# 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:** NS0020001

**Permit Type:** GROUNDWATER DISCHARGE

**Designation:** GROUNDWATER

**New/Existing:** EXISTING

**Location:** USAF TONOPAH TEST RANGE (TTR), NYE
32 MILES SE OF TONOPAH, TOHOPAH TEST RANGE, NV 89108
LATITUDE: 37.872222, LONGITUDE: -116.786667
TOWNSHIP: 1S, RANGE: 46E, SECTION: 11 NW 1/4

| Outfall / Well Num | Outfall / Well Name | Location Type | Well Log Num | Latitude | Longitude | Receiving Water |
|---|---|---|---|---|---|---|
| 002 | OIL/WATER SEPARATOR # 2 | Internal Outfall | | 37.8720 | -116.7860 | GROUNDWATER |
| 003 | OIL/WATER SEPARATOR # 3 | Internal Outfall | | 37.8720 | -116.7876 | GROUNDWATER |
| 004 | OIL/WATER SEPARATOR # 4 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 006 | OIL/WATER SEPARATOR # 6 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 007 | OIL/WATER SEPARATOR # 7 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 008 | OIL/WATER SEPARATOR # 8 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 015 | OIL/WATER SEPARATOR # 15 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 018 | OIL/WATER SEPARATOR # 18 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 020 | OIL/WATER SEPARATOR # 20 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 021 | OIL/WATER SEPARATOR # 21 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 022 | OIL/WATER SEPARATOR # 22 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 023 | OIL/WATER SEPARATOR # 23 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 024 | OIL/WATER SEPARATOR # 24 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 025 | OIL/WATER SEPARATOR # 25 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 026 | OIL/WATER SEPARATOR # 26 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 027 | OIL/WATER SEPARATOR # 27 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 028 | OIL/WATER SEPARATOR # 28 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| 029 | OIL/WATER SEPARATOR # 29 | Internal Outfall | | 37.87 | -116.78 | GROUNDWATER |
| EFF | EFFLUENT | External Outfall | | 37.872222 | -116.786667 | GROUNDWATER |
| INF | INFLUENT | Internal Outfall | | 37.872222 | -116.786667 | GROUNDWATER |

### Permit History/Description of Proposed Action

The Permittee, United States Air Force (USAF) Tonopah Test Range (TTR), has applied for the renewal of Permit NS0020001 for their wastewater treatment facility (WWTF), located southeast of the town of Tonopah, being within Nye County, Nevada. The Permittee proposes to continue discharging secondary treated wastewater to evaporation basins located onsite.

This permit was first issued November 8, 1995. The most recent permit was issued on December 28, 2015, and expired on December 27, 2020; the permit has been administratively continued since.

**Facility Overview**
The USAF TTR is a military installation that is operated by the USAF, located approximately 32 miles southeast of Tonopah. The USAF TTR generates wastewater flow from military housing and an industrial area. The industrial area wastewater flow is pre-treated, via several oil-water separators, for the removal of oil and grease from equipment wash racks. After pre-treatment, the industrial wastewater flow is combined with the domestic wastewater flow at the headworks for final treatment in two aerated ponds. The wastewater in the aerated ponds is treated via biological processes and discharged into lined evaporation basins.

The WWTF consists of two lined partial-mix treatment ponds featuring a three-layer structure: an aerobic surface layer, an anaerobic bottom sludge layer, and an intermediate facultative zone where bacteria degrade organic waste. The original treatment pond is identified as the Modified Aerated Facultative Lagoon and is a 1.33-acre, clay-lined (bentonite) pond, aerated with four (4) 7.5 Hp aerators. This treatment pond discharges secondary (biological) treated effluent to two high density polyethylene (HDPE)-lined (60-mil thickness) evaporations ponds, which have an area of 0.9 acres (West Evaporation Pond) and 1.2 acres (East Evaporation Pond).

The newer treatment pond is identified as the new aerated facultative lagoon and is an 8.5-acre, HDPE-lined lagoon, aerated with four (4) 7.5 Hp aerators. The facultative lagoon is characterized by a three-layer system: an aerobic surface zone, an intermediate facultative zone, and an anaerobic bottom sludge layer. They rely on algae for oxygen production and bacteria for organic waste decomposition. Secondary treated effluent from this lagoon is discharged to a 5.0-acre, clay-lined evaporation basin (remaining large evaporation basin).

