



July 25, 2024

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

Re: 2RF-134 Solaris Water Midstream Landes Water Recycling Facility C-147 Annual Extension

To Whom it May Concern,

Solaris Water Midstream, LLC. respectfully submits the enclosed C-147 form, summary of monthly inspections and leak detection for the Landes Water Recycling Facility. For original site plans and submittals, please refer to the facility's original registration application, OCD Registration number 2RF-134, received August 31st, 2018. In accordance with NMAC 19.15.34.10 RECYCLING CONTAINMENTS, Solaris Water Midstream wishes to seek a one-year extension to the facility. The annual extension dates requested will be from August 31st, 2024, to August 31st, 2025.

NMAC 19.15.34.10 RECYCLING CONTAINMENTS

C. Registered recycling containments may be operated for five years from the date on which the registration is filed with the division. The operator may extend the allowed time on an annual basis thereafter with division approval if, 30 days prior to the registration expiration, the operator files a form C-147 with an attached summary showing all monthly inspections at the containment, including the monitoring of the leak detection system, showing the containment's integrity has not been compromised.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Gallagher", is written over a light blue horizontal line.

Chad Gallagher

Permitting Agent

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) Annual Extension

*** 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): Landes Containment
OCD Permit Number: 2RF-134 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr F Section 22 Township 25S Range 28E County: Eddy
Surface Owner: ☐ Federal ☐ State ☒ Private ☐ Tribal Trust or Indian Allotment

2.

☒ **Recycling Facility:**

Location of recycling facility (if applicable): Latitude 32.115957° Longitude -104.0754905° 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 _____ Longitude _____ NAD83

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

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

☐ String-Reinforced

Liner Seams: ☒ Welded ☐ Factory ☐ Other _____ 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: Permit Agent
Signature: Chad Gallagher Date: 7/25/24
e-mail address: chad.gallagher@ariswater.com Telephone: (575)444-9786

11.

OCD Representative Signature: Victoria Venegas Approval Date: 07/26/2024

Title: Environmental Specialist OCD Permit Number: 2RF-134

- ☐ OCD Conditions
- ☒ Additional OCD Conditions on Attachment

Pond or AST	Date	Operator Name	Tear in Liner (Y/N)?	Break in Berms and run-on storm water		Dead Wildlife (Y/N)?	Oil on fluid (Y/N)?	Leak Detection Working (Y/N)?	Freeboard Fluid Level	
				(Y/N)?					(ft)	Pond Level (ft)
Landes East	4/20/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	8.00	7.00
Landes West	4/20/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	8.20	7.10
Landes East	4/27/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	0.00
Landes West	4/27/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	4.70	11.50
Landes East	5/4/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	0.00
Landes East	6/21/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	0.00
Landes West	6/21/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	7.90	8.30
Landes West	6/29/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	8.60	7.60
Landes West	7/6/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	8.60	7.60
Landes West	7/13/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	8.60	7.60
Landes West	7/20/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	8.60	7.60
Landes East	7/27/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	0.00
Landes West	7/27/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	8.60	7.60
Landes East	8/3/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	0.00
Landes West	8/3/2022	Daniel Parent	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	3.90	12.30
Landes East	8/10/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	10.00	5.00
Landes West	8/10/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	12.00
Landes East	8/17/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	4.80	10.40
Landes West	8/17/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	12.80
Landes East	8/24/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	10.00	5.00
Landes West	8/24/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	13.00
Landes East	8/31/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	10.00	5.00
Landes West	8/31/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	13.00
Landes East	9/21/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	5.20	9.80
Landes West	9/21/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	12.00
Landes West	9/28/2022	Ricardo Lara	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	12.00
Landes East	10/1/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	8.60	4.60
Landes West	10/1/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	7.00	5.00
Landes East	10/2/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	11.00	5.00
Landes West	10/5/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	7.00	9.00
Landes East	10/8/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	8.60	4.60
Landes West	10/8/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	7.00	5.00
Landes West	10/12/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	12.00	3.50
Landes East	10/15/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	9.00	4.00
Landes West	10/15/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	5.00	7.00
Landes East	10/19/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	10.50	4.50
Landes West	10/19/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	11.00	5.00
Landes East	10/21/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	8.60	4.60
Landes West	10/21/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	5.00	7.00
Landes East	10/26/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	10.00	5.00
Landes West	10/26/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	10.00	6.00

