

4. Attach a description of the proposed minor modification(s) to the surface waste management facility.
See attached minor modification request.

5. If the Minor Modification involves changes to a treatment, remediation, or disposal method, attach engineering designs, certified by a registered professional engineer, including technical data on the design elements of each applicable treatment, remediation, and disposal method and detailed designs of surface impoundments. **NA**

6. If the Minor Modification will affect the closure and post-closure plan, attach an updated closure and post closure plan, including a responsible third party contractor's cost estimate, sufficient to close the surface waste management facility in a manner that will protect fresh water, public health, and the environment (the closure and post closure plan shall comply with the requirements contained in 19.15.36.18 NMAC). **NA**

7. If the Minor Modification will affect the contingency plan, attach an updated contingency plan that complies with the requirements of Subsection N of 19.15.36.13 NMAC and with NMSA 1978, Sections 12-12-1 through 12-12-30, as amended (the Emergency Management Act). **NA**

8. If the Minor Modification will affect the control of run-on or run-off water at the site, attach an updated plan to control run-on water onto the site and run-off water from the site that complies with the requirements of Subsection M of 19.15.36.13 NMAC. **NA**

9. If the Minor Modification will affect the best management practice plan, attach a best management practice plan to ensure protection of fresh water, public health, and the environment. **NA**

10. The division may require additional information to demonstrate that the surface waste management facility's operation will not adversely impact fresh water, public health, or the environment and that the surface waste management facility will comply with division rules and orders.

11. CERTIFICATION

I hereby certify that the information submitted with this application is true, accurate, and complete to the best of my knowledge and belief.

Name: Philana Thompson

Title: Regulatory Compliance Specialist

Signature: 

Date: 4/7/2026

E-mail Address: pthompson@merrion.bz

Minor Permit Modification Request

**Agua Moss Landfarm
Permit NM1-9
Surface Waste Management Facility
Facility ID fEEM0112335946
Section 2, Township 29 North, Range 12 West
San Juan County, New Mexico**

April 2, 2026

Prepared on behalf of
Agua Moss, LLC
PO Box 600
Farmington, NM 87499

Prepared by
Ancell Environmental Consulting Services
180 E 12th St
Durango, Colorado 81301

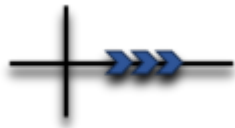




Ancell Environmental Consulting Services, LLC

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Ancell Environmental Consulting Services, LLC

FIGURES

Figure 1 Site Location Map

Figure 2 Site Characterization and Sensitive Receptor Map

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Table 1 New Mexico Environment Department Soil Screening Levels – Proposed Treatment Zone Closure Performance Standards

Table 2 New Mexico Environment Department Soil Screening Levels- Proposed Evaluation Standards for Vadose Zone Monitoring

APPENDIX

Appendix A Water Well Records

ATTACHMENT

C-137A Form Application for Minor Modification to Surface Waste Management Facility



Ansell Environmental Consulting Services, LLC

1. Introduction

On behalf of Agua Moss, Ansell Environmental Consulting Services (AECS) has prepared the following Minor Permit Modification Request for the Agua Moss Ponds, Stabilization Unit, and Landfarm, Permit NM1-9, fEEM0112335946, located in San Juan County, New Mexico.

The landfarm portion of the SWMF was originally permitted in 1989. Agua Moss purchased the property in 2011, and no new waste has been received at the facility since 2012. The facility has been operating under the requirements of permit NM1-9 and 19.15.36.20 NMAC transitional provisions. The purpose of this Minor Permit Modification is to review language in place to address the 19.15.36.20.A Transitional Provisions, in which *'existing surface waste management facilities shall comply with the financial assurance, operational, monitoring, waste acceptance and closure and post closure requirements provided in 19.15.36 NMAC, except as otherwise specifically provided in the applicable permit or order, or in a specific waiver, exception or agreement that the division has granted in writing to the particular surface waste management facility'* in order to address treatment and vadose zone sampling and reporting requirements.

The proposed alternatives are in accordance with 19.15.36.19 NMAC Exceptions and Waivers and will provide equivalent protection of fresh water, public health, and the environment at the landfarm.

1.1. Site Description

The Site consists of a 4.8-acre landfarm area located on private land in Section 2, Township 29 North, Range 12 West, New Mexico Principal Meridian (NMPM), in San Juan County, New Mexico, and is accessed from County Road 350 (Figure 1). The Site consists of two bermed areas, or cells, and is part of a larger surface waste management facility including former evaporation ponds and equipment. The Site has not received any new soils since 2012, but continued plowing, discing, and monitoring the treatment and vadose zone until March 2020. The Site has well maintained fencing and protective barriers in place to restrict any unauthorized access to the landfarm.

2. Current Landfarm Operations

Listed below are the current operating conditions under Permit NM1-9 and 19.15.36.20 NMAC Transitional Provisions.

2.1. Background Testing

An established background data set is required for the comparison of Rule 711 quarterly and Part 36 semi-annual vadose zone results in order to determine if a release has occurred at the Site. An established background data set is also required for Part 36 treatment zone closure performance standards.



AnceLL Environmental Consulting Services, LLC

On July 14, 2015, Agua Moss submitted a formal report with proposed facility background soil concentrations that was subsequently approved on July 21, 2015.

2.2. Treatment Zone Closure Performance Standards

Under the transitional provisions of 19.15.36.19 NMAC, the treatment zone closure performance standards listed in 19.15.36.15.F(5) NMAC states that *'if the concentration of those constituents exceed the permissible quantitation limit (PQL) or background concentration, the operator shall perform a site specific risk assessment using EPA approved methods and shall propose closure standards based on individual site conditions that protect fresh water, public health and the environment, which shall be subject to division approval or remove pursuant to Paragraph (2) of Subsection G of 19.15.36.15 NMAC'*.

Agua Moss compares all treatment zone analytical data to the facility background concentrations on file that were largely derived from the PQLs.

2.3. Vadose Zone Monitoring

2.3.1. Semi-Annual Monitoring

Per 19.15.36.15.E(3) NMAC, *'The operator shall collect and analyze a minimum of four randomly selected, independent samples from the vadose zone at least semi-annually using the methods specified below for TPH, BTEX, and chlorides and shall compare each result to the higher of the PQL or the background soil concentrations to determine whether a release has occurred.'*

Agua Moss compares all vadose zone analytical data to the facility background concentrations on file that were largely derived from the PQLs.

