



FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: UNITED STATES AIR FORCE (USAF) TONOPAH TEST RANGE
P.O. BOX 93174
LAS VEGAS, NV 89191

Permit Number: NS0095014

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: EXISTING

Location: CEDAR PASS, NEVADA TEST AND TRAINING RANGE, CLARK
PO BOX 93174, LAS VEGAS, NV 89191
LATITUDE: 37.711389, LONGITUDE: -116.445833
TOWNSHIP: 3S, RANGE: 49E, SECTION: 1

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
001	INFLUENT	Influent Structure		37.711389	-116.445833	GROUNDWATER
002	EFFLUENT	External Outfall		37.711389	-116.445833	GROUNDWATER
003	RIB 1	Influent Structure		37.708058	-116.450205	GROUNDWATER
004	EMERGENCY HOLDING POND	External Outfall		37.708324	-116.450878	GROUNDWATER
005	POND LEAK DETECTION	Internal Outfall		37.708324	-116.450878	GROUNDWATER
006	RIB 2	External Outfall		37.707470	-116.450385	GROUNDWATER
007	RIB 3	External Outfall		37.707671	-116.450820	GROUNDWATER

Permit History/Description of Proposed Action

The Permittee, the United States Air Force (USAF), is the operator of the Cedar Pass Nevada Test and Training Range (CPNTTR), located in Nye County, Nevada, approximately 44 miles east of Goldfield. The USAF has applied for a renewal of its discharge permit # NS0095014 authorizing CPNTTR to continue the collection of domestic and non-domestic wastewater generated on-site. The wastewater is treated at the onsite wastewater treatment facility (WWTF). The WWTF has a design treatment capacity of 0.045 million gallons per day (MGD) daily max, and a 30-day average capacity of 0.030 MGD.

The Permit was first issued on February 26, 1996. The most recent permit was issued on April 1, 2016, and expired on March 31, 2021; the permit has been administratively continued since.

Facility Overview

The CPNTTR WWTF consists of an activated sludge package plant, three RIBs, and two lined holding basins for emergencies such as a plant upset or extended downtime of the packing plant due to maintenance. Pretreatment of the wastewater prior to reaching the packing plant includes food and grease

interceptors for the cafeteria and oil-water Separators at the equipment wash racks.

The plant operations include bar screens to remove large debris. The aerated flow equalizers, that begin the organic treatment process by adding oxygen to the system. The anoxic denitrification, to reduces the nitrogen rate by eliminating the oxygen supply. The extended aeration compartments that remove the remaining organics. A secondary clarification settling tanks to allow the sludge and solid to separate from the liquid. An aerobic activated sludge digester where the waste activated sludge is separated from the liquid. The sludge drying beds where the sludge is allowed to dry, then be removed to the landfill. Effluent discharge disposal is rotated regularly into three RIBs annually.

Sediment collected at the lift station via a Vactor truck is transferred with the waste activated sludge from the aeration compartments to the USAF on site landfill, for disposal of non-hazardous solid waste. The pre-treated liquid wastes contaminated with fats, oils, and hydrocarbons are separately managed by contractors that pump and haul these liquids to the Cedar Pass installation for proper offsite management and disposal.

Outfall Summary

Outfall 001: Package Plant Influent Structure is for monitoring the influent coming into the waste treatment plant. This outfall has been renamed to Influent.

Outfall 002: Package Plant Effluent is an external outfall is for monitoring the treated effluent leaving the plant, and entering the RIBs. This outfall has been renamed to Effluent.

Outfall 003: Pond Influent is an External Outfall is for monitoring the treated effluent entering the RIB. This outfall has been renamed to RIB 1.

Outfall 004: Pond Effluent is an External Outfall is for monitoring the treated effluent entering the pond. This outfall has been renamed to Emergency Holding Pond.

Outfall 005: Emergency Holding Pond Leak Detection is an Internal Outfall is for monitoring Liner Leakage Rate Daily Maximum measured in Gallons per Acre per Day.

Outfall 006: RIB 2 is an External Outfall is for monitoring the treated effluent entering the RIB. This outfall is new to the permit, but constructed before 2016.

