

March 29, 2024

Frank Johnson, Chairman
Chickasaw Tribal Utilities Authority
2020 Lonnie Abbott Blvd.
Ada, Oklahoma 74820

Re: General Permit No. OKLAS2400001 - Approved
One-Time Land Application of Biosolids
Chickasaw Tribal Utilities Authority – Goldsby Riverwind Wastewater Treatment Plant
Facility No. S-20696
OPDES Permit No. N/A

Dear Mr. Johnson:

The Oklahoma Department of Environmental Quality (DEQ), Water Quality Division (WQD) is enclosing the authorization to operate in compliance with General Permit No. OKLAS2400001, for a one-time land application of biosolids from the Chickasaw Tribal Utilities Authority's (Authority) Goldsby Riverwind Wastewater Treatment Plant's total retention lagoons. The biosolids will be pumped from the lagoon into an umbilical hose attached to a tractor. The biosolids will be applied using a splash plate attached to the tractor and incorporated with a chain drag. The Authority's application for this authorization was submitted to DEQ on February 8, 2024.

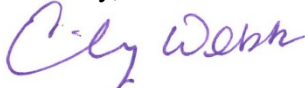
This authorization is approved in accordance with requirements of Oklahoma Administrative Code (OAC) 252:606, as adopted and promulgated pursuant to the Environmental Code, 27 Oklahoma Statute (O.S.) Supp. 2011.

The authorization is for a one-time application of biosolids to the following site:

100 acres located within the NW¼ of Section 17, Township 7 North, Range 3 West of the Indian Meridian, McClain County, Oklahoma.

The biosolids operation authorized by this document should be maintained in accordance with the DEQ General Permit. DEQ must approve any deviation from this authorization in writing before changes can be made. I am returning a copy of the signed Authorization for your records. Please feel free to contact me at 405-702-8236 if you have any questions or concerns.

Sincerely,



Emily Webb, District Representative
Municipal Wastewater Enforcement Section
Water Quality Division
Oklahoma Department of Environmental Quality

Enclosure: As stated

EW/MM/hb

WM/CB

cc: Shane McCage, Superintendent, Goldsby Riverwind WWTP
Jay DeJarnett, ECLS, Ada DEQ Office
Cassandra Atwood, ECLS, Regional Manager, DEQ

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
AUTHORIZATION FOR ONE TIME LAND APPLICATION OF SEWAGE SLUDGE
UNDER GENERAL PERMIT NO. GP-OK65S
AUTHORIZATION NO. OKLAS2400001**

In compliance with Oklahoma Statute, 27A § 2-14-305 (2011) as amended, and the Rules of the Oklahoma Department of Environmental Quality (DEQ) promulgated thereunder, and in reliance on the certified statement and representation heretofore made in its application:

Chickasaw Tribal Utilities Authority
2020 Lonnie Abbott Blvd.
Ada, Oklahoma 74820
Facility No. S-20696

Is hereby authorized for a one-time land application of biosolids from the Chickasaw Tribal Utilities Authority's Goldsby Riverwind Wastewater Treatment Plant's total retention lagoons to the following site:

100 acres located within the NW¼ of Section 17, Township 7 North, Range 3 West of the Indian Meridian, McClain County, Oklahoma.

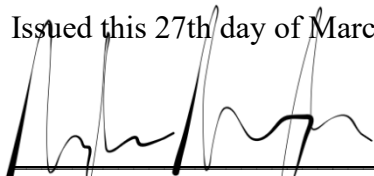
whose site-specific and land application site conditions conform to and are in accordance with residuals characteristics, monitoring requirements and other conditions set forth in Part I of this Authorization.

Issuance of this Authorization in no way or in any respect affects the permittee's civil or criminal responsibilities regarding beneficial reuse of biosolids, except with respect to the permittee's legal responsibility under the Environmental Code and Rules promulgated by the Board of Environmental Quality to obtain this permit.

This Authorization is non-transferable and is granted summarily by and at the discretion of the Executive Director in accordance with applicable DEQ Rules and provisions of the above-referenced Permit.

This is to certify that the proposed beneficial reuse of biosolids set forth in this Authorization meets the requirements of the DEQ Rules, provided the permittee does not exceed the loading rates and/or metal concentrations set forth in this Authorization.

Issued this 27th day of March 2024.



Myles Mungle, P.E., Engineering Manager
Municipal Wastewater Enforcement Section
Water Quality Division
Oklahoma Department of Environmental Quality

Note: Expiration date is upon completion of existing biosolids removal as from the total retention lagoons at the Chickasaw Tribal Utilities Authority's Goldsby Riverwind Wastewater Treatment Plant.

PART I: MONITORING, LOADING RATES, METAL CONCENTRATIONS AND OTHER REQUIREMENTS.

SECTION A - MONITORING REQUIREMENTS

During the period beginning on the effective date and lasting through the expiration date of this Authorization, the Permittee shall monitor all land application of sewage sludge in accordance with the following schedule.

Pollutants shall be monitored at the frequency schedule(s) shown below:

Amount of Sewage Sludge* (Metric tons/365-day period)	Frequency
0 ≥ Sludge ≤ 290	Once/Year
290 ≥ Sludge ≤ 1,500	Once/Quarter
1,500 ≥ Sludge ≤ 15,000	Once/Two Months
15,000 ≥ Sludge	Once/Month

*The amount of bulk sewage sludge applied to the land (dry weight basis).

Representative samples of sewage sludge shall be collected and analyzed in accordance with the methods referenced in 40 C.F.R. § 503.8 (b) (2011).

The required monitoring results shall be retained for the period of the Authorization. The results shall be submitted to the Department as follows:

SAMPLING FREQUENCY	REPORTING DEADLINE(S)
Yearly	
January	February 28
Quarterly	
January, February, and March	April 28
April, May, and June	July 28
July, August, and September	October 28
October, November, and December	January 28
Bi-monthly	
January - February	March 28
March - April	May 28
May - June	July 28
July - August	September 28
September - October	November 28
November - December	January 28
Monthly Sampling	Due the 28th of the following month

SECTION B - LOADING RATES AND METAL CONCENTRATIONS

In addition to all other requirements and conditions of this General Permit, the Permittee is authorized to land apply sewage sludge only upon the condition that the pollutant ceiling concentration and cumulative pollutant loading rate shall not exceed the listed numerical limits.