2.3.2. Five Year Monitoring Program

Per 19.15.36.15.E(4) NMAC, *'The Operator shall collect and analyze a minimum of four randomly selected, independent samples from the vadose zone, using the methods specified below for the constituents listed in Subsections A and B of 20.6.2.3103 NMAC at least every five years and shall compare each result to the higher of the PQL or background soil concentrations to determine if a release has occurred.'*

Agua Moss compares all vadose zone analytical data to the facility background concentrations on file that were largely derived from the PQLs.

2.3.3. Release Response

Under the transitional provisions of 19.15.36.19 NMAC, the vadose zone monitoring release response indicates that, *'if vadose zone sampling results show that the concentrations of TPH, BTEX or chlorides exceed the higher of the PQL or the background soil concentrations, then the operator shall notify the division's environmental bureau of the exceedance, and shall immediately collect and*



Ancestral Environmental Consulting Services, LLC

analyze a minimum of four randomly selected, independent samples for TPH, BTEX, chlorides and the constituents listed in Subsections A and B of 20.6.2.3103 NMAC'.

Agua Moss compares all vadose zone analytical data to the facility background concentrations on file that were largely derived from the PQLs.

3. Proposed Permit Modifications

3.1. Background Testing

The *New Mexico Environment Department (NMED) Risk Assessment Guidance for Investigations and Remediation, Volume I* (November 2022), commonly referred to as the Soil Screening Guidance (SSG), was created using various EPA risk assessment guidance documents and determines Soil Screening Levels (SSLs) for various exposure pathways. In lieu of using the facility background concentrations on file, Agua Moss proposes to adopt the most stringent residential, industrial/occupation, or construction soil screening limits presented in Table A-1: NMED Soil Screening Levels (Risk Assessment Guidance for Site Investigations and Remediation, Volume I, November 2022, Soil Screening guidance for Human Health Risk Assessments). The constituents of concern listed in the facility background include the following: arsenic, barium, cadmium, chromium, copper, iron, lead, manganese, selenium, silver, uranium, and zinc per USEPA method 6010B; and mercury (per USEPA 7471) (Table 1). The current facility background dataset does not include all the constituents listed in 20.6.2.3103 NMAC analyzed per USEPA method 6010B or 6020. Per 19.15.36.20 NMAC Transitional Provisions, antimony, beryllium, and thallium with the corresponding proposed NMED SSLs will be included in the updated facility background dataset.

3.2. Treatment Zone Closure Performance Standards

In lieu of facility background concentrations, Agua Moss proposes to use the applicable most stringent NMED SSLs as the facility background concentrations requested in Section 3.1 of this report for treatment zone closure performance standards listed in 19.15.36.15.F(5) NMAC (Table 1).

3.3. Vadose Zone Monitoring and Reporting Requirements

3.3.1. Semi-Annual Monitoring

In lieu of facility background concentrations, Agua Moss would like to propose using the TPH, BTEX, and chloride concentrations applicable to the Site listed in 19.15.29 NMAC Table I Closure Criteria in order to determine if a release has occurred at the Site.

Site Characterization per Table 1 Closure Criteria (19.15.29.11 NMAC)

In order to identify any potential environmental impacts, a full site characterization and sensitive receptor analysis was performed per the following requirements and presented in Figure 2:



Ancell Environmental Consulting Services, LLC

1. Depth to groundwater: Groundwater at the Site is estimated to be approximately 88 feet below ground surface based on original drillers log and the recent measured depth to water of the nearby monitoring well (SJ-04323) approximately 200 feet southwest of the landfarm cells. Water well SJ-04426 is at approximately the same elevation as the Site and reported a depth to water at 160 ft below ground surface (bgs) in 2021. Water well SJ-00428 is in an ephemeral wash approximately 2,570 feet northwest of the Site and 76 feet lower in elevation. The depth to water in SJ-00428 was reported at 25 ft bgs in 1977. The water well records are attached in Appendix A.
2. Wellhead Protection: A search of the New Mexico Office of the State Engineers (NMOSE) identified two water sources within a half mile radius of the Site. Domestic water well SJ-04426 is located approximately 1,195 ft north of the Site and domestic water well SJ-00428 is located approximately 2,570 ft northwest of the Site.
3. Distance to nearest significant watercourse: the nearest significant watercourse is an unnamed tributary of Hargis Arroyo, approximately 500 feet north of the landfarm.

Additional site characterization showed there are no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, wetlands, incorporated municipal boundaries or defined municipal fresh water well fields covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, subsurface mines, or floodplains located within the distances specified in 19.15.29.12.(4) NMAC.

An evaluation of all site characterization data concludes that there are no sensitive site receptors that are within critical distances that would trigger the most stringent soil closure criteria. Therefore, based on depth to water between 51 and 100 ft bgs, the following landfarm vadose zone evaluation criteria are recommended at the Site wherein concentrations shall not exceed the following:

Benzene: 10 mg/kg
 BTEX: 50 mg/kg
 TPH as DRO and GRO combined: 1,000 mg/kg
 total TPH as DRO, GRO and ORO combined: 2,500 mg/kg
 Chloride: 10,000 mg/kg

3.3.2. Five Year Monitoring Program

Agua Moss proposes to compare the laboratory analytical results for the constituents listed in Subsections A and B of 20.6.2.3103 NMAC to the most stringent NMED SSL's to determine if a release has occurred (Table 2).

3.3.3. Release Response

Agua Moss proposes to compare the laboratory analytical results for TPH, BTEX, and chloride to the proposed Table I Closure Criteria and the constituents listed in Subsections A and B of 20.6.2.3103 NMAC to the most stringent NMED SSL's to determine if a release has occurred (Table 2).

