

April 24, 2025

QUIVIRA CNCL, BOY SCOUTS OF AMERICA  
c/o Paul King  
3247 N. OLIVER AVE.  
WICHITA, KS 67220

RE: Kansas Water Pollution Control  
Permit No. C-VE33-NO01

Dear: Wayne Warren

Thank you for your participation in the routine compliance inspection of your facility conducted on April 24, 2025. These inspections and our overall review of data and documentation provided by your facility help us determine overall compliance with the permit listed above. Please read the attached inspection report carefully. It documents the items discussed onsite during the inspection, and provides additional guidance.

At the time of the inspection your facility was **In Compliance** with your permit.

**Reminders:**

- KDHE recommends operators periodically review the facility's KWPC permit to remain familiar with all permit conditions.
- The KWPC permit requires you to report any wastewater bypass incidents, including collection system overflows, bypasses, spills, or any time wastewater not receiving full treatment is discharged to KDHE within 24 hours with a written report required within 5 days. An Incident Report Form is available at <https://www.kdhe.ks.gov/1056/Technical-Services> under Wastewater Permit Application Forms & Related Information, then Incident Reporting.
- Please continue to encourage your operations and collection system personnel to attend operator training courses and seminars that are held at various locations throughout the state. More information about operator certification and training opportunities can be found at <https://www.kdhe.ks.gov/638/Water-Wastewater-Operator-Certification>.

**Operation and Maintenance Goals for Wastewater Stabilization Ponds:**

- The primary cell should have a deep green sparkling color indicating high pH and dissolved oxygen (DO).
- The water surface should have wave action when the wind is blowing.
- A good pond will have neither weeds growing in the water nor tall weeds on the bank to stop wave action. Tall weeds block-out or stop needed wave action.
- Pond dikes should have a good stand of grass above the water line. The grass should be kept mowed to prevent soil erosion and insect problems.
- Inlet and interconnecting boxes should be kept clean. There should be no floating debris, caked scum, or other trash that might produce odors or be unsightly.

KEITH HOWELL, QUIVIRA CNCL, BOY SCOUTS OF AMER

April 24, 2025

Page 2

If you have any questions, comments, or concerns about this letter or any operation or maintenance issues in the future, please contact me at (620) 431-2390 or [jared.a.lytle@ks.gov](mailto:jared.a.lytle@ks.gov).

Sincerely,

A handwritten signature in black ink, reading "Jared Lytle". The signature is fluid and cursive, with the first name "Jared" being larger and more prominent than the last name "Lytle".

Jared Lytle

Environmental Compliance/Regulatory Specialist  
Southeast District Office  
Bureau of Environmental Field Services

C.

# QUIVIRA SCOUT RANCH : 0J9A-5K51-PS9

WW - Wastewater Lagoon Inspection Form

Inspector: Jared Lytle

Start Date: 04/24/2025 Completed Date: 04/24/2025

## General Information

1. Facility Name:	QUIVIRA SCOUT RANCH
2. Facility Address: 1781 ROAD 19, SEDAN, KS 67361	
3. Primary Mailing Address: 3247 N. OLIVER AVE., WICHITA, KS 67220	
4. Design Capacity:	3,625 gpd
5. Current Population:	Population is seasonal. Around 1000 kids come through the camp during the summer.
6. KDHE Representative:	Jared Lytle
7. KWPC Permit No.	KSJ000537 C-VE33_NO01
8. Inspection Date:	04/15/2025
9. Previous Inspection Date:	04/08/2021
10. Is there a schedule of compliance in the permit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
11. Is there an enforcement order against the permittee for this facility?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
12. Were samples collected, and/or split with the facility?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

## Contacts Information

1. Contacts / Responsible Staff / Certified Operators information					
Name	Present	Title	Certification Level	Email Address	Telephone No.
Wayne Warren		WW Operator	Class 3	wwarren@coffeyville.com	(Home) 620-252-6146
Paul King		Scout Ranch Ranger		paul.king@scouting.org	(Cell) 575-224-0218
2. Does the level of staff certification comply with K.A.R. 28-16-36?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	

# QUIVIRA SCOUT RANCH : 0J9A-5K51-PS9

WW - Wastewater Lagoon Inspection Form

Inspector: Jared Lytle

Start Date: 04/24/2025 Completed Date: 04/24/2025

## Facility Information

1. Briefly describe the operation and condition of the facility.

The system consists of 3 facilities. 1-2 cell lagoon system that serves as the black water for all onsite facilities, The majority gravity flow to the facility and all pit toilets onsite are periodically pumped and hauled to the lagoons. The remaining two facilities are single cell lagoons that serve grey water only from two shower facilities.

plans have been submitted and approved through Topeka to expand the 2 cell black water system to a 5 cell system. The ranch is planning on expanding in the future and adding newer shower facilities. The idea is that the 5 cell system will handle all wastewater onsite after that.