**Outfall Summary**
Outfall INF – This internal outfall is for the measuring and monitoring of the incoming influent entering the WWTF.

Outfall EFF – This external outfall is for the monitoring of the secondary treated wastewater prior to being discharged into the evaporation basins.

Outfall 002 OIL/WATER SEPARATOR # 2 – This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 003 OIL/WATER SEPARATOR # 3 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 004 OIL/WATER SEPARATOR # 4 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 006 OIL/WATER SEPARATOR # 6 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 007 OIL/WATER SEPARATOR # 7 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 008 OIL/WATER SEPARATOR # 8 - This internal outfall is for the monitoring of permitted pollutants

of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 015 OIL/WATER SEPARATOR # 15 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 018 OIL/WATER SEPARATOR # 18 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 020 OIL/WATER SEPARATOR # 20 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 021 OIL/WATER SEPARATOR # 21 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 022 OIL/WATER SEPARATOR # 22 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 023 OIL/WATER SEPARATOR # 23 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 024 OIL/WATER SEPARATOR # 24 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 025 OIL/WATER SEPARATOR # 25 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 026 OIL/WATER SEPARATOR # 26 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 027 OIL/WATER SEPARATOR # 27 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 028 OIL/WATER SEPARATOR # 28 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

Outfall 029 OIL/WATER SEPARATOR # 29 - This internal outfall is for the monitoring of permitted pollutants of concern being received from the office buildings and maintenance shops along with removing Total Petroleum Hydrocarbons from the influent before it is discharged to the WWTF.

**Facility Upgrades since last issued permit**
There have been no facility upgrades since the last issued permit.

**Solids Handling**
Sludge breaks down in a partial mix treatment pond primarily through slow anaerobic digestion at the bottom, rather than rapid aerobic decomposition. While aeration keeps part of the water column

oxygenated, the settled solids typically form an anaerobic sludge blanket that decomposes slowly over time, usually requiring removal upon reaching 25 percent of the lagoon's operating depth. Removed solids are taken to the local landfill for disposal.

**Effluent Management and Reuse**
The effluent is discharged into lined evaporation basins after treatment. There is no applied reuse of the treated wastewater.

**Design Flow (and basis) and Measurement & Current Capacity**
The TTR WWTF was originally permitted with an average day flow rate of 0.375 million gallons per day (Mgal/d).

The average reported daily maximum flow rate for Outfall INF was 0.08 Mgal/d. The permitted daily maximum flow rate for Outfall INF is limited to 0.672 Mgal/d. There were no reported exceedances to this limit.

**Pretreatment Program**
The industrial area wastewater flow is pre-treated, via several oil-water separators, for the removal of oil and grease from equipment wash racks. After pre-treatment, the industrial wastewater flow is combined with the domestic wastewater flow at the headworks for final treatment in two aerated ponds.

Along with the oil-water separators, there are also food grease interceptors in the cafeteria to allow for pre-treatment of the domestic sewage generated from that building.

**Operations & Maintenance (O&M) Manual status**
The TTR WWTF's O&M Manual was last reviewed and approved on September 16, 1998. The Technical, Compliance, and Enforcement Branch of the Bureau of Water Pollution Control requires O&M Manuals to be every ten (10) years with an updated O&M Manual due ninety days after the permit reissuance date.

**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 TTR WWTF discharges secondary treated wastewater to evaporative basins for disposal.