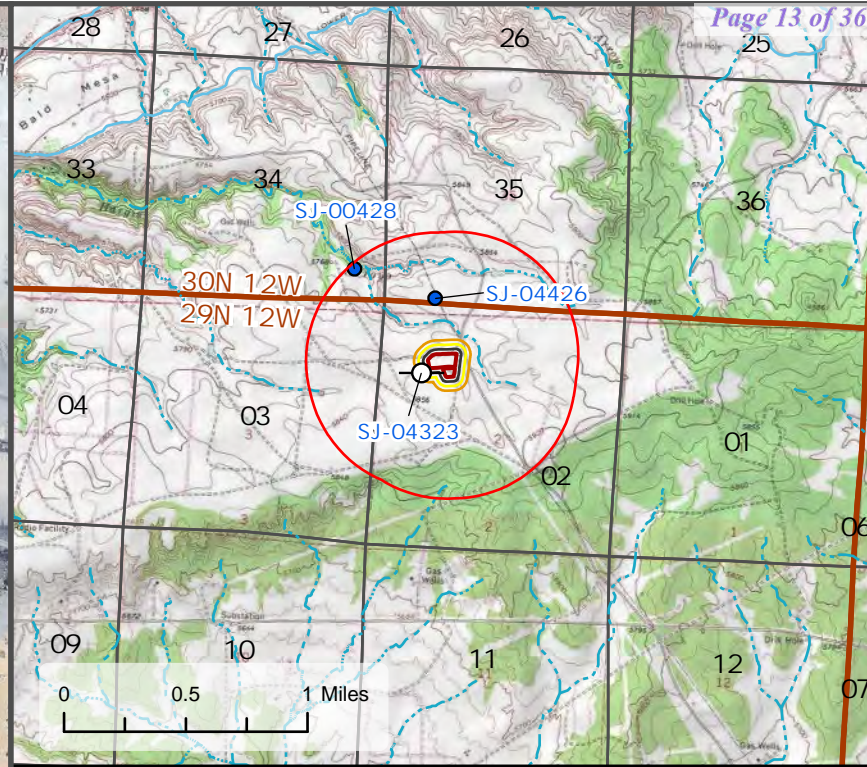
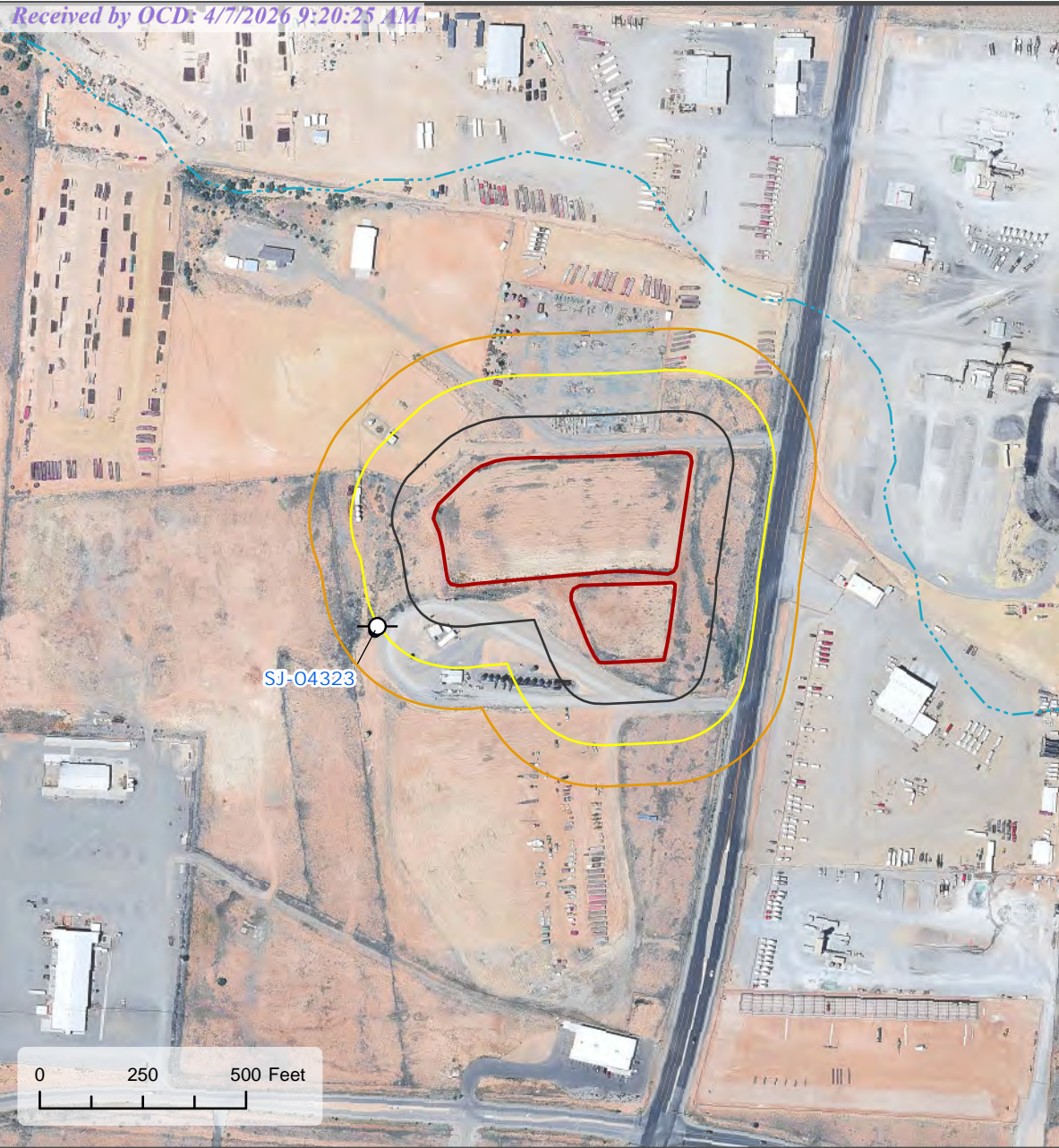


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4. Exception Request Discussion

Agua Moss believes that the requested exceptions per 19.15.36.19 NMAC listed in this Minor Permit Modification Request provide equal or better protection of fresh water, public health and the environment because the proposed Table I Closure Criteria and NMED SSLs listed in the NMED guidance documents were determined through various risk-based analyses.

FIGURES



Feature	Description, Distance, Direction
Significant watercourse	Unnamed ephemeral drainage of the Hargis Arroyo 415 ft NE
Lakebed, sinkhole, or playa lake	Unnamed diked/impounded freshwater pond 2,360 ft W/SW
Occupied permanent residence, school, hospital, institution, or church	Residential building unit 1,722 ft NE
Spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes	Active water well SJ-04426 1,209 ft N
Any other fresh water well or spring	Active water well SJ-00428 2,535 ft NW
Wetland	Unnamed diked/impounded freshwater pond 2,360 ft W/SW



Figure 2
Site Receptor Map



Map Created by Gage Norris
on Behalf of Ancoff Consulting LLC
Prepared for: Agua Moss LLC
Date Exported: 4/2/2026 9:34 AM

Agua Moss Landfarm
Permit NM1-9 fEEMO112335946
San Juan County, New Mexico

- Agua Moss Landfarm
- 100' Buffer
- 200' Buffer
- 300' Buffer
- 0.5 Mile Buffer
- Monitoring Well MW1
- Active Water Well
- - - Ephemeral/Intermittent Stream
- Canal Ditch, Drainageway, or Connector

