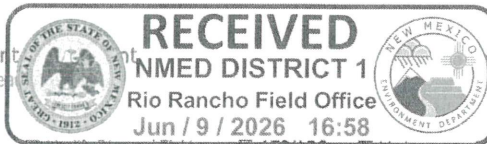


PAID

New Mexico Environment
Environmental Health Bureau
Liquid Waste Program



Application for Liquid Waste Permit or
Registration

☒ Conventional ☐ Modify Treatment Unit ☐ Modify Disposal Field ☐ ATS/ADS ☐ Variance ☐ Commercial ☐ Register ☐ Amendment

Section 1 General Information (Incomplete applications will be returned without action)

Liquid Waste Processing Number:
LW-0018489
Field Office ID: Application Date:

Name (Property Legal owner, Inc., LLC, partnership, DBA, full legal name):
McWilliams Living Trust c/o Mary J McWilliams
E-mail address(es): **mark@markpuckett.com** Phone: **505-269-6998** Facility Commercial or Institutional Name:

System Location: Physical Address - (if needed, attach directions):
31 Second Mesa Dr. Mailing Address (Invoices, permits, official correspondence):
700 W E St. Unit 2601

City: **Placitas** State: **NM** Zip Code: **87043** City: **San Diego** State: **CA** Zip Code: **92101-5995**

Uniform Property Code: **1-023-075-020-090** Date of Record: Lot Size (0.01 acres): **2.288** Total No. LW Systems on Property: **1** Total Design Flow on Property: **375 GPD**

Subdivision: **Sundance Mesa** Subdivision Plat Date: **7/5/94** Unit/Phase: Block Lot/Tract: **109** Township: **13N** Range: **4E** Section: **23**

Water Supply Source: ☐ Onsite ☐ Private ☒ Onsite ☐ Public ☐ Storage ☐ Shared
No. Connections: **N/A** OSE Well Permit No. (505)827-6120 **N/A** Private Water Well Location (long., lat. or physical address, city, state): **N/A**

Public Water System Name: **Placitas Water** Irrigation well, flood irrigation area on lot? ☐ YES ☒ NO Enter all LW permit numbers for this lot: **BE040629** Will a petition for variance be submitted with this application? ☐ YES ☒ NO

Section 2 Installer Information (NMED verifies all licensing information with CID and company registration with the Secretary of State's Office)

Qualifying Party Name: **Scott Cole** Phone: **505-822-9027** Licensed Company Name: (as on file with CID): **ASTC, Inc.**

Mailing Address (street / PO Box, City, State, Zip): **PO Box 93148, Albuq., NM 87199** E-mail address: **alphasep1@aol.com**

CID License Classification: ☐ MM-1 ☐ MM-98 ☐ MS-1 ☒ MS-2 ☐ Homeowner CID Company License No.: **93351**

I am the qualifying party for a licensed company by the State of New Mexico Regulatory Licensing Department, Construction Industries Division (CID). I will either personally install the work myself or authorize company employee(s), **Mason Cole, Rafael Hardin, Tyler Cole** (named here) to provide the services and labor for this permit application under my direct supervision.

Section 3 Authentication / Verification

By signing below, I attest that the information in this application is correct and true to the best of my knowledge. I understand the issuing of this permit does not relieve me from the responsibility of complying with all applicable provisions of the New Mexico Plumbing Code and the New Mexico Liquid Waste Disposal and Treatment Regulations. Obtaining this permit does not relieve me from the responsibility of obtaining any permit required by state, city or county regulation or ordinance or other requirements of state or federal law.

Page 2 must be attached for each proposed system on lot: ☒ Qualifying Party ☐ Authorized Rep. ☐ Homeowner
Printed Name: **SCOTT COLE** Signature: **[Signature]** Date Signed: **6/8/26**

NMED PERMIT TO CONSTRUCT
☒ Granted ☐ Granted with conditions ☐ Denied ☐ Cancelled

Conditions or Reasons for Denial:

NMED Permit to Construct No.: **LW-0018489**

NMED Inspector Name Printed: **DOMINIC R. ROMERO** NMED Inspector Signature: **[Signature]** Date: **06.12.26**

NMED LIQUID WASTE FEES (permits to construct and operate are valid only upon all fees are being paid). (Amendments no fee required)

☒ Conventional-1000gpd \$225 ☐ 1001-2000gpd \$325 ☐ 2001-5000gpd \$425 ☐ Holding Tank Annual Renewal (\$30) ☐ Variance small system \$100

☐ ATS/ADS -1000gpd \$450 ☐ 1001-2000gpd \$550 ☐ 2001-5000gpd \$650 ☐ ATS/ADS Annual Renewal (\$50) ☐ Variance large system \$400

Total Fee Paid: **\$1190** Date Paid: **JUN 10 2026** Payment Received By: **TS Salazar**

FINAL INSPECTION OF LW SYSTEM (9021, an approved final inspection report is valid for 180 days as a property transfer evaluation)

☒ Final Inspection Conducted by NMED Final Inspection Date: **06/24/26** NMED Inspector Name Printed: **HELENE SICKLER**

☐ Contractor photo inspection authorized: Photo inspection date: Date photos and Completed Form Received by NMED: ☐ Installation Approved ☐ Installation Approved with Conditions (see inspection form for conditions) ☐ Installation Not Approved

NMED PERMIT TO OPERATE (permits to operate holding tanks and ATS / ADS are only valid for one-year, annual renewals applications required)

A permit for operation of the Liquid Waste system described herein is hereby: ☒ Granted ☐ Granted with conditions ☐ Denied ☐ Cancelled

Conditions or Reasons for Denial:

NMED Permit to Operate No.: **LW-0018489**

NMED Inspector Name Printed: **HELENE SICKLER** NMED Inspector Signature: **[Signature]** Date: **06/24/26**

ENTERED



Application for Liquid Waste Permit or Registration

If your lot has more than one LW system, you must fill out a separate application for each system. The site plan drawing must show all liquid waste systems located on your lot. Existing permitted systems must be identified with their LW Permit #. New, modified or unpermitted systems must be clearly labelled on the site plan. NMED agents are not authorized to amend or complete any portion of this application.