Metal concentrations of sewage sludge - Sewage sludge shall not be applied to the land if the concentration of any of the pollutants exceeds the following pollutant concentrations:

TABLE 1	
Pollutant	Ceiling Concentrations (milligrams per kilogram) *
Arsenic	75
Cadmium	85
Copper	4300
Lead	840
Mercury	57
Molybdenum	75
Nickel	420
Selenium	100
Zinc	7500

*Dry Weight Basis

Cumulative Pollutant Loading Rate Limits:

TABLE 2	
Pollutant	Cumulative Pollutant Loading Rate (kilograms per hectare)
Arsenic	41
Cadmium	39
Copper	1500
Lead	300
Mercury	17
Molybdenum	Monitor
Nickel	420
Selenium	100
Zinc	2800

All bulk sewage sludge which is applied to agricultural land, forest, or a reclamation site shall be treated by either Class A or Class B pathogen reduction requirements as defined in Part I Section 1.B.5 of the General Permit. The Permittee may land apply sewage sludge only during the effective date of this Authorization and shall immediately cease and desist any and all land application of sewage sludge made pursuant to such Authorization upon its expiration or at any time the required monitoring indicates that the cumulative loading rate is greater than the allowable rate set forth in this Authorization.

PART II: SPECIAL AND STANDARD CONDITIONS**SECTION A - SPECIAL CONDITIONS**

1. There shall be no runoff or discharge from the land application site.
2. The commingling of sewage sludge with any other type of sludge or wastewater intended for land application is not allowed under this Authorization. Sludge which results from the commingling of sewage and any other additive shall not be land applied under this Authorization.
3. Special conditions and/or modification for specific land application sites will be included in the Authorization as necessary to protect the waters of the State.
4. When storage of sewage sludge is necessary, prior to land application, the sludge must be stored in a manner to prevent pollution to the waters of the State.
5. The Permittee is hereby given notice that this Authorization is in all respects subject to compliance with any and all applicable and relevant terms, conditions, provisions and requirements and any and all amendments of the laws of the State of Oklahoma and the Board of Environmental Quality's Rules. The absence of any express reference within this Authorization to any particular statutory requirement, rule(s) or standard(s) shall in no respect be deemed or construed to exempt or preclude the application of such requirement, rule(s) and standard(s) to this Authorization or the Permittee. By approval, grant and issuance of this Authorization, Permittee acknowledges receipt of true, correct, and current copies of the Board of Environmental Quality's rules (as amended) provided, however, that Permittee further acknowledges that any and all amendments thereto shall become part of this Authorization.

SECTION B - STANDARD CONDITIONS

1. Duty to reapply: If the Permittee wishes to continue an activity regulated by this Authorization after the expiration date of said Authorization, the Permittee must reapply for and obtain a new Authorization. Application for renewal shall be submitted at least ninety (90) days before the expiration date of the original Authorization. The Department may grant permission to submit a renewal application out of time but not later than the original Authorization expiration date.
2. Duty to provide information: The Permittee shall furnish to the Department, within reasonable time, any information which the Department may request to determine whether cause exists for modifying or revoking the Authorization, or to determine compliance with the Authorization.
3. Facilities operation: All facilities and equipment used by the Permittee shall be operated as efficiently as possible and be maintained in good working order so as to achieve compliance with the terms and conditions of this Authorization.
4. Right to entry: The Permittee shall allow any representative of the Department, upon presentation of credentials to a responsible person to:
 - a. Enter upon the Permittee's premises where sewage sludge is being land applied or where any records are required to be kept under the terms and conditions of the permit.

- b. At reasonable times have access to and copy any records required to be kept under the terms and conditions of this Authorization; to inspect any equipment utilized in the land application of the sewage sludge; to take photographs; and to sample the sewage sludge being land applied or the soil at the land application site.
 - c. Enter upon the Permittee's premises to examine and inspect any facilities and equipment covered under the terms of the permit.
5. Monitoring and reporting: All monitoring and reporting shall be in accordance with Part I, Section A of the Authorization.
6. Noncompliance notification: If, for any reason, the Permittee does not comply with or is unable to comply with any term(s) or condition(s) of the permit, the Permittee shall within five (5) days of becoming aware of such condition, provide the Department with the following information in writing:

Description of the noncompliance and the cause; and

the period of noncompliance, including exact dates and times; or, if not corrected the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncompliance.

7. Sludge application limitations: Sewage sludge shall not be applied to any site which is flooded, frozen, snow covered or within 10 meters of any water of the United States.

RECEIVED
Feb 08 2024
WATER QUALITY DIVISION

From: Cindy Cantero <cantero.cj@gmail.com>
Sent: Wednesday, February 7, 2024 8:52 PM
To: Toby Harden <Toby.Harden@deq.ok.gov>
Subject: [EXTERNAL] Goldsby Riverwind WWTP

Toby,
Please find attached an application for biosolids land application for Goldsby Riverwind WWTP. Please let me know if you have any questions or concerns.

Chickasaw Tribal Utility Authority (CTUA)

Goldsby Riverwind WWTP

Operations

SandyLand Environmental has been contracted to remove the biosolids from a lagoon at the Goldsby Riverwind Wastewater Treatment Plant. The biosolids will be pumped from the lagoon with a booster pump through a 6-inch main line. Then the biosolids will go into an umbilical hose which is pulled by a tractor across the field. The biosolids will hit a splash plate and spread uniformly across the field.

All land applied biosolids will be soil incorporated within 6 hours. The procedure for the application of biosolids will be as follows:

1. Aeration of site immediately prior to application. The pasture aerator is a cylinder with flat spikes projecting from the cylinder. The cylinder is weighted so that the soil is penetrated by the spikes. The aerator is pulled, by a tractor, across the field leaving openings in the soil followed by the biosolids application.
2. Spreading of biosolids per method described above. The biosolids hit a splash plate and spread uniformly across the field.
3. Incorporation of biosolids by end of the workday. The biosolids are incorporated by using a chain drag. The chain drag is pulled across the field with a tractor.

Pathogen Reduction

Pathogen Reduction (40 CFR 503.32) for Class B Biosolids was met by Alternative 1 (Fecal Coliform Geometric Mean of 7 samples is < 2,000,000 MPN or CFU/gram dry weight basis) as shown in the following table.

Sample	Fecal Coliform (CFU/g-dry)
1	<100
2	<100
3	<100
4	<100
5	<100
6	<100
7	<100
Geo Mean	<100

Vector Attraction Reduction

Vector Attraction Reduction (40 CFR 503.33(b)(10) for Class B Biosolids was met by Option 10 (Sewage sludge is incorporated into the soil within 6 hours after application to land.)

Contractor Information

SandyLand Environmental
4930 NS 3775
Allen, OK 74825

Land Application Site

Chickasaw Tribal Utility Authority: The Chickasaw Nation
Goldsby Riverwind WWTP
Mailing Address:
2020 Lonnie Abbott Blvd
Ada, OK 74820

100 acres in Section 17, Township 7 North, Range 3 West, McClain County.

