

September 7, 2023

Ms. Victoria Venegas New Mexico EMNRD Oil Conservation Division 811 S. First St. Artesia, New Mexico 88210

Re: Request for Permit Modification to Change Approved C-147 ASTs to Earthen Containments at Select Earthstone Facility (1RF-505)

Ms. Venegas,

Select Energy (OGRID #289068) would like to request permission to modify the permit issued for their Earthstone Facility (1RF-505). This is a request for Select to change the two (2) 60,000 BBL Above-Ground Storage Tanks (AST) to (2) 50,000 BBL earthen containments.

Enclosed in this submission are two (2) C-147s for the new containments, variance requests, engineering drawings, and a closure cost estimate that includes the earthen containments. These documents are all stamped by an engineer licensed in the State of New Mexico. A bond in the amount estimated will be filed accordingly.

Should you have any questions or require additional information, please contact me by phone at 580-234-8780 or by email at twilliams@envirotechconsulting.com at your convenience.

Thank you for your consideration. Best regards,

ENVIROTECH ENGINEERING & CONSULTING, INC.

Tyler Williams, P.E.

President and Principal Engineer

Tyl William

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September 22, 2023

Ms. Victoria Venegas New Mexico EMNRD Oil Conservation Division 811 S. First St. Artesia, New Mexico 88210

Re: Response to V. Venegas Email Received 9/21/2023 Regarding Permit Modification Request for Select Energy Earthstone Recycle Facility (1RF-505)

Ms. Venegas,

Select Energy (OGRID #289068) has requested a permit modification for their Earthstone Facility (1RF-505). Per request for clarification from V. Venegas of NM OCD Select agrees to the following conditions.

Select Energy Services will operate the Earthstone Recycle as originally permitted on 6/29/2023.

Select Energy Services will comply with all conditions previously approved for the Earthstone permit. No Changes to the operations procedures, maintenance, monitoring procedures, or closing procedures will be made aside from the requested modification. However, the total operational volume of 1RF-505 will be 2,344,529-BBL, 49,984-BBL per new, requested earthen containments, and 748,187-BBL per previously approved, earthen containments.

Should you have any questions or require additional information, please contact me by phone at 580-234-8780 or by email at mratke@envirotechconsulting.com at your convenience.

Thank you for your consideration. Best regards,

ENVIROTECH ENGINEERING & CONSULTING, INC.

Mitchell Ratke, EIT Project Engineer

1625 N. French Dr., Hobbs, NM 88240 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ Recycling Containment Closure Completion Date:_

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

Form C-147 Revised April 3, 2017 Received by OCD: 9/13/2023 3:07:34 PM

Recycling Facility and/or Recycling Containment
Type of Facility: X Recycling Facility X Recycling Containment* Type of action: X Permit Registration X Modification Extension Closure Other (explain)
* At the time C-147 is submitted to the division for a Recycling Containment, a copy shall be provided to the surface owner.
Be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: Select Energy Services (For multiple operators attach page with information) OGRID #: 289068 Address: 1233 West Loop South, Suite 1400 Houston TX 77027
Facility or well name (include API# if associated with a well): Earthstone Recycle Facility East Treatment Pit
OCD Permit Number: 1RF-505 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr SW/4 of NW/4 Section 28 Township 19 South Range 33 East County: Lea
Surface Owner: 🗌 Federal 🔲 State 🕱 Private 🔲 Tribal Trust or Indian Allotment
2.
Recycling Facility:
Location of recycling facility (if applicable): Latitude 32.632713° Longitude -103.674202° NAD83
Proposed Use: X Drilling* Completion* X Production* Plugging *
*The re-use of produced water may NOT be used until fresh water zones are cased and cemented
Other, requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on
groundwater or surface water.
☐ Fluid Storage .
☒ Above ground tanks ☒ Recycling containment ☐ Activity permitted under 19.15.17 NMAC explain type
Activity permitted under 19.15.36 NMAC explain type:
X For multiple or additional recycling containments, attach design and location information of each containment
Closure Report (required within 60 days of closure completion): Recycling Facility Closure Completion Date:
3.
Recycling Containment:
Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)
Center of Recycling Containment (if applicable): Latitude 32.633100 Longitude -103.672392 NAD83
For multiple or additional recycling containments, attach design and location information of each containment
X Lined ☐ Liner type: Thickness 60/40 mil ☐ LLDPE X HDPE ☐ PVC ☐ Other
☐ String-Reinforced 49.984 200 200 19
Liner Seams: Welded Factory Other Volume: 49,984 bbl Dimensions: L 200 x W 200 x D

Bonding:	
Covered under bonding pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC (These containments are limited to only the well	s owned or
operated by the owners of the containment.)	
Bonding in accordance with 19.15.34.15(A)(1). Amount of bond \$\(\frac{2,587,513.10}{\)}\) (work on these facilities cannot commence	until bonding
amounts are approved)	
Attach closure cost estimate and documentation on how the closure cost was calculated.	
5. Fencing:	
Four foot height, four strongs of harbod wire evenly spaced between one and four foot	
Alternate. Please specify 8-ft Tall Wire Mesh Game Fence	
6.	
Signs:	
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
☐ Signed in compliance with 19.15.16.8 NMAC	
7.	
<u>Variances</u> :	
Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, hur environment.	nan health, and the
Check the below box only if a variance is requested:	
Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requested variance information on a separate page and attach it to the C-147 as part of the application.	ed, include the
If a Variance is requested, it must be approved prior to implementation.	
s. Siting Criteria for Recycling Containment	
Instructions: The applicant must provide attachments that demonstrate compliance for each siting criteria below as part of the applicate examples of the siting attachment source material are provided below under each criteria.	ation. Potential
General siting	
Ground water is less than 50 feet below the bottom of the Recycling Containment.	Yes X No
NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	□ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	Yes 🗷 No
adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; written approval obtained from the municipality	□ NA
Within the area overlying a subsurface mine.	
- Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division	Yes X No
Within an unstable area.	
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map 	Yes X No
Within a 100-year floodplain. FEMA map	☐ Yes 🕱 No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa	Yes X No
lake (measured from the ordinary high-water mark). - Topographic map; visual inspection (certification) of the proposed site	103 🔀 110
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; aerial photo; satellite image	Yes 🛛 No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of	Yes X No
initial application NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site	
Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map: topographic map: visual inspection (certification) of the proposed site	Yes X No