Liquid Waste Processing Number: ☐ Amendment

LW0018489

Treatment & Disposal System Design

Section 1 Design Flow, Hydrology, and Soil Description

A. Wastewater Sources & Design Flow Calculations				B. Hydrology Data (depth to limiting layers)				C. Soil Description:	
Facility		Units (enter number)	(Q) Flow, gpd	Depth from ground surface to:		Feet	Type	AR=	
1. RESIDENTIAL	☒ Single Family Residence A	Bedrooms: <u>3</u>	<u>375</u>	Seasonal high-water table		<u>10'4"</u>	☐ Type Ia: Coarse Sand (or up to 30% gravel)	1.25	
	☐ Single Family Residence B	Bedrooms:	Flow:	Bedrock		<u>10'4"</u>	☐ Type Ib: Medium Sand, Loamy Sand	2.0	
	☐ Multiple Family Units (4 or less units, apartments)	Bedrooms: Bedrooms: Bedrooms: Bedrooms:	Flow:	Caliche		<u>10'4"</u>	☒ Type II: Sandy Loam, Fine Sand, Loam	2.0	
	☐ Cluster System: (description)		Flow:	Clay soils, tight clay		<u>10'4"</u>			
2. COMMERCIAL	☐ Multiple Family Units (5 or more units, apartments)	Method of Design Flow Calculation: ☐ Table 201.1 ☐ PE (Calc. Sheet) Attached ☐ Water Meter Data Attached ☐ Calc. Sheet Attached		Gravel, cobbles, highly permeable soil, greater than 30% gravel		<u>10'4"</u>	☐ Type III: Silt, Silt Loam, Clay Loam, Silty Clay Loam, Sandy Clay Loam	2.0	
	☐ Commercial / Institution:	Test Hole / Soil Borings Used: ☐ YES ☒ NO		Soil Classification Methodology used: ☐ Jar Test ☒ Web Soil Survey ☐ Laboratory: ☐ Sieve		☐ Type IV: Sandy Clay, Silty Clay, Clay			5.0
	☐ Other (type):	Total Flow for this LW System: <u>Q= 375</u>							

Section 2. Treatment Unit and Pump Design: (Note: 202D, E & F, tank modification or registration requires pumping, and be within one tank size)

A. CONV.		No. Septic Tank(s)	Manufacturer	Series / Model / Certification No.	Capacity (gallons)	Cover Depth:	
☒ Primary Treatment Unit		<u>1</u>	<u>Infiltrator</u>	<u>11-03-100</u>	<u>10000</u>	<u>3'</u>	
☐ Septic Tank(s)			Tank Bedrock: (circle one) ☒ Undisturbed Soil ☐ Compact Soil ☐ Pea Gravel ☐ Sand	Tank Back Fill: (circle one) ☒ Native soil with no rocks ☐ Pea Gravel ☐ Sand	(Tanks are approved for max 3' cover unless otherwise approved / marked)		
B. PUMP	☐ Pump Tank	Manufacturer:		Series / Model:	Capacity (gallons)	Cover Depth:	
	☐ Pump Basin	Manufacturer:		Series / Model:	Pump Curve Attch'd: ☐ YES ☒ NO	Effluent Pump: ☐ YES ☒ NO	
	☐ Pump			Series / Model:	Capacity (gallons)	Cover Depth:	
	☐ Dual Pump			Series / Model:	Capacity (gallons)	Cover Depth:	
C. ALTERNATIVE	☐ Secondary	☐ Standard ☐ Conditional ☐ Experimental	☐ Required ☐ Voluntary	Manufacturer:	Series / Model:	Capacity (gallons)	Cover Depth:
	☐ Tertiary	☐ UV ☐ Ozone ☐ Chlorine	☐ Required ☐ Voluntary	Manufacturer:	Series / Model:	All Tank Burial Instructions Attached. Applicant has read and understands proper burial instructions & will adhere: ☒ YES ☐ NO ☐ Initial Here: <u>SC</u>	
	☐ Disinfection			Manufacturer:	Series / Model:		
				Manufacturer:	Series / Model:		

Section 3 Disposal System Design, Components and Calculations: (Note: 202D&E, disposal field modification requires tank pumping, addition of filter and risers, I/O baffle or T's checked)

A. Minimum Required absorption area, calculated		Q	X	AR	=	Min. Sq. Ft. Required:	Existing Sq. Ft. utilized:	Proposed Sq. Ft.:	=	Total Disposal Area Sq. Ft.
(Multiply Design Flow (Q) times Application Rate (AR):)		<u>375</u>	<u>1</u>	<u>1</u>	<u>=</u>	<u>375</u>	<u>0</u>	<u>375</u>	<u>=</u>	<u>375</u>
B. Design Components:		☐ Distribution Box	☐ Tee	☐ Drop Box	☐ Alternating Drainfield Valve	☐ Other:				
DISPOSAL	☐ Pipe & Gravel	Trench Width:	Depth Gravel Below Pipe:	Total Linear Feet:	No. of Trenches:	Max Trench Depth:	Length, each trench:	Trench Spacing (ft):	Proposed Sq. Ft.:	
	☐ Elevated									
	☐ Chamber	Mr. Model No &	Sizing Credit (stiff, or unity):	Total Linear Feet:	No. of Units:	Max Trench Depth:	Length, each trench:	Trench Spacing (ft):	Proposed Sq. Ft.:	
	☐ Synthetic Aggregate, ☐ Elevated System									
C. CONVENTIONAL	☐ Seepage Pit	Dimensions (L x W):	Depth below invert:	Proposed Sq. Ft.:	Max Depth:	(fine to med Sand ASTM Specs Attached?) ☐ YES ☒ NO		☐ ET Bed (unlined, gravity fed)		
	☐ Absorption Bed									
	☐ Elevated System									
	☐ Holding Tank	No. of Tank(s):	Manufacturer:	NM Certification No.:	Capacity:	Cover Depth:	High Water Alarm at 80%? ☐ YES ☒ NO ☐ Set at: _____			
2. Non-discharging	☐ Vault	☐ Other (description):		☐ Privy (outhouse)		☐ Split Flow: (complete holding tank section & septic tank & conventional disposal section):				

Section 4 Alternative Disposal System (ADS) Design, Components and Calculations

For all ADS's - calculation sheets & site plan drawings (plan view with cross section views) must be submitted with this permit application.