The following reported averages were taken from January 2020 to December 2025 reporting period:

Abbreviations:
CBOD5 – Carbonaceous Biochemical Oxygen Demand, 5-day
TPH – Total Petroleum Hydrocarbons
TSS – Total Suspended Solids
mg/L – Milligrams per Liter
Mgal/d – Million Gallons per Day
OWS - Oil/Water Separator

Outfall INF (Influent):
CBOD5: 36.10 mg/L
Flow Rate: 0.08 Mgal/d
TSS: 91.84 mg/L

Outfall EFF (Effluent):
Barium: 0.03 mg/L
CBOD5: 64.73 mg/L
TPH: 1.26 mg/L
TSS: 97.25 mg/L

Outfall 002 (OWS2):
Barium: 0.02 mg/L
Chromium: 0.013*
TPH: 0.375 mg/L**

Outfall 003 (OWS3):
Barium: 0.01 mg/L
TPH: 0.70 mg/L

Outfall 004 (OWS4):
Barium: 0.01 mg/L

Outfall 006 (OWS6):
Barium: 0.01 mg/L
TPH: 7.43 mg/L

Outfall 007 (OWS7):
Barium: 0.01 mg/L
TPH: 0.36 mg/L**

Outfall 008 (OWS8):
Barium: 0.06 mg/L
Chromium: 0.007 mg/L*
TPH: 1.93 mg/L

Outfall 015 (OWS15):
Barium: 0.15 mg/L
Chromium: 0.013 mg/L*
Selenium: 0.02 mg/L*
TPH: 33.58 mg/L

Outfall 018 (OWS18):
Arsenic: 0.02 mg/L*
Barium: 0.13 mg/L
Cadmium: 0.008 mg/L*
Chromium: 0.01 mg/L
Lead: 0.013 mg/L*
TPH: 1.27 mg/L

Outfall 020 (OWS20):
Barium: 0.06 mg/L
TPH: 1.59 mg/L

Outfall 021 (OWS21):
Arsenic: 0.03 mg/L*
Barium: 0.04 mg/L
TPH: 271.25 mg/L

Outfall 022 (OWS22):
Barium: 0.03 mg/L
TPH: 3.57 mg/L

Outfall 023 (OWS23):
Barium: 0.05 mg/L
TPH: 0.10 mg/L

Outfall 024 (OWS24):
Barium: 0.6 mg/L
Cadmium: 0.002 mg/L*
TPH: 0.73 mg/L

Outfall 025 (OWS25):
Barium: 0.03 mg/L
TPH: 0.11 mg/L

Outfall 026 (OWS26):
Barium: 0.12 mg/L
Lead: 0.01 mg/L*
TPH: 109.71 mg/L

Outfall 027 (OWS27):
Barium: 0.03 mg/L
Cadmium: 0.01 mg/L
TPH: 0.17 mg/L

Outfall 028 (OWS28):
Arsenic: 0.03 mg/L*
Barium: 0.07 mg/L***
Cadmium: 0.01 mg/L**
Chromium: 0.01 mg/L**
TPH: 7.53 mg/L

Outfall 029:
Arsenic: 0.2 mg/L*
Barium: 0.06 mg/L
Chromium: 0.01 mg/L*

Footnotes:
For Outfalls EFF, 002, 003, 004, 006, 007, 008, 015, 018, 020, 021, 023, 024, 025, 026, 027, 028, and 029, if any of the following parameters, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver or TPH, are not listed under the individual outfalls with an associated averaged value, then the reported numbers were either below detection/no detection.

*One instance, with the remaining being below detection/no detection.

**Two instances, with the remaining being below detection/no detection.

***Three instances, with the remaining being below detection/no detection.

**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 both the treated effluent and the oil/water separators are Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver, and TDS.

**Receiving Water**
While the wastewater is discharged to evaporation ponds, the receiving water is considered to be groundwater of the State. Groundwater is reported to be approximately 100 feet below ground surface, at an elevation of 5,250 feet above mean sea level, and flows west.

**Compliance History**

Note this statement may be revised based on TCE comments and Permittee review.

The TTR WWTF was out of compliance both based on the increased levels of CBOD5 and TSS reported in the effluent, being greater than the influent, which could be caused by excessive algal growth and long retention times, along with intermittent non-reporting. A review of recent aerials flown show the treatment pond color ranging from emerald green to dark green blue, lending to this assumption. The Permittee has been contacted to facilitate additional discussion, with any potential action plans to be approved by the Division's TCE group prior to commencement.