 ☑ Design Plan - based upon the appropriate requirements. ☑ Operating and Maintenance Plan - based upon the appropriate requirem ☑ Closure Plan - based upon the appropriate requirements. ☑ Site Specific Groundwater Data - ☑ Siting Criteria Compliance Demonstrations - 	
Certify that notice of the C-147 (only) has been sent to the surface of	owner(s)
Operator Application Certification: I hereby certify that the information and attachments submitted with this appl	ication are true, accurate and complete to the best of my knowledge and belief.
Name (Print): Drew Smith Signature: Drew Smith	Title: Director of Projects
Signature: Drew Smith	Date: 09/08/2023
e-mail address: dasmith@selectwater.com	Telephone: 281-382-3078
OCD Representative Signature: Victoria Venegas	Approval Date: 09/22/2023
Title: Environmental Specialist	OCD Permit Number: 1RF-505
OCD Conditions	
x Additional OCD Conditions on Attachment	

Recycling Facility and/or Containment Checklist:
Instructions: Each of the following items must be attached to the application. Indicate, by a check mark in the box, that the documents are attached.

Type of Facility:

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

Form C-147 Revised April 3, 2017 Received by OCD: 9/13/2023 3:07:34 PM

Recycling Facility and/or Recycling Containment

X Recycling Containment*

Registration

Extension

X Recycling Facility

X Modification

Type of action: X Permit

parameter	····
Bonding: Covered under bonding pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC (These containments are limited to only the wells	s owned or
operated by the owners of the containment.)	s owned or
Bonding in accordance with 19.15.34.15(A)(1). Amount of bond \$	antil handing
amounts are approved)	antin bonding
X Attach closure cost estimate and documentation on how the closure cost was calculated.	
Fencing: Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify 8-ft Tall Wire Mesh Game Fence	
6.	
Signs:	
☑ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
☐ Signed in compliance with 19.15.16.8 NMAC	
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Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, hum environment.	nan health, and the
Check the below box only if a variance is requested: X Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requeste	ed, include the
variance information on a separate page and attach it to the C-147 as part of the application.	
If a Variance is requested, it must be approved prior to implementation.	
8.	
Siting Criteria for Recycling Containment	
Instructions: The applicant must provide attachments that demonstrate compliance for each siting criteria below as part of the applica examples of the siting attachment source material are provided below under each criteria.	ntion. Potential
General siting	
Ground water is less than 50 feet below the bottom of the Recycling Containment. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes 🛛 No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	Yes 🔀 No
adopted pursuant to NMSA 1978, Section 3-27-3, as amended Written confirmation or verification from the municipality; written approval obtained from the municipality	□ NA
Within the area overlying a subsurface mine.	
- Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division	Yes X No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map	Yes X No
Within a 100-year floodplain. FEMA map	☐ Yes 🛛 No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa	— — — □ Yes 🏿 No
lake (measured from the ordinary high-water mark). - Topographic map; visual inspection (certification) of the proposed site	LI TES KI NO
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; aerial photo; satellite image	☐ Yes 🗓 No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of	Yes 🛛 No
initial application. - NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site	
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site	Yes X No

Title: ___Environmental Specialist

Additional OCD Conditions on Attachment

X OCD Conditions

Recycling Facility and/or Containment Checklist: Instructions: Each of the following items must be attached to the application. Indicate, by a check mark in the box, that the documents are attached. Design Plan - based upon the appropriate requirements.
 Operating and Maintenance Plan - based upon the appropriate requirements.
 Closure Plan - based upon the appropriate requirements. Site Specific Groundwater Data -Siting Criteria Compliance Demonstrations -X Certify that notice of the C-147 (only) has been sent to the surface owner(s) **Operator Application Certification:** I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief. **Drew Smith** Director of Projects Name (Print): Title: Drew Smith 09/08/2023 Signature: Date: dasmith@selectwater.com 281-382-3078 e-mail address: Telephone: 09/22/2023 Victoria Venegas Approval Date: OCD Representative Signature:

1RF-505

OCD Permit Number:

September 6, 2023

Received by OCD: 9/13/2023 3:07:34 PM

Ms. Victoria Venegas New Mexico EMNRD Oil Conservation Division

RE: Rule 34 Variance Request – Produced Water Impoundment Bird Netting

Ms. Venegas:

Select Energy is requesting a variance to Rule 34-Part 12(E) Netting to ensure the recycling facility is protected from wildlife. Based on our experience from previous projects, we believe audible bird deterrents provide equal or better protection when compared to netting. In addition, they require less inspection, maintenance, and repair over the life of the facility.

Select is proposing to use the "Bird-X Mega Blaster Pro" system. This system will replace the netting required by the current rule and submitted with the original permit application. It should be noted that this variance has been granted on previous sites.