ALTERNATIVE DISPOSAL	1. Discharging	☐ Wisconsin Mound	☐ Unlined ET Bed	☐ Effluent Irrigation Re-use (804 reduced setbacks allowed)	☐ Sand-Lined Trench	☐ Bottomless Sand Filters		
		☐ LPD	☐ LPP	☐ Wetland	☐ Graywater	☐ Drip Irrigation	☐ Sand ASTM Specs Attached? ☐ YES ☒ NO	☐ Sand ASTM Specs Attached? ☐ YES ☒ NO
		☐ Other (description of above system):						
2. Non-discharging	☐ Lined ET Bed (fine to med Sand ASTM Specs Attached?) ☐ YES ☒ NO	Liner Material & Thickness (mils):	Dimensions (L x W) & sq. ft.:	☐ Lined Lagoon (DP Transfers / Registrations Only)	Liner Material & Thickness (mils):	Dimensions (L x W) & sq. ft.:		
	☐ Other (description, liner specs attached):							

Section 5 Setbacks, Site Plan & Attachments (check those that apply)

- ☒ YES ☐ NO ☐ 1. Does proposed system meet all setbacks required per Table 302.1?
- ☒ YES ☐ NO ☐ 2. Site plan attached which shows all structures, LW systems, and wells / waters within 200', with all setbacks clearly shown?
- ☒ YES ☐ NO ☐ 3. If ATS or ADS, all requirements under section 403 are submitted, including calculations and drawings?

Supporting Documents Included: ☒ Survey ☐ Plat ☒ Floorplan ☒ Warranty Deed ☐ Tax Bill ☐ Other:



New Mexico Environment Department
Environmental Health Bureau
Liquid Waste Program



Application for Liquid Waste Permit or Registration

☒ Conventional ☒ Modify Treatment Unit ☐ Modify Disposal Field ☐ ATS/ADS ☐ Variance ☐ Commercial ☐ Register ☐ Amendment

Section 1 General Information (Incomplete applications will be returned without action)

Liquid Waste Processing Number: **11W0018489**
Field Office ID: _____ Application Date: **JUN 11 2026**

Name (Property Legal owner, Inc., LLC, partnership, DBA, full legal name): **McWilliams Living Trust c/o Mary McWilliams**
E-mail address(es): **mark@markpuckett.com** Phone: **505-269-6990** Facility Commercial or Institutional Name: _____
System Location: Physical Address: (If needed, attach directions) **31 Second Mesa Dr. Placitas NM 87043** Mailing Address (Invoices, permits, official correspondence): **700 W E St. Unit 2601 San Diego CA 92101-5995**
Uniform Property Code: **1-023-075-020-090** Date of Record: _____ Lot Size (0.01 acres): **2.288** Total No. LW Systems on Property: **1** Total Design Flow on Property: **375 GPD**
Subdivision: **Sundance Mesa** Subdivision Plat Date: **7/7/94** Unit/Phase: _____ Block: _____ Lot/Tract: **109** Township: **13N** Range: **4E** Section: **23**
Water Supply Source: ☐ Onsite ☐ Private ☒ Onsite ☐ Public ☐ Storage ☐ Shared **Placitas water** No. Connections: **N/A** OSE Well Permit No. **5051827-6120** Private Water Well Location (long., lat. or physical address, city, state): **N/A**
☐ YES ☒ NO Will a petition for variance be submitted with this application? ☐ YES ☒ NO

Section 2 Installer Information (NMED verifies all licensing information with CID and company registration with the Secretary of State's Office)

Qualifying Party Name: **Scott Cole** Phone: **505-822-9027** Licensed Company Name: (as on file with CID) **ASTC, Inc.** ☒ Corp., Inc. ☐ LLC ☐ Sole Prop. ☐ LP, LLP
Mailing Address (street / PO Box, City, State, Zip): **PO Box 93148, Albuq., NM 87199** Email address: **alphasep@aol.com**
CID License Classification: ☐ MM-1 ☐ MM-98 ☐ MS-1 ☒ MS-3 ☐ Homeowner CID Company License No.: **93351**
I am the qualifying party for a licensed company by the State of New Mexico Regulation Licensing Department, Construction Industries Division (CID). I will either personally install the work myself or authorize company employee(s), **Scott Cole, Rafael Harris, Tyler Cole** (named here) to provide the services and labor for this permit application under my direct supervision.

Section 3 Authentication / Verification

By signing below, I attest that the information in this application is correct and true to the best of my knowledge. I understand the issuing of this permit does not relieve me from the responsibility of complying with all applicable provisions of the New Mexico Plumbing Code and the New Mexico Liquid Waste Disposal and Treatment Regulations. Obtaining this permit does not relieve me from the responsibility of obtaining any permit required by state, city or county regulation or ordinance or other requirements of state or federal law.

Page 2 must be attached for each proposed system on lot ☒ Qualifying Party ☐ Authorized Rep. ☐ Homeowner
Printed Name: **SCOTT COLE** Signature: **[Signature]** Date Signed: **6/8/26**

NMED USE ONLY	NMED PERMIT TO CONSTRUCT			
	☐ Granted ☐ Granted with conditions ☐ Denied ☐ Cancelled			
	Conditions or Reasons for Denial: _____			
NMED USE ONLY	NMED Inspector Name Printed: _____		NMED Inspector Signature: _____	
	Date: _____		Date: _____	
	NMED LIQUID WASTE FEES (permits to construct and operate are valid only upon all fees are being paid), (Amendments no fee required)			
NMED USE ONLY	☐ Conventional-1000gpd \$225 ☐ 1001-2000gpd \$325 ☐ 2001-5000gpd \$425 ☐ Holding Tank Annual Renewal (\$30) ☐ Variance small system \$100			
	☐ ATS/ADS -1000gpd \$450 ☐ 1001-2000gpd \$550 ☐ 2001-5000gpd \$650 ☐ ATS /ADS Annual Renewal (\$50) ☐ Variance large system \$400			
	Total Fee Paid: _____		Date Paid: _____	
NMED USE ONLY	FINAL INSPECTION OF LW SYSTEM (2021, an approved final inspection report is valid for 180 days as a property transfer evaluation)			
	☐ Final Inspection Conducted by NMED		☐ Installation Approved	
	Final Inspection Date: _____		☐ Installation Approved with Conditions (see inspection form for conditions)	
NMED USE ONLY	☐ Contractor photo inspection authorized:		☐ Installation Not Approved	
	Photo inspection date: _____		Date photos and Completed Form Received by NMED: _____	
	NMED PERMIT TO OPERATE (permits to operate holding tanks and ATS / ADS are only valid for one-year, annual renewals applications required)			
NMED USE ONLY	A permit for operation of the Liquid Waste system described herein is hereby: ☐ Granted ☐ Granted with conditions ☐ Denied ☐ Cancelled			
	Conditions or Reasons for Denial: _____			
	NMED Inspector Name Printed: _____		NMED Inspector Signature: _____	
Date: _____		Date: _____		