Attachment 1 contains an aerial map with buffer zones, soil maps, topographic map and the Landowner Agreement.

Biosolids Results and Soil analytical results are in *Attachment 2*.

Site Restrictions

The following site restrictions are understood and will be followed.

The biosolids will not be land applied within two hundred fifty feet from residences or any well used for public or private water supply. The biosolids will not be applied within two feet of the highest seasonal water table nor applied to the land within one hundred feet of a stream or body of water. The biosolids will not be applied within twenty-five feet from traveled portions of public roadway.

Land application will not occur during periods of precipitation or while the soil is saturated, and absorption is hindered. In addition, biosolids will not be applied to a site that is frozen or snow covered.

This site used for land application will not be used for growing food crops or growing turf. Therefore, the site restrictions for food crops and turf do not apply.

Feed crops shall not be harvested until 30 days after application of the biosolids.

Animals shall not be grazed on land until 30 days after application of biosolids to the land.

Access to this farmland will be restricted for 30 days after biosolids application because of the low potential for public exposure. This field is remote and is fenced.

Spill Control

In the unlikely event of a spill, the following actions will be taken immediately:

- Halt Source of spill - rupture line or valve or damaged truck unit.
- Contain Spill – Use straw bales or similar containment material to form a barrier.
- Clean Up – Employ a loader if necessary, to remove as much spilled material as possible. Complete clean up with hand tools if necessary and dispose of in an approved manner.
- Reporting – As soon as possible after the spill, notify the plant for reporting to ODEQ.

Estimated Application Rates

Combining information from: 1) the biosolids analysis reports, 2) the soil analyses report and 3) the yield goal for the crop grown, biosolids application rates are determined.

Annual biosolids application rates will not exceed nitrogen and phosphorous rates denoted in OSU Extension Fact Sheet F-2225 for the crop grown and will not be applied in rates that result in phytotoxicity.

The levels of plant available nitrogen (PAN) values are calculated by use of OSU Current Report (CR) 2201.

- $PAN = Org-N (TKN-NH_4) \times V1 + NO_3_N + NH_4_N \times V2 \times 0.002$

Organic Nitrogen Mineralization (V1) is 0.40 for unstabilized primary and waste.

Ammonia Nitrogen Non-volatilized Fraction (V2) is 1.0 for surface application with incorporation.

Using the current analysis

$$PAN = (2,130 \text{ mg/kg} - 326 \text{ mg/kg}) \times 0.40 + 26.0 \text{ mg/kg} + 219 \text{ mg/kg} \times 1.0 \times 0.002$$

$$PAN = \underline{1.93 \text{ lbs./dry ton}}$$

There is an estimated 2,000,000 gallons of biosolids at 3.8% solids to cover 100 acres.

$$\begin{aligned} \text{Dry Tons/Acre} &= 2,000,000 \text{ gallons} \times 0.038 / 100 \text{ acres} \times 8.34 / 2000 \\ &= \underline{3.17 \text{ dry tons/acre}} \end{aligned}$$

$$\begin{aligned} \text{Available N, lb/acre} &= \text{lbs/dry ton} \times \text{dry tons/acre} \\ &= 1.93 \text{ lbs./dry ton} \times 3.17 \text{ dry tons/acre} \\ &= \underline{6.1 \text{ lbs./acre of nitrogen}} \end{aligned}$$

An estimated yield of 5 tons/acre of bermuda grass would allow 260 lbs./acre of nitrogen according to "OSU Soil Test Interpretations PS-2225".

The plan on this project is to apply 20,000 gallons/acre on 100 acres.

PAN = 1.93 lbs./dry ton

PAP = 18.1 lbs./dry ton

PAK = 5.7 lbs./dry ton

The biosolids analytical results are found in Attachment 2.

Application

The Municipal Sludge Land Application Permit and Application for Authorization to be Covered under General Permit are in Attachment 3.

Attachment 1
Land Application Site Maps and Landowner Agreement

Field 1

100 acres in NW ¼ of S17, T7N, R3W



—— - Field Boundary

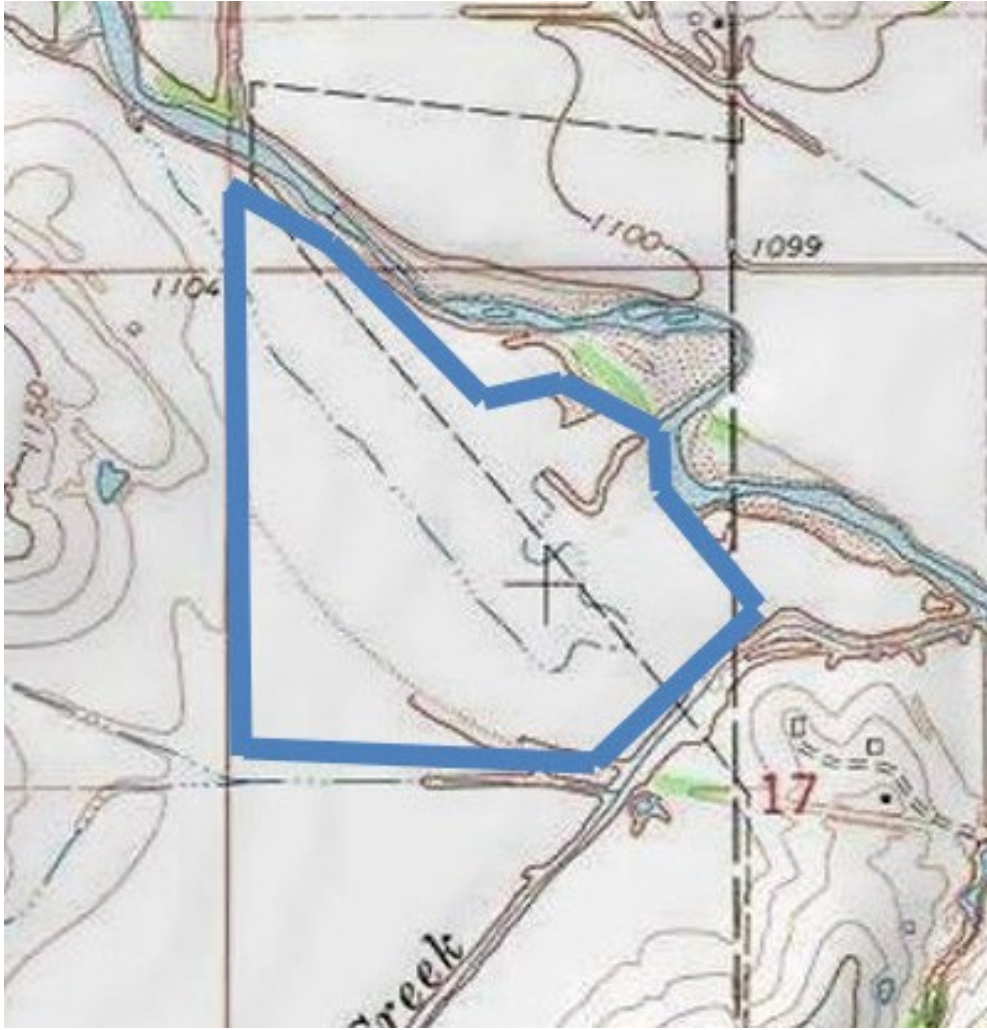
—— - Water boundary

This site does not have pipelines, utility easements, oil or gas wells, or drilling sites. This land is not used as parks, recreation area and any government owned land dedicated for special purposes.