**Proposed Effluent Limitations**
The discharge shall be limited and monitored by the Permittee as specified below.

**WWTP Discharge Limitations Table for Sample Location 002 (Internal Outfall Ows2) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 002 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 002 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 002 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 002 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 002 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 002 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 002 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 002 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 002 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 003 (Internal Outfall Ows3) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 003 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 003 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 003 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 003 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 003 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 003 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 003 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 003 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 003 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 004 (Internal Outfall Ows4) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 004 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 004 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 004 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 004 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 004 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 004 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 004 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 004 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 004 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 006 (Internal Outfall Ows6) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 006 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 006 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 006 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 006 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 006 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 006 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 006 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 006 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 006 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 007 (Internal Outfall Ows7) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 007 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 007 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 007 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 007 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 007 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 007 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 007 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 007 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 007 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 008 (Internal Outfall Ows8) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 008 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 008 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 008 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 008 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 008 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 008 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 008 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 008 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 008 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 015 (Internal Outfall Ows15) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 015 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 015 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 015 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 015 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 015 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 015 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 015 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 015 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 015 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 018 (Internal Outfall Ows18) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 018 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 018 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 018 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 018 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 018 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 018 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 018 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 018 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 018 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 020 (Internal Outfall Ows20) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 020 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 020 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 020 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 020 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 020 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 020 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 020 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 020 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 020 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 021 (Internal Outfall Ows21) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 021 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 021 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 021 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 021 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 021 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 021 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 021 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 021 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 021 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 022 (Internal Outfall Ows22) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 022 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 022 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 022 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 022 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 022 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 022 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 022 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 022 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 022 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 023 (Internal Outfall Ows23) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 023 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 023 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 023 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 023 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 023 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 023 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 023 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 023 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 023 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 024 (Internal Outfall Ows24) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 024 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 024 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 024 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 024 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 024 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 024 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 024 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 024 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 024 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 025 (Internal Outfall Ows25) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 025 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 025 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 025 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 025 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 025 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 025 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 025 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 025 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 025 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 026 (Internal Outfall Ows26) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 026 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 026 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 026 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 026 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 026 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 026 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 026 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 026 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 026 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 027 (Internal Outfall Ows27) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 027 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 027 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 027 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 027 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 027 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 027 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 027 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 027 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 027 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 028 (Internal Outfall Ows28) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 028 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 028 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 028 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 028 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 028 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 028 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 028 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 028 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 028 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location 029 (Internal Outfall Ows29) To Be Reported Annually[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 029 | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 029 | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 029 | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 029 | Annual | DISCRT |
| Hydrocarbons, total petroleum | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 029 | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 029 | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 029 | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 029 | Annual | DISCRT |
| Silver, dissolved (as Ag) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Internal Monitoring Point | 029 | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location Eff (Effluent-External Outfall) To Be Reported Quarterly**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| BOD, carbonaceous, 05 day, 20 C[1] | Daily Maximum | | <= 40 Milligrams per Liter (mg/L) | Effluent Gross | EFF | Quarterly | COMPOS |
| BOD, carbonaceous, 05 day, 20 C[1] | Quarterly Average | | <= 25 Milligrams per Liter (mg/L) | Effluent Gross | EFF | Quarterly | COMPOS |
| Nitrogen, total | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Quarterly | DISCRT |
| pH, maximum | Daily Maximum | | <= 9.0 Standard Units (SU) | Effluent Gross | EFF | Quarterly | DISCRT |
| pH, minimum | Daily Minimum | | >= 6.0 Standard Units (SU) | Effluent Gross | EFF | Quarterly | DISCRT |
| Solids, total suspended[1] | Daily Maximum | | <= 135 Milligrams per Liter (mg/L) | Effluent Gross | EFF | Quarterly | COMPOS |
| Solids, total suspended[1] | Quarterly Average | | <= 90 Milligrams per Liter (mg/L) | Effluent Gross | EFF | Quarterly | COMPOS |
| BOD, carb-5 day, 20 deg C, percent removal | Quarterly Minimum[2] | | >= 85 Percent (%) | Effluent Gross | EFF | Quarterly | CALCTD |
| Solids, suspended percent removal | Quarterly Minimum[2] | | >= 85 Percent (%) | Effluent Gross | EFF | Quarterly | CALCTD |

Notes (WWTP Discharge Limitations Table):

1. Effluent samples from Modified Aerated Facultative Lagoon shall be required when there is a discharge to the West and/or East Evaporation Ponds.If no discharge occurred during the quarter, then “No Discharge” or "C" shall be indicated on the DMR Report.