Of

N. V. MEXICO, ON JULY 7, 1994, IN VOLUME 3, FILED 1151-A

GENERAL NOTES:

4. FIELD WORK PERIODS ON JAN 13, 2017

(6)	(09.44)	(10.11.19)	(12.2.2)
(6)	(09.44)	(10.11.19)	(12.2.2)

(0.8)	(1.6e-10)°	(1.207)
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1

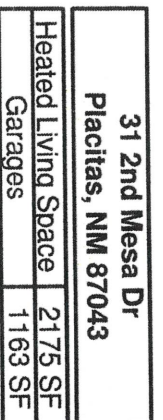
~~22880~~ A

PHILIP ALBY P. 15794
IN VOLUME 2, FOLIO 1131

ALBUQUERQUE, NEW MEXICO 87102 MAPLETHISTSURVEYFOTTC.CO

FILE: (505) 998-0308





Presented by:
Mark Puckett
(505) 332-1133

COVERED PATIO
8'10" x 21'

DINING ROOM
11' x 13'3"

KITCHEN
11'7" x 13'3"

PANTRY
6' x 2'

BEDROOM
13'3" x 11'11"

CLOSET
4'9" x 7'8"

2 CAR GARAGE
23'9" x 19'7"

ENTRY
6'10" x 13'1"

BATH
9'2" x 5'5"

LAUNDRY
9'6" x 5'5"

MURPHY BED

CLOSET
2'1" x 7'2"

BEDROOM
16'8" x 11'9"

COVERED PORCH
19'2" x 5'4"

LIVING ROOM
21'11" x 20'7"

PRIMARY SUITE
17'4" x 17'6"

BATH
18'5" x 8'7"

CLOSET
6'11" x 6'10"

CLOSET
2'11" x 17'

ALL ROOM SIZES ARE APPROXIMATE
***ALL SQUARE FOOTAGE CALCULATIONS WERE DERIVED FROM APPARENT CONSTRUCTION. DISCREPANCIES**

***ALL ROOM SIZES ARE APPROXIMATE
*ALL SQUARE FOOTAGE CALCULATIONS WERE DERIVED
FROM APPARENT CONSTRUCTION; DISCREPANCIES
MAY EXIST DUE TO MEASUREMENT VARIATIONS
Preparer is not an appraiser and is not liable for discrepancies
w/appraisal calculations. This plan is diagrammatic & its only
purpose is to provide a basic layout of the residence.
This drawing may not be copied or reproduced in any way
without written permission from AMB Floorplans, LLC.**

This page can be printed using your internet browser or by CTL + P
Account: R031374

Location

Parcel Number 1-023-075-020-090
Tax Area 802HL_R - 802HL_R
Situs Address 31 SECOND MESA DR
Legal Summary Legal: S: 23 T: 13N R:
4E Subd: SUNDANCE MESA Lot: 109

Owner Information

Owner Name MCWILLIAMS LIVING
TRUST
In Care Of Name C/O MCWILLIAMS,
SPENCER A AND MARY J
Owner Address 700 W E ST UNIT 2601
SAN DIEGO, CA 92101-5995
UNITED STATES OF AMERICA

Assessment History

Actual Value (2026 - Residential Cap applied) \$463,238
Primary Taxable \$154,413
Tax Area: 802HL_R **Mill Levy:** 20.687

Type	Actual	Assessed	Acres	SQFT	Units
Residential Land	\$86,094	\$28,698	2.288	99665.280	1.000
Residential Improvement	\$377,144	\$125,715			2119.000

Transfers

Sale Date

[08/18/2017](#)
[06/26/2006](#)
[06/19/2006](#)
[11/26/2003](#)

Doc Description

[WARRANTY DEED](#)
[UNASSIGNED](#)
[CASH SALE](#)
[UNASSIGNED](#)

Images

Tax Year

Taxes

*2026 \$3,194.36
2025 \$3,172.64

* Estimated

- [Map](#)
- [Photo](#)
- [Sketch](#)
- [GIS](#)



This page can be printed using your internet browser or by CTL + P
Account: R031374 Land

- [Attributes](#)
- [Remarks](#)

Abstract Code Tax Area Override
RESIDENTIAL LAND

Acres	SQFT	Units
2.28800	99665.28	1

Parcel Number
1023075020090

WARRANTY DEED

Terry W. West and Tina L. West, husband and wife

for consideration paid, grant(s) to

Spencer A. McWilliams and Mary J. McWilliams, Trustees of the McWilliams Living Trust dated March 21, 2014 and any amendments thereto

whose address is: 700 W. E St, Unit 2601, San Diego, CA 92101

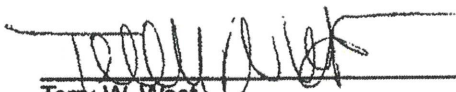
the following described real estate in Sandoval County, New Mexico:

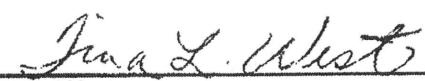
Lot numbered One Hundred Nine (109) of Sundance Mesa Subdivision, Sandoval County, New Mexico, as the same is shown and designated on the plat thereof, filed in the Office of the County Clerk of Sandoval County, New Mexico, on July 7, 1994, in Volume 3, Folio 1151-A.

Subject to patent reservations, restrictions and easements of record and to taxes for the current year and years thereafter.

with warranty covenants.