UTM NAD 83: Zone 13N; 225730E 4072487N
108.07241°W 36.75851°N
NW1/4, Section 2, T29N, R12W: NMPM
USGS Flora Vista, NM Quadrangle (1:24,000; 1980)
Scale: 1:5,000 | San Juan County, New Mexico

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SITE CHARACTERIZATION FORM			
Agua Moss Landfarm Permit NM1-9 Section 2, T29N, R12W San Juan County, New Mexico			
Depth to Groundwater	51 to 100 (ft)	88 ft	
Method Used to Determine Groundwater	Monitoring Well	Monitoring Well 200 feet southwest of the landfarm	
Minimum distance, between the closest lateral extent of the release and the following surface areas:	19.15.29.12 (4) NMAC buffer zones	Use Dropdown to Select Value	Name of landmark, feature, or watercourse and direction
Continuously flowing watercourse or other significant watercourse	300 ft	Between 300 and 500 (ft)	Unnamed ephemeral drainage of the Hargis Arroyo 500 ft NE of the landfarm
Lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	200 ft	Between 1000 (ft) and 0.5 (mi)	Unnamed diked/impounded freshwater pond 2,360 ft W/SW the landfarm
Occupied permanent residence, school, hospital, instituion, or church	300 ft	Between 1000 (ft) and 0.5 (mi)	Residential building unit 1,722 ft NE of the landfarm
Spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes	500 ft	Between 1000 (ft) and 0.5 (mi)	Active water well SJ-04426 1,209 ft N of the landfarm
Any other fresh water well or spring	1000 ft	Between 1000 (ft) and 0.5 (mi)	Active water well SJ-00428 2,535 ft NW of the landfarm
Within incorporated municipal boundaries or a defined municipal fresh water well field		Between 1 and 5 (mi)	No
A wetland - including wetland riverine	300 ft	Between 1000 (ft) and 0.5 (mi)	Unnamed diked/impounded freshwater pond 2,360 ft W/SW the landfarm
Within the are overlying a subsurface mine		No	No
Within an (non-karst) unstable area		No	No
Categorize the risk of the well/site being in karst geology		Low	None
Within a 100-year floodplain		No	No
Did the release impact areas not on an exploration, development, production, or storage site.		No	No
Final Site Criteria Determination		51 to 100 (ft)	

If any of criteria are within the buffers, the release must be treated as if Groundwater was less than 50 ft below ground surface and use the most stringent criteria.	
NMOCD Table I Closure Criteria	
Benzene (mg/kg)	10
BTEX (mg/kg)	50
TPH (GRO+DRO) (mg/kg)	1,000
TPH (GRO+DRO+ORO) (mg/kg)	2,500
Chloride (mg/kg)	10,000

TABLES

**Table 1. New Mexico Environment Department (NMED) Soil Screening Levels (SSLs)
Proposed Treatment Zone Closure Performance Standards**

Chemical	Residential Soil, Cancer (mg/kg)	Residential Soil, Noncancer (mg/kg)	Industrial/ Occupational Soil, Cancer (mg/kg)	Industrial/ Occupational Soil, Noncancer (mg/kg)	Construction Worker Soil, Cancer (mg/kg)	Construction Worker Soil, Noncancer (mg/kg)	Most Stringent Soil Screening Level (mg/kg)
Antimony	NE	31.3	NE	519	NE	142	31.3
Arsenic	7.07	13.03	35.9	208	216	41.2	7.07
Barium	NE	15,600	NE	25,500	NE	4,390	4,390
Beryllium	64,411	156	313,000	2,580	2,710	148	148
Cadmium	85,900	70.5	417,000	1,110	3,610	72.1	70.5
Chromium	96.6	45,200	505	314,000	468	134	96.6
Copper	NE	3,130	NE	51,900	NE	14,200	3,130
Iron	NE	54,800	NE	908,000	NE	248,000	54,800
Lead*	NE	200	NE	800	NE	800	200
Manganese	NE	10,500	NE	160,000	NE	464	464
Mercury	NE	NE	NE	112	NE	20.7	20.7
Selenium	NE	391	NE	6,490	NE	1,750	391
Silver	NE	391	NE	6,490	NE	1,770	391
Thallium	NE	0.78	NE	13.0	NE	3.54	0.78
Uranium	NE	234	NE	3,879	NE	277	234
Zinc	NE	23,500	NE	389,000	NE	106,000	23,500

NOTES:

USEPA - United States Environmental Protection Agency

NMAC - New Mexico Administrative Code

mg/kg - milligram per kilogram

NE - not established

* - lead soil screening level based on Section 5.2 of the EPA Regional Screening Levels (RSLs) - User's Guide dated November 2024

Table 2. New Mexico Environment Department (NMED) Soil Screening Levels (SSLs) Proposed Evaluation Standards for Vadose Zone Monitoring

Analyte		units	NMED Most Stringent Soil Screening Level (mg/kg)
volatile organic compounds	Polychlorinated biphenyls (PCB's) (CAS 1336-36-3)	mg/kg	
	Aroclor 1016	mg/kg	3.98
	Aroclor 1221	mg/kg	1.81
	Aroclor 1232	mg/kg	1.86
	Aroclor 1242	mg/kg	2.43
	Aroclor 1248	mg/kg	2.43
	Aroclor 1254	mg/kg	1.14
	Aroclor 1260	mg/kg	2.43
	2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	mg/kg	0.37
	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	mg/kg	3.75
	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	mg/kg	1.25
	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	mg/kg	1.25
	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157)	mg/kg	1.25
	2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)	mg/kg	1.25
	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	mg/kg	0.00
	2',3,4,4',5-Pentachlorobiphenyl (PCB 123)	mg/kg	1.25
	2',3',4,4',5-Pentachlorobiphenyl (PCB 118)	mg/kg	1.25
	2',3,3',4,4'-Pentachlorobiphenyl (PCB 105)	mg/kg	1.25
	2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	mg/kg	1.25
	3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	mg/kg	0.00
	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	mg/kg	0.37
	3,4,4',5-Tetrachlorobiphenyl (PCB 81)	mg/kg	0.12
	Carbon Tetrachloride	mg/kg	10.73
	1,2-dichloroethane (EDC)	mg/kg	8.32
	1,1-dichloroethylene (1,1-DCE)	mg/kg	206
	tetrachloroethylene (PCE)	mg/kg	111
	trichloroethylene (TCE)	mg/kg	6.77
	methylene chloride	mg/kg	409
	chloroform	mg/kg	5.90
	1,1-dichloroethane	mg/kg	78.6
	ethylene dibromide (EDB)	mg/kg	0.67
	1,1,1-trichloroethane	mg/kg	13,600
	1,1,2-trichloroethane	mg/kg	2.30
	1,1,2,2-tetrachloroethane	mg/kg	17.80
vinyl chloride	mg/kg	0.74	
PAHs: total naphthalene	mg/kg	22.6	
	1-Methylnaphthalene	mg/kg	172
	2-Methylnaphthalene	mg/kg	232
	benzo-a-pyrene	mg/kg	1.12
Metals	Antimony	mg/kg	31.3
	Arsenic	mg/kg	7.07
	Barium	mg/kg	4,390
	Beryllium	mg/kg	148
	Cadmium	mg/kg	70.50
	Chromium	mg/kg	96.6
	Lead*	mg/kg	200
	Total Mercury	mg/kg	20.7
	Selenium	mg/kg	391
	Silver	mg/kg	391
Thallium	mg/kg	0.78	
Radioactivity	Uranium	mg/kg	234
	Radium-226	pCi/g	NE
	Radium-228	pCi/g	NE
	Radioactivity: Combined Radium-226 and Radium-228	pCi/l	NE

