

Ancell Environmental Consulting Services, LLC

July 5, 2025

New Mexico Oil Conservation Division (NMOCD) Attn: Leigh Barr, Administrative Permitting 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE: Annual Leak Detection Report – Evaporation Ponds
Reporting Period July 2022 - June 2023
T-N-T Environmental, Inc. (OGRID 22099)
Permit NM 1-008 (Evaporation Ponds and Landfarm)
SE/4 of Section 7 and SW/4 of Section 8 (3 evaporation ponds) and the SW/4 SE/4 and SE/4 NW/4 of Section 5 and NE/4 NW/4 of Section 8 (landfarm), Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico

Dear Ms. Barr,

On behalf of T-N-T Environmental, Inc. (TNT), Ancell Environmental Consulting Services, LLC (AECS) would like to present the delinquent monitoring records detailing the weekly and monthly inspections of the leak detection systems in place for each pond to demonstrate compliance with the NM1-8 Conditions listed below. Based upon the existing permit conditions of Permit NM1-008 and the transitional provision of 19.15.36.20.A NMAC, TNT is required to inspect the leak detection sumps at Pond One (1) and Pond Three (3) on a weekly basis and the monitoring wells surrounding Pond Two (2) monthly. If fluid is present in the leak detection system, the fluids in the pond and the leak detection system must be analyzed for total dissolved solids (TDS) to determine if there are any leaks. The purpose of this Annual Leak Detection Report is to fulfill the requirements outlined in Conditions 2 and 4 of the Reporting and Record Keeping Section listed in permit NM1-008.

# Leak Detection Sump and Monitor Well Results

### Pond 1

The leak detection sump water level was recorded as 1 to 2 inches. The weekly inspection records are attached.

180 E. 12<sup>th</sup> St. Durango CO. 81301 tancellenviroco@gmail.com



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### Pond 2

The water levels in the monitoring wells surrounding the pond were recorded as dry. The monthly monitor well records are attached.

### Pond 3

The leak detection sump water level was measured as zero (0) inches. The weekly inspection records are attached.

### Discussion

Pond 1 reported water levels ranging from 1-inch to 2-inches over the duration of the monitoring period. A small accumulation of liquid in the bottom of the pipe is typical of the detection system due to condensation between the two liners of the active pond. As such, no water is detected in the Leak Detection Sump that would indicate a leak in Pond 1.

Pond #2 and Pond #3 have not received any waste for over 5 years. Currently, TNT is in the process of evaluating permanently closing Pond #2. As for Pond #3, efforts to repair a leak detected in 2017 are in the planning phase. TNT has continued to monitor the leak detection systems for these two ponds and neither have recorded any liquid present in the monitoring wells or leak detection sump. Therefore, no leak has been detected in either system.

If you should have any questions or comments regarding this Annual Report for the 2023-2024 monitoring period, please feel free to contact AECS at (970) 946-9869.