   Effluent samples from New Aerated Facultative Lagoon shall be required when there is a discharge to the Remaining Large Evaporation Pond.If no discharge occurred during the quarter, then “No Discharge” or "C" shall be indicated on the DMR Report.

2. CBOD5 and TSS should be sampled concurrently when the same parameters are sampled in Outfall INF to determine actual removal rates achieved.

**WWTP Discharge Limitations Table for Sample Location Eff (Effluent-External Outfall) To Be Reported Annually**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Alkalinity, bicarbonate (as CaCO3) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Alkalinity, total (as CaCO3) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Aluminum, dissolved (as Al) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Antimony, dissolved (as Sb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Arsenic, dissolved (as As) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Barium, dissolved (as Ba) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Beryllium, dissolved (as Be) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Cadmium, dissolved (as Cd) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Calcium, dissolved (as Ca) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Chloride (as Cl) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Chromium, dissolved (as Cr) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| | | | M&R | | | | |

**WWTP Discharge Limitations Table for Sample Location Eff (Effluent-External Outfall) To Be Reported Annually**

| 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 | EFF | Annual | DISCRT |
| Fluoride, total (as F) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Hydrocarbons, total petroleum[1] | Annual Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual[2] | DISCRT |
| Iron, dissolved (as Fe) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Lead, dissolved (as Pb) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Magnesium, dissolved (as Mg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Manganese, dissolved (as Mn) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Mercury, dissolved (as Hg) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Nitrite plus nitrate total 1 det. (as N) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Potassium, dissolved (as K) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Selenium, dissolved [as Se] | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| | | | M&R | | | | |

**WWTP Discharge Limitations Table for Sample Location Eff (Effluent-External Outfall) To Be Reported Annually**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| Silver, dissolved (as Ag) | Daily Maximum | | Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Sodium, dissolved (as Na) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Sulfate, total (as SO4) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Thallium, dissolved (as Tl) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Solids, total dissolved | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Uranium, natural, total | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Cyanide, weak acid, dissociable | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |
| Zinc, dissolved (as Zn) | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Effluent Gross | EFF | Annual | DISCRT |

Notes (WWTP Discharge Limitations Table):

1. Effluent samples from New Aerated Facultative Lagoon shall be required when there is a discharge to the Remaining Large Evaporation Pond. If no discharge occurred during the quarter, then “No Discharge” or "C" shall be indicated on the DMR Report.
2. Samples to be taken mid-week (T, W or TH) in the 1st Quarter.

**WWTP Discharge Limitations Table for Sample Location Inf (Influent-Internal Outfall) 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 | <= 0.375 Million Gallons per Day (Mgal/d) | | Raw Sewage Influent | INF | Continuous | METER |
| Flow rate[1] | Daily Maximum | <= 0.672 Million Gallons per Day (Mgal/d) | | Raw Sewage Influent | INF | Continuous | METER |

Notes (WWTP Discharge Limitations Table):

1. Combined domestic and industrial flow at headworks.

**WWTP Discharge Limitations Table for Sample Location Inf (Influent-Internal Outfall) To Be Reported Quarterly[1]**

| Discharge Limitations | | | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|---|
| **Parameter** | **Base** | **Quantity** | **Concentration** | **Monitoring Loc** | **Sample Loc** | **Measurement Frequency** | **Sample Type** |
| BOD, carbonaceous, 05 day, 20 C | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Raw Sewage Influent | INF | Quarterly | COMPOS |
| BOD, carbonaceous, 05 day, 20 C | Quarterly Average | | M&R Milligrams per Liter (mg/L) | Raw Sewage Influent | INF | Quarterly | COMPOS |
| Solids, total suspended | Daily Maximum | | M&R Milligrams per Liter (mg/L) | Raw Sewage Influent | INF | Quarterly | COMPOS |
| Solids, total suspended | Quarterly Average | | M&R Milligrams per Liter (mg/L) | Raw Sewage Influent | INF | Quarterly | COMPOS |

Notes (WWTP Discharge Limitations Table):

1. CBOD5 and TSS should be sampled concurrently when the same parameters are sampled in Outfall EFF to determine actual removal rates achieved.