NOTES:
 mg/kg - milligrams per kilogram
 su - standard units
 pCi/l - picoCuries per liter
 pCi/g - picoCuries per gram
 NE - not established
 * - lead soil screening level based on Section 5.2 of the EPA Regional Screening Levels (RSLs) - User's Guide dated November 2024

APPENDIX A



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

2019 MAR 13 AM 11:57

I. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER)			OSE FILE NUMBER(S)		
	1			SJ-4323		
	WELL OWNER NAME(S)			PHONE (OPTIONAL)		
	Agua Moss, LLC			(505) 486-6109		
	WELL OWNER MAILING ADDRESS			CITY STATE ZIP		
610 Reilly Avenue			Farmington NM 87401			
WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE	36	45	29.22	N
		LONGITUDE	-108	4	25.28	W
* DATUM REQUIRED: WGS 84						
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE						
Well located just off western edge of circle drive.						

2. DRILLING & CASING INFORMATION	LICENSE NUMBER		NAME OF LICENSED DRILLER			NAME OF WELL DRILLING COMPANY	
	733		Robert Thompson			Mo-Te Drilling Co., Inc.	
	DRILLING STARTED		DRILLING ENDED		DEPTH OF COMPLETED WELL (FT)		BORE HOLE DEPTH (FT)
	2/27/19		2/28/19		98		98
	COMPLETED WELL IS:		<input type="checkbox"/> ARTESIAN		<input type="checkbox"/> DRY HOLE		<input checked="" type="checkbox"/> SHALLOW (UNCONFINED)
							DEPTH WATER FIRST ENCOUNTERED (FT)
							88
	DRILLING FLUID:		<input checked="" type="checkbox"/> AIR		<input type="checkbox"/> MUD		ADDITIVES - SPECIFY:
	DRILLING METHOD:		<input checked="" type="checkbox"/> ROTARY		<input type="checkbox"/> HAMMER		<input type="checkbox"/> CABLE TOOL
							<input type="checkbox"/> OTHER - SPECIFY:
DEPTH (feet bgl)		BORE HOLE DIAM (inches)		CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE	
FROM TO						CASING INSIDE DIAM. (inches)	
98 78		6.5		Schedule 80 PVC Screen		Flush Joint - Threaded	
78 65		6.5		Schedule 80 PVC Casing		Flush Joint - Threaded	
65 +2		8		Schedule 80 PVC Casing		Flush Joint - Threaded	
						CASING WALL THICKNESS (inches)	
						.154	
						.154	
						.154	
						.020	

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)		LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)		METHOD OF PLACEMENT	
	FROM TO									
	98 76		6.5		10-20 Silica Sand		4.3		Pour down annulus	
	76 65		6.5		Bentonite Pellets		2.1		Pour down annulus	
	65 0		8		Bentonite Grout		48.4		Pump down annulus	

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 10/29/15)		
FILE NUMBER	SJ-4323		POD NUMBER	1	
LOCATION	Z 9 N. 12 W. 2. 132		TRN NUMBER	677965	
					PAGE 1 OF 2

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

March 8, 2019

2019 MAR 11 PM 1:15

State of NM
Office of the State Engineer
100 Gossett Drive, Suite A
Aztec, NM 87410

Re: Monitor Well, SJ-4323 POD1, Sunco Disposal Well Groundwater Monitoring

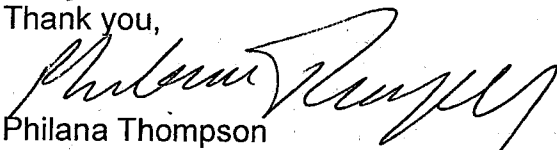
Lat: 36.758081
Long: -108.073714

Water table measurements were completed 24 hours after coming into contact w/
ground water. No artesian conditions were encountered

The drilling report and well bore diagram is attached.

For any questions or concerns please contact me at 505-486-1171 or by email
pthompson@merrion.bz

Thank you,


Philana Thompson
Regulatory Compliance Specialist

cc:

Carl Chavez, NMOCD Santa Fe, via email, carlj.chavez@state.nm.us
Brandon Powell, NMOCD District 3, via email, Brandon.Powell@state.nm.us
Vanessa Fields, NMOCD District 3, via email, Vanessa.Fields@state.nm.us

Mote Drilling, Inc
Monitor well report
Sunco Disposal
SJ-4323 POD1

2/27/2019

MIRU Mote Rig 207
Drill 9 7/8 0-40 wait on more 8 5/8
Wait on conductor
Set conductor
Drill 40-50 with 6 1/2 Bit
TOOH
Wait to test for water
Test for water, no water
Drill 50-76 with 6 1/2 Bit
TOOH, pull CSG
TIH with 65' of augers

2/28/2019

Drill 76-100 with 6 1/4 Bit
Wait 1 hour
Test for water, hit water
Wait on confirmation

3/1/2019

Mote MIRU, went in with a plum bob and tagged TD @98'.

Heather with Rule Engineering established water table top @ 83' 3". Water table confirmation was witnessed by Vanessa Fields with the NMOCD Aztec office.

