

Enchantment Water, LLC – Infinity's Produced Water Research Pilot Project C-147/ Approval Letter

**[329620] Enchantment
Water, LLC
03/04/2024**

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Dylan M. Fuge
Deputy Secretary

Dylan Fuge, Division Director (Acting)
Oil Conservation Division



BY ELECTRONIC MAIL ONLY

Ashley Kegley-Whitehead
Enchantment Water, LLC
1250 S. Capital of Texas Hwy
Suite 2-200
Austin, TX 78746
Ashley@water.energy

RE: Enchantment Water, LLC – Infinity’s Produced Water Research Pilot Project

Dear Ms. Kegley-Whitehead:

The New Mexico Oil Conservation Division (OCD) has reviewed the C-147 Form and related documentation submitted by [329620] Enchantment Water, LLC (Permittee) on 2/12/2024, for Infinity’s Produced Water Research Pilot Project (IPWRPP) using treated produced water to grow hemp at Battle Axe Ranch located at 2430 Battle Axe Rd, Jal, NM 88252.

Given 19.15.34.8(A)(3) NMAC allows for pilot projects related to produced water research, the OCD hereby approves IPWRPP subject to the following conditions of approval:

- The Permittee agrees to the specific provisions set out in this document, all applicable requirements of 19.15.34 NMAC, and the commitments made in the attachments to the C-147 Form.
- The financial assurance (FA) associated with IPWRPP is \$5,000. The FA must be on OCD-prescribed forms, or forms otherwise acceptable to the OCD, payable to the OCD. Bond forms can be found at the bottom of OCD’s Forms Page located at <https://www.emnrd.nm.gov/ocd/ocd-forms/>. Prior to construction of IPWRPP, the FA must be submitted to:
 - OCD - Administration and Compliance Bureau
1220 South St Frances Drive,
Santa Fe, NM 87505
- The Permittee shall notify the OCD when IPWRPP commences operation and ceases operation.

- The Permittee shall conduct daily inspections during the water treatment phase of IPWRPP. The Permittee must report any upset condition to the OCD including the steps taken to address the upset condition within 24-hours of discovery.
- The Permittee shall:
 - During IPWRPP, 100% of the produced water gathered and treated will be recycled avoiding the need to use any SWD for disposal purposes.
 - Shallow pits will be cleared and lined prior to placing the grow boxes that will house the crops in question. A vacuum truck will be available if stagnant rainwater presents an issue in either the grow boxes or the secondary containment pits.
 - After completion of IPWRPP, any disturbed areas will be reclaimed and brought back to their natural state.
 - Analytical testing for the constituents included in the application will be performed during the water treatment portion of this study.
 - All unused desalinated produced water, unused pretreated produced water, and desalination rejection solution will be recycled back to Mills Ranch Recycling Containment.
 - All excess plant/hemp material must be destroyed in compliance with all applicable guidelines for hemp destruction and disposed of at a certified landfill.
 - The Permittee shall comply with 19.15.29 NMAC in the event of a release of produced water whether treated or untreated. Any contaminated soil must be disposed of at an approved surface waste management facility (SWMF).
 - If the Permittee needs to modify IPWRPP, a modification request must be submitted to OCD on form C-147 along with the additional documentation for the requested modification. The modification must be approved by the OCD before implementation.
 - The Permittee shall submit a final report to OCD on form C-147, including the following:
 - Attachments, photos, etc., to document closure activities,
 - All analytical testing results, along with a summary documenting any exceedances,
 - Volume of produced water treated,
 - Volume of produced water used for IPWRPP,
 - Volume of produced water sent back to Mills Ranch Recycling Containment,
 - Project duration,
 - Summary of any releases of produced water and clean-up activities,
 - A summary of all waste disposal activities, including receiving SWMF, and
 - An overall discussion of IPWRPP success and/or lessons learned.

The final report is due to the OCD within 45-days of IPWRPP completion.

The permit number for this project is 2RF-162, MILLS RANCH RECYCLING CONTAINMENT – FACILITY ID [fVV2121556196]. The Permittee shall include this permit number in all future communications with the OCD.

If you have any questions, please do not hesitate to contact me at (505) 909-0269 or via email at Victoria.Venegas@emnrd.nm.gov.

Take Care,

Victoria Venegas

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/>





1250 S. Capital of Texas Hwy.
Bldg. 2, Suite 200
Austin, Texas 78746

(512) 710-1863 ☎
Info@water.energy ✉
www.water.energy 🌐

Summary:

To stay at the forefront of water management, Infinity Water Solutions is dedicated to ongoing research and development to support innovation in treatment technologies, environmental monitoring and water logistics.

Part of this evolution is studying new ways to repurpose produced water, and identifying novel applications for our recycled water products.

For this study Infinity hopes to introduce a new water source suitable for agriculture. We are proposing to complete a carefully controlled, small-scale, non-discharging pilot to measure the effects of treated produced water on non-consumptive agriculture, particularly, hemp crop.