Sincerely,

Emilee Skyles

Emilee Skyles Project Manager

> NM1-8 Evaporation Pond Monitoring Annual Report 2022-2023 Page 2



Ancell Environmental Consulting Services, LLC

### **FIGURES**

Figure 1. Site Location Map

Figure 2. Topographic Map

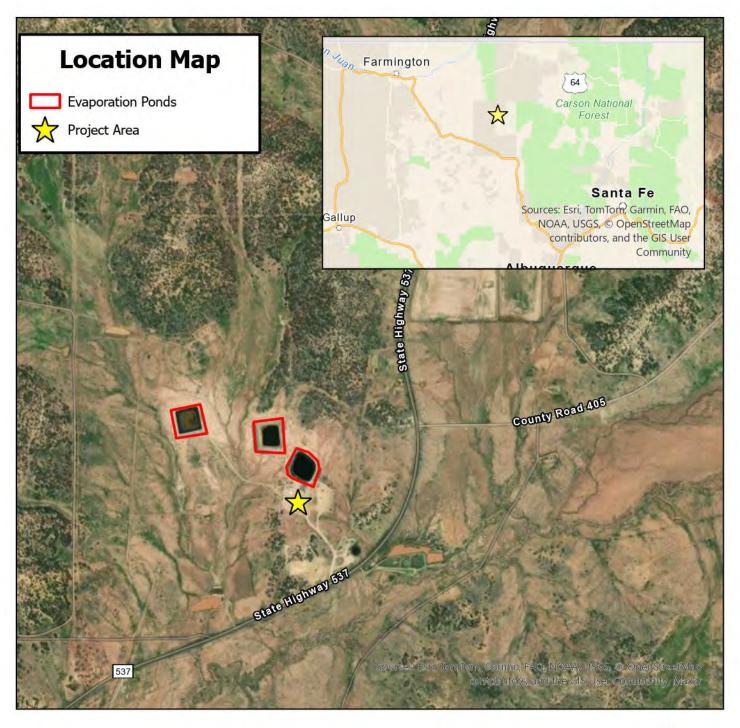
### **ATTACHMENTS**

Weekly Report on Leak Detection Sumps, Pond One and Pond Three Monthly Monitor Well Report Records

### Limitations

Ancell Environmental Consulting Services has prepared this report to the best of its ability. No other warranty, expressed or implied, is made or intended. AECS has reviewed and relied upon documents referenced in this report and on oral statements made by individuals. AECS has not conducted an independent examination of the facts contained in the referenced materials and statements. AECS has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate.

NM1-8 Evaporation Pond Monitoring Annual Report 2022-2023 Page 3







Ancell Environmental

Consulting Services



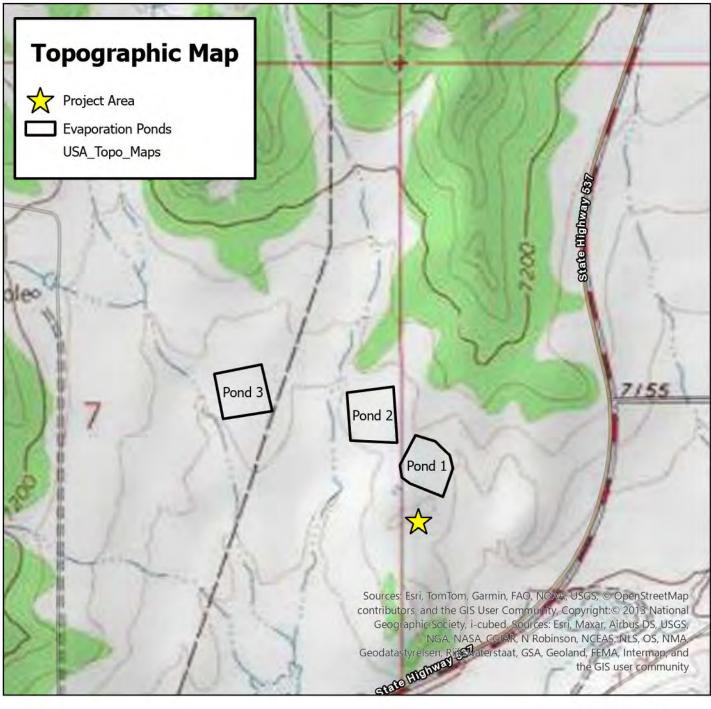
# TNT Environmental, Inc

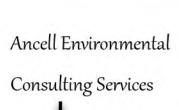
Permit NM1-008 **Evaporation Ponds and Landfarm** Facility ID: fEEM0112335451

SE/4 of Section 7 and SW/4 of Section 8 (Evaporation Ponds) and SW/4 SE/4 and SE/4 NW/4 of Section 5 and NE/4 NW/4 of Section 8 (Landfarm)
Township 25 North, Range 3 West, Rio Arriba County, New Mexico

Fig

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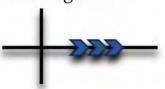




500

1,000

2,000



# TNT Environmental, Inc

4,000

3,000

Permit NM1-008 Evaporation Ponds and Landfarm Facility ID: fEEM0112335451

SW/4 SE/4 and SE/4 NW/4 of Section 5 and NE/4 NW/4 of Section 8 Township 25 North, Range 3 West, Rio Arriba County, New Mexico



Fig 2

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6-3-22		0.00
6-6-22	2"	0 "
6-7.22		04
6-8-22	14	0"
6-9.22	14	5-W
6-10-22	(4	0 4
6-13-22	214	0"
5-14-22	1"	0"
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8/5/22 1" 0"
8/8/22 2" 04
8/9/22 14 04
8/16/27 14 04
8/11/22 14 09
8/12/27 167 04
8/19/22 7. 11 /11
8/16/27/14 04