Casing was RIH as follows: 2" SCH 80 PVC End Cap, 20' of 2" SCH 80 PVC 0.02" slotted screen, 80' of 2" SCH 80 PVC casing to surface. Casing was isolated with a 2" standard compression plug. Poured 10/20 mesh silica sand and tagged top of filter pack 2' above slotted screen. Poured 3' of 1/4" swellable bentonite pellets w/ water on top of the gravel pack. Filled the remaining casing w/ bentonite grout (30% solids, 10.2 ppg, 2.2 yld). As the grout was pour the augers used to stabilize the hole were removed. Topped well off w/ a 3' x 3' x 4" concrete pad. RDMOL w/ Mote.

2019 MAR 11 PM 1:15
STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

I No. SJ-4426

2020 SEP 25 AM 10:07

NEW MEXICO OFFICE OF THE STATE ENGINEER



APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, OR 72-12-1.3 NEW MEXICO STATUTES



For fees, see State Engineer website: <http://www.ose.state.nm.us/>

1. APPLICANT(S)

Name: Matthew S Johnson	Name:
Contact or Agent: check here if Agent <input type="checkbox"/>	Contact or Agent: check here if Agent <input type="checkbox"/>
Mailing Address: 14 Road 3315	Mailing Address:
City: Aztec	City:
State: New Mexico Zip Code: 87410	State: Zip Code:
Phone: (505) 386-9400 <input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell Phone (Work):	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):
E-mail (optional):	E-mail (optional):

Check here if existing well. Enter OSE File No. _____

2. WELL LOCATION Required: Coordinate location must be New Mexico State Plane (NAD 83), UTM (NAD 83), or Lat/Long (WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

NM State Plane (NAD83) - In feet	NM West Zone <input type="checkbox"/> NM Central Zone <input type="checkbox"/> NM East Zone <input type="checkbox"/>	X (in feet): Y (in feet):
UTM (NAD83) - In meters	UTM Zone 13N <input type="checkbox"/> UTM Zone 12N <input type="checkbox"/>	Easting (in meters): Northing (in meters):
Lat/Long (WGS84) - To 1/10 th of second <input checked="" type="checkbox"/> Check if seconds are decimal format	Lat: 36 deg Long: 108 deg	46 min 50.2N sec 04 min 24.7W sec
Other Location Information (complete the below, if applicable):		
PLSS Quarters or Halves: SE/4 NW/4 SW/4 Section: 26 Township: 30N Range: 12W		
County: San Juan County		
Land Grant Name (if applicable):		
Lot No: 4 Block No: Unit/Tract: Subdivision: Tierra De La Casa Grande		
Hydrographic Survey: Map: Tract:		
Other description relating well to common landmarks, streets, or other: Physical address: 14 Road 3315 Aztec, NM 87410 UPC: 2-068-175-440-147		
Well is on Land Owned by (Required): Matthew S Johnson WD: B1592, P41 & 42		

FOR OSE INTERNAL USE

Application for Permit, Form wr-01, Rev 6/30/17

File No.: SJ-4426	Tm. No.: 681801	Receipt No.: 5-6672
Well Tag ID No. (if applicable): 500A7	Sub-Basin: SJAR	Log Due Date: September 25, 2021

3. PURPOSE OF USE

2020 SEP 25 AM 10:00

Domestic use for one household

Livestock watering

Domestic use for more than one household. Number of households ____ Note: List each lot and owner contact information.

Drinking and sanitary uses that are incidental to the operations of a governmental, commercial, or non-profit facility

Prospecting, mining or drilling operations to discover or develop natural resources

Construction of public works, highways and roads

Domestic use for one household and livestock watering

Domestic use for multiple households and livestock watering

Domestic well to accompany a house or other dwelling unit constructed for sale

New well (with new purpose)

Amend purpose of use on existing well

No change in purpose

4. WELL INFORMATION: CHECK THOSE THAT APPLY Existing Well Known Artesian

File Information: (If existing well, provide OSE no. & indicate below if well is to be replacement, repaired or deepened, or supplemental. If new well, leave blank, as OSE must assign no.)

OSE Well No.(If Existing)	New Well No. (provided by OSE) SJ-4426
Well Driller Name: Bailey Drilling Company - Mark Bailey	Well Driller License Number: WD1357
Approximate Depth of Well (feet): 160 feet	Outside Diameter of Well Casing (inches): 5 inch

<input type="checkbox"/> Replacement well (List all existing wells if more than one):	<input type="checkbox"/> Repair or Deepen: <input type="checkbox"/> Clean out well to original depth <input type="checkbox"/> Deepen well from ____ to ____ ft. <input type="checkbox"/> Other (Explain):	<input type="checkbox"/> Supplemental well (List OSE No. for all wells this will supplement):
------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------

5. ADDITIONAL STATEMENTS OR EXPLANATIONS (Use additional sheets if necessary)

[Empty box for additional statements or explanations]

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Matthew S Johnson
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

[Signature] Applicant Signature

____ Applicant Signature

ACTION OF THE OFFICE OF THE STATE ENGINEER (FOR OSE USE ONLY)

This application is approved subject to the attached general and specific conditions of approval.

Witness my hand and seal this 25th day of September 20 20, for the New Mexico State Engineer,

By Shawna L Wages Signature Shawna L Wages - Water Rights Division, District V Print

FOR OSE INTERNAL USE

Well Tag ID Issued? Yes No

Application for Permit, Form wr-01, Rev 6/30/17

File No.: SJ-4426	Trm No.: 681801	Well ID Tag No.: 500A7
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**NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, AND 72-12-1.3 NEW MEXICO STATUTES**

INSTRUCTIONS

1. The application shall be made in the name of the actual user of the well for the purpose specified in the application (if the agent is submitting the application, check the agent box).
2. The application shall be filed with the appropriate filing fee.
3. A separate application must be filed for each well to be drilled or used.
4. If well to be used is an existing well, an explanation (and the file number, if possible) should be given under Additional Statements or Explanations (Item 5).
5. If well is to be used for livestock watering on state or federal land, proof of the following must be included as part of the application; (a) applicant is legally entitled to place his or her livestock on the land where the water is to be used, (b) applicant has been granted access to the drilling site and has permission to occupy the portion of the land as is necessary to drill and operate the well.
6. An application to drill a well on land owned by another person, the state of New Mexico, the federal government, or another entity shall be accompanied by written consent of the landowner.
7. For an application for drinking and sanitary uses that are incidental to the operations of a governmental, commercial, or non-profit facility, the applicant shall demonstrate that no alternative water supply is reasonably accessible or available.
8. An application for a 72-12-1.1 domestic well to serve multiple households shall be filed with documentation listing the number of households to be served by the well, the owner's contact information for each household to be served, and a description of the legal lot of record for each household to be served. A copy of a well share agreement may be filed to support the claim that the 72-12-1.1 domestic well will serve more than one household.
9. The Office of the State Engineer may require an application to be filed with a deed or purchase contract and plat of survey on file with the appropriate county.
10. See General Conditions of Approval for more information.
11. Send Application in duplicate to:

FEE SCHEDULE FOR APPLICATIONS	
72-12-1.1 (domestic)	= \$125.00
72-12-1.2 (livestock)	= \$5.00
72-12-1.3 (temporary)	= \$5.00
Replacement well	= \$ 75.00
Supplemental well	= \$125.00
Repair or Deepen	= \$ 75.00
Amend Use	= \$ 75.00

Application for permit, well records and requests for information in the following basins should be addressed to the Office of the State Engineer at:

Bluewater, Estancia, Gallup, Middle Rio Grande, Northern Tularosa, and Sandia Basins
District No. 1. 5550 San Antonio Dr. NE, Albuquerque, NM 87109 Phone # 505-383-4000

Capitan, Carlsbad, Casey Lingo, Curry County, Fort Sumner, Hagerman Canal, Hondo, Jal, Lea County, Peñasco, Roswell-Artesian, and Portales Basins
District No. 2. 1900 West Second St., Roswell, NM 88201 Phone # 575-622-6521

Animas, Cloverdale, Gila-San Francisco, Hachita, Lordsburg Valley, Mimbres, Mount Riley, Nutt-Hockett, Playas, San Simon, Virden Valley, and Yaqui Basins
District No. 3. 321 W Spruce St., Deming, NM 88030 Phone # 575-546-2851

Lower Rio Grande, Southern Tularosa, Hueco, Las Animas Creek, Salt, and Hot Springs Basins
District No. 4. 1680 Hickory Loop, Suite J, Las Cruces, NM 88005. Phone # 575-524-6161

San Juan Basin
District No. 5. 100 Gossett Drive, Suite A, Aztec, NM 87410 Phone # 505-334-4571

Northern Rio Grande and Upper Pecos Basins
District No. 6. Bataan Memorial Bldg. Suite 102, Santa Fe, NM 87504-5102 Phone # 505-827-6120

Canadian River, Clayton, and Tucumcari Basins
District No. 7. P.O. Box 481, 301 East 9th Street, Cimarron, NM 87714 Phone # 575-376-2918

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO
2020 SEP 25 AM 10:08

2020 SEP 25 AM 10:08

**NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, or 72-12-1.3 NEW MEXICO STATUTES**

GENERAL CONDITIONS OF APPROVAL

- 17-A The maximum amount of water that may be appropriated under this permit is 3 acre-feet in any year.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).
- 17-C Driller's well record must be filed with the State Engineer within 30 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request, or may be printed from the OSE website at www.ose.state.nm.us, under applications & forms.
- 17-D The production casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.
- 17-E To request a change to the use of water authorized under this permit, the permittee shall file an application with the State Engineer.
- 17-F An application for a new 72-12-1.1 NMSA 2003 domestic well permit where the proposed point of diversion is to be located on the same legal lot of record as an operational 72-12-1.1 NMSA domestic well shall be treated as an application for a supplemental well and the combined diversion may not exceed the maximum annual diversion permitted.
- 17-G If artesian water is encountered, the well driller shall comply with all rules and regulations pertaining to the drilling and casing of artesian wells.
- 17-H The drilling of the well and amount and uses of water permitted are subject to such limitations as may be imposed by a court or by lawful municipal or county ordinance which are more restrictive than the conditions of this permit and applicable State Engineer regulations.
- 17-I The permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-J The well shall be set back a minimum of 50 ft. from an existing well of other ownership unless a variance has been granted by the State Engineer. The State Engineer may grant a variance for a replacement well or to allow for maximum spacing of the well from a source of groundwater contamination. The well shall be set back from potential sources of contamination in accordance with federal, state, and local requirements.
- 17-K Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.
- 17-L The permit is subject to cancellation for non-compliance with the conditions of approval or if otherwise not exercised in accordance with the terms of the permit.
- 17-M The right to divert water under this permit is subject to curtailment by priority administration as implemented by the State Engineer or a court.
- 17-N In the event of any change of ownership to this permit the new owner shall file a change of ownership form with the State Engineer in accordance with Section 72-1-2.1 NMSA 1978.
- 17-O This well permit shall automatically expire unless the well is completed and the well record is filed with the State Engineer within one year of the date of issuance of the permit.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R The State Engineer shall supply a well identification tag for the well driller to firmly affix to the well casing or cap with a steel band upon completion in accordance with Subsection M of 19.27,4.29 NMAC. The permit holder is responsible for maintaining the well identification tag.

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1 NEW MEXICO STATUTES

SEP 25 AM 10:07

FILE NUMBER: SJ-4426
PERMITTEE: Matthew S Johnson

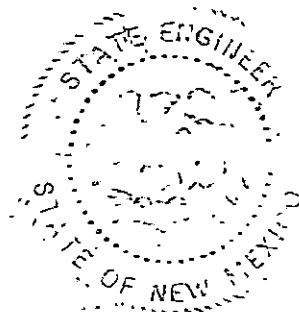
SPECIFIC CONDITIONS OF APPROVAL

- 11 This permit authorizes the diversion of water for domestic use to serve a single household. The total diversion of water under this permit shall not exceed 3.0 acre-foot per year. The diversion of water for domestic use may include the watering of non-commercial trees, lawn and garden not to exceed one acre.
- 17-18 Any diversion of water made in excess of the authorized maximum diversion amount shall be repaid with twice the amount of the over-diversion during the following calendar year. Repayment shall be made by either: (a) reducing the diversion from the well that is the source of the over diversion; or (b) acquiring or leasing a valid, existing consumptive use water right in an amount equal to the repayment amount and submitting a plan for the proposed repayment during the following year to the State Engineer for approval.
- 17-R The State Engineer shall supply a well identification tag for the well driller to firmly affix to the well casing or cap with a steel band upon completion in accordance with Subsection M of 19.27.4.29 NMAC. The permit holder is responsible for maintaining the well identification tag.
- I The permittee shall utilize the highest and best technology available to ensure the conservation of water to the maximum extent practical.
- II The well record is due in our office on or before 09/25/2021.

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to specific conditions listed above.

Witness my hand and seal this 25th day of September, A.D., 2020.