There are no known endangered or threatened wildlife or plant species listed under Section 4 of the Federal Endangered Species Act, 16 U.S.C 1533(c) in this area.

Field 1

100 acres in NW ¼ of S17, T7N, R3W



**LANDOWNER AGREEMENT FOR THE LAND APPLICATION OF WASTEWATER
TREATMENT PLANT BIOSOLDS**

Date: 11/17/2023

Owner Name: Chickasaw Tribal Utility Authority (CTUA): The Chickasaw Nation

Address: 2020 Lonnie Abbott Blvd., Ada, OK 74820


County: McClain

Phone 580-495-7651

Farm Location / Legal Description: Goldsby Riverwind WWTP: NW 1/4 of S17 T7N R3W

Acres: 100

LANDOWNER



DATE 11/30/2023

Riverwind Chickasaw Nation

110 - Acres



Google Earth

2000 ft



Soil Map—McClain County, Oklahoma
(Goldsby Riverwind)

97° 32' 55" W

97° 31' 58" W

35° 5' 28" N

35° 5' 28" N



35° 4' 26" N

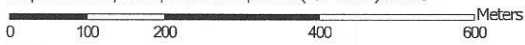
35° 4' 26" N

97° 32' 55" W

97° 31' 58" W



Map Scale: 1:9,380 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84







































Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

12/8/2023
Page 1 of 3

MAP LEGEND

- Area of Interest (AOI)**
-  Area of Interest (AOI)
- Soils**
-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features**
-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: McClain County, Oklahoma
 Survey Area Data: Version 20, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 14, 2020—Nov 2, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1	Ashport loam, 0 to 1 percent slopes, occasionally flooded	3.8	2.3%
16	Grant silt loam, 5 to 8 percent slopes, eroded	1.5	0.9%
20	Keokuk silt loam, 0 to 1 percent slopes, occasionally flooded	31.8	18.6%
33	Nash-Lucien complex, 5 to 12 percent slopes	1.0	0.6%
37	Port silt loam, 0 to 1 percent slopes, occasionally flooded	132.5	77.7%
Totals for Area of Interest		170.6	100.0%

Attachment 2
Biosolids Analytical Results
And
Soil Results

ENVIRONMENTAL RESOURCE TECHNOLOGIES, LLC

EPA laboratory code: OK00921

Oklahoma DEQ Certification No. 8304

Certificate of Analysis

Client Name: Sandyland Environmental

Date Received: 10/13/23

Project: River Wind

Report Date: 11/02/23

ERT Lab	Sample	Date	Analysis			Analyzed		Results	Units	RL	Method
			Log #	Identification	Sampled	Date	Time				
WW2310338	Sludge	10/13/23	10/24/23	23:09	AKB	TCLP Mercury	BDL	mg/L	0.0100	EPA 7470A	
			10/26/23	03:01	DJS	TCLP Arsenic	BDL	mg/L	0.100	EPA 6010B	
			10/26/23	03:01	DJS	TCLP Barium	0.155	mg/L	0.100	EPA 6010B	
			10/26/23	03:01	DJS	TCLP Cadmium	BDL	mg/L	0.100	EPA 6010B	
			10/26/23	03:01	DJS	TCLP Chromium	BDL	mg/L	0.100	EPA 6010B	
			10/26/23	03:01	DJS	TCLP Lead	BDL	mg/L	0.100	EPA 6010B	
			10/26/23	03:01	DJS	TCLP Selenium	BDL	mg/L	0.100	EPA 6010B	
			10/26/23	03:01	DJS	TCLP Silver	BDL	mg/L	0.100	EPA 6010B	
			10/20/23	18:25	JCP	TCLP Benzene	BDL	mg/L	0.0500	EPA 8260B	
			10/20/23	18:25	JCP	TCLP Carbon tetrachloride	BDL	mg/L	0.0500	EPA 8260B	
			10/20/23	18:25	JCP	TCLP Chlorobenzene	BDL	mg/L	0.0500	EPA 8260B	
			10/20/23	18:25	JCP	TCLP Chloroform	BDL	mg/L	0.250	EPA 8260B	
			10/20/23	18:25	JCP	TCLP 1,2-Dichloroethane	BDL	mg/L	0.0500	EPA 8260B	
			10/20/23	18:25	JCP	TCLP 1,1-Dichloroethene	BDL	mg/L	0.0500	EPA 8260B	
			10/20/23	18:25	JCP	TCLP 2-Butanone (MEK)	BDL	mg/L	0.500	EPA 8260B	
			10/20/23	18:25	JCP	TCLP Tetrachloroethene	BDL	mg/L	0.0500	EPA 8260B	
			10/20/23	18:25	JCP	TCLP Trichloroethene	BDL	mg/L	0.0500	EPA 8260B	
			10/20/23	18:25	JCP	TCLP Vinyl chloride	BDL	mg/L	0.0500	EPA 8260B	
			10/27/23	03:53	AMG	TCLP 1,4-Dichlorobenzene	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP 2,4-Dinitrotoluene	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP Hexachlorobenzene	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP Hexachloro-1,3-butadiene	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP Hexachloroethane	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP Nitrobenzene	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP Pyridine	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP 3&4-Methyl Phenol	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP 2-Methylphenol	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP Pentachlorophenol	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP 2,4,5-Trichlorophenol	BDL	mg/L	0.100	EPA 8270C	
			10/27/23	03:53	AMG	TCLP 2,4,6-Trichlorophenol	BDL	mg/L	0.100	EPA 8270C	

Laboratory Authorized Signature

AKB, DJS, JCP, AMG = Subcontracted to ODEQ State Lab 9915

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND/OR INSPECTED, AND ARE NOT INDICATIVE OF THE QUANTITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. UNLESS NOTIFIED IN WRITING, SAMPLES ARE DISPOSED OF 15 DAYS AFTER THE SAMPLE IS REPORTED.