Outfall 007: RIB 3 is an External Outfall is for monitoring the treated effluent entering the RIB. This outfall is new to the permit, but constructed before 2016.

Facility Upgrades since last issued permit

There have been no upgrades to the facility since the previous permit.

Solids Handling

Waste activated sludge from the CPNTTR WWTF is pumped to the sludge drying beds prior to being disposed of at the CPNTTR USAF landfill.

Effluent Management and Reuse

The treated effluent is discharged into onsite RIBs to percolate into the groundwater, and there is currently no reuse occurring.

Design Flow (and basis) and Measurement & Current Capacity

The CPNTTR WWTF is designed to process an influent at a flow rate of 0.045 million gallons per day (MGD) daily max, and a 30-day average capacity of 0.030 MGD. The treatment plant is currently operating at 13.33% of its total daily design capacity.

Pretreatment Program

The CPNTTR WWTF does not meet the federal Environmental Protection Agency's (EPA's) guidelines

requiring them to have a pretreatment program.

Operations & Maintenance (O&M) Manual status

The last Operation and Maintenance (O&M) Manual was received on July 21, 2016. The Permittee is required to provide the Technical, Compliance, and Enforcement Branch of the Bureau of Water Pollution Control with an updated O&M Manual every ten (10) years. The next O&M Manual will be due on September 1, 2026.

Effluent Characterization

Nevada State Network Discharge Monitoring Report (NetDMR) data, as reported from January 2020 to December 2025, was reviewed as part of this permit renewal process.

The average reported values for the 5-year period are listed below:

Outfall 001(Package Plant Influent Structure):

Flow 30-Day Average: 0.004 MGD

Flow Daily Maximum: 0.010 MGD

BOD-5: 30-Day Average: 86.92 mg/L

BOD-5 Daily Maximum: 96.08 mg/L

TPH 30-Day Average: 3.65 mg/L

TPH Daily Maximum: 3.73 mg/L

TSS 30-Day Average: 120.04 mg/L

TSS Daily Maximum: 131.71 mg/L

Outfall 002 (Package Plant Effluent External Outfall):

BOD-5: 30-Day Average: 4.64 mg/L

BOD-5 Daily Maximum: 5.14 mg/L

TPH 30-Day Average: 0.09 mg/L

TPH Daily Maximum: 0.09 mg/L

TSS 30-Day Average: 13.83 mg/L

TSS Daily Maximum: 15.08 mg/L

Nitrogen 30-Day Average: 2.87 mg/L

Nitrogen Daily Maximum: 2.98 mg/L

pH average: 7.81 S.U.

Outfall 003 (Pond Influent External Outfall):

Facility reported either no discharge, no influent, or insufficient flow for sample for all parameters.

Outfall 004 (Pond Effluent External Outfall):

Facility reported either no discharge, no influent, or insufficient flow for sample for all parameters.

Outfall 005 (Pond Leak Detection Internal Outfall):

Liner Leakage Rate Daily Maximum: Facility reported either no discharge, no influent, or insufficient flow for sample for all parameters.

Pollutants of Concern

Pollutants of concern are any pollutants or parameters that are believed to be present in the discharge and could affect or alter the physical, chemical, or biological condition of the receiving water. Common pollutants of concern for the treated effluent are profile 1 constituents, TPH, Nitrogen, and pH along with potential inorganic chemicals and analytes.

Receiving Water

The receiving water is groundwater of the State via percolation. The groundwater is reported to flow southwest and is about 585 feet below ground surface.

Compliance History

The Permittee is currently in compliance with the permit.

Proposed Effluent Limitations

The discharge shall be limited and monitored by the Permittee as specified below:

WWTP Discharge Limitations Table for Sample Location 001 (Influent) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	30 Day Average	≤ 0.030 Million Gallons per Day (Mgal/d)		Raw Sewage Influent	001	Continuous	METER
Flow rate	Daily Maximum	≤ 0.045 Million Gallons per Day (Mgal/d)		Raw Sewage Influent	001	Continuous	METER

WWTP Discharge Limitations Table for Sample Location 001 (Influent) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Hydrocarbons, total petroleum	Daily Maximum		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT
Solids, total suspended	Quarterly Average		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT
Solids, total suspended	Daily Maximum		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT
BOD, 5-day	Quarterly Average		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT
BOD, 5-day	Daily Maximum		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT
Oil & grease	Daily Maximum		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT

WWTP Discharge Limitations Table for Sample Location 002 (Effluent) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Solids, total suspended	Quarterly Average		<= 30 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Solids, total suspended	Daily Maximum		<= 45 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
BOD, 5-day	Quarterly Average		<= 30 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
BOD, 5-day	Daily Maximum		<= 45 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
pH, maximum	Daily Maximum		<= 9.0 Standard Units (SU)	Effluent Gross	002	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
pH, minimum	Daily Minimum		>= 6.0 Standard Units (SU)	Effluent Gross	002	Quarterly	DISCRT
BOD, 5-day, percent removal	Quarterly Minimum		>= 85 Percent (%)	Effluent Gross	002	Quarterly	DISCRT
Solids, suspended percent removal	Quarterly Minimum		>= 85 Percent (%)	Effluent Gross	002	Quarterly	DISCRT
Oil & grease	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT

WWTP Discharge Limitations Table for Sample Location 002 (Effluent) To Be Reported Once During The Permit Term

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Alkalinity, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Aluminum, dissolved (as Al)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Antimony, dissolved (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Arsenic, dissolved (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Barium, dissolved (as Ba)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Beryllium, dissolved (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Cadmium, dissolved (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Calcium, dissolved (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Chloride (as Cl) ^[1]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Chromium, dissolved (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 002 (Effluent) To Be Reported Once During The Permit Term

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Copper, dissolved (as Cu)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Fluoride, total (as F) ^[1]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Iron, dissolved (as Fe)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Lead, dissolved (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Magnesium, dissolved (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Manganese, dissolved (as Mn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Mercury, dissolved (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Nitrite plus nitrate total 1 det. (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Potassium, dissolved (as K)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Selenium, dissolved [as Se]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Silver, dissolved (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 002 (Effluent) To Be Reported Once During The Permit Term

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Sodium, dissolved (as Na)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Thallium, dissolved (as Tl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Uranium, natural, total ^[1]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Cyanide, weak acid, dissociable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT
Zinc, dissolved (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Once Per Permit Term	DISCRT

Notes (WWTP Discharge Limitations Table):

1. Samples must be collected and analyzed for the dissolved fraction.

Ponds / Rapid Infiltration Basins for Sample Location 003 (Rib 1) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate ^[1]	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	003	Continuous	METER
Flow rate ^[1]	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	003	Continuous	METER

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurred during the quarter, then "No Discharge" or "C" shall be indicated on the DMR Report.

Ponds / Rapid Infiltration Basins for Sample Location 004 (Emergency Holding Pond) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
BOD, 5-day ^[1]	Quarterly Average		<= 45 Milligrams per Liter (mg/L)	Effluent Gross	004	Quarterly	DISCRT
BOD, 5-day ^[1]	Daily Maximum		<= 45 Milligrams per Liter (mg/L)	Effluent Gross	004	Quarterly	DISCRT
pH, minimum ^[1]	Daily Minimum		>= 6.0 Standard Units (SU)	Effluent Gross	004	Quarterly	DISCRT
pH, maximum ^[1]	Daily Maximum		<= 9.0 Standard Units (SU)	Effluent Gross	004	Quarterly	DISCRT
Hydrocarbons, total petroleum ^[1]	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	Effluent Gross	004	Quarterly	DISCRT
Solids, total suspended ^[1]	Quarterly Average		<= 90 Milligrams per Liter (mg/L)	Effluent Gross	004	Quarterly	DISCRT
Solids, total suspended ^[1]	Daily Maximum		<= 90 Milligrams per Liter (mg/L)	Effluent Gross	004	Quarterly	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurred during the quarter, then "No Discharge" or "C" shall be indicated on the DMR Report.

Ponds / Rapid Infiltration Basins for Sample Location 005 (Emergency Holding Pond Leak Detection) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Liner Leakage Rate ^[1]	Daily Maximum	<= 500 Gallons per Acre per Day (gal/acre/d)		Internal Monitoring Point	005	Monthly	METER

Notes (Ponds / Rapid Infiltration Basins):

1. Reference Section B.BP.5 of the permit.

Ponds / Rapid Infiltration Basins for Sample Location 006 (Rib 2) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate ^[1]	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	006	Continuous	METER
Flow rate ^[1]	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	006	Continuous	METER

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurred during the quarter, then "No Discharge" or "C" shall be indicated on the DMR Report.