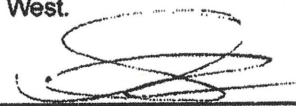
Witness this 17 day of August, 2017


Terry W. West

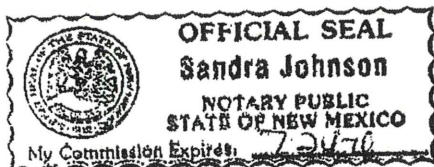

Tina L. West

State of New Mexico
County of Bernalillo

This instrument was acknowledged before me on 17 day of August, 2017 by Terry W. West and Tina L. West.

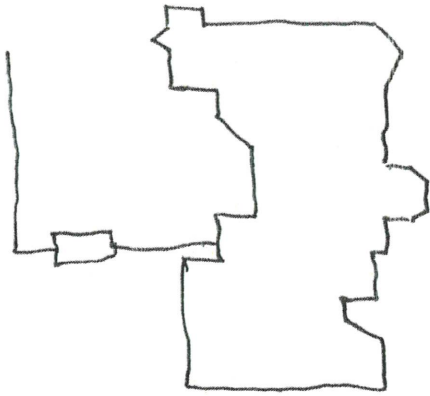

Notary Public Sandra Johnson

My Commission Expires: July 24, 2018



New Mexico Environment Department		Property Transfer Evaluation Report for Permitted Onsite Liquid Waste Systems	
GENERAL INFORMATION To be completed by Owner or Owner's Representative		Liquid Waste Permit Number: BE040629	
EXISTING PERMIT INFORMATION	Existing Permit Number(s) BE040629	Lot Size on Permit (to 0.01 acres) 2.288	Number of Bedrooms on Permit 3
CURRENT OWNER INFORMATION	Name McWilliams Living Trust	Mailing Address 31 Second Mesa Dr Placitas, NM 87043	Phone 760-505-4889
PROPERTY INFORMATION	Site Address 31 Second Mesa Dr Placitas, NM 87043	Uniform Property Code (13 digits, 9-###-###-####) 1023075020090	Lot Size (to 0.01 Acres) 2.288
	Township/Range/Section T13N R4E 23	Subdivision Sundance Mesa	Lot/Tract/Block/Unit 109
RESIDENCE INFORMATION	Current Number of Bedrooms in Main Residence 1 2 3 4 5 6 Other:	Other structure on property being used as a residence? YES NO	Describe Current Number of Bedrooms in Other Residential Structures:
WATER SOURCE	Water Source (Circle One) Private Well Public Water Shared Well No. Connections	Well on your property? YES NO	Well Permit Number
OTHER SOURCES OF WASTEWATER	Any other sources of wastewater on this property? YES NO	If YES, What Permit Numbers?	Describe Other Sources
THIRD PARTY EVALUATOR INFORMATION To be completed by Third Party Evaluator, Owner or Owner's Representative			
EVALUATOR INFORMATION	Name of Person Evaluating LW System Damon Hansel	Name of Company American Pumping Svc	Phone Number 505-344-7667
THIRD PARTY EVALUATOR QUALIFICATION	MM-98 MM-01 MS-03 MS-01 PE NSF NEHA REHS/RS OTHER (Approved by NMED) For "OTHER" state date approved by NMED:	License/Certification# 17856 - ITC	Expiration Date 09-2024
SEPTAGE PUMPER INFO	Name of Company American Pumping Svc.	Name of Septage Pumper Damon Hansel	Is this person a Qualified Septage Pumper under Section 904(D) of Regulations? YES NO
OTHER INFORMATION			
NOTICE TO OWNER OR AGENT: 1. This report shall <u>not</u> be construed as a warranty that the system will function properly because of the numerous factors (usage, soil characteristics, previous failures, etc.) which may affect the proper operation of a septic system. 2. A fee of \$50.00 will be charged by the department upon filing this report to be included in the official record. Your signature below attests that the above detailed information is correct and true to the best of your knowledge.			
Owner or Authorized Representative Name Printed Mark J Puckett		Signature Mark J Puckett	Date 05/12/26