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8-18-22		Dry
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8-27-7-8	Z"	0
8-23-22		0
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8-25-22		0 "
8-26-22	ر در	0
2-24-27	2"	104
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8-31-2I	. ( 4	0
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9-5-22	2."	0
9-6-22	1.4	0
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9-26-22 2	i 4	0

	Pit#1	Pit # 3
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9-29	1"	0
9-30	14	0
10-3	211	0"
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10-5	14	0
10-6	16	0
10-7	14	0
10-10	7.11	0
10-11	14	0
10-12	(4	0
10-13	الا	0
10-14	( le	0
10-17	214	0
10-13	(14	٥
10-19	L &C	0
10-20	l Ce	0
10-21	1 "	0
10-24	24	0
10-25	110	0
10-26	14	ð
10-27	("	0
10-28	1 le	0
10-31	211	0
1(-1	14	0"
11-2	100	0
11-3	110	0

# T-n-T weekly Reports On Leak Detection Sumps Year 2022 - 20-23

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	Pit # 1	Pit#3
Oute	Vieter Level	Water Level
11/-4	1"	0
11-7	211	0
11-8	110	0
11-9	lle	0
11-10	14	0
11-11	111	0
11-14	2"	0
11-15	18	0
11-16	114	0
11-17	(()	0
11-18	110	0
11-21	211	0
11-22	110	0
11-23	l la	0
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85-11	211	0
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	Pit # 1	Pit#3
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12-20	14	0
12-21	14	0
12-22	14	0 0 0 0
12-23	- [4	0
12-26	2"	0
12-27	1 "	0
12-28	1"	0
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12-30	14	0
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1-5	14	0
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1-9	2 <sup>U</sup>	0
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1-10	16	0
1-12	111	0
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1-17	2"	0
1-18	1 <sup>(c</sup>	0
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1-16 1-17 1-18 1-19 1-20 1-23	2"	0
1-23	2 "	0

		rear
	Pit # 1	Pit#3
Date	Water Level	Water Land
1-24-2	3 1"	0
1-25	14	0
1-26	14	0
1-27	14	0
1-30	2"	0
1-31	1 4	0
2-1-23	14	0
	14	0
2-2	14	0
2-6	2"	0
2-6	14	0
12- Q	14	0
2-9	14	0
2-16	14	0
2-13	2"	0
1-14	14	0
2-15	14	0
2-16	1 4	0
2-17.	16	0
2-20	211	0
2-71	į li	O
2-22	14	0
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2-27	2"	0
2-28	16	0
3-1	1".	0
7_7	14	0

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Date	Water Level	Mafer Level
3-3	111	0
3-6	711	0
3-7	111	0
3-7 3-8 3-9 3-10	14	0 0
3-9	l lk	0
3-10	110	0
3-13	2"	0
3-13	14	0
3-15	14	0
3-15	14	0
3-17	14	0
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3-28	14	0
3-24	("	0
3-30	14	0
3-31	14	0
4-3	2"	0
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4-5	14	0
4-6	1"	0
4-7	14	0 0 0 0
4-5 4-6 4-7 4-10	2"	0
4-11	( ((	0

	Pit # 1	Pit#3
Date	Water Level	Water Lovel
4-12	100	00
4-12	14	04
4-14	1 "	00
4-17	2 ((	0 Cs
4-18	16	0
4-19	14	0
4-20	14	0
4-21	(10	0
4-24	2"	0
4-25	(((	0
4-26	l ll	0
4-27	14	0
4-28	111	0
5-1	2"	0
5-1 5-2	l ll	0
5-3	14	0
5.0	Ill	0
5-5 5-8 5-9 5-10	= 14	0
5-8	2"	0
5-9	14	0
5-10	14	0
5-11	14	0
5-12	14	0
5-15	2"	0
5-16	111	0
5-17	1 " ( 2 " ( 1 " (	9
5-18	14.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
5-11 5-12 5-15 5-16 5-17 5-18 5-19	14 (	2