**Summary of Changes From Previous Permit**

Under Outfall INF (Influent) To Be Reported Quarterly the following revisions were made:

CHANGED: CBOD, 5-day, with a “Quarterly Maximum” Base was revised to a “Daily Maximum” Base, all other discharge limitations and monitoring requirements remain the same.

CHANGED: Solids, total suspended, with a “Quarterly Maximum” Base was revised to a “Daily Maximum” Base, all other discharging limitations and monitoring requirements remain the same.

ADDED: Footnote 1.

1. CBOD5 and TSS should be sampled concurrently when the same parameters are sampled in Outfall EFF to determine actual removal rates achieved.

Under Outfall EFF (Effluent) To Be Reported Quarterly the following revisions or additions were made:

CHANGED: CBOD, 5-day, with a “Quarterly Maximum” Base was revised to a “Daily Maximum” Base, along with changing the “M&R Milligrams per Liter (mg/L)” Concentration to a “<=25 Milligrams per Liter (mg/L)” Concentration, all other monitoring requirements remain the same.

CHANGED: Solids, total suspended, with a “Quarterly Maximum” Base was revised to a “Daily Maximum” Base, along with changing the “M&R Milligrams per Liter (mg/L)” Concentration to a “<=135 Milligrams per Liter (mg/L)" Concentration, all other discharge limitations and monitoring requirements remain the same.

CHANGED: Solids, total suspended, with a “Quarterly Average” Base was revised from a “M&R Milligrams per Liter (mg/L)” Concentration to a “<=90 Milligrams per Liter (mg/L)" Concentration, all other discharge limitations and monitoring requirements remain the same.

ADDED: Nitrogen, total, with a “Daily Maximum” Base, a "M&R Milligrams per Liter (mg/L)" Concentration, an “Effluent Gross” Monitoring Location, an “EFF” Sample Location, a “Quarterly” Measurement Frequency, and “Discrt” Sample Type.

ADDED: pH, maximum, with a “Daily Maximum” Base, a “<=9.0 Standard Units (S.U)” Concentration, an “Effluent Gross” Monitoring Location, an “EFF” Sample Location, a “Quarterly” Measurement Frequency, and “Discrt” Sample Type.

ADDED: pH, minimum, with a “Daily Minimum” Base, a “>=6.0 Standard Units (S.U)” Concentration, an “Effluent Gross” Monitoring Location, an “EFF” Sample Location, a “Quarterly” Measurement Frequency, and “Discrt” Sample Type.

ADDED: CBOD, 5-day, percent removal, with a “Quarterly Average Minimum” Base, an “>=85 Percent (%)” Concentration, an “Effluent Gross’ Monitoring Location, a “EFF” Sample Location, a “Quarterly” Measurement Frequency, and “Calctd” Sample Type.

ADDED: Solids, suspended percent removal, with a “Quarterly Average Minimum” Base, an “>=85 Percent (%)” Concentration, an “Effluent Gross” Monitoring Location, a “EFF” Sample Location, a “Quarterly” Measurement Frequency, and “Calctd” Sample Type.

ADDED: Footnote 2.

2. CBOD5 and TSS should be sampled concurrently when the same parameters are sampled in Outfall INF to determine actual removal rates achieved.

Under Outfall EFF (Effluent) To Be Reported Annually the following parameters were added:

ADDED - Profile 1 Pollutants, not listed on the 2016 permit, with a “Daily Maximum” Base, an “M&R Milligrams per Liter (mg/L)” Concentration, an “Effluent Gross” Monitoring Location, an “EFF” Sample Location, an “Annual” Measurement Frequency and a “Discrt” Sample Type.

Under Outfalls EFF, 002-004, 006-008, 015, 018, 020-029, To Be Reported Annually the following was deleted:

DELETED: Footnote 1 or 2 (EFF) – EPA Modified 8015.