LIQUID WASTE SYSTEM EVALUATION				Liquid Waste Permit Number: BE 040629	
To be completed by Third Party Evaluator					
Septic Tank					
LOCATION	Latitude (DDD.ddddd) 39°20.1805	Longitude (DDD.ddddd) 106°29.6987	Elevation (Feet) 5372		
SIZE and MATERIALS	Size (gallons) 1000 1200 1500 Other: _____	Material ☒ Concrete ☐ Plastic ☐ Fiberglass Other Note: _____		Manufacturer of Tank	
	Tank Dimensions: (ext lth x wth x lg dth, inches) _____ x _____ x _____	Covers Secure? ☒ YES ☐ NO	Tank Cover Depth (Top of Tank to grade) (3' max unless otherwise approved) 3 feet		Year Tank Manufactured (as marked on tank)
ACCESS RISERS	Access Risers ☒ Inlet & Outlet? (Req'd 1997 1 ft grade, 2005 to grade) YES ☐ NO ☐ Not Required	Effluent Filter? (Required 2005) YES ☒ NO ☒ Not Required		Handle on Effluent Filter within 6" cover? (Required 2013) YES ☒ NO ☒ Not Required	
	Number of Risers on tank: (over inlet and outlet, over baffle wall vent not acceptable) 0 1 2	Riser Internal Diameter: (inches) (3' cover 24", over 3' cover 30" req'd) 24" 30" Other: _____		Material: (metal prohibited) Concrete coated ☒ Plastic Concrete Type V	
FUNCTIONALITY	How many Gallons were pumped for this evaluation? 1,000 Gallons	Water Level in Tank at Outlet (Circle One) Above Invert ☐ At Invert ☒ Below Invert		Does Tank appear Level? (Circle One) YES ☐ NO	
	Inlet Tee/Baffle (Circle One) ☒ OK ☐ NOT OK Note: _____	Outlet Tee/Baffle (Circle One) ☒ OK ☐ NOT OK Note: _____		Baffle Wall (Circle One) ☒ OK ☐ NOT OK Note: _____	
VISIBLE DESCRIPTORS (Circle All that Apply)	☒ Structural Cracking ☐ Excessive Deterioration ☐ Rust Streaks ☐ Exposed Aggregate ☐ Exposed Rebar/Wire ☐ Tank/Manhole Deformed Notes: _____				
SEPTIC TANK SETBACKS	Setbacks to On-site Water Well (50 ft) ☒ Met ☐ Not Met ☐ Unable to Confirm N/A Distance: 50 Feet		Setbacks to Neighbor's Well (50 ft) ☒ Met ☐ Not Met ☐ Unable to Confirm N/A Distance: 50 Feet		Setbacks to Public Water Well (100 ft) ☒ Met ☐ Not Met ☐ Unable to Confirm N/A Distance: 100 Feet
	Setbacks: State Waters, Arroyos, Ditches ☒ Met ☐ Not Met ☐ Unable to Confirm N/A		To Property Lines, Structures, Waterlines ☒ Met ☐ Not Met ☐ Unable to Confirm N/A		Setbacks to Disposal System ☒ Met ☐ Not Met ☐ Unable to Confirm N/A
HOLDING TANK	Annual Operating Permit Approved? YES ☐ NO ☐ N/A	High Level Alarm working properly? YES ☐ NO ☐ N/A	Appears to be Watertight? YES ☐ NO ☐ N/A	Pumping Records Available? YES ☐ NO ☐ N/A	
Note any Problems, Concerns or Comments: Tank has Cracks					
Disposal System					
TYPE OF DISPOSAL SYSTEM (Circle ALL that apply)	☒ Conventional ☒ Trench ☒ Pipe and Gravel ☐ Chambers ☐ Synthetic Aggregate ☐ Other ☐ Seepage Pit ☐ Leaching Bed ☐ Elevated System with Lift Station				
	☐ Alternative/Other ☐ Elevated System with Pressure-Dosing ☐ Wisconsin Mound ☐ ET Bed ☐ Gray Water System ☐ Drip System ☐ Low-pressure Dosed ☐ Split-Flow ☐ Bottomless Sand Filter ☐ Sand-lined Trench ☐ Soil-Replacement ☐ Vault ☐ Privy ☐ Constructed Wetlands ☐ Other: _____				
ANNUAL OPERATING PERMIT	Annual Operating Permit Approved? YES ☐ NO ☐ N/A				
DISTRIBUTION BOX	Is there a D-Box on this system? YES ☐ NO ☒ UNABLE TO CONFIRM		Watertight & Equal Distribution of Flow? YES ☐ NO ☒ UNABLE TO CONFIRM		Access to D-Box? (Required 2013) YES ☐ NO
	Did you Probe Disposal Field Area? YES ☒ NO		Approximately how many Gallons of water added for Hydraulic Water Test? Gallons Added: 100		Method used to measure gallons? ☒ Bucket 5 gal. minutes: ☐ Water meter: Approximate:
INSPECTION METHODS & OBSERVATIONS	Any Indication of Previous Failure? YES ☒ NO		Seepage Visible on Lawn? YES ☒ NO		Lush Vegetation Present? YES ☒ NO
	Evidence of Ponding Water in Field? YES ☒ NO ☐ N/A ☐ UNABLE TO CONFIRM		Even Distribution of Effluent in Field? YES ☒ NO ☐ N/A ☐ UNABLE TO CONFIRM		Any Septic Odor Present? YES ☒ NO
	Setbacks to On-site Water Well (100 ft) ☒ Met ☐ Not Met ☐ Unable to Confirm N/A Distance: 100 Feet		Setbacks to Neighbor's Well (100 ft) ☒ Met ☐ Not Met ☐ Unable to Confirm N/A Distance: 100 Feet		Setbacks to Public Water Well (200 ft) ☒ Met ☐ Not Met ☐ Unable to Confirm N/A Distance: 200 Feet
DISPOSAL SYSTEM SETBACKS	Setbacks: State Waters, Arroyos, Ditches ☒ Met ☐ Not Met ☐ Unable to Confirm N/A		To Property Lines, Structures, Waterlines ☒ Met ☐ Not Met ☐ Unable to Confirm N/A		Setbacks to Septic Tank ☒ Met ☐ Not Met ☐ Unable to Confirm

LIQUID WASTE SYSTEM EVALUATION				Liquid Waste Permit Number: BE040629	
To be completed by Third Party Evaluator					
FUNCTIONALITY	Does the Disposal System Appear to be Functioning Properly? ☒ YES ☐ NO		If proprietary product, was system installed in accordance with manufacturer's specifications and permit design? N/A Yes No <u>Unable to Confirm</u>		
Note any Problems, Concerns or Comments: 					
Advanced Treatment System					
☒ Not Applicable check here if not applicable					
ATSS can only be evaluated by a Qualified Maintenance Service Provider.			Are you a Qualified MSP? YES NO		
TYPE OF ATS	Name of Manufacturer N/A	Model/Capacity		What Level of Treatment Secondary Tertiary Disinfection	
FUNCTIONALITY	Aerator is working properly? YES NO	System appears to have been properly maintained? YES NO	Disinfection unit is working properly? Chlorine UV Other: _____ YES NO N/A		Has System been meeting treatment levels required on permit? YES NO DON'T KNOW
MAINTENANCE	Is there an active Maintenance & Monitoring Contract currently in effect? YES NO Name of MSP: _____		Has a Maintenance & Monitoring event occurred within last 180 days? YES NO DON'T KNOW		Are Results of Maintenance & Monitoring Report Attached? YES NO
ANNUAL OPERATING PERMIT	Annual Operating Permit Approved? YES NO N/A _____		Mfr's Maintenance Checklist Attached: YES NO		Level of Treatment Required for: Lot size Clearance Setback Soil
Note any Problems, Concerns or Comments: 					
Pump Systems					
☒ Not Applicable check here if not applicable					
FUNCTIONALITY	Is pump operating properly? YES NO		Is pump above Tank floor? YES NO		High Level Alarm Works? YES NO
	Alarms and pumps on separate circuits? YES NO		Is pump wiring protected? YES NO		Both Audible & Visible Alarms present? YES NO
	Is there a Riser to Grade w/ Secure Lid? YES NO		Is tank watertight and structurally sound? YES NO		Is there a Check Valve & Purge/Vent Hole? YES NO
Note any Problems, Concerns or Comments: 					
Draw a Simple Sketch of the System (Include North Arrow, Location of House, Property Lines, System Components and Location of On-site and Neighboring Wells. Also include Setback distance from House to Septic Tank)					
<u>Second Floor</u> 					