r	Pit#1	Pit # 3
Date	Water Level	Maier Level
5-22	2"	O''
5-23	10	0"
5-24	14	0"
5-25	111	
5-26	14	108
5-30	21/2"	0"
5-31	1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1	0"
6-1	14	04
6-2	رد	0 "
6-5	2"	0 "
6-6	14	0 "
6-7	į (C	0
6-8	100	0
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6-12	Z"	0
6-13	( "	0
6-14	(10	0
6-15	( c( ,	0
6-16	( <sup>((</sup>	0
6-19	2"	0
6-20	2"	0
6-21	1 (0	0
6-27	( ((	0
6-23	10	0
6-26	211	0
6-27	100	0
6-28	.1 c(	0
6-23 6-26 6-27 6-28 6-29	1 %	0

	Pit # 1	Pit#3
Oate_	Water Level	Water Lovel
6-30	14	de
7-3	711	0"
7-4	16	011
7-5	1"	0"
7-6	14	011
7-7	14	0"
17-10	2"	011
7-11	110	011
7-12	110	04
7-13	14	04
7-14	14	0
7-17	2"	0"
7-18	14	0"
7-19	(1)	0"
7-20	110	04
7-21	111	0"
7-24	7"	04
7-25	110	011
7-26	100	04
7-27	1 "	00
7-78	14	0"
7-31	7"	0"
8-1	1111	0"
8-2	1"	0"
8-3	111	0"
8-4	110	0"
8-71	211	011
<b>8-3</b> 8-4 8-7 8-8	i ((	011

Pit#1	Pit#3
Water Level	Water Level
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110	0
2"	04
16	011
16	0"
14	0 "
111	011
211	011
( "(	04
( ((	011
110	04
14	0"
211	011
14	09
111	0 "
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14	0 9
14	04
	0"
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1"	0"

## T-N-T Pit #2 Monthly Monitor Well Report

Year: 10-27 - 20-23

		MONTH	 	MONTH			MONTH			MONTH		
	1			<del></del>								
<u> </u>	10		Conduc		7 L V	Conduc	HUE	ust	Candina	Jep	<del>,</del>	
Pit #2 Site	DATE	Level	tivity	DATE	Water Level	Conduc tivity	DATE	Water Level	Conduc tivity	DATE	Water Level	Conductivity
Well #1	6/15	Dry		1/15	Dry		8/15	Dr./		9/15	Dry	
Well #2	6/15	Dt.A		1115	Del		-1	Dry		9/15	DIA	
Well #3	6115	Dry		7'05	Dry		_/	Dry		9/15	Dry	
Well #4	6/15	Dry		765	Des		_1	DEY		7/15	DOY	
Well #5	6/15	Dry		1/15	Dry		2/15	DOY		9/15	Dra	
Well #6	6/15	Dry		3/15	Dry		8/15	Dru		9/15	D/ 4	
Well #7	6/15	Dry		2 (15	- J		8/15	T), &		9/15-	Dey.	
Well #8	6/15	Dry		plis	DY		8/15	Dry		7/15	Ory	
Well #9	6/15	Dry		6/15	Dry	\$	3/15	716		9/15	Do x	
Well #10	6/15	Dry		115	Dry		8/15	D11	į.	9/15	N I C	
Well #11	6/15	Dry		215	Ory		8/15	DEX		1/15	) 6 Y	
Well #12	11	Dry		16/15	Dry		8/15	Doy	į.	1115	Dry	~~
Well #13	6/15	Dry		2/15	Dry		8/15	Dr		1/15	Dry	

		MONTH			MONTH			MONTH			MONTH		
	Oc.	tobe		1	Joy	emb	yer.	De	cem	bes	Tar	wac	7
Pit #2 Site	DATE	Water Level	Conduc tivity	D	ATE	Water Level	Conduc tivity	DATE	Water   Level	Conductivity	DATE	Water Level	Conduc tivity
Well #1	10/14	DN		Ý١	/15	Dry		13/12	0		1/16	0	
Well #2	16/14	Dry		v	15	Dry		12/15			6/16	0	
Well #3	10/14	Dry		ιί	115	DIY		12/15	0		1/16	0	
Well #4	10/14	Dry		u/	15	Dry		12/15	0		416	0	
Well #5	10/14	Dry		li	15	Dry		12/15			1/16	ð	
Well #6	10/14	Dry		ll	15	Dry		12/15	0		1/16	Λ	
Well #7	10/14	Dry		-		Dry		12/15	0		1/16	D	
Well #8	l. 1	Dry		ll	15	Dry		1415	DO		. ',	0	
Well #9	10/4	Drv			K	Dr4	şi	12/15	1			0	
Well #10	10/14	Uu Ou	,	ıl	15	DA		2/15	O		1/16	0	
Well #11	10/14	Dry		Ιĺ	7	DA		2/15	0		17	D	
Vell #12	10/14	Dea			7	DA		2/15	0		. / .	6	
Well #13	10/14	DEA		,	15	34		12/15	0		1/16	<u>y</u>	