Landes East	10/29/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	8.00	4.00
Landes West	10/29/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	7.00
Landes East	11/2/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	5.00
Landes West	11/2/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	TRUE	10.00	6.00
Landes East	11/7/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	7.00
Landes East	11/7/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	7.00
Landes West	11/7/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes West	11/7/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	10.00	3.00
Landes East	11/15/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	7.00
Landes West	11/15/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes West	11/23/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes West	11/23/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	8.00	5.00
Landes East	11/25/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	8.00	5.00
Landes East	12/1/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	4.00	8.00
Landes West	12/1/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes West	12/1/2022	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	12/6/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	12.00
Landes West	12/6/2022	Ricardo Lara	FALSE	TRUE	FALSE	TRUE	TRUE	11.00	5.00
Landes East	12/13/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	12.00
Landes West	12/13/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	5.00
Landes East	12/19/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	12.00
Landes East	12/19/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	12.00
Landes West	12/19/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	TRUE	10.00	5.00
Landes West	12/26/2022	Ricardo Lara	FALSE	TRUE	FALSE	FALSE	TRUE	13.00	8.00
Landes East	1/4/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	1/4/2023	Bradley Webb	FALSE	TRUE	FALSE	TRUE	TRUE	1.00	11.00
Landes East	1/11/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	1/11/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	1/18/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	1/18/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	1/25/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	1/25/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	1/27/2023	Jesus Chavez	FALSE	TRUE	FALSE	TRUE	TRUE	13.00	5.20
Landes East	2/1/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	2/1/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	2/6/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	2/6/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	2/12/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	2/12/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	1.00	11.00
Landes East	2/18/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	2/18/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	2/19/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	12.00
Landes West	2/20/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	6.00	10.00
Landes East	2/26/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00

Landes West	2/26/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	3/2/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	3/2/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	3/9/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	3/9/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	3/17/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes West	3/17/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	9.00
Landes East	3/23/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes West	3/24/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	8.00	7.00
Landes East	3/31/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	8.40	3.80
Landes West	3/31/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	4.20	7.10
Landes East	4/7/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	10.00	2.00
Landes West	4/7/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	7.20	4.80
Landes East	4/14/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	1.00
Landes West	4/14/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	4/21/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	7.60	4.60
Landes West	4/21/2023	Bradley Webb	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	12.00
Landes East	4/28/2023	Samuel Cantu	FALSE	FALSE	FALSE	FALSE	TRUE	7.00	5.00
Landes West	4/28/2023	Samuel Cantu	FALSE	FALSE	FALSE	FALSE	TRUE	1.00	11.00
Landes West	5/4/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	5.00	11.00
Landes East	5/5/2023	Samuel Cantu	FALSE	FALSE	FALSE	FALSE	TRUE	7.00	5.00
Landes East	5/12/2023	Samuel Cantu	FALSE	FALSE	FALSE	FALSE	TRUE	3.50	8.50
Landes West	5/12/2023	Samuel Cantu	FALSE	FALSE	FALSE	FALSE	TRUE	3.50	8.50
Landes East	5/19/2023	Samuel Cantu	FALSE	FALSE	FALSE	FALSE	TRUE	2.00	10.00
Landes West	5/19/2023	Samuel Cantu	FALSE	FALSE	FALSE	FALSE	TRUE	2.00	10.00
Landes East	5/21/2023	Samuel Cantu	FALSE	FALSE	FALSE	FALSE	TRUE	1.50	10.50
Landes West	5/21/2023	Samuel Cantu	FALSE	FALSE	FALSE	FALSE	TRUE	1.50	10.50
Landes East	5/27/2023	Jesus Tambunga	FALSE	TRUE	FALSE	FALSE	TRUE	15.00	1.00
Landes West	5/27/2023	Jesus Tambunga	FALSE	FALSE	FALSE	FALSE	TRUE	6.00	10.00
Landes West	5/27/2023	Jesus Tambunga	FALSE	TRUE	FALSE	FALSE	TRUE	6.00	10.00
Landes East	5/31/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	12.00
Landes West	5/31/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	6.00	10.00
Landes East	6/6/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	12.00	0.00
Landes West	6/6/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	10.00
Landes East	6/12/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	4.00
Landes West	6/13/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	10.00
Landes East	6/20/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	4.00
Landes West	6/20/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	2.50	10.50
Landes West	6/27/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	11.00
Landes East	6/29/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	4.00
Landes West	7/4/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	11.00
Landes East	7/6/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	4.00
Landes West	7/11/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	12.00
Landes East	7/12/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	11.00	4.00