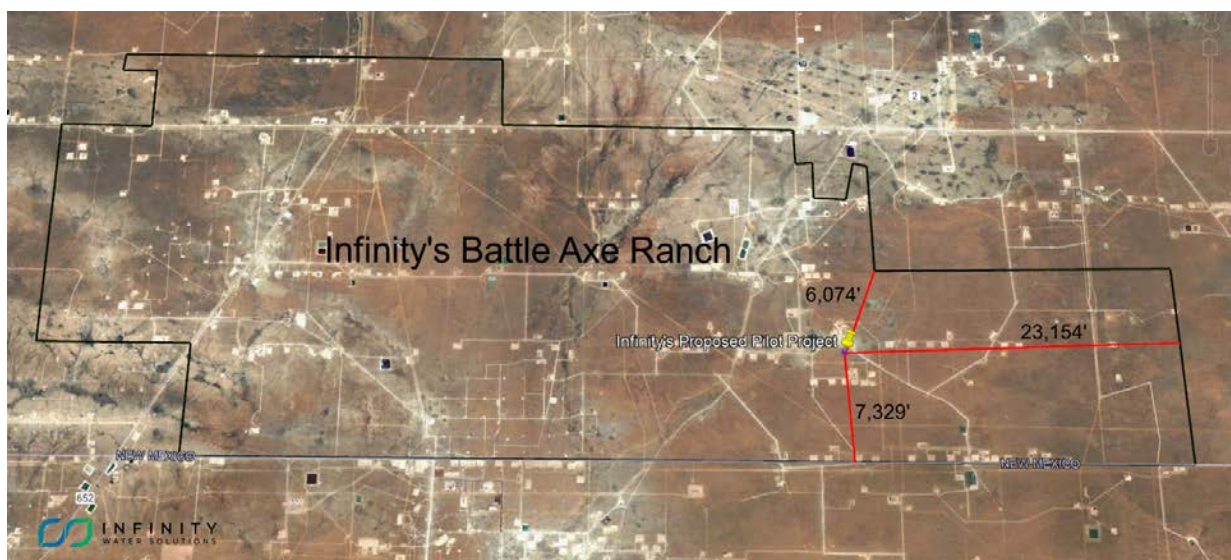
Location:

The proposed location of our pilot study is Infinity's Battle Axe Ranch, a privately-owned 33,000-acre grazing ranch that houses various oil and gas activities. It is located at 2430 Battle Axe Rd, Jal, NM 88252. The ranch is located across both Eddy and Lea County, New Mexico, though the proposed location of the pilot within the ranch will be in Lea County, north of the Texas border.

The current landowner is Cerberus Land and Cattle Company LLC. Our current point of contact, William Ditto, is the owner/manager. His contact information is wditto@cerberuslcc.com. We have been working closely with Mr. Ditto and his ranch manager on the development of this pilot application. They have also worked with us to complete the application for a commercial hemp license and registration with New Mexico's Department of Agriculture. The license is granted in their name.

Worth noting, our project, and the utilization of this license, is extremely unique in that we are not interested in producing hemp for commercial sale. Instead, we are using this as a research experiment; investigating the relative effects of watering hemp with highly treated produced water.

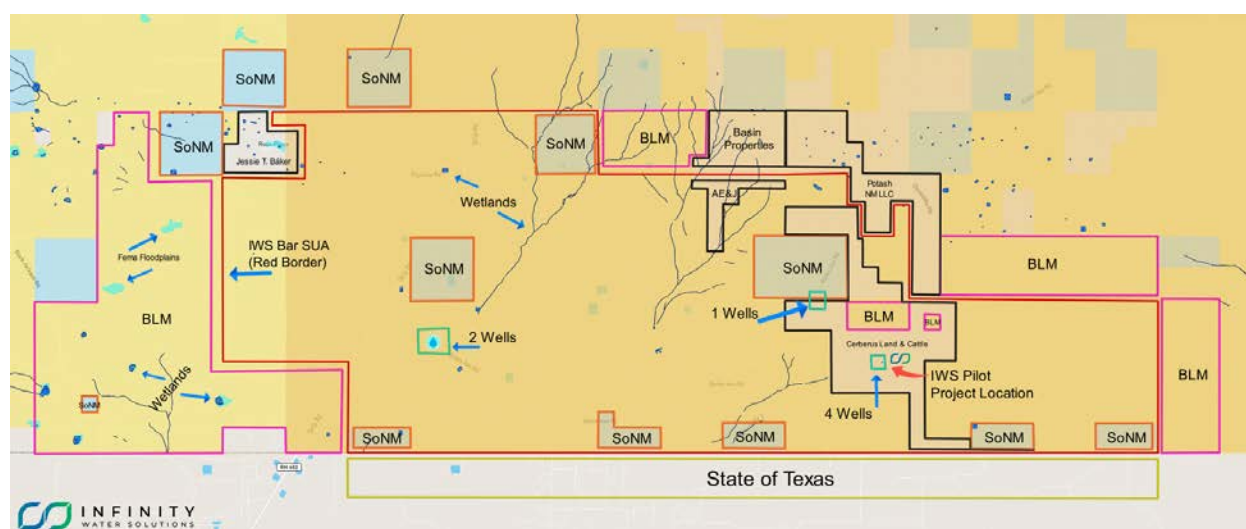
Directions: From Albuquerque, take I-40 E and US-285 S/US Hwy 285 S to NM-360 S in Eddy County (259 mi). Turn right onto NM-360 S (25 mi). Turn left onto US-180 E/US-62 E (14 mi). Take Louis Whitlock Rd, NM 128-E and J-1/Ora Rd to Battle Axe Rd/J-2 (43 miles).