Should you have any questions or require additional information, please contact me by phone at 580-234-8780 or by email at twilliams@envirotechconsulting.com at your convenience.

Thank you for your consideration. Best regards,

ENVIROTECH ENGINEERING & CONSULTING, INC.

Tyler Williams, P.E.

President and Principal Engineer

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SSIONAL



September 6, 2023

Ms. Victoria Venegas New Mexico EMNRD Oil Conservation Division

Rule 34 Variance Request - Produced Water Recycling Containment Secondary Liner RE:

Ms. Venegas:

Select Energy is requesting a variance to Rule 34 Part 12(A)(4) requiring secondary liners to be 30-mil string reinforced LLDPE. Select is requesting approval to use 40-mil HDPE in place of the specified material in the proposed Recycle Containments. Based on our experience, we feel that the requested material will allow us to provide equal environmental protection in our impoundments.

Due to the construction of the 30-mil reinforced LLDPE material, nondestructive QA/QC testing cannot be performed. The proposed 40-mil HDPE will be seamed in a manner that will allow nondestructive pressure testing of the seams to ensure proper sealing.

The proposed HDPE is appropriate material for the proposed use in the impoundment and is compatible with the material that will be stored. This material will provide equal or better environmental protection as the specified 30-mil reinforced LLDPE.

The proposed liner system cross-section for the earthen containment is as follows: prepare subgrade, 10 oz. geotextile, 40-mil HDPE, 200-mil geonet, 60-mil HDPE. This will replace the cross-section required by the current rule. It should also be noted that this variance has been granted on past sites.

Should you have any questions or require additional information, please contact me by phone at 580-234-8780 or by email at twilliams@envirotechconsulting.com at your convenience.

Thank you for your consideration.

Best regards,

ENVIROTECH ENGINEERING & CONSULTING, INC.

Tyler Williams, P.E.

President and Principal Engineer

Lyt William

ESSIONAL

EARTHSTONE RECYCLE SELECT ENERGY

SECTION 28, TOWNSHIP 19 SOUTH, RANGE 33 EAST

32° 37′ 58.1124″, -103° 40′ 26.7594″ 32.632809°, -103.674100°



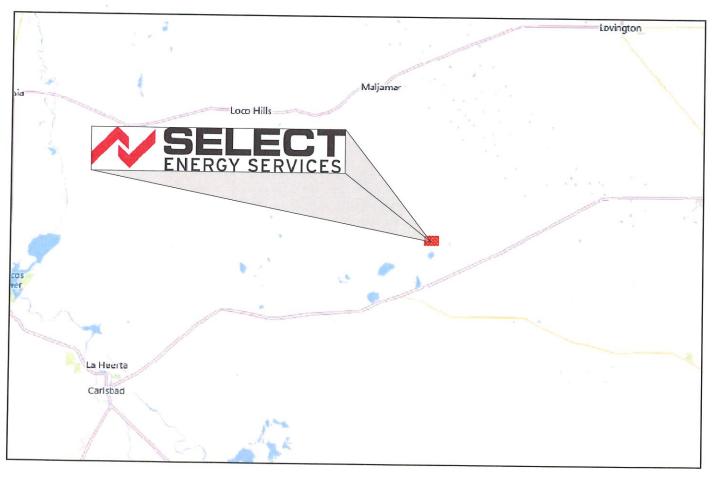
CONTACTS

JOHN MCGILLIS - SELECT ENERGY SERVICES - (713) 806-0488

ENVIROTECH ENGINEERING & CONSULTING - MITCHELL RATKE, EIT (580)-234-8780 (DESIGN ENGINEER)

ENVIROTECH ENGINEERING & CONSULTING - TYLER WILLIAMS, PE (580)-234-8780 (SUPERVISING ENGINEER)

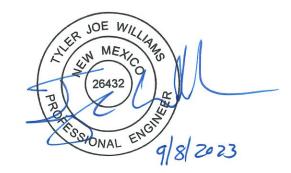




INDEX TO DRAWINGS 11X17

SHEET NO. DESCRIPTION

1. COVER SHEET
2. PROJECT LOCATION
3. SITE PLAN
4. PIT CAPACITIES
5. RUB SHEET PLAN
6. CROSS SECTIONS
7. CROSS SECTIONS
8. SUMP DETAILS
9. LINER DETAILS





2500 N. Eleventh Street Enid, OK 73701 • 580.234.8780 • envirotechconsulting.com License #26432 - Expiration Data: 12-31-2024

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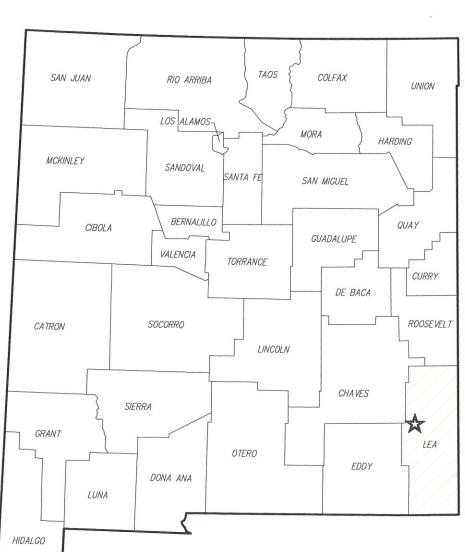
DATE: SEPTEMBER 2023 SCALE: NOT TO SCALE DESIGNED BY: M. RATKE M. RATKE DRAWN BY: CHECKED BY: T. WILLIAMS