Landes West	7/18/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	13.00
Landes East	7/19/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	4.00
Landes West	7/25/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	12.00
Landes East	7/26/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	4.00
Landes East	7/31/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	12.00
Landes West	8/1/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	13.00
Landes East	8/6/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	4.00
Landes West	8/8/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	13.00
Landes East	8/13/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	11.00	4.00
Landes West	8/18/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	13.00
Landes East	8/19/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	11.00	4.00
Landes East	8/20/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	7.00
Landes West	8/22/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	3.00	13.00
Landes East	8/27/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	8.00	4.00
Landes West	8/27/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	13.00
Landes East	9/3/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	8.00	4.00
Landes West	9/3/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	13.00
Landes East	9/10/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	8.00	4.00
Landes West	9/10/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	1.00	14.00
Landes East	9/17/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	8.00	4.00
Landes West	9/17/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	15.00
Landes East	9/24/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	7.00
Landes West	9/24/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	15.00
Landes East	10/1/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	7.00
Landes West	10/1/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	0.00	15.00
Landes East	10/8/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	4.00	8.00
Landes West	10/8/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	13.00
Landes East	10/15/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	9.00
Landes West	10/15/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	10.00
Landes East	10/22/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	7.00	5.00
Landes West	10/22/2023	Samuel Cantu	FALSE	TRUE	FALSE	FALSE	TRUE	9.00	6.00
Landes West	10/29/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	4.00	9.00
Landes East	11/4/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	10.00	5.00
Landes West	11/4/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	11.00
Landes East	11/10/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	10.00	5.00
Landes West	11/10/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	11.00
Landes West	11/13/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	2.00	11.00
Landes East	11/15/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	10.00	5.00
Landes East	11/21/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	4.00	11.80
Landes West	11/21/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	4.00	12.00
Landes East	11/27/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	3.60	11.60
Landes West	11/27/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	4.50	11.50
Landes East	12/5/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	4.00	11.00
Landes West	12/5/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	4.00	12.00