The half-acre enclosed pilot lot is located at coordinates 32.020727, -103.558989 within the Battle Axe Ranch. The fence line of the pilot to the ranch boundaries are as follows:

- 6,074' feet to the north
- 23,154' feet to the east
- 7,329' feet to the south

It's worth noting that the main entrance to the Battle Axe Ranch passes right past headquarters and is heavily monitored by ranch staff. With that being said, the traffic that does enter the ranch is associated with oilfield activities (primarily EOG), which are guided to select portions of the property. The sub-section where we intend to house the hemp crops and water storage will have heavy signage to convey the sensitivity of the study area. The hemp crop beds will be contained with an additional perimeter fence, as per NMDA licensing requirements. Additionally, the hemp crops and water storage units will also be monitored by live video camera and security staff.

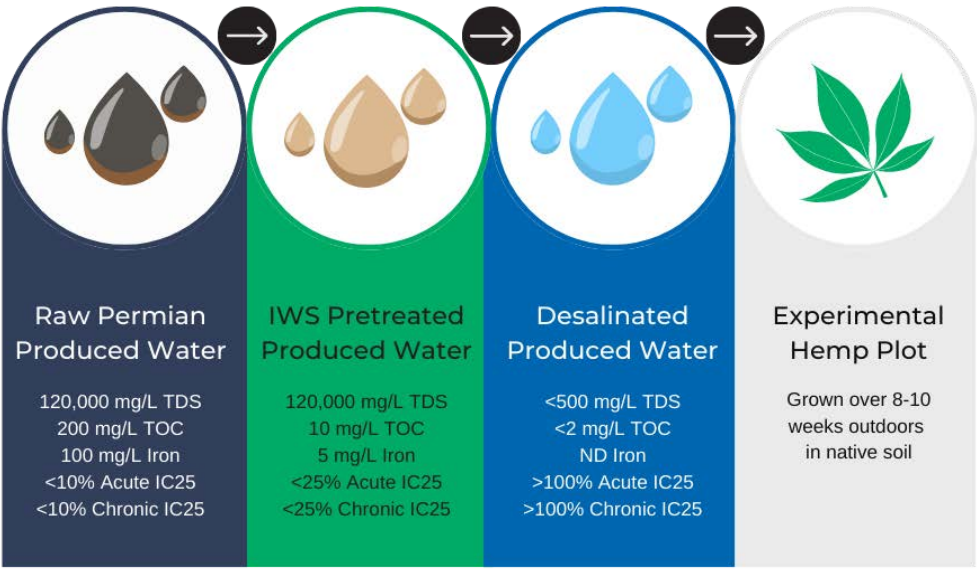


Regulatory bodies over Infinity's Battle Axe Ranch include the New Mexico Environmental Department, EMNRD's Oil and Conservation Division and the Bureau of Land Management. We have also been awarded a hemp license in coordination with New Mexico's Department of Agriculture: License No. AHPL-7-2023 and USDA License No. 35_0048.

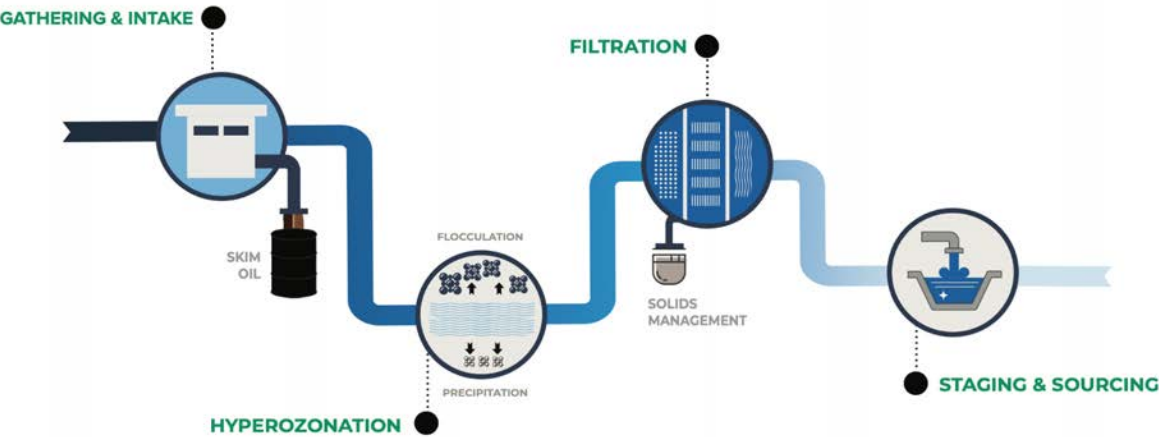
Project Details and Treatment Train:

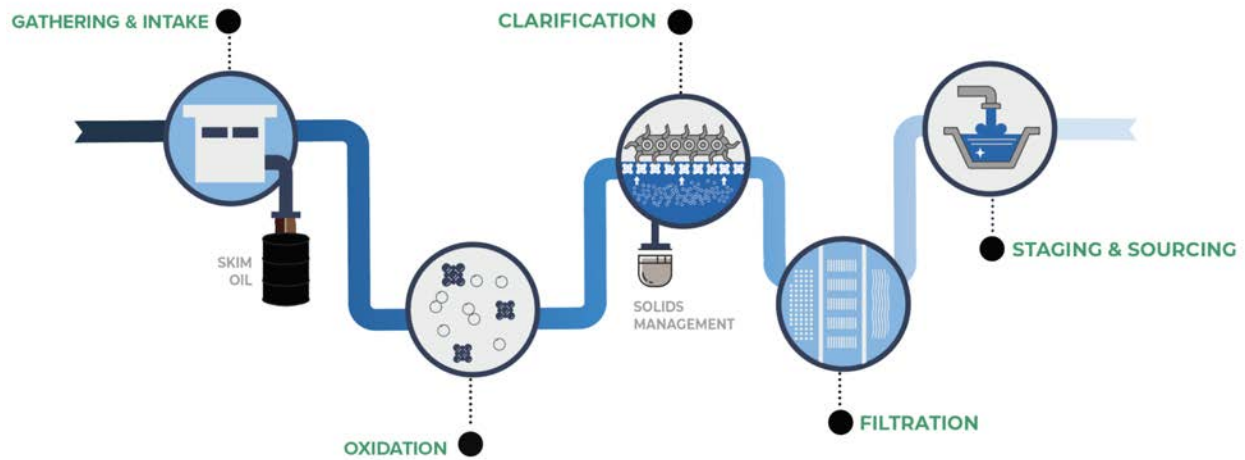
Water coming from Permian operators, specifically XTO / ExxonMobil, will go directly to Infinity's Mills Ranch 1 Water Recycling Facility. From there it will go through a series of processing steps using one of two pre-treatment methodologies: Infinity's patented Hyperozonation system and Infinity's bulk treatment system. Illustrative process flows and a diagram of both treatment systems are below. The benefit of this is it allows us (and the New Mexico and Texas Consortiums) to explore the effects of two different pre-treatment options.

The full treatment train measurements / goals for this study are as follows:



Infinity’s Hyperozonation Process Flow Diagram:



Infinity's Bulk Treatment Process Flow Diagram:

After pre-treatment, water will be transported to Texas Tech University, in conjunction with the Texas Produced Water Consortium and run through its desalination system. Once complete, the freshwater will then be transported to Battle Axe Ranch, where it will be stored and used on site, as needed, for watering the non-consumptive hemp crop.

The following rendering is an illustration of our updated experimental design based on our last meeting with NMED. As such, we've moved from in-ground lined pits to above-ground, field-scale grow boxes. Everything is closed loop and verifiably leak proof. Again, based on this design our overall water need/consumption has also dropped drastically to just 100 barrels of water.





As a pure-play recycler, Infinity operates within a closed-loop network recycling 100% of what we gather, and avoiding the need to use an SWD for disposal purposes. During this pilot, 100% of the water gathered and treated will be recycled. Any left over water will be recycled back into our system which is currently in commission supplying treated produced water back to oil and gas operators for completions in the Northern Delaware.

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 Only

Type of action: ☐ Permit ☐ Registration ☐ Modification ☐ Closure ☒ Other (explain) Closed-Loop Pilot Project

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: Enchantment Water, LLC (For multiple operators attach page with information) OGRID #: 329620
Address: 1250 S. Capital of Texas Hwy., Suite 2-200, Austin, Texas 78746
Facility or well name (include API# if associated with a well): Mills Ranch Recycling Facility and Containments
OCD Permit Number: 2RF-162 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr L,M,N Section 6 Township 23S Range 31E County: Eddy
Surface Owner: ☐ Federal ☐ State ☒ Private ☐ Tribal Trust or Indian Allotment

2.
☒ **Recycling Facility:**
Location of recycling facility (if applicable): Latitude 32.3296159 Longitude -103.8247101 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 ☐ Activity permitted under 19.15.17 NMAC explain type _____
☐ Activity permitted under 19.15.36 NMAC explain type: _____ ☐ Other explain _____
☐ Closure Report (required within 60 days of closure completion): ☐ Recycling Facility Closure Completion Date: _____

3.
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.

4.
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): Ashley Kegley-Whitehead Title: Chief Communications Officer
Signature: Ashley Kegley Date: 11/28/23
e-mail address: Ashley@water.energy Telephone: 512-660-2898

5.
OCD Representative Signature: Victoria Venegas Approval/Registration Date: 03.04/2024
Title: Environmental Specialist OCD Permit Number: 2RF-162
☒ OCD Conditions _____
☐ Additional OCD Conditions on Attachment _____



January 2, 2024

Leigh Barr
Supervisor – Administrative Permitting Program
EMNRD - Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Subject: Letter of Support for Infinity's Proposed Pilot Project

Dear Leigh and team,

I am writing this letter to express my enthusiastic support for Infinity's proposed pilot project at our Battle Axe Ranch, which aims to introduce a new water source suitable for non-consumptive agriculture. I have had the opportunity to work closely with the Infinity team on the planning of this proposed project and have thoroughly reviewed their proposal. I believe it holds great promise and potential for New Mexico, the oil and gas industry and the community at large.