2. Is the facility description in the permit accurate?

☒ Yes ☐ No ☐ NA

3. Describe any significant changes, additions, or improvements to the facility since the last inspection.

None. The facility upgrades have no set date for construction.

4. Is facility proposing any modifications?

☒ Yes ☐ No ☐ NA

5. Have there been any citizen complaints since the last inspection?

☐ Yes ☒ No ☐ NA

6. Is this a non-discharge facility?

☒ Yes ☐ No

## Influent/ Effluent

1. Any significant changes in the influent?

☐ Yes ☒ No ☐ NA

2. Any high strength or problem influents to the treatment system?

☐ Yes ☒ No ☐ NA

3. Does this facility accept other types of hauled in wastewater?

☒ Yes ☐ No ☐ NA

3a. Describe

The system very rarely accepts hauled in waste from Patriot Pumping; the contractor they work with to empty the pit toilets onsite. When they're in the area, sometimes they request dumping at the facility.

4. Has the facility had any upsets or surge loading in recent past (1-2 years)?

☐ Yes ☒ No ☐ NA

5. Is treated effluent used for irrigation?

☐ Yes ☒ No

9. Is treated effluent used other than for irrigation?

☐ Yes ☐ No ☒ NA

# QUIVIRA SCOUT RANCH : 0J9A-5K51-PS9

## WW - Wastewater Lagoon Inspection Form

Inspector: Jared Lytle

Start Date: 04/24/2025 Completed Date: 04/24/2025

### Influent/ Effluent

10. Indicate user and location(s) of reuse:

11. Is the treated wastewater disinfected prior to re-use?

☐ Yes ☐ No ☒ NA

12. If effluent flows to a stream, describe any negative effects on the receiving stream.

### 503 Sludge Program

KDHE, using provisions previously agreed upon with EPA, has produced a reduced 503 sludge reporting form for 503 sludge removal from lagoons.

### Incident Reporting History

1. Are incidents reported according to permit requirements?

☒ Yes ☐ No ☐ NA

2. Since the last inspection how many incidents (bypasses) have been reported at the following locations:

Location	Incidents Count
Treatment Facilities	0
Lift Stations	0
Collection System	0
Private Service Lines	0

### Backup Power and Emergency Procedures

1. Are backup power sources available for the treatment facility?

☐ Yes ☐ No ☒ NA

1a. Are backup power sources available for the lift stations?

☐ Yes ☐ No ☒ NA

2. Describe the frequency of exercise and maintenance of backup power sources.

3. Are maintenance records for backup power supplies available?

☐ Yes ☐ No ☒ NA

4. Are there emergency procedures in the event of a power failure, equipment break down, etc...?

☐ Yes ☐ No ☒ NA

### Lagoon Operation and Maintenance

1. Total number of cells available:

4

2. Total number of cells in use:

4

3. Lagoon Details:

Cell I.D.	Order / Use (First, Second, Final etc...)	Discharge To Outfall	Number of Aeration Units	Sludge Measurement (Year)	Sludge Measurement (Excessive)	Last Year Desludged
Cell 1	First		0			Never
Cell 2	Second		0			Never
Cell 1	First		0			Never
Cell 1	First		0			Never

# QUIVIRA SCOUT RANCH : 0J9A-5K51-PS9

## WW - Wastewater Lagoon Inspection Form

Inspector: Jared Lytle

Start Date: 04/24/2025    Completed Date: 04/24/2025

### Lagoon Operation and Maintenance

On the day of inspection, the facility had not been operating for the season yet. The shower cells were very low but the WW lagoons were in excellent shape.



