

State of New Mexico
Energy Minerals and Natural Resources
Department Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
<https://www.emnrd.nm.gov/ocd/ocd-e-permitting/>

Form C-147
Revised October 11, 2022

Recycling Facility and/or Recycling Containment

Type of Facility: ☒ Recycling Facility ☐ Recycling Containment*
Type of action: ☐ Permit ☐ Registration
☐ Modification ☒ Extension
☐ Closure ☒ Other (explain) extension of cessation of operation
request from December 2024 through May 2025

* 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.

1.

Operator: Solaris Water Midsteam, LLC (For multiple operators attach page with information) OGRID #: 371643
Address: 9651 Katy Fwy, Suite 400, Houston Texas 77024
Facility or well name (include API# if associated with a well): Zeus Containment
OCD Permit Number: 1RF-478 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr O&P Section 35 Township 21S Range 32E County: Lea
Surface Owner: ☐ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.

☒ **Recycling Facility:**

Location of recycling facility (if applicable): Latitude 32.428995 N° Longitude -103.638084 W° NAD83

Proposed Use: ☒ Drilling* ☒ Completion* ☒ 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: _____ ☐ Other explain _____

☐ 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 32.42936 N° Longitude -103.63979 W° NAD83

☐ For multiple or additional recycling containments, attach design and location information of each containment

☒ Lined ☐ Liner type: Thickness see attached mil ☐ LLDPE ☒ HDPE ☐ PVC ☐ Other _____

☐ String-Reinforced

Liner Seams: ☐ Welded ☐ Factory ☐ Other see attached engineer drawings Volume: _____ bbl Dimensions: L _____ x W _____ x D _____

☐ Recycling Containment Closure Completion Date: _____

4.

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 owned or operated by the owners of the containment.)
- ☒ Bonding in accordance with 19.15.34.15(A)(1). Amount of bond \$ _____ (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 strands of barbed wire evenly spaced between one and four feet
- ☐ Alternate. Please specify _____

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.

Variances:

Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health, and the environment.

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, 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 application. Potential examples of the siting attachment source material are provided below under each criteria.

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
☐ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

☐ Yes ☒ No
☐ NA

- Written confirmation or verification from the municipality; written approval obtained from the municipality

Within the area overlying a subsurface mine.

☐ Yes ☒ No

- Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division

Within an unstable area.

☐ Yes ☒ No

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map

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 lake (measured from the ordinary high-water mark).

☐ Yes ☒ No

- Topographic map; visual inspection (certification) of the proposed site

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

☐ Yes ☒ No

- Visual inspection (certification) of the proposed site; aerial photo; satellite image

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 initial application.

☐ Yes ☒ No

- NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site

Within 500 feet of a wetland.

☐ Yes ☒ No

- US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site

9.

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 -
- ☒ Certify that notice of the C-147 (only) has been sent to the surface owner(s)

10.

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.

Name (Print): Chad Gallagher Title: Permitting Agent

Signature: Chad Gallagher Date: 10/31/2024

e-mail address: chad.gallagher@ariswater.com Telephone: (575) 444-9786

11.