Under SOC – Schedule of Compliance Table the following Compliance Plan Item was added:

ADDED – Item 1.

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 engineer (P.E.).

**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 CBOD5 as a 30-day average of 25 mg/L and a 7-day average of 40 mg/L and for

maximum TSS as a 30-day average of 30 mg/L and a 7-day 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 30-day average percent removal of CBOD5 and TSS shall not be less than 85%. The Division has adopted these standards for groundwater dischargers, and has applied the same 7-day average threshold as the daily maximum effluent limit for BOD5, with an alternate TSS requirement, as approved by the state of Nevada and allowed by the U.S. EPA, further described below.

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

CBOD5: Quarterly average limit: <= 25 mg/L; Daily maximum limit: <= 40 mg/L.

pH: Daily Maximum: <= 9.0 Standard Units

pH: Daily Minimum >= 6.0 Standard Units

Federal regulations also allow states to adjust the maximum allowable TSS concentration for waste stabilization ponds, upwards from those specified in the secondary treatment standards, to conform to TSS concentrations achievable with waste stabilization ponds. The approved alternate TSS requirement in the state of Nevada is 90 mg/L as a 30-day average, implemented as an average quarterly limit. Furthermore, the daily maximum TSS limit was calculated using a factor of 1.5 times the average quarterly limitation (90 mg/L X 1.5 = 135 mg/L).

Thus, the following TSS limit is applicable:

TSS: The daily maximum threshold is limited to 135 mg/L. The quarterly average threshold is limited to 90 mg/L.

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

CBOD5 percent removal standard, based on quarterly average, must meet a minimum limit is 85%.

TSS percent removal standard, based on a quarterly average, must meet minimum limit is 85%.

Limits Based on Facility's Design Criteria Review:

Permitted 30-day average flow rate for influent is limited to <= 0.375 Mgal/d.

Permitted daily maximum flow rate for influent is limited to <=0.672 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)**
There are no proposed water quality based effluent limitations 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 requirement to monitor the effluent for Profile 1 pollutants on an annual basis is included to evaluate the quality of the effluent and determine whether the effluent has potential to impact the receiving

water. Although cyanide and uranium are not expected to be present in the effluent, the proposed permit requires the Permittee sample these constituents once during the permit term as they are included in the Profile 1 list and they have not been sampled before.

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.”

Influent and Effluent Monitoring Requirements:

Quarterly influent and effluent monitoring for CBOD5 and TSS are included to assess the treatment performance of the TTR WWTF. A quarterly sampling frequency for CBOD5 and TSS is sufficient for determining compliance with the applicable effluent limitations. Percent removal requirements for CBOD5 and TSS are established in the permit as quarterly average minimums of 85%, based on secondary treatment standards.

Some wastewater treatment processes can increase or decrease wastewater pH; therefore, quarterly monitoring for pH is included in assessing compliance with effluent limits of 6.0 S.U. as a daily minimum and 9.0 S.U. as a daily maximum.

Continued monitoring for TPH is required due to onsite activities at the TTR. The proposed permit retains the requirement to sample for TPH annually, at each oil/water separator, due to concern of potential contamination and disruption to the treatment system.

**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 applicable special approvals/conditions for this permit.

SA – Special Approvals / Conditions Table

| |
|---|
| There are no Special Approval / Condition items |

**Discharges From Future Outfalls/ Planned Facility Changes**
There are no planned future outfalls or facility changes for the proposed permit.

**Corrective Action Sites**
There are no active Bureau of Corrective Actions (BCA) remediation sites within a one-mile radius of the wastewater treatment plant.

**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 supply (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 engineer (P.E.). | 8/1/2026 |

**Deliverable Schedule:**

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

| Item # | Description | Interval | First Scheduled Due Date |
|---|---|---|---|
| 1 | Quarterly Reports | Quarterly | 7/28/2026 |
| 2 | Annual Report | Annually | 1/28/2027 |

**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. **4/27/2026,** 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: **Melissa Hanson**
Date: **3/17/2026**
Title: **Staff II Engineer**

**Tonopah Test Range Wastewater Facility (NS0020001)**

**Photo Taken on 16 December 2019**