ENVIRONMENTAL RESOURCE TECHNOLOGIES, LLC

EPA laboratory code: OK00921

Oklahoma DEQ State ID No. 8304

Certificate of Analysis

Client Name: Sandyland Environmental

Date Received: 09/11/23

Project: River Wind

Report Date: 11/02/23

ERT Lab Log #	Sample Identification	Date Sampled	Analysis		Analyzed		Results	Units	RL	Method
			Date	Time	By	Parameter				
WW2310338	Sludge	10/13/23	10/27/23	14:26	NWH	TCLP Chlordane	BDL	mg/L	0.00500	EPA 8081B
			10/27/23	14:26	NWH	TCLP Endrin	BDL	mg/L	0.00500	EPA 8081B
			10/27/23	14:26	NWH	TCLP Heptachlor	BDL	mg/L	0.00500	EPA 8081B
			10/27/23	14:26	NWH	TCLP Heptachlor Epoxide	BDL	mg/L	0.00500	EPA 8081B
			10/27/23	14:26	NWH	TCLP Lindane	BDL	mg/L	0.00500	EPA 8081B
			10/27/23	14:26	NWH	TCLP Methoxychlor	BDL	mg/L	0.00500	EPA 8081B
			10/27/23	14:26	NWH	TCLP Toxaphene	BDL	mg/L	0.0100	EPA 8081B
			10/25/23	03:10	HMH	TCLP 2,4-D	BDL	mg/L	0.00200	EPA 8151A
			10/25/23	03:10	HMH	TCLP 2,4,5-TP(Silvex)	BDL	mg/L	0.00200	EPA 8151A
			10/16/23	09:30	JD	Solids	3.80	%		SM_2540G
			10/20/23	02:50	SN	Phosphorus (P)	18,139	mg/kg*	131	EPA 6010B
			10/20/23	02:50	SN	Phosphorus (P)	1.81	wt %	---	EPA 6010B (Calc)
			10/20/23	02:50	SN	Potassium	2,834	mg/kg*	131	EPA 6010B
			10/20/23	02:50	SN	Potassium	0.283	wt %	---	EPA 6010B
			10/24/23	10:50	AT	Ammonia (N)	326	mg/kg*	50.4	EPA 350.1
			10/27/23	20:03	KBC	Ammonia (N)	0.0326	wt %	---	EPA 350.1 (Calc)
			10/26/23	10:45	AJ	NO3-NO2(N)	BDL	mg/kg*	26.0	EPA 353.2
			10/22/23	17:36	CAT	TKN	2,130	mg/kg*	56	4500NOrg C-2011
			11/02/23	19:06	KBC	TKN	0.213	wt %	---	4500NOrg C-2011 (Calc)
			10/17/23	15:17	SN	pH	7.97	S.U.	0.1	SM 4500-HB

Laboratory Authorized Signature

RL = Reporting Limit

*mg/kg reported on a dry weight basis

BDL = Analyte Detected Below RL

NWH, HMH, CAT = Subcontracted to ODEQ State ID 9915

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND/OR INSPECTED, AND ARE NOT INDICATIVE OF THE QUANTITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. UNLESS NOTIFIED IN WRITING, SAMPLES ARE DISPOSED OF 15 DAYS AFTER THE SAMPLE IS REPORTED.

Page 2 of 3

201 Arlington St. Ada OK 74820
(580) 332-8808 Phone (580) 421-9110 Fax

ENVIRONMENTAL RESOURCE TECHNOLOGIES, LLC

EPA laboratory code: OK00921

Oklahoma DEQ State ID No. 8304

Certificate of Analysis

Client Name: Sandyland Environmental

Date Received: 09/11/23

Project: River Wind

Report Date: 11/02/23

ERT Lab Log #	Sample Identification	Date Sampled	Analysis		Analyzed		Results	Units	RL	Method
			Date	Time	By	Parameter				
WW2310338	Sludge	10/13/23	10/20/23	15:41	LAS	Mercury	BDL	mg/kg*	0.111	EPA 7471A
			10/20/23	03:48	SN	Arsenic	5.91	mg/kg*	5.24	EPA 6010B
			10/20/23	07:28	SN	Cadmium	1.11	mg/kg*	0.524	EPA 6010B
			10/20/23	10:44	SN	Chromium	14.0	mg/kg*	0.524	EPA 6010B
			10/20/23	06:13	SN	Copper	76.9	mg/kg*	5.24	EPA 6010B
			10/20/23	06:14	SN	Lead	BDL	mg/kg*	10.5	EPA 6010B
			10/20/23	04:59	SN	Molybdenum	6.97	mg/kg*	2.62	EPA 6010B
			10/20/23	06:14	SN	Nickel	14.0	mg/kg*	2.62	EPA 6010B
			10/20/23	07:27	SN	Selenium	BDL	mg/kg*	10.5	EPA 6010B
			10/20/23	06:14	SN	Zinc	351	mg/kg*	10.5	EPA 6010B
			10/24/23	15:34	RDH	PCB 1016	BDL	mg/kg*	0.0944	EPA 8082
			10/24/23	15:34	RDH	PCB 1221	BDL	mg/kg*	0.0944	EPA 8082
			10/24/23	15:34	RDH	PCB 1232	BDL	mg/kg*	0.0944	EPA 8082
			10/24/23	15:34	RDH	PCB 1242	BDL	mg/kg*	0.0944	EPA 8082
			10/24/23	15:34	RDH	PCB 1248	BDL	mg/kg*	0.0472	EPA 8082
			10/24/23	15:34	RDH	PCB 1254	BDL	mg/kg*	0.0472	EPA 8082
			10/24/23	15:34	RDH	PCB 1260	BDL	mg/kg*	0.0472	EPA 8082

Laboratory Authorized Signature

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RDH = Subcontracted to ODEQ State ID 9915