OCD Representative Signature: Victoria Venegas Approval Date: 11/01/2024

Title: Environmental Specialist OCD Permit Number: 1RF-478

☒ OCD Conditions _____

☒ Additional OCD Conditions on Attachment

				Work Order Task Description	Berm - Are there any breaks in the berm?	Bird Box - Is the bird box functional?	Freeboard Level - List the Freeboard level (in feet).	Leak Detection - Is the Leak Detection functional?	Liner - Is there a tear in the liner?	Oil - Is there any oil on fluid?	Pond Level - List the Pond level (in feet).	Storm Water - Is there any run-on storm water?	Wildlife - Is there any dead wildlife?
Asset Name	User Full Name	Work Order Description	Work Order Completed Date	'_	'_	'_	'_	'_	'_	'_	'_	'_	'_
Zeus Pond	Bradley Webb	Weekly Pond Inspection	10/16/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Jesus Tambunga	Weekly Pond Inspection	10/9/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Javier Garcia	Weekly Pond Inspection	10/2/2024	No	Yes	0	No	No	No	15	No	No	
Zeus Pond	Jesus Tambunga	Weekly Pond Inspection	9/25/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Javier Garcia	Weekly Pond Inspection	9/18/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Jesus Tambunga	Weekly Pond Inspection	9/11/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Javier Garcia	Weekly Pond Inspection	9/4/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Jesus Tambunga	Weekly Pond Inspection	8/28/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Javier Garcia	Weekly Pond Inspection	8/21/2024	No	Yes	0	No	No	No	15	No	No	
Zeus Pond	Jesus Tambunga	Weekly Pond Inspection	8/14/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Javier Garcia	Weekly Pond Inspection	8/7/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Jesus Tambunga	Weekly Pond Inspection	7/31/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Javier Garcia	Weekly Pond Inspection	7/24/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Jesus Tambunga	Weekly Pond Inspection	7/17/2024	No	Yes	0	yes	No	No	15	No	No	
Zeus Pond	Javier Garcia	Weekly Pond Inspection	7/10/2024	No	Yes	0	Yes	No	No	15	No	No	
Zeus Pond	Bradley Webb	Weekly Pond Inspection	7/3/2024	No	Yes	0	Yes	No	No	15	No	No	

WO #	Asset ID	Asset Description	Date Created	Date Completed	Tear in Liner?	Break in berm?	Run on storm water?	Any dead wildlife?	Bird net secure or bird box functional?	Oil on fluid?	Leak Detection functional?	Freeboard level	Pond level
2135	ZEUS POND	REUSE - POND	3/12/2024	3/22/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	3	15
2965	ZEUS POND	REUSE - POND	3/27/2024	3/30/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	8	10
3245	ZEUS POND	REUSE - POND	3/30/2024	4/6/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	15	10
4812	ZEUS POND	REUSE - POND	4/12/2024	4/13/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	10	8
4844	ZEUS POND	REUSE - POND	4/14/2024	4/23/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	15	7
5416	ZEUS POND	REUSE - POND	4/23/2024	4/27/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	7	11
6478	ZEUS POND	REUSE - POND	5/2/2024	5/4/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	15	15
6541	ZEUS POND	REUSE - POND	5/5/2024	5/11/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	3	15
6933	ZEUS POND	REUSE - POND	5/12/2024	5/20/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	15	15
7291	ZEUS POND	REUSE - POND	5/20/2024	5/27/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	3	15
7719	ZEUS POND	REUSE - POND	5/27/2024	6/4/2024	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
8322	ZEUS POND	REUSE - POND	6/5/2024	6/8/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	3	15
8598	ZEUS POND	REUSE - POND	6/8/2024	6/16/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	15	15
8909	ZEUS POND	REUSE - POND	6/16/2024	6/29/2024	Pass	Pass	Pass	Pass	Pass	Pass	Pass	15	15

Pond or AST	Date	Operator Name	Tear in Liner (Y/N)?	Break in Berms and run-on storm water (Y/N)?	Dead Wildlife (Y/N)?	Oil on fluid (Y/N)?	Leak Detection Working (Y/N)?	Freeboard Fluid Level (ft)	Pond Level (ft)
Zeus Pond	3/17/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	3/10/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	3/6/2024	Javier Garcia	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	13.50
Zeus Pond	3/4/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	5.00	13.00
Zeus Pond	2/25/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	2/22/2024	Javier Garcia	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	15.00
Zeus Pond	2/16/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	9.00	9.00
Zeus Pond	2/10/2024	Javier Garcia	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	13.50
Zeus Pond	2/4/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	7.00	11.00
Zeus Pond	1/28/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	1/21/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	1/14/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	1/7/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	1/3/2024	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	12/27/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	12/20/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	12/13/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	12/6/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	11/29/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	11/22/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	11/15/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	11/8/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	11/1/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	14.00
Zeus Pond	10/22/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	3.80	11.40
Zeus Pond	10/15/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	3.80	11.40
Zeus Pond	10/8/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	5.00	10.00
Zeus Pond	10/1/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	6.50	8.50
Zeus Pond	9/24/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	8.00	6.00
Zeus Pond	9/17/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	8.00	6.00
Zeus Pond	9/10/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	10.00	5.00
Zeus Pond	9/3/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	10.00	5.00
Zeus Pond	8/27/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	10.00	5.00
Zeus Pond	8/20/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00
Zeus Pond	8/13/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00
Zeus Pond	8/6/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00
Zeus Pond	8/2/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00
Zeus Pond	7/23/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00
Zeus Pond	7/17/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	7/15/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00
Zeus Pond	7/9/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00
Zeus Pond	7/2/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00