Ponds / Rapid Infiltration Basins for Sample Location 007 (Rib 3) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate ^[1]	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	007	Continuous	METER
Flow rate ^[1]	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	007	Continuous	METER

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurred during the quarter, then "No Discharge" or "C" shall be indicated on the DMR Report.

Summary of Changes From Previous Permit

Outfall 001: "Parameter" Renamed to Influent.

Outfall 002: "Parameter" Renamed to Effluent.

Outfall 003: "Parameter" Renamed to RIB 1.

Outfall 003 Parameters Removed:

BOD, carbonaceous -5 day, 20 C (CBOD-5), Daily Max.

CBOD-5, 30-Day average.

Outfall 003 Parameters Added:

BOD-5 day, 20 C (CBOD-5), Daily Max.

BOD-5, 30-Day average.

Outfall 003 Parameter Changed:

TSS, "Base" 30-Day average has been changed to "Base" Quarterly Average.

Flow Rate, The limits for the 30-day Average, and Daily Maximum were changed to Monitor and Report and the Monitoring Location has been Changed to Effluent Gross.

Outfall 004: Renamed to Emergency Holding Pond.

Outfall 004 Parameters Removed:

BOD, carbonaceous -5 day, 20 C (CBOD-5), Daily Max.

CBOD-5, 30-Day average.

Outfall 004 Parameters Added:

BOD-5 day, (BOD-5), Daily Max.

BOD-5, 30-Day average.

Outfall 004 Parameter Changed:

TSS, "Base" 30-Day average has been changed to "Base" Quarterly Average.

Outfall 005: Renamed to Emergency Holding Pond Leak Detection.

Outfalls Added:

Outfall 006: Added RIB 2

Outfall 007: Added RIB 3

Outfall 002 was added to measure Effluent for a Once During the Permit Term reporting period, with the following parameters:

Profile 1 Pollutants, with a "Daily Maximum" base, a "M&R Milligrams per Liter (mg/L)" concentration, a "Effluent Gross" monitoring location, a "Once Per Permit Term" measurement frequency, and a "Discret" sample type.

Technology Based Effluent Limitations

Technology based effluent limitations (TBELs) are required as promulgated by the United States (U.S.) EPA for Publicly Owned Treatment Works (POTWs). The following limits are based on secondary treatment standards as allowed by the Code of Federal Regulation (CFR) Title 40, Section 133, and which has been adopted by the State of Nevada.

U.S. EPA published federal secondary treatment standards at 40 CFR 133, based on an evaluation of performance data for POTWs practicing a combination of physical and biological treatment. Performance is measured by monitoring biodegradable organics and suspended solids in the effluent, and the ability to maintain pH. Federal secondary treatment standards are defined under 40 CFR 133 for maximum BOD, 5day as a 30-day average of 30 mg/L and a 7day average of 45 mg/L and for maximum TSS as a 30day average of 30 mg/L and a 7day average of 45 mg/L. In addition to describing the minimum levels of effluent quality attainable by secondary treatment, 40 CFR 133.102 states that the 30day average percent removal of BOD, 5day and TSS shall not be less than 85%. The Division has adopted these standards for groundwater dischargers and applied the 7day average thresholds as daily maximum effluent limits for BOD, 5day and TSS.

The following performance standards for POTWs with secondary treatment standards have been included in the permit:

BOD, 5day: 30-day average limit: ≤ 30 mg/L; Daily maximum limit: ≤ 45 mg/L.

TSS: 30day average limit: ≤ 30 mg/L; Daily maximum limit: ≤ 45 mg/L.

pH: Daily Maximum: ≤ 9.0 Standard Units

pH: Daily Minimum ≥ 6.0 Standard Units

Limits Based on Secondary Treatment Standards:

BOD, 5day Percent removal: ≥ 85 percent.

TSS: Percent removal: ≥ 85 percent.