Landes East	12/12/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	10.00
Landes West	12/12/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	3.00	13.00
Landes East	12/18/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	5.00	10.00
Landes West	12/18/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	3.50	12.50
Landes East	12/25/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	2.00	10.00
Landes West	12/25/2023	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	2.00	11.00
Landes East	12/31/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	7.00	8.00
Landes West	12/31/2023	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	6.00	10.00
Landes East	1/2/2024	Jesus Chavez	FALSE	TRUE	FALSE	TRUE	TRUE	12.00	7.50
Landes East	1/2/2024	Jesus Chavez	FALSE	TRUE	FALSE	TRUE	TRUE	12.00	7.50
Landes West	1/2/2024	Jesus Chavez	FALSE	FALSE	FALSE	TRUE	TRUE	13.00	11.00
Landes West	1/2/2024	Jesus Chavez	FALSE	TRUE	FALSE	TRUE	TRUE	13.00	11.00
Landes East	1/7/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	7.60	7.60
Landes West	1/7/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	8.60	7.60
Landes East	1/12/2024	Jesus Chavez	FALSE	TRUE	FALSE	TRUE	TRUE	13.00	8.00
Landes West	1/12/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	TRUE	14.00	11.50
Landes East	1/14/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	7.00	8.00
Landes West	1/14/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	4.20	10.11
Landes East	1/16/2024	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	5.60	10.60
Landes West	1/16/2024	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	5.60	10.60
Landes East	1/21/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	9.10	5.20
Landes West	1/21/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	6.00	10.00
Landes East	1/27/2024	Jesus Chavez	FALSE	TRUE	FALSE	TRUE	TRUE	13.00	5.20
Landes West	1/27/2024	Jesus Chavez	FALSE	TRUE	FALSE	TRUE	TRUE	14.00	8.50
Landes West	1/27/2024	Jesus Chavez	FALSE	TRUE	FALSE	TRUE	TRUE	13.00	8.50
Landes East	1/31/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	12.00	3.00
Landes West	1/31/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	4.00	12.00
Landes East	2/7/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	TRUE	12.00	2.60
Landes West	2/7/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	TRUE	13.00	11.60
Landes East	2/11/2024	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	12.50
Landes West	2/11/2024	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	16.00	13.00
Landes East	2/21/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	TRUE	12.00	2.60
Landes West	2/21/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	TRUE	12.00	11.00
Landes West	2/21/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	TRUE	12.00	11.00
Landes West	2/26/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	2.50	11.50
Landes East	2/27/2024	Agustin Carmona	FALSE	TRUE	FALSE	FALSE	TRUE	12.50	2.50
Landes East	3/6/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	TRUE	12.00	4.10
Landes West	3/6/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	TRUE	13.00	12.60
Landes East	3/10/2024	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	15.00	12.50
Landes West	3/10/2024	Agustin Carmona	FALSE	FALSE	FALSE	FALSE	TRUE	16.00	13.00
Landes East	3/21/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	FALSE	13.00	12.60
Landes West	3/21/2024	Jesus Chavez	FALSE	TRUE	FALSE	FALSE	TRUE	13.00	13.00

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
LANDES (WEST)	REUSE - POND	4/18/2024	4/23/2024	No	Yes	Yes	No	Yes	No	No	13	13
LANDES (EAST)	REUSE - POND	5/2/2024	5/5/2024	No	Yes	Yes	No	Yes	No	No	13	13
LANDES (WEST)	REUSE - POND	5/2/2024	5/3/2024	No	Yes	Yes	No	Yes	No	No	13	13
LANDES (WEST)	REUSE - POND	5/3/2024	5/5/2024	No	Yes	Yes	No	Yes	No	No	13	13
LANDES (EAST)	REUSE - POND	5/15/2024	5/21/2024	No	Yes	Yes	No	Yes	No	No	13	10.6
LANDES (WEST)	REUSE - POND	5/15/2024	5/21/2024	No	Yes	Yes	No	Yes	No	No	13	12
LANDES (EAST)	REUSE - POND	6/12/2024	6/15/2024	No	Yes	Yes	No	Yes	No	No	13	10.3
LANDES (WEST)	REUSE - POND	6/12/2024	6/15/2024	No	Yes	Yes	No	No	No	No	13	11.6
LANDES (EAST)	REUSE - POND	6/15/2024	6/29/2024	No	Yes	Yes	No	Yes	No	No	13	10.3
LANDES (EAST)	REUSE - POND	7/17/2024	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS
LANDES (EAST)	REUSE - POND	7/24/2024	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS
LANDES (EAST)	REUSE - POND	7/3/2024	7/14/2024	No	Yes	Yes	No	No	No	Yes	13	2.6
LANDES (EAST)	REUSE - POND	7/10/2024	7/14/2024	No	Yes	Yes	No	Yes	Yes	Yes	13	6
LANDES (WEST)	REUSE - POND	7/17/2024	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS
LANDES (WEST)	REUSE - POND	7/24/2024	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS
LANDES (WEST)	REUSE - POND	7/3/2024	7/14/2024	No	Yes	Yes	No	Yes	Yes	Yes	13	8
LANDES (WEST)	REUSE - POND	7/10/2024	7/14/2024	No	Yes	Yes	No	Yes	Yes	Yes	13	6.7