Zeus Pond	6/26/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	6/24/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00
Zeus Pond	6/12/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	6/10/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	0.00	15.00
Zeus Pond	6/5/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	0.50	14.50
Zeus Pond	5/28/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	0.50	14.50
Zeus Pond	5/21/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	1.00	14.00
Zeus Pond	5/16/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	3.00	12.00
Zeus Pond	5/9/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	3.00	12.00
Zeus Pond	5/2/2023	Samuel Cantu	FALSE	FALSE	FALSE	TRUE	TRUE	4.00	11.00
Zeus Pond	4/25/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	5.00	13.00
Zeus Pond	4/21/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	5.60	13.60
Zeus Pond	4/15/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.20
Zeus Pond	4/7/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	4.00	15.00
Zeus Pond	3/31/2023	Jesus Tambunga	FALSE	TRUE	FALSE	TRUE	TRUE	4.00	15.00
Zeus Pond	3/19/2023	Jesus Tambunga	FALSE	TRUE	TRUE	TRUE	TRUE	15.00	6.50
Zeus Pond	3/12/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	3/9/2023	Bradley Webb	FALSE	FALSE	FALSE	FALSE	TRUE	7.00	8.00
Zeus Pond	3/2/2023	Bradley Webb	FALSE	FALSE	FALSE	FALSE	TRUE	7.00	8.00
Zeus Pond	2/26/2023	Bradley Webb	FALSE	FALSE	FALSE	FALSE	TRUE	8.00	7.00
Zeus Pond	2/20/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	2/14/2023	Bradley Webb	TRUE	TRUE	FALSE	FALSE	FALSE	8.00	7.00
Zeus Pond	1/30/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	1/28/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	1/23/2023	Agustin Carmona	TRUE	TRUE	FALSE	TRUE	TRUE	3.00	15.00
Zeus Pond	1/15/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	1/8/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	1/2/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	15.00
Zeus Pond	12/11/2022	Agustin Carmona	FALSE	TRUE	FALSE	TRUE	TRUE	3.00	15.00

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Friday, November 1, 2024 10:48 AM
To: 'Chad Gallagher'
Subject: 1RF-478 - ZEUS CONTAINMENT FACILITY ID [fVV2203339361]
Attachments: C-147 1RF-478 - ZEUS CONTAINMENT FACILITY ID [fVV2203339361] 11.01.2024.pdf

1RF-478 - ZEUS CONTAINMENT FACILITY ID [fVV2203339361]

Good morning Mr. Gallagher.

NMOCD has reviewed the extension of the cessation of operations request for 1RF-478 - ZEUS CONTAINMENT FACILITY ID [fVV2203339361], received from [371643] SOLARIS WATER MIDSTREAM, LLC on 10/31/2024, Application ID 398031. The extension of the cessation of operations is approved with the following conditions of approval:

- 1RF-478 - ZEUS CONTAINMENT FACILITY ID [fVV2203339361] extension of cessation of operations is approved from December 1/2024 to June1/2025. **However, if after this 6-month period, the containment was not utilized at a minimum of 20% fluid capacity, no additional extensions would be granted, and the operator would be directed to remove all fluids and proceed with the closure requirements.**
- [371643] SOLARIS WATER MIDSTREAM, LLC will maintain a liquid level in the containment that is at least equal to the weight of the liner plus 20%. [371643] SOLARIS WATER MIDSTREAM, LLC may maintain a higher liquid level if they choose.
- [371643] SOLARIS WATER MIDSTREAM, LLC will provide written notice to OCD Permitting at least 72 hours, but no more than one week, prior to the recommencement of operations. Recommencement of recycling operations means that the operator plans to resume moving fluids through the containment and discharging fluids from the containment.
 - At the resumption of recycling operations, [371643] SOLARIS WATER MIDSTREAM, LLC is required to perform an incremental fluid level test for containment liquid levels above the minimum liquid level.
 - [371643] SOLARIS WATER MIDSTREAM, LLC will fill the containment. [371643] SOLARIS WATER MIDSTREAM, LLC will pause filling operations at every 10% of total fluid capacity above the minimum level.
 - [371643] SOLARIS WATER MIDSTREAM, LLC will maintain the liquid level for each 10% volume increase for 24 hours and inspect and operate the leak detection system at the end of the 24-hour period.
 - If there are no liquids present in the leak detection system, [371643] SOLARIS WATER MIDSTREAM, LLC may proceed to fill the next 10% volume and repeat the process until the containment full design capacity minus the 3-feet of freeboard is reached.
 - If liquids are present, [371643] SOLARIS WATER MIDSTREAM, LLC should immediately cease the incremental fill test and perform a liner inspection. [371643] SOLARIS WATER MIDSTREAM, LLC should provide written notice of the fluid detection and liner inspection findings to OCD via OCD Permitting using a C-147 (long form) with the "Other" box checked and "Notice of fluid detection" written as the explanation of "Other."
 - Upon notification of fluid detection in the leak detection system, the OCD will verify the source of water (condensation versus produced water).
 - If the detected fluid is confirmed to be condensation, the OCD will issue a written approval to proceed with the incremental fluid level test.

- If the detected fluid is confirmed to be produced water, [371643] SOLARIS WATER MIDSTREAM, LLC must comply with 19.15.34.13 NMAC [371643] SOLARIS WATER MIDSTREAM, LLC must provide written notification to OCD Permitting on the actions taken to comply with 19.15.34.13 NMAC.
 - After fluid is detected in the leak detection system, the incremental fill test cannot continue until after a written approval to proceed is issued by the OCD.
 - [371643] SOLARIS WATER MIDSTREAM, LLC must submit copies of the detailed containment inspection records for the prior three months and a report detailing the incremental fluid level test process and results through OCD Permitting using a C-147 (long form) with the "Other" box checked. "Recommendation of Operations - Incremental Fluid Level Test" should be written as the explanation of "Other." Form C-147 must be completed and include information in sections 1 General Information, 2 Recycling Facility, 3 Recycling Containment, 4 Bonding, and 10 Operator Application Certification. Section 9 Recycling Facility and/or Containment Checklist may also need to be partially completed. Operators should verify that the resumption of operations notification does not result in any changes to the recycling containment operating and maintenance plan or the closure plan. If the recommendation of operations will affect the operating and maintenance plan or closure plan, operators should check those boxes in section 9 and provide updated plans or plan addendums as attachments to the C-147.
- [371643] SOLARIS WATER MIDSTREAM, LLC will continue to operate, maintain, and close 1RF-478 - ZEUS CONTAINMENT FACILITY ID [fVV2203339361] in compliance with 19.15.34 NMAC, to include but not limited detailed inspection records, removal of trash/oil from containment, and monthly C-148 reporting (even if there is zero activity).
 - A minimum of 3-feet freeboard must always be maintained in the recycling containment during operations.

Please let me know if you have any further questions.

Regards,

Victoria Venegas • Environmental Specialist Advanced
EMNRD - Oil Conservation Division
506 W. Texas Ave. Artesia, NM 88210
575.909.0269 | Victoria.Venegas@emnrd.nm.gov

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

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
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 398031

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 398031
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	• 1RF-478 - ZEUS CONTAINMENT FACILITY ID [VV2203339361] extension of cessation of operations is approved from December 1/2024 to June1/2025. However, if after this 6-month period, the containment was not utilized at a minimum of 20% fluid capacity, no additional extensions would be granted, and the operator would be directed to remove all fluids and proceed with the closure requirements. • [371643] SOLARIS WATER MIDSTREAM, LLC will maintain a liquid level in the containment that is at least equal to the weight of the liner plus 20%. [371643] SOLARIS WATER MIDSTREAM, LLC may maintain a higher liquid level if they choose. • [371643] SOLARIS WATER MIDSTREAM, LLC will provide written notice to OCD Permitting at least 72 hours, but no more than one week, prior to the recommencement of operations.	11/1/2024