GPS Latitude: 37.2432472222222  
GPS Longitude: -96.1954888888889  
GPS Altitude: 292.03369140625 meters  
Photo Uploaded: 4/24/2025

View of Cell 2 at black water lagoons



GPS Latitude: 37.243325  
GPS Longitude: -96.1958222222222  
GPS Altitude: 291.37795992714 meters  
Photo Uploaded: 4/24/2025

View of Cell 1 black water lagoons



GPS Latitude: 37.2439805555556  
GPS Longitude: -96.1975944444444  
GPS Altitude: 301.526794258373 meters  
Photo Uploaded: 4/24/2025

View of Facility 2, Cell for showers



# QUIVIRA SCOUT RANCH : 0J9A-5K51-PS9

## WW - Wastewater Lagoon Inspection Form

Inspector: Jared Lytle

Start Date: 04/24/2025 Completed Date: 04/24/2025

### Lagoon Operation and Maintenance



GPS Latitude: 37.2423638888889  
GPS Longitude: -96.2022305555556  
GPS Altitude: 287.021545319465 meters  
Photo Uploaded: 4/24/2025

View of Facility 3, Cell for Showers

4. Describe the watercolor and wave action:

green with light wave action.

5. Are there multiple draw-off points?

☐ Yes ☒ No ☐ NA

6. Are the fence, gate(s), and warning signs sufficient and maintained?

☐ Yes ☒ No ☐ NA

The main WW facility needs to have the warning signs replaced around the exterior of the fence. The fencing around the shower lagoons could use attention in a few places where it has dropped low.

7. Is erosion of dike(s) controlled?

☒ Yes ☐ No ☐ NA

8. Is animal burrowing on dike(s) controlled?

☒ Yes ☐ No ☐ NA

9. Is there sufficient grass cover on dikes?

☒ Yes ☐ No ☐ NA

10. Is grass mowed?

☒ Yes ☐ No ☐ NA

11. Is plant / tree growth controlled within the fence of the facility?

☒ Yes ☐ No ☐ NA

12. Is seepage through the lagoon dikes controlled?

☒ Yes ☐ No ☐ NA

13. Are aquatic weeds / buildup of scum controlled?

☒ Yes ☐ No ☐ NA

14. Is the insect population minimal and controlled?

☒ Yes ☐ No ☐ NA

15. Are depth gauges maintained?

☒ Yes ☐ No ☐ NA

16. Is there a minimum of three (3) feet of water depth?

☒ Yes ☐ No ☐ NA

17. Is the influent structure properly distributing influent?

☒ Yes ☐ No ☐ NA

# QUIVIRA SCOUT RANCH : 0J9A-5K51-PS9

## WW - Wastewater Lagoon Inspection Form

Inspector: Jared Lytle

Start Date: 04/24/2025 Completed Date: 04/24/2025

### Lagoon Operation and Maintenance

- |   |   |
|---|---|
| 18. Is there a minimum of three (3) feet of freeboard in the lagoon(s)? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| 19. Is the effluent structure properly maintained?                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| 20. Is there evidence of short-circuiting?                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA |
| 21. Are there nuisance odor conditions?                                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA |

### Lift Stations Operation and Maintenance

- |                                   |   |
|-----------------------------------|---|
| 1. Total number of lift stations: | 0 |
|-----------------------------------|---|

### Collection System

- |  |   |
|--|---|
| 1. Describe the operation and condition of the collection system. Include the sewer maintenance and repair activities since the last inspection, i.e. including the use of outside contractors:<br>The collection system gravity flows to all WW Cells. All work is performed by onsite staff or contracted out. The Scouts have a work arrangement with the local National Guard Unit as well. In trade for work done on site, the Unit uses the facility for training exercises. |   |
| 2. Is there a significant inflow or infiltration problem?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA |

### Compliance and Recommendations

- |   |   |
|---|---|
| 1. Is the facility in full compliance?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| 2. Are there Operation & Maintenance (O&M) issues that must be addressed?             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA |
| 3. Are there recommended actions to mitigate future operational or compliance issues? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |

In the future when the Ranch begins construction on the WW lagoon expansion project, they should also restabilize the center berm between Cell 1 and Cell 2 as it's beginning to erode. Rip rap would be one possible way to prevent further erosion along the berm.