Limits Based on Facility's Design Criteria Review: 30-day average flow rate for influent is limited to $\leq$ M&R Mgal/d.

Daily maximum flow rate for influent is limited to ≤ 1 Mgal/d.

Water Quality Based Effluent Limitations

Water quality-based effluent limitations are not applicable to this permit.

Proposed Water Quality Based Effluent Limits (monthly/weekly/daily)

Water quality-based limitations are not applicable to this permit.

Basis for Effluent Limitations

There are currently no specific water quality standards that have been formally adopted by the State for groundwater. However, the Division has the discretion to implement effluent limitations outside water quality standards per Nevada Administrative Code (NAC) 445A.243, which states, "In establishing an effluent limitation to carry out the policy of this State set forth in NRS 445A.305, consideration must be given to, but is not limited by the following: ... (2) the need for standards that specify by chemical, physical, biological or other characteristics the extent to which pollution by various substances will not be tolerated."

The constituents listed in Profile 1 have been vetted by the Division and have been included in groundwater discharge permits for many years as a means of regulating groundwater quality. Per Nevada Revised Statute (NRS) 445A.490, "No permit may be issued which authorizes any discharge or injection of fluids through a well into any waters of the State: ...(3) which would result in the degradation of existing or potential underground sources of drinking water."

Permit limits and requirements have been established to ensure that the receiving water, groundwater of the State, is not degraded by the discharge.

Flow rate – The flow rate is limited and monitored to ensure appropriate water levels in the RIBs.

Oil & Grease – Oil & grease are monitored to protect the quality of the local groundwater.

TPH – TPH is monitored to protect the quality of the local groundwater.

Liner Leakage Rate – Liner leakage rate is limited to 500 gallons per acre per day to determine if excess leakage is present and ensure that appropriate liner repairs are made on a timely basis to reduce the potential for degradation of the underlying groundwater.

Anti-backsliding

None of the proposed permit limits were changed to a less restrictive limit compared to those in the previous permit.

Antidegradation

The Division has developed an antidegradation regulation that is applied on a statewide basis, and which meets the statutory requirements of Nevada's water pollution control law found at Nevada Revised Statute (NRS) 445A.520 and NRS 445A.565 and is consistent with the federal antidegradation policy found at Title 40 in the Code of Federal Regulations (CFR) § 131.12. The objective of the Division's antidegradation regulation is to prevent degradation of Nevada's surface waters and maintain the unique attributes and special characteristics and water quality associated with high-quality waters.

As this permit is for discharges to groundwater, and not surface water, the new antidegradation rule is not applicable.

Special Conditions

There are no Special Approvals / Conditions applicable to this permit.

SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items

Discharges From Future Outfalls/ Planned Facility Changes

This Permittee does not anticipate changes to the outfalls or to the facilities.

Corrective Action Sites

There are no Bureau of Corrective Actions remediation sites located within one-mile radius of CPNTTR WWTF.

Wellhead Protection Program

The outfalls are not located within a Wellhead Protection Area, which represents an approximate 10-year capture zone of a well, or within a Drinking Water Protection Area, which is defined by a 3,000-foot radius around a public water system (PWS) well.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit two copies (one hard copy and one electronic copy) of an updated Operations and Maintenance (O&M) Manual for review and approval by the Division. The O&M Manual shall follow the Division's guidance document, WTS-2 Minimum Information Required for an Operation and Maintenance Manual for a Wastewater Treatment Plant, and be prepared and wet-stamped by a licensed, qualified Nevada Registered Professional Engineer (P.E.).	12/8/2026

Deliverable Schedule:

DLV– Deliverable Schedule for Reports, Plans, and Other Submittals

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Discharge Monitoring Report	Quarterly	10/28/2026
2	Annual Report	Annually	1/28/2027
3	Once during the permit term Discharge Monitoring Report Pollutant 1	Once during the permit term	7/28/2031

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to groundwater of the State of Nevada subject to the conditions contained within the permit, is being mailed to interested persons on our mailing list and will be posted on our website at <https://ndep.nv.gov/posts>. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **10/28/2026**, a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator of EPA Region IX or any interested agency, person or group of persons. The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted. Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination:

The Division has made the tentative determination to issue/re-issue the proposed 5-year permit.