John R. D'Antonio, Jr., P.E.
New Mexico State Engineer

By: Shawna L Wages
Shawna L Wages
Water Rights Division, District V

Trn Desc.: _____ Trn Number: _____ File Number: SJ-4426
Log Due Date: September 25, 2021 Well Tag ID No.: 500A7



STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
AZTEC

John R. D'Antonio Jr., P.E.
State Engineer

100 Gossett Drive, Suite A
Aztec, New Mexico 87410

September 25, 2020

Matthew S Johnson
14 Road 3315
Aztec, NM 87410

Re: File number SJ-4426

Shane,

Attached is your copy of Permit number SJ-4426, that has been approved in accordance with NM Statute Section 72-12-1 subject to the conditions set forth by the permit.

Carefully review the attached conditions and or requirements of approval for this specific permit.

- The enclosed well identification tag must be firmly affixed to the well casing or cap.
- This permit will automatically expire unless the well is completed and the well record filed with the State Engineer within one year of the issuance date of the permit.

For further assistance, please contact the Aztec District V Office at (505) 383-4571.

Kindest regards,

A handwritten signature in cursive script that reads "Shawna L Wages".

Shawna L Wages
District V Office - Aztec

Attachments: Approved 72-12-1 Permit Application
Well Tag ID Number: 500A7
Receipt: 5-6672

cc: Aztec Filing
W.A.T.E.R.S.
Aztec Reading (w/o enclosures)

OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION - AZTEC OFFICE

OFFICIAL RECEIPT NUMBER: 5 - 6672 DATE: 7/24/2020 FILE NO.: SJ-4496 RECEIVED: 125.00 RECEIVED: One hundred twenty five dollars DOLLARS CHECK NO.: 1038 PAYOR: Matthew Johnson ADDRESS: 14 Kant 3315 CITY: Aztec STATE: NM ZIP: 87410 RECEIVED BY: [Signature]

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. Original to payor; pink copy to Program Support/ASD; yellow copy remains in district office; and goldenrod copy to accompany application being filed. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of the daily deposit.

Table with columns for item number, description, amount, and category. Categories include A. Ground Water Filing Fees, B. Surface Water Filing Fees, C. Well Driller Fees, D. Reproduction of Documents, E. Certification, F. Credit Card Convenience Fee, and G. Other. Comments section is also present.

All fees are non-refundable.

STATE ENGINEER OFFICE
ZTEC, NEW MEXICO

2021 JAN 29 AM 11:36



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.)		WELL TAG ID NO. 500A7		OSE FILE NO(S). SJ-4426		
	WELL OWNER NAME(S) Matthew S Johnson				PHONE (OPTIONAL) 505-386-9400		
	WELL OWNER MAILING ADDRESS 14 Road 3315				CITY Aztec	STATE NM	ZIP 87410
	WELL LOCATION (FROM GPS)	DEGREES 36	MINUTES 46	SECONDS 50.2	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LONGITUDE 108	04	24.7	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE/4 NW/4 SW/4 S: 26 T: 30N R: 12W Lot No: 4 Subdivision: Tierra De La Casa Grande							

2. DRILLING & CASING INFORMATION	LICENSE NO. WD 1357	NAME OF LICENSED DRILLER Mark Bailey			NAME OF WELL DRILLING COMPANY Bailey Drilling Company			
	DRILLING STARTED 1-13-21	DRILLING ENDED 1-15-21	DEPTH OF COMPLETED WELL (FT) 240	BORE HOLE DEPTH (FT) 240	DEPTH WATER FIRST ENCOUNTERED (FT) 160			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 160			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	20	9 7/8	PVC	glue	5	sch. 40	
	20	180	7 7/8	PVC	glue	5	sch. 40	
	180	240	7 7/8	PVC	glue	5	sch. 40	3x1/16

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	20	9 7/8	bintonite pellets	3	manual
	150	240	7 7/8	3/8" gravel	18	manual

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. SJ-4426	POD NO. P001	TRN NO. 681801
LOCATION 314-26-30N-12W	WELL TAG ID NO. 500A7	PAGE 1 OF 2

TRN 225223
Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

11 SEP 23 PM 1 23

Section 1. GENERAL INFORMATION

(A) Owner of well Scott Trust
Street or Post Office Address P.O. Box (0)
City and State Aztec, New Mexico 87410

STATE ENGINEER OFFICE #2
SANTA FE, N.M. 87501

Well was drilled under Permit No. S.J. 428 and is located in the:

- a. 1/4 SE 1/4 SE of Section 34 Township 30 Range 12 N.M.P.M.
- b. Tract No. _____ of Map No. _____ of the _____
- c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.
- d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor John C. Hargis License No. WD. 724

Address RT. 1 Box 260-B Aztec New Mexico

Drilling Began 20 Sept. Completed 21 Sept. Type tools Cable/? Size of hole 8' in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 107 ft.

Completed well is shallow artesian. Depth to water upon completion of well 25 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
25	30	5	Dark Blue Water Sand	5
90	107	17	Blue Water Sand	5-6

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
8'	24	Weld	0	10-5	10-5	None	Surface	
5'	Plastic		0	107	107		60	100

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

State Engineer Representative

Date Received 9/23/77

FOR USE OF STATE ENGINEER ONLY

File No. SJ-428

Quad _____ FWL _____ FSL _____

Use Dom. Location No. 30N.12W.34 440

San Juan Co.

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan-Grisham
Governor

Erin Taylor
Acting Cabinet Secretary

Ben Shelton
Deputy Secretary

Albert C.S. Chang
Division Director
Oil Conservation Division



BY ELECTRONIC MAIL ONLY

April 28, 2026

Ms. Philana Thompson
Agua Moss, LLC
PO Box 600
Farmington, NM 87499
pthompson@merrion.bz

RE: Minor Modification Application for Agua Moss, LLC- Permit NM1-09

Dear Ms. Thompson:

The Oil Conservation Division (OCD) received an application for Minor Modification of Agua Moss, LLC (AM), Permit NM1-09, on April 1, 2026. The OCD has reviewed the modifications requested and hereby grants approval of the requests.

Please be advised that this approval does not relieve AM of liability should operations result in pollution of surface water, groundwater, or the environment. Nor does approval relieve AM of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 549-5583 or Joseph.Kennedy@emnrd.nm.gov.

Respectfully,

Joe Kennedy
Senior Environmental Scientist

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 569911

CONDITIONS

Operator: AGUA MOSS, LLC P.O. Box 600 Farmington, NM 87499	OGRID: 247130
	Action Number: 569911
	Action Type: [C-137] SWMF Minor Modification (C-137A)

CONDITIONS

Created By	Condition	Condition Date
joseph.kennedy	Please see approval letter email to Philana Thompson of Agua Moss on 4/28/2026.	4/28/2026