- |             |
|-------------|
| 4. Comments |
|-------------|

### Review

- |                                      |   |
|--------------------------------------|---|
| 1. Report Prepared and Submitted By: | Jared Lytle   |
| 1a. Date                             | 04/24/2025  |
| 1b. Signature                        |  |
| 1c. Title                            | Environmental Compliance/Regulatory Specialist  |
| 2. Approved By:                      | Jason Schultz   |




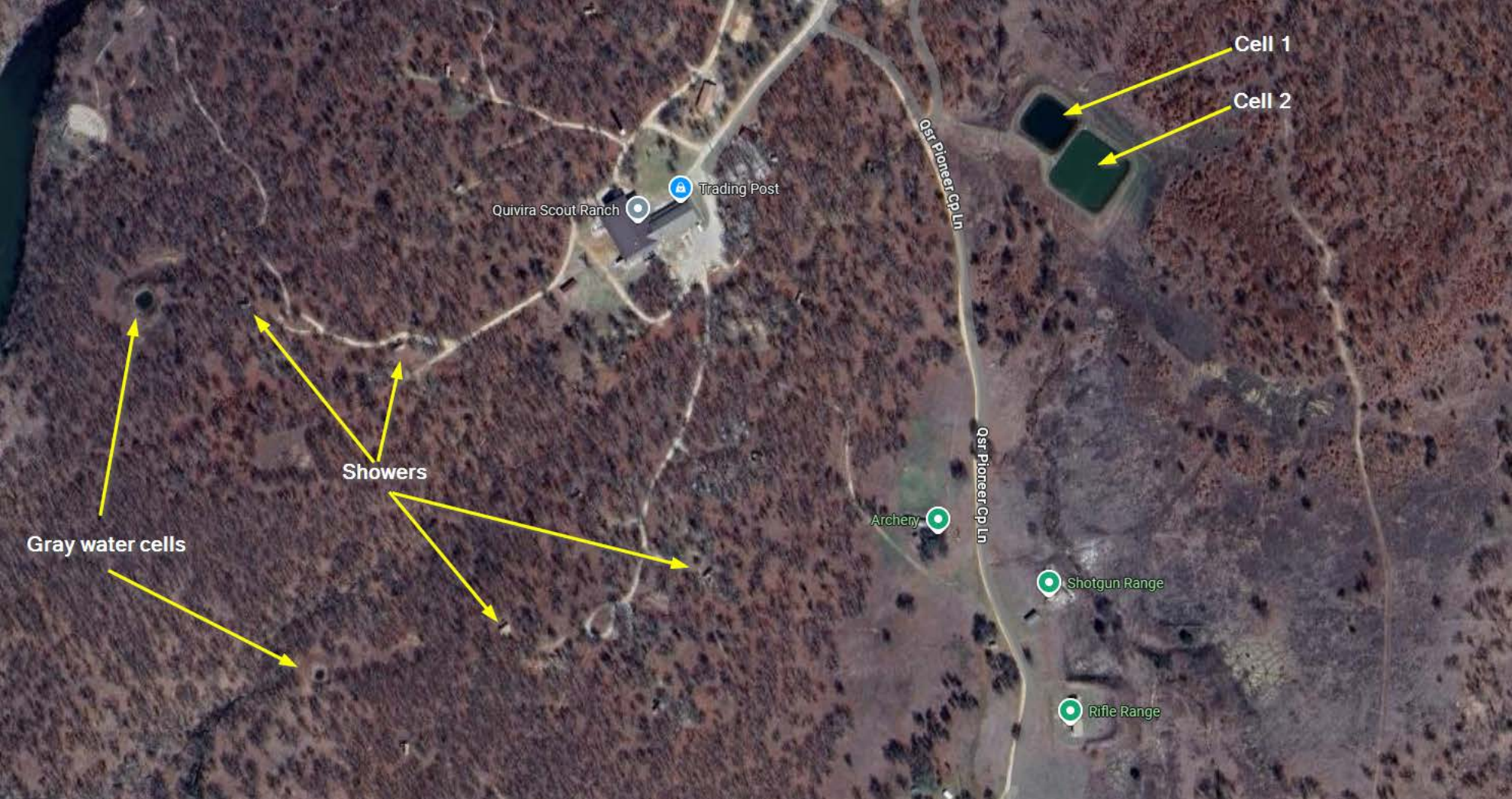
# QUIVIRA SCOUT RANCH : 0J9A-5K51-PS9

WW - Wastewater Lagoon Inspection Form

Inspector: Jared Lytle

Start Date: 04/24/2025    Completed Date: 04/24/2025

Review	
2a. Date	04/24/2025
2b. Signature	
2c. Title	Environmental Program Administrator



Cell 1

Cell 2

Qsr Pioneer Cp Ln

Quivira Scout Ranch

Trading Post

Qsr Pioneer Cp Ln

Archery

Shotgun Range

Rifle Range

Showers

Gray water cells