The process outlined in their proposal, along with a well-defined treatment train, demonstrates a thoughtful and thorough consideration of the project's feasibility and impact. I am particularly impressed by the comprehensive analysis of potential risks and the mitigation strategies outlined within. This level of foresight indicates a commitment to ensuring the project's success while minimizing any potential setbacks. Moreover, the inclusion of key performance indicators and success metrics will allow for a robust evaluation of the project's outcomes and its contribution to the industry's overall objectives.

I am confident that the dedicated team behind Infinity's Hemp Pilot Project, combined with their expertise and passion, will lead to the project's successful implementation. I encourage EMNRD and NMED to fully support this initiative, as its success will undoubtedly contribute to the growth and advancement of water reuse across our state.

Should you require any additional information or clarification regarding Infinity's plans at Battle Axe Ranch, please do not hesitate to reach out to me. I am more than willing to offer any assistance or insights that may aid in your decision-making process.

Thank you for your ongoing support and oversight of this very important project.

Sincerely,

William H. Ditto
Managing Partner
Cerberus Land & Cattle Company, LLC
8849 Larston Street
Houston, TX 77055
C: 432.312.2859
wditto@cerberuslcc.com
www.cerberuslcc.com

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Dylan Fuge
Deputy Secretary

Dylan Fuge, (Acting Division Director)
Oil Conservation Division



BY ELECTRONIC MAIL ONLY

January 8, 2024

Ashley Kegley-Whitehead
Enchantment Water, LLC
1250 S. Capital of Texas Hwy
Suite 2-200
Austin, TX 78746
Ashley@water.energy

RE: Enchantment Water, LLC – Produced Water Research Pilot Project

Dear Ms. Kegley-Whitehead:

The New Mexico Oil Conservation Division (OCD) has reviewed the C-147 Form submittal for a research pilot project using treated produced water to grow hemp. After careful review of the project materials, the OCD has determined that the below information and/or clarifications are needed to determine if the project can be approved pursuant to 19.15.34.8(A)(3) NMAC which allows for approved OCD pilot projects related to produced water research.

- 1) Include a waste management plan. Note, waste that comes into contact with produced water whether treated or untreated must be disposed of at an OCD approved surface waste management facility.
- 2) Discuss how the produced water will be transported. Note, 19.15.34.17 NMAC requires a transporter of produced water to file and complete a Form C-133.
- 3) Provide an equipment/material list along with size/volumes.
- 4) Describe any land disturbance, if applicable.
- 5) Provide a list of chemicals used as part of the pilot project, if applicable, and a representative laboratory analysis of the concentrated reject water.
- 6) Describe the secondary containment (i.e., type and size/volume including freeboard) utilized, if applicable, and what is meant by “verifiably leak proof.” If applicable, what measures will be taken during a rain event (e.g., will a vacuum truck be utilized to remove rainwater to ensure proper storage capacity in the event of a release).
- 7) What target constituents will be tested throughout the pilot project and what is the sampling frequency?

- 8) What is the expected duration of the pilot project?
- 9) Include the site's inspection frequency along with the parameters that will be inspected.
- 10) Include a copy of the commercial hemp license.
- 11) Add clarification where the unused treated produced water will be recycled.
- 12) Include a closure plan and associated cost estimate to return the site back to original conditions. Note, financial assurance is required for approved pilot projects.

If Enchantment Water, LLC wishes to proceed in permitting this project, a formal C-147 Form submittal package needs to be submitted via OCD's Permitting website located at <https://www.emnrd.nm.gov/ocd/ocd-e-permitting/>. If you have any questions, please do not hesitate to contact me at (505) 795-1722 or via email at LeighP.Barr@emnrd.nm.gov.

Take Care,



Leigh Barr
Administrative Permitting Supervisor

Responses to OCD
Infinity Water Solutions
1/18/24

The New Mexico Oil Conservation Division (OCD) has reviewed the C-147 Form submittal for a research pilot project using treated produced water to grow hemp. After careful review of the project materials, the OCD has determined that the below information and/or clarifications are needed to determine if the project can be approved pursuant to 19.15.34.8(A)(3) NMAC, which allows for approved OCD pilot projects related to produced water research.

1) Include a waste management plan. Note, waste that comes into contact with produced water whether treated or untreated must be disposed of at an OCD approved surface waste management facility.

As a pure-play recycler, Infinity operates within a closed-loop network. We recycle 100% of what we gather, avoiding the need to use any SWD for disposal purposes. During this pilot, 100% of the water gathered and treated will be recycled. Any left over water will be recycled back into our system which is currently in commission supplying treated produced water back to oil and gas operators for completions.