Property Transfer Evaluation Summary		Liquid Waste Permit Number:	
For Permitted Onsite Liquid Waste Systems		BE 040629	
Note: Unlicensed evaluators, septage pumpers, maintenance service providers and any unlicensed entity cannot repair or modify a liquid waste system			
Evaluation Criteria (pursuant to Section 902(F) and (G) of 20.7.3 NMAC)		Circle One You must circle one for each item or this form will be considered incomplete	
1	Public Health and Safety	Does this system currently constitute a public health or safety hazard?	YES ¹ NO
2	Septic Tank/ Treatment Unit	Is the septic tank/treatment unit watertight and functioning properly?	YES NO ²
3	Disposal System	Does the disposal system appear to be functioning properly?	YES ¹ NO ²
4	Setbacks and Clearances to waters	Does the system appear to meet all setbacks and clearances to waters?	YES ¹ NO ²
5	Setbacks and Clearances to all other than waters	Does the system appear to meet all setbacks and clearances to all other than waters and greater than 1 foot?	YES ¹ NO ³
6	Lot Size Requirements	Does the system installed on this property meet the lot size requirement in effect at the time of the initial installation, or in effect at the time of the most recent permitted modification?	YES ¹ NO ³
7	Bedrooms/Design Flow	Has the number of bedrooms (or design flow) increased from the number of bedrooms or design flow stated on original permit?	YES ³ NO ¹
8	Advanced Treatment Systems	Is a Monitoring or Sampling Report attached, which has been completed within the past 180 days? <i>(Required for All ATSs)</i>	YES NO ² NA
Evaluator Recommendations Circle All that Apply		Liquid waste system appears to be functioning properly <u>Septic Tank Needs Replacement</u> Septic Tank Needs Repairs Disposal System Needs Replacement Expansion or Repairs <u>ATS Needs Replacement, Maintenance /Repairs</u> Comments <i>(describe any problems with the system and any repairs made):</i>	
Tank has Cracks			
Only licensed contractors and their employees may construct, repair, or replace components of a permitted septic system, this includes the following activities; install risers, repair risers or broken riser covers, install tee's, install filters, repair or replace pumps or aerators, repair leaking tanks, install or repair inspection ports, provide invoices for said repairs and collect payments for licensed companies only			
By signing below, I acknowledge that I personally conducted this evaluation & the information contained in this report is correct and true to the best of my knowledge.			
Evaluator's Name Printed Damon Hansel		Evaluator's Signature Damon Hansel	
Date 5/20/26			
The evaluating company and/or individual evaluator disclaims any warranty, either expressed or implied, arising from the evaluation of the wastewater system or this report.			
For systems that do not meet the evaluation criteria specified above (1, 2 or 3), appropriate action shall be taken by the property owner to assure that these systems are brought into compliance with The Liquid Waste Regulations 20.7.3 NMAC. See Below			
1	Immediate action is required by property owner to remedy hazard		
2	A permit modification, system repairs or permit amendment are required. If permit modification is required, an application must be submitted to NMED Field Office within 15 days of this evaluation. The system must be brought into compliance with current standards. For ATSs, a current sampling report must be submitted.		
3	No Action is required at this time. When system fails or it is modified, the system must be brought up to the standards of the regulations in effect at the time of system failure or modification. An advanced treatment system may be required.		
NMED ONLY LIQUID WASTE FEE (\$50)		Fee Paid:	Invoice #
Date Paid:		Payment Received By	
Return this completed report to the local NMED Field Office within 15 days of the evaluation.		NMED DATE STAMP for Date Received	
This form is valid for 180 days after the date the evaluation was conducted.			



New Mexico Environment Department
Environmental Health Bureau

On-site Liquid Waste System

Permit to Construct

Owner Name: McWilliams Living Trust
Installer Name: ASTC, Inc.
System Location: 31 Second Mesa Dr, Placitas, NM 87043
System Type: Conventional
Permit Number: LW-0018489

*The New Mexico Environment Department may cancel this permit for failure to meet any of the following:
failure to complete the system within one year, for providing inaccurate or incomplete information, or
failure to notify NMED to schedule an inspection within a minimum of 2 working days prior to inspection.*

The authority to issue this permit was delegated from the Cabinet Secretary to the Bureau Chief on June 23, 2025

Date Issued: June 18, 2026
Date of Expiration: June 18, 2027

Authorizing Official, NMED



Applicant Name:

McWilliam Living Trust

System Address (Street, City):

31 2nd Mesa Dr Pacitas

NMED LW Permit No.

LW-0018489

* See Guidance Policy

Item #

☐ Initial Inspection ☐ Re-inspection ☐ CAR ☒ Final Inspection ☐ Other:

In	Out	N/A	N/O	1.	Building Sewer to Septic Tank 504
/	/	/	/	1.1.	Correct size and material: 4" SCH 40, PVC Foam Core or ABS (UPC allows 3" from stub out to tank, inlet tee but must be 4" min) 502E
/	/	/	/	1.2.	Cleanouts: Required cleanouts present, Installed correctly, to grade, for each 100 feet or fraction thereof. Installed pursuant to NMPC 504B
/	/	/	/	1.3.	Bedding and Slope: Pipe properly bedded correct slope 2% min (1/4" per foot), or 1% min (1/8" per foot) where 2% impractical for 4" or larger pipe 504A
In	Out	N/A	N/O	2.	Septic Tank 501, 502
/	/	/	/	2.1.	Matches Application: the number, sizes and types of tanks matches the application Table 201.2,502C
/	/	/	/	2.2.	Setback- tanks meets all setback requirements including, structures, neighbor's wells, water courses, water bodies Table 302.1
/	/	/	/	2.3.	Tank Location: Located as per site plan Latitude: 35°20'11"N Longitude: 106°29'40" Elevation: 5370'
/	/	/	/	2.4.	Onsite Well Location: N/A Latitude: N/A Longitude: N/A Elevation: N/A
/	/	/	/	2.5.	Offsite Well Location: N/A Latitude: N/A Longitude: N/A Elevation: N/A
/	/	/	/	2.6.	Labeled: Concrete Tank is Certified and Correctly Labeled (have the manufacturer's name, New Mexico registration number, year of construction and tank capacity in gallons permanently displayed on the tank above the outlet pipe 501B-4
/	/	/	/	2.7.	Level, Orientation & Depth: Tank is level, correctly oriented and does not exceed maximum burial depth for this tank 501J-7,501B-2,501H
/	/	/	/	2.8.	Inlet/Outlet pipes: are sealed and watertight; correct size, material, poly-boot installed on outlet, 502E,* Guidance
/	/	/	/	2.9.	Inlet/Outlet Baffle or Tee: extends 4" above liquid level and 12" minimum below 502F
/	/	/	/	2.10.	Venting: Tank and fittings correctly vented (tank has 2" min back vent opening, 9' min air space above liquid, baffle wall vent area) 502G,502I
/	/	/	/	2.11.	Effluent filter: Installed with handle extending to within 6" of the top of the riser 502H
/	/	/	/	2.12.	Manholes: (2) correctly sized 20" min & located above inlet and outlet. Tanks over 12' long require a third manhole opening.502D
/	/	/	/	2.13.	Risers: at grade, secure lids (58# or fasteners), correct diameter (up to -3' cover /24"min diameter; over 3' cover / 30"min diameter) 501E,502D Tank Cover Depth: 32"
/	/	/	/	2.14.	Concrete Tank Coating: coated with proper material to 6" below water line OR Type V Concrete 501J-5
/	/	/	/	2.15.	Plastic Tank: Installed per Manufacturer's, instructions available on-site, marked with manufacturer's name, model number, code or date of manufacture, tank capacity in gallons, load capacity in psf, cover depth, inlet and outlet permanently displayed on the tank) 501I
/	/	/	/	2.16.	Water-tightness: test conducted and determined watertight 203D,501B-5
/	/	/	/	2.17.	Flotation Prevention: properly installed for tanks in high groundwater or floodplains 501B7 * Guidance
/	/	/	/	2.18.	Modification 202D (disposal area modification, tank within one tank size): Risers, filter w/ handle, I/O tees or baffles in place, REQUIRED
/	/	/	/	2.19.	Modification 202D (disposal area modification, tank within one tank size): Tank pumped: _____ gallons: REQUIRED
In	Out	N/A	N/O	3.	Pumps and Pump Tanks 503
/	/	/	/	3.1.	Type & Size: Pump size and type matches application; designed to pump sewage, or effluent, Single pump up to 1000gpd, dual alternating pumps over 1000gpd 807A-6; sized to meet their intended purpose 503D
/	/	/	/	3.2.	Water-tightness: test conducted on pump tank and determined to be watertight 203D,501B-5, 503A
/	/	/	/	3.3.	Concrete Pump Tanks: If concrete, coated to protect corrosion or Type V Concrete 501J-5,503A
/	/	/	/	3.4.	Accessible: Valves, motors, pumps, aerators etc. are accessible for inspection and repair; Access port minimum of 20" 503B
/	/	/	/	3.5.	Covers: shall have locking mechanism or if concrete, be min. 58 pounds 501E,503B
/	/	/	/	3.6.	Alarms: Equipped with both audible and visible alarms, or remote and visual alarms, for high water & pump failure; conspicuous location; contained in weather-proof structure; All alarm & control circuits are on a separate circuit from pumps 503C
/	/	/	/	3.7.	Siphoning/Freezing: Provisions made for the prevention of siphoning back to the pump tank and prevention of freezing 503D * Guidance
In	Out	N/A	N/O	4.	Distribution Box ☐ Tee ☐ Drop Box ☐ 701
/	/	/	/	4.1.	Installed on a level base in ☐ natural undisturbed or ☐ compacted soil or on a ☐ concrete footing 701H
/	/	/	/	4.2.	Distribution Box / Tee min 5' setback from disposal field Table 302.1
/	/	/	/	4.3.	Concrete D-Boxes: coated with bituminous coating or other approved method acceptable to the department 701H-1
/	/	/	/	4.4.	Connections between septic tank and distribution box SDR 35 or better pipe with watertight joints on natural ground or compacted fill or appropriate bedding material.701H-3
/	/	/	/	4.5.	Access Riser: provided to ground surface for each distribution box. 701H

LW 203 Onsite LW Inspection Form 220211



New Mexico Environmental Department
Environmental Health Bureau

On-site Liquid Waste System

Permit to Operate

Owner Name: McWilliams Living Trust
Installer Name: ASTC, Inc.
System Location: 31 Second Mesa Dr, Placitas, NM 87043
System Type: Conventional
Permit Number: LW-0018489

*The New Mexico Environmental Department may cancel this permit for failure to meet any of the following:
failure to complete the system within one year, for providing inaccurate or incomplete information, or
failure to notify NMED to schedule an inspection within a minimum of 2 working days prior to inspection.*

The authority to issue this permit was delegated from the Cabinet Secretary to the Bureau Chief on June 23, 2025

Date Issued: June 25, 2026
Date of Expiration:

Authorizing Official, NMED

Attachment D

L.W. PERMIT TRACKING FORM

PERMIT NO.

SITE ADDRESS:

DATE REC'D

1100018489
31 Second Mesa Dr
6/9/20

APPLICATION COMPLETE: Yes ☒ Date: 6/12/20 No ☐ Date: ____/____/____

Missing information: _____

Contractor/Homeowner:

Astc/McWilliams Living Trust

Permit to Construct - Granted ☒ - Denied ☐ Date: 6/12/20

Contractor/Homeowner Notified: Date: JUN 15 2020

Permit Fee Rec'd - \$ 205.00 Date: JUN 18 2020

Inspection Appointment Set For - Date: 6/24/20 Time: ____AM PM

Inspection Conducted - Date: 6/24/20 Time: ____AM PM

Final Inspection - Passed ☐ Did Not Pass ☐

Permit to Operate - Granted ☐ - Denied ☐ Date: 6/24/20

Permit Issued: Date: 6/25/20

Comments : _____