Prepared by: **Jason Reichelt**

Date: **3/23/2026**

Title: **Environmental Scientist 3**

CEDAR PASS WASTEWATER TREATMENT PLANT (NS0095014)

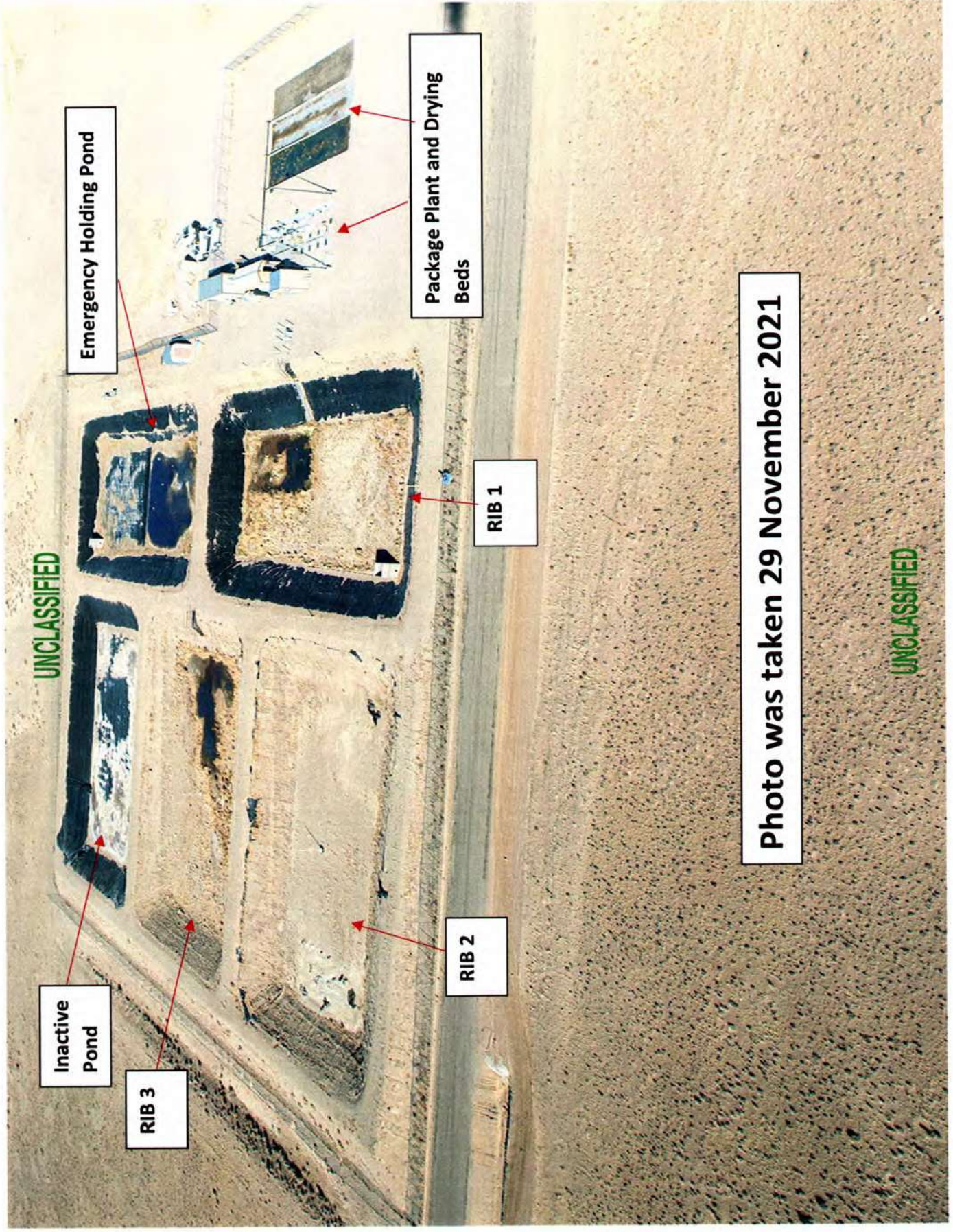


Photo was taken 29 November 2021