At the conclusion of the cultivation cycle, all of the hemp plants will be harvested for yield measurements. Additionally, samples will be collected for an advanced water content, cannabinoid content, and terpene content analysis. All excess plant material will be broken down and homogenized into a fibrous mulch, which will then be packaged into large disposable garbage bags for disposal in a certified landfill facility. It is important to note that this disposed mulch material **will not contain psychoactive cannabinoids**. Any residual cannabinoids will be present in acidic, carboxylated precursor forms that do not induce psychoactivity if ingested.

2) Discuss how the produced water will be transported. Note, 19.15.34.17 NMAC requires a transporter of produced water to file and complete a Form C-133.

All desalinated produced water will be transported in 6 bbl food-grade plastic tote containers via truck. They are high-strength, all-steel storage and water dispensers made of chemical-resistant HDPE with a surrounded galvanized steel cage:

https://www.uline.com/Product/Detail/H-4420/IBC-Tanks/IBC-Tank-with-Steel-Pallet-330-Gallon?pricode=WA9632&gadtype=pla&id=H-4420&gclid=Cj0KCQjwj5mpBhDJARIsAO_VjBdqiHSS4SruHM8CFZW6X7yinhVt07DJR353lnKZGYLqWoHRt-zEGxDoaAsYZEALw_wcB

3) Provide an equipment/material list along with size/volumes.

- Current 125kbpd Infinity Water Solutions pretreatment system. Dimensions are about 35 ft long by 15 ft tall.
- 100 bpd desalination system
- Six, high-strength all-steel storage and water dispenser;
Chemical-resistant HDPE tank surrounded by a galvanized steel cage:

https://www.uline.com/Product/Detail/H-4420/IBC-Tanks/IBC-Tank-with-Steel-Pallet-330-Gallon?pricode=WA9632&gadtype=pla&id=H-4420&gclid=Cj0KCQjwj5mpBhDJARIsAOVjBdqIHSS4SruHM8CFZW6X7yinhVt07DJR353InKZGYLqWoHRt-zEGxDoaAsYZEALw_wcB

- Three 30-yard dewatering boxes that will be retrofitted for use as leak-proof grow boxes. Dimensions and manufacturer information is attached.
- 100kW generator as power source for desalination system

4) Describe any land disturbance, if applicable.

N/A

5) Provide a list of chemicals used as part of the pilot project, if applicable, and a representative laboratory analysis of the concentrated reject water.

Hydrogen peroxide and/or ozone will be used during pretreatment. Desalination will be accomplished with either a thermal-based or membrane-based technology that does not utilize exogenous chemicals. The resulting desalinated effluent will be ~400 mg/L TDS, ~2mg/L TOC, and within the SDWA federal drinking water standards for a broad panel of metal ion constituents. The resulting reject solution, which will be recycled back into Infinity's current water treatment process, will have ~250,000 mg/L TDS, ~10 mg/L TOC, and mg/L amounts of various metals (iron, strontium, calcium, magnesium, barium, etc.)

6) Describe the secondary containment (i.e., type and size/volume including freeboard) utilized, if applicable, and what is meant by "verifiably leak proof." If applicable, what measures will be taken during a rain event (e.g., will a vacuum truck be utilized to remove rainwater to ensure proper storage capacity in the event of a release).

Shallow pits (<1 ft depth) will be cleared and lined prior to placing the grow boxes that will house the crops in question. A vacuum truck will be available if stagnant rainwater presents an issue in either the grow boxes or the secondary containment pits.

7) What target constituents will be tested throughout the pilot project and what is the sampling frequency?

The list below illustrates the extent of analytical testing that will be performed during the water treatment portion of this study.

Anions (SM4500, SM2320B)

Chloride
Bromide
Fluoride

Nitrate
Sulfate

Metals and Minerals Analysis (EPA 200.7, EPA 245.1)

Ag, Silver	Fe, Iron	Se, Selenium
As, Arsenic	Hg, Mercury	Sb, Antimony
Ba, Barium	Li, Lithium	Sr, Strontium
Cd, Cadmium	Mo, Molybdenum	
Co, Cobalt	Mn, Manganese	V, Vanadium
Cr, Chromium	Na, Sodium	Zn, Zinc
Ni, Nickel		
Cu, Copper	Pb, Lead	

Volatile Organic Compounds Analysis (EPA 8260)

Acetone
Carbon disulfide
Benzene
Carbon tetrachloride
Bromobenzene
Chlorobenzene
Bromochloromethane
Chloroform
Bromodichloromethane
Chloromethane
Bromoform
2-Chlorotoluene
Bromomethane
4-Chlorotoluene
2-Butanone
1,2-Dibromo-3-chloropropane
n-Butylbenzene Dibromochloromethane
tert-Butylbenzene
1,2-Dibromoethane
sec-Butylbenzene Dibromomethane
1,2-Dichlorobenzene
1,4-Dichlorobenzene
1,3-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethylene
cis-1,2-Dichloroethene
trans-1,2-Dichloroethylene
1,2-Dichloropropane
1,3-Dichloropropane

2,2-Dichloropropane
cis-1,3-Dichloropropene
1,1-Dichloropropene
trans-1,3-Dichloropropene Ethylbenzene
Hexachlorobutadiene
2-Hexanone
Iodomethane
Cumene
4-Isopropyltoluene
Methylene chloride
4-Methyl-2-pentanone
Naphthalene
n-Propylbenzene
Styrene

1,1,1,2-Tetrachloroethane
1,1,1,2-Tetrachloroethane
Tetrachloroethene
Toluene
1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene
1,1,1-Trichloroethane
Trichloroethylene
Trichlorofluoromethane
1,2,3-Trichloropropane
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
Vinyl chloride
o-Xylene
m,p-Xylene
Methyl tert-Butyl Ether

8) What is the expected duration of the pilot project?