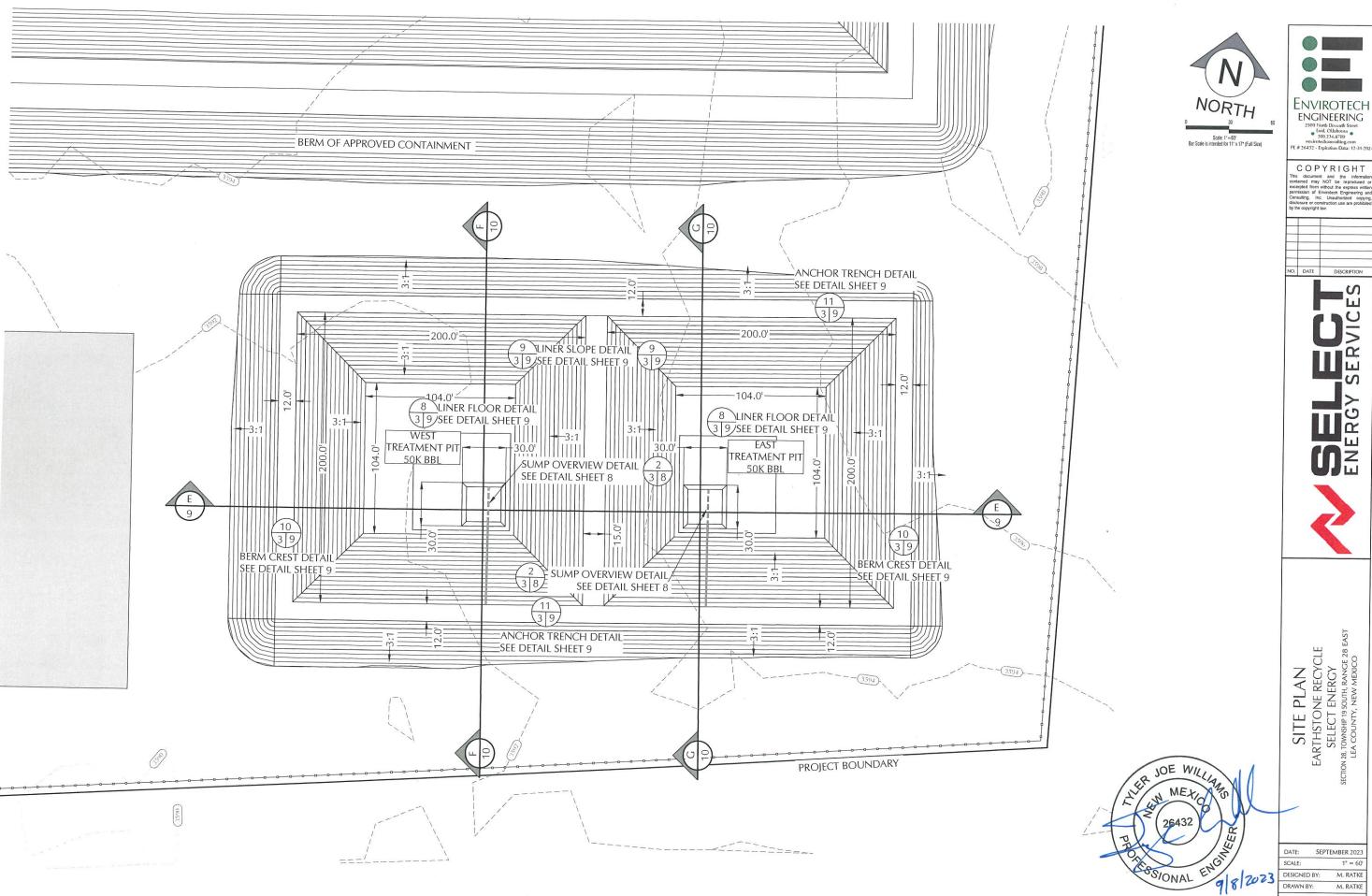
2 of 9

PROJECT NO.

Page 12 of 22







ERVICI

DATE: SEPTEMBER 2023 1" = 60 M. RATKE M. RATKE CHECKED BY: T. WILLIAMS

SHEET NO.