*mg/kg reported on a dry weight basis

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Page 3 of 3

201 Arlington St. Ada OK 74820
(580) 332-8808 Phone (580) 421-9110 Fax

ENVIRONMENTAL RESOURCE TECHNOLOGIES, LLC

EPA laboratory code: OK00921

Oklahoma DEQ Certification No. 8304

Quality Control Report

Client Name: Sandyland Environmental

Date Received: 10/13/23

Project: River Wind

Report Date: 11/02/23

Date	Parameter	Method	RL (ppm)	RPD %	BLANK	Spike % Recovery	Standard % Recovery
10/13/23	Mercury	EPA 7470A	0.0100	0.430	BDL	99.7	98.9
	Arsenic	EPA 6010B	0.0100	3.25	BDL	99.9	101
	Barium	EPA 6010B	0.0100	1.83	BDL	99.7	101
	Cadmium	EPA 6010B	0.0100	1.86	BDL	98.3	99.5
	Chromium	EPA 6010B	0.0100	1.94	BDL	97.1	99.1
	Lead	EPA 6010B	0.0100	2.09	BDL	96.6	98
	Selenium	EPA 6010B	0.0100	2.31	BDL	101	102
	Silver	EPA 6010B	0.0100	2.05	BDL	96.6	98.8
	Benzene	EPA 8260B	0.0500	11.3	BDL	83.2	110
	Carbon tetrachloride	EPA 8260B	0.0500	14.9	BDL	91.6	116
	Chlorobenzene	EPA 8260B	0.0500	15.2	BDL	75.6	104
	Chloroform	EPA 8260B	0.250	19.8	BDL	83.6	114
	1,2-Dichloroethane	EPA 8260B	0.0500	15.6	BDL	89.6	115
	1,1-Dichloroethene	EPA 8260B	0.0500	21.0	BDL	76.8	104
	2-Butanone (MEK)	EPA 8260B	0.500	18.9	BDL	111	121
	Tetrachloroethene	EPA 8260B	0.0500	18.9	BDL	78.8	118
	Trichloroethene	EPA 8260B	0.0500	23.5	BDL	96.0	112
	Vinyl chloride	EPA 8260B	0.0500	20.0	BDL	84.8	98.4
	1,4-Dichlorobenzene	EPA 8270C	0.100	29.2	BDL	41.6	38.8
	2,4-Dinitrotoluene	EPA 8270C	0.100	9.88	BDL	61.6	62.4
	Hexachlorobenzene	EPA 8270C	0.100	9.24	BDL	49.8	51.4
	Hexachloro-1,3-butadiene	EPA 8270C	0.100	26.9	BDL	42.2	46.0
	Hexachloroethane	EPA 8270C	0.100	26.6	BDL	42.6	36.8
	Nitrobenzene	EPA 8270C	0.100	9.15	BDL	52.6	51.0
	Pyridine	EPA 8270C	0.100	0.000	BDL	0.000*	20.8
	3&4-Methyl Phenol	EPA 8270C	0.100	16.6	BDL	54.8	33.8
	2-Methylphenol	EPA 8270C	0.100	16.0	BDL	35.0	30.8
	Pentachlorophenol	EPA 8270C	0.100	9.56	BDL	52.6	53.6
	2,4,5-Trichlorophenol	EPA 8270C	0.100	10.6	BDL	55.4	53.8
	2,4,6-Trichlorophenol	EPA 8270C	0.100	7.32	BDL	51.0	50.6
	Endrin	EPA 8081B	0.0200	3.64	BDL	94.5	71.4
	Heptachlor	EPA 8081B	0.0200	9.45	BDL	82.7	66.0
	Heptachlor Epoxide	EPA 8081B	0.0200	2.78	BDL	88.8	68.6
	Lindane	EPA 8081B	0.0200	2.19	BDL	90.3	68.4
	Methoxychlor	EPA 8081B	0.0200	3.59	BDL	98.4	73.4
	2,4,5-TP(Silvex)	EPA 8151A	0.00200	7.75	BDL	67.0	86.6
	2,4-D	EPA 8151A	0.00200	4.32	BDL	66.2	84.2

Laboratory Authorized Signature

RL = Reporting Limit

BDL = Analyte was analyzed for but not detected above RL

*Performance of this Analyte is outside of established criteria.

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Page 1 of 2

201 Arlington St. Ada OK 74820
(580) 332-8808 Phone (580) 421-9110 Fax

ENVIRONMENTAL RESOURCE TECHNOLOGIES, LLC

EPA laboratory code: OK00921

Oklahoma DEQ State ID No. 8304

Quality Control Report


Client Name: Sandyland Environmental

Date Received: 10/13/23

Project: River Wind

Report Date: 11/02/23

Date Sampled	Parameter	Method	RL (ppm)	RPD %	BLANK	Spike % Recovery	Standard % Recovery
10/13/23	% Solids	SM_2540G	----	0.769	0.00	NA	NA
	Phosphorus (P)	EPA 6010B	0.250	2.32	BDL	96.1	90.7
	Potassium	EPA 6010B	0.250	0.874	BDL	97.0	95.7
	Ammonia (N)	EPA 350.1	0.100	0.344	BDL	102	105
	NO3-NO2 (N)	EPA 353.2	0.100	0.999	BDL	105	99.7
	TKN	4500NOrg C-2011	20.0	2.60	BDL	0.000*	107
	pH	SM 4500-HB	0.1 SU	0.251	NA	NA	101
	Mercury	EPA 7471A	0.0400	11.4	BDL	86.1	89.4
	Arsenic	EPA 6010B	0.010	0.784	BDL	93.4	92.5
	Cadmium	EPA 6010B	0.001	0.969	BDL	92.3	101
	Chromium	EPA 6010B	0.001	0.681	BDL	94.3	96.5
	Copper	EPA 6010B	0.010	0.360	BDL	90.8	89.4
	Lead	EPA 6010B	0.010	1.65	BDL	89.7	91.8
	Molybdenum	EPA 6010B	0.005	0.00129	0.00268	95.4	97.3
	Nickel	EPA 6010B	0.005	0.164	BDL	88.5	92.8
	Selenium	EPA 6010B	0.020	0.0459	BDL	82.7	92.3
	Zinc	EPA 6010B	0.020	0.508	BDL	88.3	90.1
	PCB 1016	EPA 8082	0.0340	28.7	BDL	66.7	96.4
	PCB 1260	EPA 8082	0.0170	33.5	BDL	71.0	110
	Decachlorobiphenyl (Surr)	EPA 8082	% Rec	NA	101	60.7	112
	Tetrachloro-m-xylene (Surr)	EPA 8082	% Rec	NA	110	82.9	118


Laboratory Authorized Signature

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* Outside of Control Limits

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201 Arlington St. Ada OK 74820
(580) 332-8808 Phone (580) 421-9110 Fax

ENVIRONMENTAL RESOURCE TECHNOLOGIES, LLC

131 Arlington St.

Ada, OK 74820

(580) 332-8808 Phone (580) 421-9110 Fax

EPA Laboratory Code: OK00921

ODEQ State ID No. 8304

Client: Sandyland Env

Dates Received: 10/13/23

Project: River Wind

Report Date:

ERT Lab Log# WW2310339

- CERTIFICATE OF ANALYSIS -

Sample Date	Sample ID	Fecal Coliforms cfu/gram	% solids
10/13/2023	#1	<100	3.92
10/13/2023	#2	<100	3.89
10/13/2023	#3	<100	3.80
10/13/2023	#4	<100	3.87
10/13/2023	#5	<100	3.86
10/13/2023	#6	<100	3.62
10/13/2023	#7	<100	3.42

Geometric Mean <100

Standard Methods

9222-D

2540-G

Analyst Notes:

Analysis Date	Analysis Time	Analyzed By	Parameter
10/13/23	17:20	JD	Fecal Coliform
10/16/23	09:30	JD	% Solids

Laboratory Authorized Signature

Analytical Laboratory * Environmental Consulting

Environmental Resource Technologies

201 Arlington St. Ada, Oklahoma 74820-0722
Phone (580) 332-8808 Fax (580) 421-9110

CHAIN OF CUSTODY

Client Name: Sandyland Env

PROJECT NAME: River Wind

Lab Log #	Date Sample Taken	Time Sample Taken	Matrix Water (W) Soil (S) Sludge (SI) Other	G R A B	C O M P	Client I.D. Sample Location	Temp C, F	No. of Container (p)=plastic (g)=glass	Size of Container 1L, 500mL, 250mL, etc.	Analysis Requested	Sample Presv.
2310338	10-13-23	10:50 A	Sludge (SI)		X	Sludge		3(g)	1L	Full TCLP (Volatiles, Semi-Volatiles, Pesticides/Herbicides, Metals)	TCE
	10-13-23	10:50 A	Sludge (SI)		X	Sludge		1(g)	1L	PCBs	↓
	10-13-23	10:50 A	Sludge (SI)		X	Sludge		1(p)	500mL	503 Metals (As,Cd,Cr,Cu,Pb,Mo,Ni,Se,Zn,Hg)	
	10-13-23	10:50 A	Sludge (SI)		X	Sludge		1(p)	500mL	Nutrients (K,P,NH3,TKN,NO3-NO2), % Solids, pH	
2310339A	10-13-23	11:00 A	Sludge (SI)	X		Sludge #1		1(p)	100mL	Fecal	
B	10-13-23	11:05 A	SL	X		sludge #2		1p		Fecal	
C	10-13-23	11:10 A	SL	X		sludge 3		1p			
D	10-13-23	11:15 A	SL	X		sludge 4		1p			
E	10-13-23	11:20 A	SL	X		Sludge 5		1p			
F	10-13-23	11:25 A	SL	X		Sludge 6		1p			
G	10-13-23	11:30 A	SL	X		Sludge 7		1p			

Comments:

Sampled By: <i>[Signature]</i>	Date/Time: 10-13-23 3:00 P	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished to Lab By:	Date/Time:	Received at Lab By: <i>[Signature]</i>	Date/Time: 10/13/23 15:00

Report To:	Send Invoice To:
Address:	Address:
Phone/Fax Number:	Phone/Fax Number:

ENVIRONMENTAL RESOURCE TECHNOLOGIES, LLC

EPA laboratory code: OK00921

Oklahoma DEQ State ID No. 8304

Certificate of Analysis

Client Name: Sandyland Environmental

Date Received: 10/13/23

Project: River Wind

Report Date: 11/02/23

ERT Lab	Sample	Date	Analysis	Analyzed		Results	Units	RL	Method		
Log #	Identification	Sampled	Date	Time	By	Parameter					
WW2310340	Field #1	10/13/23	10/20/23	15:44	LAS	Mercury	BDL	mg/kg*	0.0509	EPA 7471A	
			10/20/23	03:56	SN	Arsenic	2.56	mg/kg*	0.898	EPA 6010B	
			10/20/23	07:36	SN	Cadmium	0.205	mg/kg*	0.0898	EPA 6010B	
			10/20/23	10:52	SN	Chromium	10.2	mg/kg*	0.0898	EPA 6010B	
			10/20/23	08:26	SN	Copper	4.53	mg/kg*	0.898	EPA 6010B	
			10/20/23	06:27	SN	Lead	5.17	mg/kg*	1.80	EPA 6010B	
			10/20/23	05:08	SN	Molybdenum	BDL	mg/kg*	0.449	EPA 6010B	
			10/20/23	06:28	SN	Nickel	9.04	mg/kg*	0.449	EPA 6010B	
			10/20/23	07:36	SN	Selenium	BDL	mg/kg*	1.80	EPA 6010B	
			10/20/23	06:27	SN	Zinc	17.3	mg/kg*	1.80	EPA 6010B	
			10/16/23	09:30	JD	Solids	91.7	%			SM_2540G
			10/20/23	03:01	SN	Phosphorus (P)	186	mg/kg*	22.5		EPA 6010B
			10/20/23	03:01	SN	Phosphorus (P)	0.0186	wt %	—		EPA 6010B (Calc)
			10/20/23	03:00	SN	Potassium	2,018	mg/kg*	22.5		EPA 6010B
			10/20/23	03:00	SN	Potassium	0.202	wt %	—		EPA 6010B
			10/24/23	10:50	AT	Ammonia (N)	6.28	mg/kg*	2.18		EPA 350.1
			10/27/23	20:04	KBC	Ammonia (N)	0.00628	wt %	—		EPA 350.1 (Calc)
			10/26/23	10:45	AJ	NO3-NO2(N)	4.52	mg/kg*	2.16		EPA 353.2
			10/22/23	17:36	CAT.	TKN	871	mg/kg*	26		4500NOrg C-2011
11/02/23	19:30	KBC	TKN	0.0871	wt %	—		4500NOrg C-2011 (Calc)			
10/17/23	15:19	SN	pH	7.47	S.U.	0.1		SM 4500-HB			

Laboratory Authorized Signature

RL = Reporting Limit

BDL = Analyte Detected Below RL

LAS, CAT = Subcontracted to ODEQ State ID 9915

*mg/kg reported on a dry weight basis

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201 Arlington St. Ada OK 74820
(580) 332-8808 Phone (580) 421-9110 Fax

ENVIRONMENTAL RESOURCE TECHNOLOGIES, LLC

EPA laboratory code: OK00921

Oklahoma DEQ State ID No. 8304

Quality Control Report

Client Name: Sandyland Environmental

Date Received: 10/13/23

Project: River Wind

Report Date: 11/02/23

Date	Parameter	Method	RL (ppm)	RPD %	BLANK	Spike % Recovery	Standard % Recovery
10/13/23	% Solids	SM_2540G	—	0.769	0.00	NA	NA
	Phosphorus (P)	EPA 6010B	0.250	2.32	BDL	96.1	90.7
	Potassium	EPA 6010B	0.250	0.874	BDL	97.0	95.7
	Ammonia (N)	EPA 350.1	0.100	0.344	BDL	102	105
	NO3-NO2 (N)	EPA 353.2	0.100	0.999	BDL	105	99.7
	TKN	4500NOrg C-2011	20.0	0.17	BDL	176*	99.0
	pH	SM 4500-HB	0.1 SU	0.251	NA	NA	101
	Mercury	EPA 7471A	0.0400		BDL		
	Arsenic	EPA 6010B	0.010	0.784	BDL	93.4	92.5
	Cadmium	EPA 6010B	0.001	0.969	BDL	92.3	101
	Chromium	EPA 6010B	0.001	0.681	BDL	94.3	96.5
	Copper	EPA 6010B	0.010	0.360	BDL	90.8	89.4
	Lead	EPA 6010B	0.010	1.65	BDL	89.7	91.8
	Molybdenum	EPA 6010B	0.005	0.00129	0.002682	95.4	97.3
	Nickel	EPA 6010B	0.005	0.164	BDL	88.5	92.8
	Selenium	EPA 6010B	0.020	0.0459	BDL	82.7	92.3
	Zinc	EPA 6010B	0.020	0.508	BDL	88.3	90.1