The water treatment phase will last no more than 1 week. Once the final desalinated effluent meets our internal specifications (<400 mg/L TDS and <2 mg/L TOC), the requisite amount of desalinated effluent will be stored in totes for use on the crops in question.

9) Include the site's inspection frequency along with the parameters that will be inspected.

Water quality will be monitored daily during the water treatment phase of this pilot.

10) Include a copy of the commercial hemp license.

See attached.

11) Add clarification where the unused treated produced water will be recycled.

Any and all unused desalinated produced water, unused pretreated produced water, and desalination rejection solution will be recycled back into Infinity's internal water treatment system.

12) Include a closure plan and associated cost estimate to return the site back to original conditions. Note, financial assurance is required for approved pilot projects.

Upon completion, it will cost less than \$5,000 to return the site back to its original condition. We are happy to provide financial assurance for the project once approved.

**30 YARD**

Dewatering Roll Off Box

Dewatering Box rentals from Ironclad Environmental Solutions are passive-gravity dewatering containers available in all three of the roll-off box configurations: Roll-tarp, Metal-Lid and Vacuum. Each roll-off box is equipped with a steel-frame screen-insert which creates a French drain system within the individual containers interior. Dewatering boxes are available to separate liquid from sludge and slurry and to simplify waste disposal.



*Photos are representational; actual products vary. Additional product plans and specifications may vary from those shown and are subject to in-stock availability.

Dimensions and Weights

Length: 23' 1 5/8"

Width: 8' 1/2"

Height: 6' 4 1/8"

Capacity: 30 cubic yard
(6,048 gallons)

Tare Weight: 10,050 lbs

Construction

Floor: 1/4" A36 plate

Walls: 3/16" A36 plate

Long Sill: 6 x 2 x 1/4" tubing

Features

Drain: Two 4" flanged drain
(curb and street)

Liner hooks: 24" all around

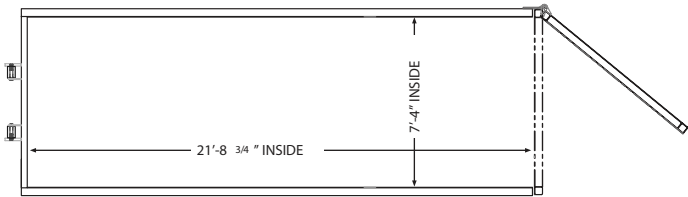
Wheels: 10" steel

Learn more at [IroncladEnvironmental.com](https://www.ironcladenvironmental.com)

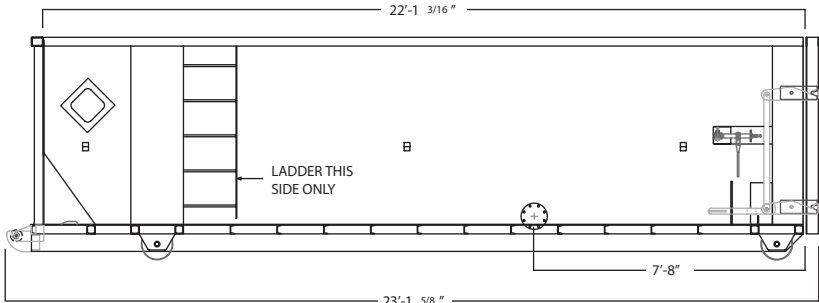
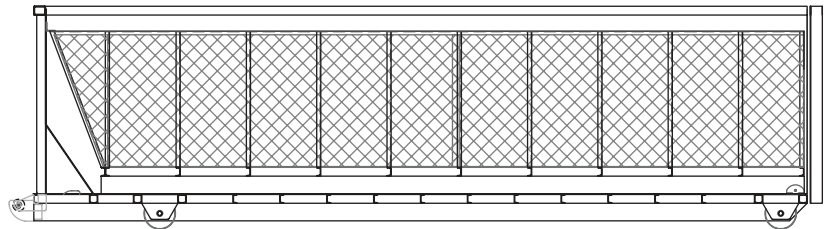


ROLL OFF BOX

Dewatering Box Drawing



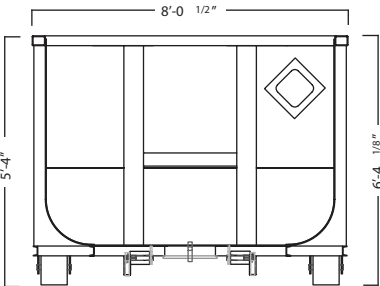
Top View



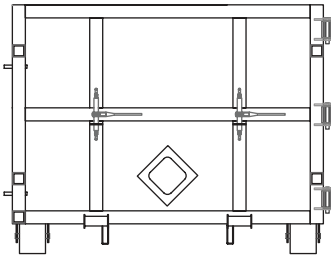
*Some details not shown in all views. Overall dimensions are normal.