PROJECT NO. 3 of 9

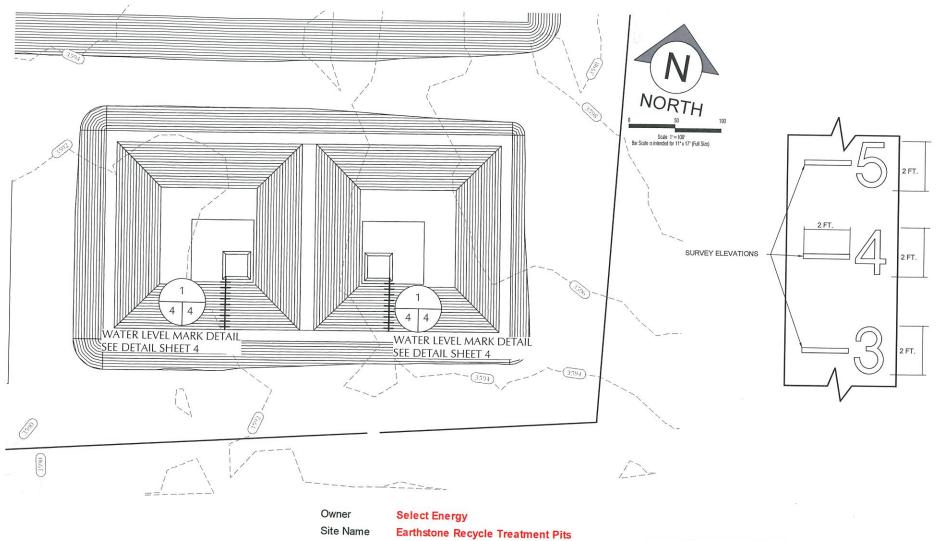
Page 13 of 22

2500 North Eleventh Street Luid, Oklahoma 590,234,8780 envirotech consulting.com # 26432 - Expiration Data: 12-31-20

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ERVICE



1. LEVEL MARKS TO BE LOCATED BY SURVEYOR.

2. MARKS TO BE MADE BY AN EXTRUSION WELDER USING BLACK FILAMENT (OR WHITE FILAMENT ON BLACK LINER).

3. MARKS SHOULD BEGIN AT THE TOP OF BERM AND CONTINUE TO THE BOTTOM OF THE SUMP. (TOP OF BERM SHOULD READ 19-FT, BOTTOM OF SUMP +1-FT SHOULD READ 1-FT)

BOTTOM OF SUMP 4. REFERENCE PIT CAPACITY TABLES FOR ACCURATE ELEVATIONS

WATER LEVEL MARKS Not to Scale



PIT CAPCITIES
EARTHSTONE RECYCLE
SELECT ENERGY
SECTION 28, TOWNSHIP 19 SOUTH, RANGE 28 EAST
LEA COUNTY, NEW MEXICO

DATE:	SEPTEMBER 2023
SCALE:	1" = 100'
DESIGNED BY	r: M. RATKE
DRAWN BY:	M. RATKE
CHECKED BY	T. WILLIAMS
ROJECT NO.	023241-00
LIEET NO	

SONAL ENGIN

	Top FB	Bottom	Max
igoon Features			Liq. Level
Side slope Ratio	3		3
Maximum Depth (ft)	19.0		16.0
agoon Top Width (ft)	200	104	182
agoon Top Length (ft)	200	104	182
Maximum Total Vol (ft3)	390,191		280,620
Maximum Total Vol (bbls)	69,491		49,984

Elevation	Lagoon Liq Depth ft	Storage ft	Remaining Stor Vol ft3	Gallons Storage gal	BBLS Storage bbls	Percent of Total Volume %	Vol in lagoon ft ³	Gallons Storage gal	Vol in Lagoon bbls	Vol in Lagoor
3602.0	19.0	0.0	-			0.0%	390,191	2,919,017	69,500	8.96
3601.0	18.0	1.0	81	390	9	0.0%	351.363	2,628,546	62.584	8.07
3600.0	17.0	2.0	2,114	10,169	242	0.5%	314.863	2,355,492	56,083	7.23
3599.0	16.0	3.0	12,488	60,067	1,430	3.2%	280,620	2,099,318	49,984	6.44
3598.0	15.0	4.0	30,315	145,813	3,472	7.8%	248,561	1,859,484	44,273	5.71
3597.0	14.0	5.0	50,195	241,439	5,749	12.9%	218,615	1,635,456	38,939	5.02
3596.0	13.0	6.0	72,241	347,480	8,273	18.5%	190,708	1,426,690	33,969	4.38
3595.0	12.0	7.0	96,565	464,478	11,059	24.7%	164,771	1,232,649	29,349	3.78
3594.0	11.0	8.0	123,278	592,969	14,118	31.6%	140,729	1,052,795	25,067	3.76
3593.0	10.0	9.0	123,278	592,969	14,118	31.6%	118,512	886,590	21,109	2.72
3592.0	9.0	10.0	184,322	886,590	21,109	47.2%	98,048	733,494	17,464	
3591.0	8.0	11.0	218,876	1,052,795	25,067	56.1%	79,263	592,969		2.25
3590.0	7.0	12.0	256,268	1,232,649	29,349	65.7%	62,088	464,478	14,118	1.82
3589.0	6.0	13.0	296,609	1,426,690	33,969	76.0%	46,448	347,480	11,059	1.43
3588.0	5.0	14.0	340,012	1,635,456	38,939	87.1%	32,274	241,439	8,273	1.07
3587.0	4.0	15.0	386,587	1,859,484	44,273	99.1%	19,491		5,749	0.74
3586.0	3.0	16.0	436,449	2,099,318	49,984	111.9%	8.029	145,813	3,472	0.45
3585.0	2.0	17.0	489,707	2,355,492	56,083	125.5%		60,067	1,430	0.18
3584.0	1.0	18.0	546,475	2,628,546	62,584	140.1%	1,359	10,169	242	0.03
3583.0	0.0	19.0	606,864	2,919,017	69 500	155.5%	52	390	9	0.00

Maximum Volume Storage Volume



Received by OCD: 9/13/2023 3:07:34 PM

RUB SHEET PLAN
EARTHSTONE RECYCLE
SELECT ENERGY
SECTION 28, TOWNSHIP 19 SOUTH, RANGE 28 EAST
LEA COUNTY, NEW MEXICO

DATE: SEPTEMBER 2023 SCALE: 1" = 60 DESIGNED BY: M. RATKE DRAWN BY: M. RATKE CHECKED BY: T. WILLIAMS

OS/ONAL ENGIN

023241-00

Page 15 of 22

5 of 9

Scale: 1'=60' Bar Scale is intended for 11' x 17" (Full Size) ∠84.0' 3594)-__ 60 MIL HDPE PROTECTIVE RUB SHEET WHITE OR BLACK TEXTURED LINER INSTALLED PER DETAIL SHEET 8 7 5 8 60 MIL HDPE PROTECTIVE RUB SHEET WHITE OR BLACK TEXTURED LINER INSTALLED PER DETAIL SHEET 8

