

Region 6 - Enforcement & Compliance Assurance Division

INSPECTION REPORT

Inspection Date(s):	06/14/2023	
Media Program:	Water	
Regulatory Program(s)	NPDES	
Company Name:	Pueblo of Tesuque	
Facility Name:	Tesuque Casino	
Facility Physical Location:	7 Tesuque Road	
(city, state, zip code)	Santa Fe, New Mexico 87506-5512	
Mailing address:	20 TP-828	
(city, state, zip code)	Santa Fe, New Mexico 87506	
County/Parish:	Santa Fe	
Facility Phone Number	505-984-8414 ext-696	
Facility Contact:	Peter Romero	Director of Facilities
	Peter.romero@tesuquecasino.com	
FRS Number:	110070381669	
Identification/Permit Number:	NM0031224	
Media Identifier Number:	NA	
NAICS:	221320	
SIC:	4952	
Personnel participating in inspection:		
Peter Romero	Tesuque Casino	Director of Facilities
Leroy Quintana	Contract Operator	Operator
David Esparza	EPA-R6/ECDWM	Environmental Engineer
EPA Lead Inspector Signature/Date		
	David Esparza	Date
Supervisor Signature/Date		
	Roberto Bernier	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector David Esparza, PE, arrived at the Pueblo of Tesuque Casino Wastewater Treatment Plant (WWTP) (Tesuque Casino) office at approximately 9:00 AM on June 14, 2023, for an announced inspection. I met with Mr. Peter Romero, presented my credentials, and informed him that this was an EPA inspection to determine Tesuque Casino's WWTP compliance under the Clean Water Act (CWA). This compliance evaluation inspection (CEI) was conducted under the authority of the National Pollutant Discharge Elimination System (NPDES) permit program, in accordance with the CWA. The generation of this report is based on information supplied by Tesuque Casino representatives, observations made by the United States Environmental Protection Agency (US EPA) inspector, and records and reports maintained by the permittee, and the US EPA. Before leaving the facility, an exit briefing was held at approximately 12:00 PM with Mr. Romero to discuss or address any questions.