*Photos are representational; actual products vary. Additional product plans and specifications may vary from those shown and are subject to in-stock availability.

Side View



Front View



Rear View:

Learn more at [IroncladEnvironmental.com](https://www.IroncladEnvironmental.com)





2023 ANNUAL HEMP COMMERCIAL PRODUCTION LICENSE
NEW MEXICO DEPARTMENT OF AGRICULTURE

WILLIAM HAUGHTON DITTO is hereby granted a 2023 Annual Hemp Commercial Production License pursuant to state law, regulations and policies administered by the Board of Regents of New Mexico State University. The licensee and designees are granted authorities to transport, possess, propagate, and market *Cannabis sativa* L. plants and plant material that meet the definition of hemp ($\leq .3\%$ THC post-decarboxylation). This license may not provide aforementioned authorities related to transportation of hemp out-of-state or transport through Customs and Border Protection interior checkpoints. (Authorities: 76-24-1 through 76-24-1 NMSA; 21.20.2 NMAC).

AHPL- 7 -2023

NMDA LICENSE NO.

35_0048

USDA LICENSE NO.

07/31/2023

ISSUED

3/27/24

EXPIRES 240 DAYS AFTER
DATE OF ISSUANCE OR
HARVEST (1ST OCCURRENCE)

ISSUED TO:

CERBERUS LAND & CATTLE COMPANY, LLC
8849 LARSON ST.
HOUSTON TX 77055

RESPONSIBLE INDIVIDUAL:

WILLIAM HAUGHTON DITTO
2434 BATTLE AXE ROAD
JAL NM 88252

GROWING LOCATIONS(S):

32.020727, -103.558989

County: LEA

Nearest City/Town: JAL

Lisa Collier

Digitally signed by Lisa Collier
Date: 2023.07.31 15:59:41 -06'00'

AUTHORIZED NEW MEXICO DEPARTMENT OF AGRICULTURE OFFICIAL

07/31/2023

DATE:

Office Number: 575-646-3207

Lisa Collier

New Mexico Department of Agriculture

Entomology and Nursery Industries

3190 S. Espina

Las Cruces, NM 88003

New Mexico Department of Agriculture
Entomology and Nursery Industries
MSC 3BA, New Mexico State University
P.O. Box 30005
Las Cruces, NM 88003

USDA/NMDA HEMP PRODUCTION PROGRAM 2023 DATA COLLECTION FORM

Hemp produced under the terms of your license is part of the USDA Hemp Production Program. As part of the USDA Hemp Production Program and as per licensure with the New Mexico Department of Agriculture, reporting on hemp planting, harvesting, and disposal is required for the 2023 growing season. The following data on hemp production for this year is now being requested in order to complete the annual report required by the USDA Agriculture and Marketing Service. **Please complete the following for each hemp production license obtained and return to the New Mexico Department of Agriculture no later than January 12, 2024.** Failure to return the completed form may result in a violation of your license and/or inability to obtain future hemp production licenses.

1. Account Cerberus Land & Cattle Company, LLC

Enter the *full name* of the licensed producer as listed on your license.

2. NMDA License Number AHL-7-2023

3. USDA FSA License Number 35_0048

ex. 35_00077

4. Location Type Field

Field/Outdoor or Greenhouse/Indoor

Questions 5 through 7: If the Location Type is "Greenhouse/Indoor" report the total in square feet. If the Location Type is "Field/Outdoor" report the total acres. If the outdoor area is less than one acre, estimate land area and enter as a decimal (1/4 acre = .25; etc.).

5. Total Planted (0) zero

Square feet or Acreage

6. Total Harvested (0) zero

Square feet or Acreage

7. Total Disposed for Non-Compliance (0) zero

Enter the total amount of hemp disposed this year due to non-compliant THC levels. Exclude disposals due to damage from weather, pests, etc.

8. Intended Use Select all intended uses that apply from the options below.

☐ CBD

☐ Fiber

☐ Grain

☐ Seed

☐ Propagative Material

☒ *Research & Development*

9. Explanation of Discrepancies If necessary, enter a reasoning for the value difference between the Total Planted and Total Harvested that the Total Disposed for Non-Compliance does not account for, such as weather, poor germination, pests, etc.

N/A

I certify that the information provided in this form is true and accurate:



Signature of Licensee

1/4/2024

Date

Please email to hemp@nmda.nmsu.edu or mail to New Mexico Department of Agriculture, MSC 3BA, New Mexico State University, P.O. Box 30005, Las Cruces, NM 88003-8005.

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 313568

CONDITIONS

Operator: Enchantment Water, LLC 1250 S. Capital of Texas Hwy. Austin, TX 78746	OGRID: 329620
	Action Number: 313568
	Action Type: [C-147] Water Recycle Short (C-147S)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	See conditions of approval by email.	3/4/2024