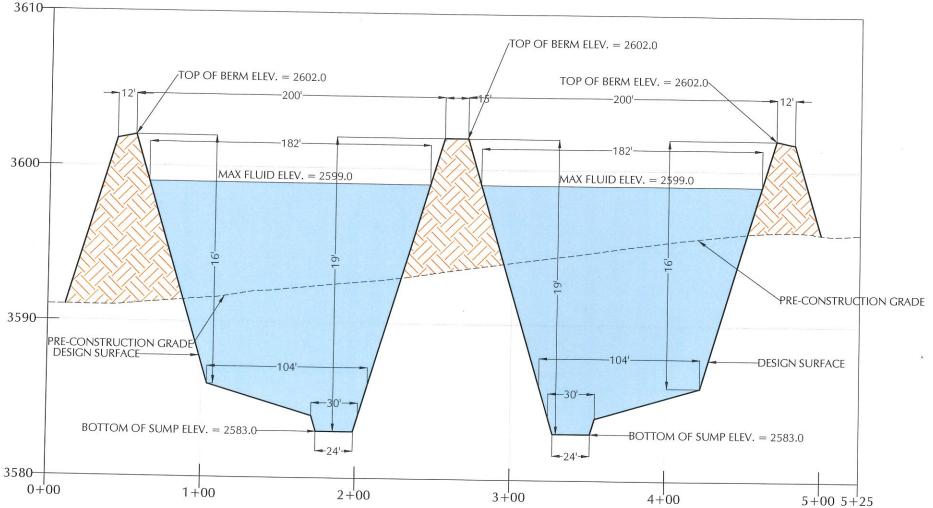
CROSS SECTIONS
EARTHSTONE RECYCLE
SELECT ENERCY
SECTION 28, TOWNSHIP 19 SOUTH, RANGE 28 EAST
LEA COUNTY, NEW MEXICO

DATE: SEPTEMBER 2023

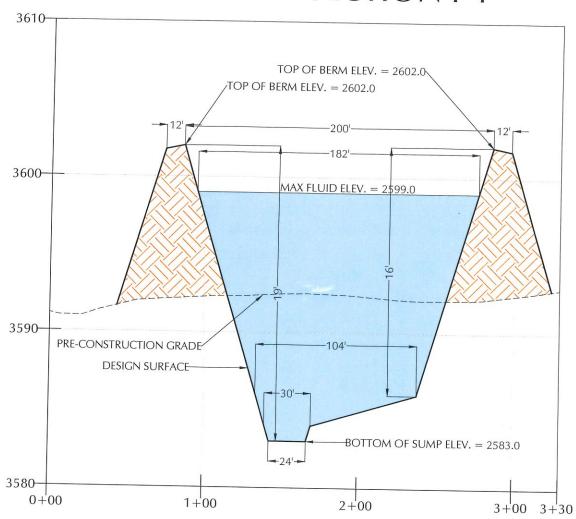
SCALE: VERTICAL 1" = 6'
HORIZONTAL 1" = 60'
DESIGNED BY: M. RATKE DRAWN BY: CHECKED BY: T. WILLIAMS