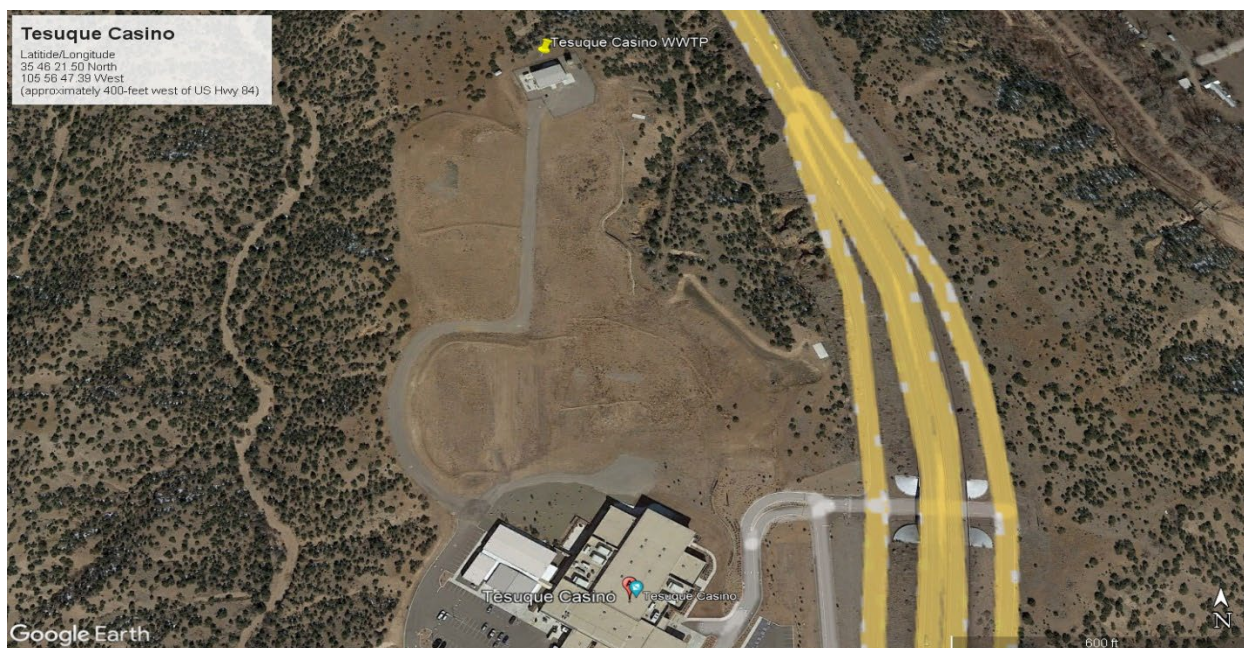
FACILITY DESCRIPTION

The WWTP is a minor discharger with a design flow capacity of 0.08 MGD (million gallons per day). Currently the average daily discharge flow equates to 4,000gpd-(gallons per day). The facility is located approximately 0.10-miles west of U.S Highway 84/285 (aka Santa Fe Highway), Santa Fe County, New Mexico (depicted in Aerial Image #1 below). The WWTP facility serves the Casino and associated administrative buildings. The WWTP is overseen by contract operator Mr. Leroy Quintana on a scheduled basis.

A Supervisory Control and Data Acquisition (SCADA) system provides around the clock monitoring of WWTP operations. After entering the headworks structure, the influent is piped into an equalization tank (EQ tank), thence to an Ovivo• microBLOX™ membrane bioreactor (MBR). Samples are collected via an automatic sampler located after a bank of six (6) ultraviolet (UV) disinfection units prior to discharge to a 40K-gallon effluent storage tank. Routine weekly maintenance is performed on the UV system to ensure the proper disinfection of the effluent. Currently, in lieu of using the onsite belt press, due to low waste stream volume, the sludge is placed into an approximate 8K-gallon storage tank that is pumped and transported for disposal.

Current permit conditions allow part of the treated effluent to be used for landscape irrigation within the facility grounds typically during the months of March through November and/or piped to a subsurface drain field. The WWTP currently maintains a series of ten (10) leach fields beneath the existing asphalt paved parking areas. Though an intermittent discharge of the effluent, approved via Outfall 001, to the Pojoaque River is possible, the facility normally utilizes the effluent for landscape irrigation or pumps it to the leach fields.

The WWTP maintains a backup diesel generator for power that is exercised weekly, typically every Tuesday.



Aerial Image #1: Overall view of the Pueblo of Tesuque-Tesuque Casino Wastewater Treatment Plant Location. Aerial from Google Earth

Section II - OBSERVATIONS

I observed the following and/or the following information was provided and/or stated:

- A Supervisory Control and Data Acquisition (SCADA) system provides around the clock monitoring of WWTP operations.
- Currently the onsite belt press is not in use due to low waste stream volume. It was stated the sludge is placed into a storage tank that is pumped and transported for disposal.
- Effluent totalizing flow meter readings are recorded daily.
- Mr. Quintana also stated there has been no discharge through the outfall from start - up to present day.
- The WWTP did have secure perimeter fencing and the premises are under camera surveillance; thus, limiting access. Additionally, the major components of the WWTP are located within a locked building.

Section III – AREAS OF CONCERN

I observed no areas of concern at the time of the inspection.

Section IV – FOLLOW UP

No additional information was received by EPA after exiting the Facility on June 14, 2023.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 8 photos taken 06/14/2023

Appendix 1

Photograph Log



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: Pueblo of Tesuque-Tesuque Casino WWTP		
City: Pueblo of Tesuque	County/Parish: Santa Fe	State: New Mexico



View of WWTP 40K-gallon effluent storage tank (DSCN2568) Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: Pueblo of Tesuque-Tesuque Casino WWTP		
City: Pueblo of Tesuque	County/Parish: Santa Fe	State: New Mexico



View of equalization (EQ) tank (DSCN2569) Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: Pueblo of Tesuque-Tesuque Casino WWTP		
City: Pueblo of Tesuque	County/Parish: Santa Fe	State: New Mexico



View of the Ovivo• microBLOX™ membrane bioreactor (MBR). (DSCN2570) Photographed by D. Esparza