# T-N-T Pit #2 Monthly Monitor Well Report

Year: 20-23

	MONTH			MONTH			MONTH			MONTH		
	feb	rury		Mar	ct(		Agr	îl		Mec	/	-
Pit #2 Site	DATE	Water   Level	Conduc tivity	DATE	Water Level	Conduc tivity	DATE	Water Level	Conduc tivity	DATE	Water Level	Conductivity
Well #1	2/15	Bry		3/15	Dry	,	114	DTY		5/10	<u>3</u>	
Well #2	2/15	Dr/		3/18	Dry		-1/14	Div		\$115	0	
Well #3	2/15	Dry		3/15	004		4/14	PIA	-	915	0	
Well #4	2/15	04		3/15	DOX		1/14	Dry		5/15	0	
Well #5	1/15	Dry		3/15	DEY		1/14	Drx		3/15	0	
Well #6	2/15	DM		3/15	064		1/14	DEY		5/15	Ô	
Well #7	2/15	Dry		3/15	Dry		1/14	Dre		5/15	0 .	
Well #8	2/15	מת		3/15	Dry	1	1/14	Dry		5/15	٥	
Well #9	i :	Dry		3/15	DIP	-	. 1 . 1	Dry		5/15	D	
Well #10	2/15	Drv	1	,	XX	¢	1.1	Dry	į	1/15	7)	
Well #11	2/15	DN	<	n /	Dry	C	. 1.	Dry		5/15	ð	
Well #12	2/15	Dry		3/15	Dry	k	1	Dry		5/15	0	
Well #13	21/5	Dry		3/15	DOY	Ĺ	1114	DCA		5/15	Ø	

		MONTH	1	MONTH			MONTH			MONTH		
	70	Ne		70	<del>`                                    </del>		Augu	5+	···-	Sel	fem!	ber
Pit #2 Site	DATE	Water Level	Conduc tivity	DATE	Water Level	Conduc tivity	DATE	Water Level	Conduc tivity	DATE		Conduc tivity
Well #1	6/15	Dry		4/H	Dry		8/15	0		9/15	Dev	
Well #2	6/15	DRY		B/14	_		8/15	0		9/15	Dev	
Well #3	6/15	Dry		7/14	Dry	1 1	8/15	0		9/15	nev	
Well #4	6/15	Dry		7/14	Dry		8115	0		9/15	Drv	
Well #5	6/13	DFY		7/14	Dry	-	8/15	0		9/15	<i>y</i> .	
Well #6	6/15	DOY		<b>PILL</b>	Dry		8/15	0		9/15	Da.	
Well #7	6/15	Dry		7/14	Dry		8115	$\mathcal{O}$		9/15	Drv	
Well #8	6/15-	Dry		7/14	7)ry		8/15	0		9/15-	Drv	
Well #9	6/15	Dry		7/4	Dsy		8/15	0		9/15	Div	
Well #10	6/15	Dry		7/14	Dry		8/15	0		9/15	Drx	
Well #11	6/15	) fy		1/14	Dry		8/15	0	4	1/15	Dry	
Well #12	6/15	DOJ		< /	Dry	1	8/15	0	(	1/15	Dry	
Well #13	1 - 18 July 1	ky		7/14	Dry	i	8/15	0	C	1/15-	DV1	

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 481858

#### **CONDITIONS**

Operator:	OGRID:
T-N-T ENVIRONMENTAL INC	22099
PO Box 2530	Action Number:
Farmington, NM 87499	481858
	Action Type:
	[C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

#### CONDITIONS

Create By		Condition Date
lbarr	Accepted for record.	11/7/2025