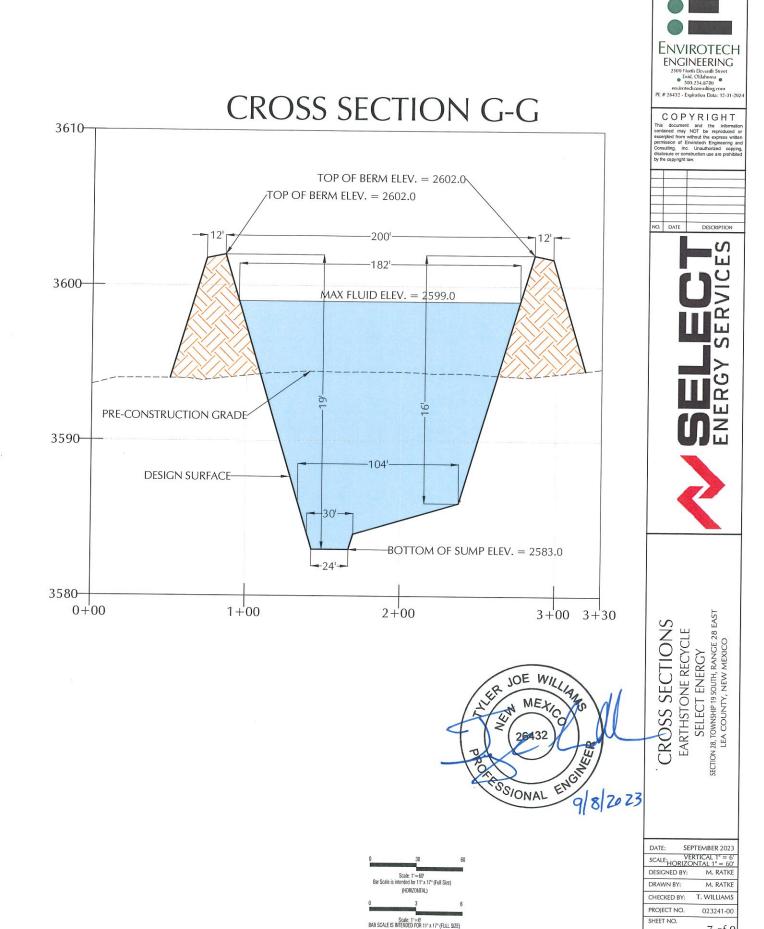
PROJECT NO. 6 of 9

CROSS SECTION E-E



CROSS SECTION F-F





Envirotech

ENGINEERING

Enid, Oklahoma

Enid, Oklahoma

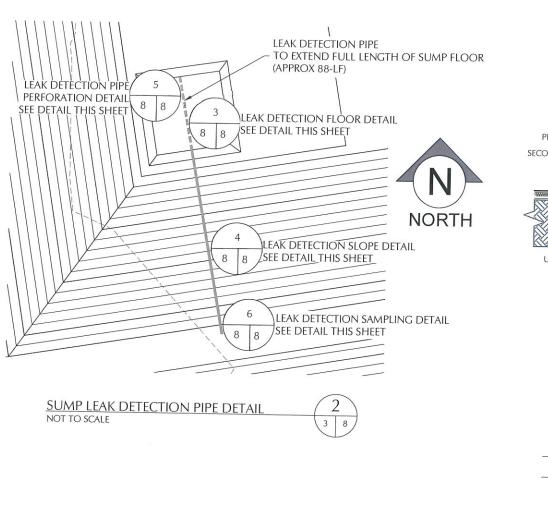
580.234.8780

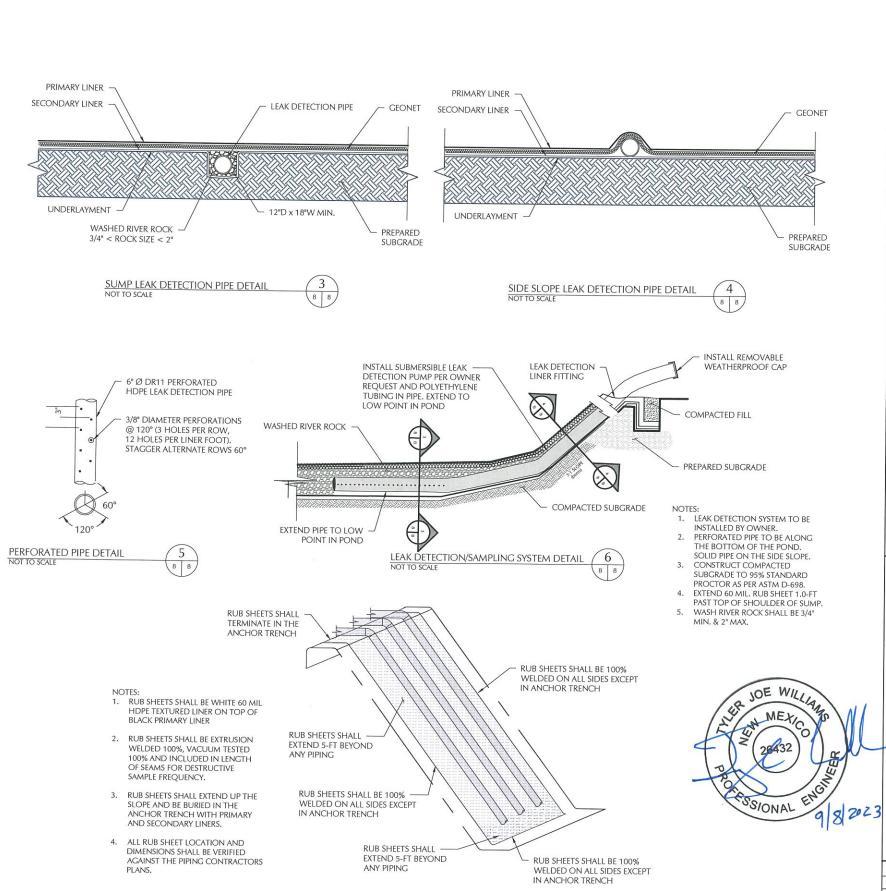
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SUMP DETAILS
EARTHSTONE RECYCLE
SELECT ENERGY
TION 28, TOWNSHIP 19 SOUTH, RANGE 28 EA
LEA COUNTY, NEW MEXICO

DATE: SEPTEMBER 2023 SCALE: NOT TO SCALE DESIGNED BY: M. RATKE DRAWN BY: M. RATKE CHECKED BY: T. WILLIAMS PROJECT NO. 023241-00

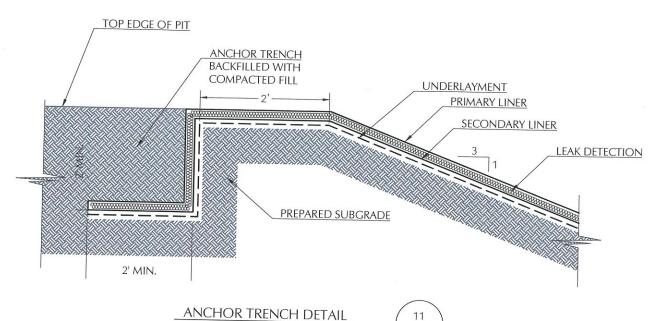
SHEET NO. 8 of 9





RUB SHEET DETAIL

NOT TO SCALE



NOT TO SCALE

PROPOSED PIT REFERENCE TABLE

DETAIL	DESCRIPTION			
PRIMARY LINER	60-MIL HDPE SMOOTH LINER/TEXTURED RUB SHEETS			
LEAK DETECTION	200-MIL GEONET			
SECONDARY LINER	40-MIL HDPE SMOOTH LINER			
UNDERLAYMENT	10OZ GEOTEXTILE			
SUMP	30'x30'x1', BOTTOM ELEVATION 3583.0			
BERM (ROAD CREST)	12' WIDE, TOP OF BERM ELEVATION 3602.0			
LEAK DETECTION PIPING	6-IN SDR11. PIPE PERFORATED ON FLOOR, SOLID ON SLOPES			







EARTHSTONE RECYCLE
SELECT ENERGY
TION 28, TOWNSHIP 19 SOUTH, RANCE 28 EAST
LEA COUNTY, NEW MEXICO

SSIONAL ENG

DATE: S	SEPTEMBER 202:
SCALE:	NOT TO SCALE
DESIGNED BY	: M. RATKI
DRAWN BY:	M. RATKI
CHECKED BY:	T. WILLIAMS
PROJECT NO.	023241-00
SHEET NO.	

