EPA United States Environmental Protection Agency

Region 6 - Enforcement & Compliance Assurance Division

INSPECTION REPORT

Inspection Date(s):	08/03/2023	
Media Program:	Water	
Regulatory Program(s)	Clean Water Act-National Pollution Discharge Elimination System (Brine)	
Company Name:	**BIA Osage Agency**	
Facility Name:	**Shidler City Lake (Spillway area)**	
Facility Physical Location:	Latitude: 36.746464, Longitude: -96.648167	
(city, state, zip code)	Shidler, OK, 74652	
Mailing address:	813 Grandview Ave,	
(city, state, zip code)	Pawhuska, OK 74056	
County/Parish:	Osage	
Facility Phone Number	918-287-5700	
Facility Contact:	Lee Burnett	Supervisor
	lee.burnett@bia.gov	
FRS Number:	n/a	
Identification/Permit Number:	OKU002191	
Media Identifier Number:	n/a	
NAICS:	211111	
SIC:	1311	

Personnel participating in inspection:		
Matthew Allen	EPA/Region 6 ECDW	Inspector
Frank Ware	BIA Osage Agency	Field Engineer
Tom Ashmore	Osage DNR	Project Specialist
Cameron Chesbro	Osage DNR	Project Specialist

EPA Lead Inspector Signature/Date	MATTHEW ALLEN Digitally signed by MATTHEW ALLEN Date: 2023.08.10 10:59:16 -05'00'	
	Matthew Allen	Date
Supervisor Signature/Date	JEANNE ECKHART Digitally signed by JEANNE ECKHART Date: 2023.08.10 15:48:23 -05'00'	
	Jeanne Eckhart	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 Inspector, Matthew Allen, arrived at the Shidler City Lake spillway area (EPA ID No. OKU002191) south of Shidler, OK at 09:05 a.m. on 08/03/2023 to investigate possible spill impacts which had been reported by the Bureau of Indian Affairs Osage Agency (BIA), supervisor, Lee Burnett. The inspection was conducted by the authority of the Clean Water Act (CWA) to determine compliance with Environmental Protection Agency (EPA) regulations. BIA Field Engineer, Frank Ware, Osage Nation Department of Natural Resources Project Specialist's Tom Ashmore and Cameron Chesbro were also present and participated during the inspection.

FACILITY DESCRIPTION

EPA conducted an inspection immediately below the Shidler City Lake spillway where water was seeping or springing from a native rock shelf into a significant pool of water.

Section II – OBSERVATIONS

I observed water seeping from a native rock shelf below the Shidler City Lake spillway (GPS: 36.746464,96.648167). The seeping water was clear and had created a red/brown deposit along the flowpath as it flowed down the rock shelf into the pool of water below.

I observed a Total Dissolved Solids (TDS) field reading of 195 mg/L (GPS: 36.746464, -96.648167) in the pool of water which was being impacted by the seeping or springing water.

I observed multiple small and medium fish, small and large turtles and small aquatic bugs present and seemingly unaffected in the pool of water which was being impacted by the seeping water.

At the time of the inspection there was no oil, oil sheen or any other visible signs of impact in the pool of water below the discolored seep.

At the time of the inspection there was no livestock, wildlife, aquatic life, or vegetation which appeared to be suffering any type of impact.

Section III – AREAS OF CONCERN

At the time of the inspection, the observed TDS field reading coupled with all the other observations listed above did not provide any areas of concern.

Through discussion between Tom, Cameron, Frank and myself, it was determined the discolored deposit visible along the rock shelf was most likely created by naturally occuring iron oxidizing bacteria, which in this particular setting should pose no environmental concern.

Section IV – FOLLOW UP

No follow-up required.

Section V – LIST OF APPENDICES

There are no appendices to this report.