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Friday, July 26, 2024 1:52 PM
To: 'Chad Gallagher'
Subject: 2RF-134 - LANDES WATER RECYCLING FACILITY ID [fAB1826252353]
Attachments: C-147 2RF-134 - LANDES WATER RECYCLING FACILITY ID [fAB1826252353]
07.26.2024.pdf

2RF-134 - LANDES WATER RECYCLING FACILITY ID [fAB1826252353]

Good afternoon Mr. Gallagher.

NMOCD has reviewed the annual registration/permit extension request for 2RF-134 - LANDES WATER RECYCLING FACILITY ID [fAB1826252353] received from [371643] SOLARIS WATER MIDSTREAM, LLC on 07/25/2024, Application ID 367463. The registration/permit extension request is approved with the following conditions of approval:

- 2RF-134 - LANDES WATER RECYCLING FACILITY ID [fAB1826252353] is approved for one (1) year of operation from the date of the previous registration/permit expiration date of August 31, 2024. The new registration/permit expiration date is August 31, 2025.
- [371643] SOLARIS WATER MIDSTREAM, LLC will continue to operate, maintain, and close the for 2RF-2RF-134 - LANDES WATER RECYCLING FACILITY ID [fAB1826252353] in compliance with 19.15.34 NMAC, to include but not limited to the performance of weekly inspections regardless of fluid levels in the containment; recording of detailed inspection reports; removal of debris, foreign objects and oil from the containment; and monthly reporting of recycling and reuse of produced water, drilling fluids, and liquid oil field waste via from C-148.
- [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.
- If less than 20% of the total fluid capacity is utilized every consecutive six months, operation of the facility is considered ceased and a notification of cessation of operations should be sent electronically through OCD Permitting. An extension to extend the cessation of operations, not to exceed six months, may be submitted using a C-147 form through the OCD Online system.
- If after that 6-month extension period, the containment is 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.
- The recycling containment is bonded pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC. Water reuse and recycling from for 2RF-134 - LANDES WATER RECYCLING FACILITY ID [fAB1826252353] is limited to wells owned or operated by [371643] SOLARIS WATER MIDSTREAM, LLC.
- A minimum of 3-feet freeboard must be maintained in the recycling containment at all times.
- [371643] SOLARIS WATER MIDSTREAM, LLC will comply with 19.15.29 NMAC Releases in the event of any release of produced water or produced water or other oil field wastes at for 2RF-134 - LANDES WATER RECYCLING FACILITY ID [fAB1826252353]. [371643] SOLARIS WATER MIDSTREAM, LLC will comply with all other OCD rules.
- [371643] SOLARIS WATER MIDSTREAM, LLC must perform weekly inspections of the containment and leak detection system.
- If [371643] SOLARIS WATER MIDSTREAM, LLC wishes to extend the registration/permit past August 31, 2025, a registration/permit extension request must be submitted to OCD. Extension requests are reviewed on a case-by-case basis and evaluated on their merit. Extensions are considered for a maximum length of one year. Additional requests must be submitted to OCD through OCD Online on a Form C-147 (long form)

as an Extension request and should include a formal extension request letter, a summary of the prior registration/permit period inspection reports, and the copies of the detailed inspection records for the prior permit period. The extension request should be submitted no later than July 31, 2025.

Please let me know if you have any further 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/oed/>



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1625 N. French Dr., Hobbs, NM 88240
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District II
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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 367463

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 367463
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	2RF-134 - LANDES WATER RECYCLING FACILITY ID [FAB1826252353] is approved for one (1) year of operation from the date of the previous registration/permit expiration date of August 31, 2024. The new registration/permit expiration date is August 31, 2025. If [371643] SOLARIS WATER MIDSTREAM, LLC wishes to extend the registration/permit past August 31, 2025, a registration/permit extension request must be submitted to OCD no later than July 31, 2025.	7/26/2024