Select Energy Services Earthstone Recycle Facility Closure Cost Estimate

				Г		Г	
	ltem	Units	Quanity	\$/Unit		Estimate Cost	
	Facility Closure						
1	Fluid removal						
	Earthstone Storage Pits (748K bbls Each)	bbls	2,244,561	\$	0.50	\$	1,122,280.50
	Earthstone Treatment Pits (50K bbls Each)	bbls	99,968	\$	0.50	\$	49,984.00
2	Vac truck (final fluid removal)	hrs	24	\$	125.00	\$	3,000.00
3	Liner removal (fold-in-place)						
	Covers removal and disposal	SF	4,911,270	\$	0.18	\$	884,028.60
4	Equipment removal						
	Pit clean-out and residue haul-off	LS	1	\$	10,000.00	\$	10,000.00
	Equipment removal (tanks, gun barrel, FWKO)	LS	1	\$	7,500.00	\$	7,500.00
	Electrical decomissioning (pumps and panels)	LS	1	\$	2,500.00	\$	2,500.00
	Misc equipment clean-up and removal	hr	120	\$	125.00	\$	15,000.00
5	Site Restoration						
	Dozer - push in berms (bid)	CY	216,720	\$	2.25	\$	487,620.00
	and final grading of the site Re-vegetation	ea	1	\$	5,600.00	\$	5,600.00
	ne vegetation	Ca	1	Y	5,000.00	Y	3,000.00

Estimated Total

\$ 2,587,513.10

Assumptions

No Remediation will be necessary
Pit is full at time of closure

Pit berms above natural grade will be used to fill voids below natural grade

MEXICO ME

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD

Sent: Friday, September 22, 2023 2:28 PM **To:** Drew A. Smith; Mitchell Ratke

Subject: 1RF-505 - EARTHSTONE RECYCLE FACILITY ID [fVV2317950307]

Attachments: C-147 1RF-505 - EARTHSTONE RECYCLE FACILITY ID [fVV2317950307] Modification.pdf

1RF-505 - EARTHSTONE RECYCLE FACILITY ID [fVV2317950307]

Mr. Smith,

NMOCD has reviewed the permit modification request and related documents, submitted by [289068] SELECT ENERGY SERVICES, LLC on 09/13/2023 for 1RF-505 - EARTHSTONE RECYCLE FACILITY ID [fVV2317950307] in Unit Letter E, Section 28, Township 19S, Range 33E, Lea County, New Mexico. This modification request has been approved with the following conditions of approval:

The following variances have been approved:

- The variance from 19.15.34.13.E NMAC for the installation of an audible "Bird-X Mega Blaster Pro" bird deterrence system is approved.
- The variance to 19.15.34.12.A.(4) NMAC for the installation on the AST containment of a 40-mil non-reinforced LLDPE secondary liner is approved. The proposed liner system cross-section for the earthen containment is as follows: prepare subgrade, 10 oz. geotextile, 40-mil HDPE secondary liner, 200-mil geonet, 60-mil HDPE primary liner.

[289068] SELECT ENERGY SERVICES, LLC will operate 1RF-505 - EARTHSTONE RECYCLE FACILITY ID [fVV2317950307] as originally permitted on 6/29/2023.

[289068] SELECT ENERGY SERVICES, LLC will comply with all conditions previously approved for the 1RF-505 - EARTHSTONE RECYCLE FACILITY ID [fVV2317950307] permit.

No Changes to the operations procedures, maintenance, monitoring procedures, or closure procedures will be made aside from the requested modification. The total operational volume of 1RF-505 will be 2,344,529-BBL; 49,984-BBL per new, requested earthen containments, and 748,187-BBL per previously approved, earthen containments.

Please let me know if you have any additional questions, Regards,

Victoria Venegas • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. Artesia, NM 88210
(575) 909-0269 | Victoria.Venegas@emnrd.nm.gov

https://www.emnrd.nm.gov/ocd/



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 265102

CONDITIONS

Operator:	OGRID:
SELECT ENERGY SERVICES, LLC	289068
PO Box 1715	Action Number:
Gainesville, TX 76240	265102
	Action Type:
	[C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	This modification request has been approved with the following conditions of approval: [289068] SELECT ENERGY SERVICES, LLC will operate 1RF-505 - EARTHSTONE RECYCLE FACILITY ID [fvV2317950307] as originally permitted on 6/29/2023. [289068] SELECT ENERGY SERVICES, LLC will comply with all conditions previously approved for the 1RF-505 - EARTHSTONE RECYCLE FACILITY ID [fvV2317950307] permit. No Changes to the operations procedures, maintenance, monitoring procedures, or closure procedures will be made aside from the requested modification. The total operational volume of 1RF-505 will be 2,344,529-BBL; 49,984-BBL per new, requested earthen containments, and 748,187-BBL per previously approved, earthen containments.	9/22/2023