Laboratory Authorized Signature

RL = Reporting Limit

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Page 1 of 1

201 Arlington St. Ada OK 74820
(580) 332-8808 Phone (580) 421-9110 Fax

Attachment 3
Application for Authorization to be Covered under General Permit
and
Municipal Sludge Land Application Permit



Oklahoma Department of Environmental Quality
 707 N. Robinson, OKC OK 73102-6010
**Application for
 Municipal Sludge Land Application Permit**

As required by the Oklahoma Environmental Quality Code

This application is to be submitted to obtain a Municipal Sludge Land Application Permit. Application, plans, and specifications submitted in quadruplicate through the County DEQ personnel.

To the Executive Director of The Department of Environmental Quality
 Department of Environmental Quality
 Water Quality Division
 P.O. Box 1677
 Oklahoma City, OK 73101-1677

Date: 11/17/2023

Application

The applicant, Chickasaw Tribal Utility Authority (CTUA), proposes to land apply sludge
Name of Applicant (Print or Type)

generated at Goldsby Riverwind WWTP, facility ID No. S20696
Name of Treatment Plant (Print or Type)

located at 9 miles SSW of Goldsby S17 T7N R3W
Legal Description

Chickasaw Tribal Utility Authority (CTUA), hereby makes application for a permit to land apply sludge as required by OAC 252:648 of
Name of Applicant
 the Oklahoma Environmental Quality Code, 27A O.S. Supp. 1993, Section 2-1-2-101 et seq., the Solid Waste Management Act, 27A:2-10-101 et seq., Article VI of the Code [Water Quality], 27A:2-6-101 et seq., the Oklahoma Pollutant Discharge Elimination System Act, 27A:2-6-201 et sig. And any rules and regulations pursuant thereto.

Applicant Signature

Note: Application must be signed by the authorized chief elective or executive officer of the applicant. Information must be legible.

Frank S. Johnson
Signature

Chickasaw Tribal Utility Authority (CTUA)
Name of Organization (Print or Type)

Frank Johnson
Name of Authorized Signature (Print or Type)

2020 Lonnie Abbott Blvd.
Street Address (Print or Type)

Executive Director
Title

Ada, OK 74820
City/State/Zip Code

COUNTY DEQ PERSONNEL ONLY

I have had the opportunity to review this application and comment on it.

Signature: _____

Title: _____

County: _____

Date: _____

DO NOT USE THIS SPACE - ODEQ ONLY

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
APPLICATION FOR AUTHORIZATION TO BE COVERED UNDER GENERAL PERMIT GP NO _____
FOR LAND APPLICATION OF SEWAGE SLUDGE**

FORM _____

FOR DEQ USE ONLY	Application/Permit Number GP _____
	Date Received _____
	One Time Land Application _____, Minor Facility _____
	DEQ Biosolids Coordinator _____

SECTION I

1. **Legal name of applicant:**
Chickasaw Tribal Utility Authority (CTUA)

2. **Mailing address of applicant:**
Street address or PO Box 2020 Lonnie Abbott Blvd.
City Ada County Pontotoc State Oklahoma Zip 74820
Telephone (580) 495-7651
3. **Name and address of facility:**
Facility Name Goldsby Riverwind WWTP
City Goldsby/Washington County McClain State Oklahoma Zip 72093
4. **Location of land application site:**
Legal Description: 1/4, 1/4, NW1/4, Sec 17, T 7N, R 3W . (X) IM () CM.
Entry Point: Longitude 97.543389W, Latitude 35.083206N .
5. **Type Ownership** Public () Private (X) Federal () State ()
6. **Contact Person:**
Name & Title Shane McCage, Superintendent of Water/Wastewater Operations
Street address or PO Box 22949 Brown Springs Rd.
City Thackerville County Love State Oklahoma Zip 73459
Telephone (580) 495-7651
7. **Type of Treatment:**
Minor Facility: Design Capacity _____ Estimated Sludge Production _____ Dry Tons/Year
Lagoon: Estimated sludge quantity 272 Dry Tons
Other sludge storage facility: Estimated sludge quantity _____ (Dry Tons)
8. **Does Facility Receive Industrial Wastes?** Yes () No (X)
If "yes", What is the average daily industrial waste flow NA GPD
If the facility receives wastewater from a categorical industry, you must submit Section II of this form (attached) for each categorical industrial facility discharging to the sewer system.
9. **Are industrial discharge(s) to the system controlled by ordinance?** Yes () No () NA

10. **Sludge generated by the facility:**

- A. When was the last time sludge was removed from the facility (date) NA
- B. Was removal authorized by DEQ? Yes () No ()
- C. How was it disposed of (describe the disposal method) NA
- D. Location(s) of the disposal site(s) (legal description to the nearest 10 acres) NA
- E. Sludge Management Plan, if any:
Sludge Plan ID Number NA approved by the Department of Environmental Quality

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I also certify that I will provide for the operation of this facility in accordance with the Oklahoma Discharge Permits and Pollution Control Regulations and will provide certified operators as required by the Oklahoma Water and Wastewater Operations Certification Act. I further certify that I shall acquire or possess a right to the use of the property or properties on which the land application activities are located as well as the access route thereto. I understand I shall maintain such right of use and access for the duration of the permit term. I am aware that there are significant penalties for submitting false information, including revocation of the permit and the possibility of fine and imprisonment.

Note: Application must be signed by the authorized chief elective or executive officer of the applicant, or by the applicant, if an individual.

Name (print) Frank Johnson

Title CTUA Executive Director

Date 11/30/2023

Signature Frank Johnson

Subscribed and sworn to before me this 30th day of July, 2023.

Donna Renfro My commission expires 01/23/2027

This application shall be filed in duplicate with the original and one copy to be submitted to the DEQ, and one copy to be submitted to the local DEQ office.

Please return completed form with attachments to:

**Water Quality Division
Department of Environmental Quality
707 N. Robinson, P>O. Box 1677
Oklahoma City, Oklahoma 73102-1677**