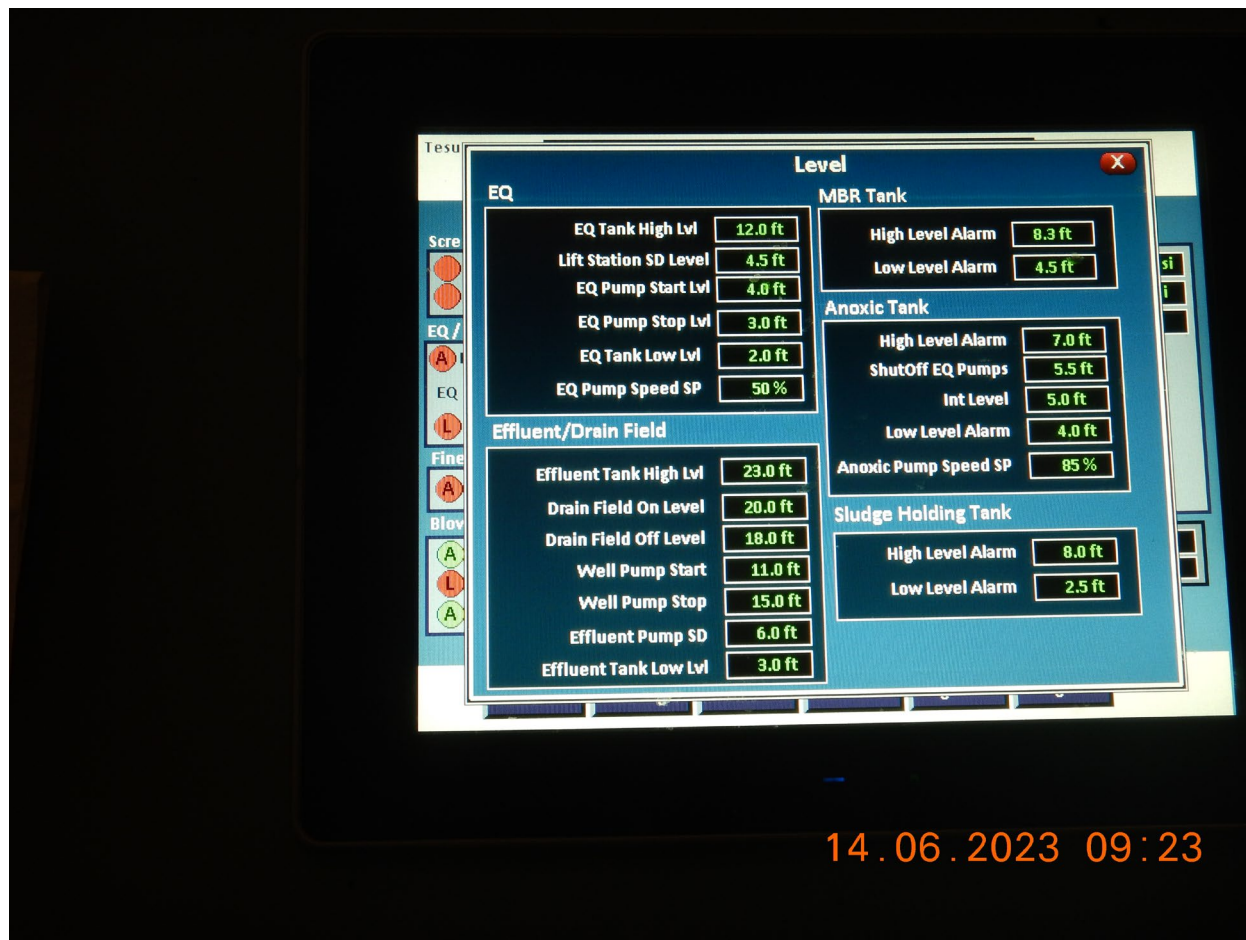


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: Pueblo of Tesuque-Tesuque Casino WWTP		
City: Pueblo of Tesuque	County/Parish: Santa Fe	State: New Mexico



View of the Supervisory Control and Data Acquisition (SCADA) system. (DSCN2574) Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: Pueblo of Tesuque-Tesuque Casino WWTP		
City: Pueblo of Tesuque	County/Parish: Santa Fe	State: New Mexico



View of the six (6) banks of ultraviolet (UV) disinfection units prior to discharge to a 40K-gallon effluent storage tank. (DSCN2576) Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: Pueblo of Tesuque-Tesuque Casino WWTP		
City: Pueblo of Tesuque	County/Parish: Santa Fe	State: New Mexico



View of the headworks, lift station well pit and generator. (DSCN2581) Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: Pueblo of Tesuque-Tesuque Casino WWTP		
City: Pueblo of Tesuque	County/Parish: Santa Fe	State: New Mexico



View of the leach field automatic valves piping. (DSCN2584) Photographed by D. Esparza



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: Pueblo of Tesuque-Tesuque Casino WWTP		
City: Pueblo of Tesuque	County/Parish: Santa Fe	State: New Mexico



View of the landscape irrigation piping. Note: this piping configuration is located to the right of the above photograph. Additionally, a valve isolates the two (2) systems from each other. (DSCN2585)
Photographed by D. Esparza