PROPOSED DRAFT

Permit Type: Groundwater Discharge

Permit No. NS2008500

Nevada Division of Environmental Protection

AUTHORIZATION TO DISCHARGE

In compliance with Chapter 445A of the Nevada Revised Statutes (NRS),

CITY OF RENO
PO BOX 1900
RENO, NV - 89505

is authorized to discharge from a facility located at:

RENO STEAD WATER RECLAMATION FACILITY
4250 NORTON DR, RENO, NV - 89506
LATITUDE: 39.644289, LONGITUDE: -119.8650
TOWNSHIP: T21N, RANGE: R19E, SECTION: 32

to receiving waters named:

SURFACE WATERS OF THE STATE (SWAN LAKE VIA HORSE CREEK) AND GROUNDWATERS OF THE STATE, VIA PERCOLATION THROUGH ONSITE IRRIGATION

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Sections A, B, and C hereof.

This permit shall become effective on July 01, 2026.

This permit and the authorization to discharge shall expire at midnight, June 30, 2031.

Signed this 1st day of July 2026.

Bonnie Hartley
Staff II, Associate Engineer
Bureau of Water Pollution Control

SECTION A

A.1. INTRODUCTION

A.1.1. The Permittee, the City of Reno, has applied for the renewal of groundwater discharge permit NS2008500 for the Reno Stead Water Reclamation Facility (RSWRF) located at 4250 Norton Drive in Reno, Washoe County, Nevada. The Permittee proposes to continue discharging tertiary treated, denitrified, and disinfected wastewater to waters of the State (i.e., surface and groundwater).

A.2. EFFLUENT LIMITATIONS

A.2.1. There shall be no discharge from the facility property except as authorized by this permit.

A.2.2. There shall be no discharge of substances that would cause or contribute to an exceedance of water quality standards.

A.2.3. During the period beginning on the effective date of this permit, and lasting until the permit expires, the Permittee is authorized to:

discharge tertiary treated, denitrified, and disinfected wastewater to waters of the State. The Permittee may also provide Category A bacteriological quality reclaimed water to users who have obtained their own reuse permit.

Samples and measurements taken in compliance with the monitoring requirements specified below shall be taken at:

Sample Location	Location Type	Location Name
100	Influent Structure	INFLUENT
200	External Outfall	END OF TREATMENT AT UV
201	External Outfall	END OF TREATMENT AT CHLORINE CONTACT
400	Internal Outfall	FLOW-SHAVE/RAW SEWAGE DIVERTED THROUGH DIVERSION PUMP STATION TO TMWRF
500	External Outfall	FLOWS FROM SOLIDS PUMP STATION (INCLUDES WAS, FLOW-SHAVE, AND PROCESS WASTE STREAMS) DISCHARGED TO BECKWORTH FORCE MAIN
600	External Outfall	DISCHARGES TO SWAN LAKE VIA HORSE CREEK
R01	External Outfall	ADVANCED PURIFIED WATER FACILITY (NS2025503)
R02	Land Application Site	ONSITE LANDSCAPE IRRIGATION
R03	External Outfall	ONSITE TRUCK FILL STATION
R04	Land Application Site	MAYOR'S PARK

R05	Land Application Site	NORTH VALLEY REGIONAL COMPLEX (NS0099011)
R06	Land Application Site	SIERRA SAGE GOLF COURSE (NS0099010)
R07	Land Application Site	THE LAKES AT LEMMON VALLEY (NS2024509)
R08	Land Application Site	O'BRIEN MIDDLE SCHOOL (NS2003513)
R0T	Sum	SUM OF RECLAIMED WATER FOR OUTFALLS R02 - R08
SUM	Sum	SUM OF END OF TREATMENT DISCHARGES FROM THE FACILITY

A.2.4. Water Quality Standards: There shall be no discharge of substances that would cause the groundwater quality to degrade below drinking water standards.

A.2.5. Visibility Parameters: There shall be no discharge of floating solids or visible foam in other than trace amounts.

A.2.6. Solid Waste Management: All solid, toxic, or hazardous waste shall be properly handled and disposed of pursuant to applicable laws and regulations. Any sludge generated during this operation shall be characterized and disposed of in accordance with local, State, and Federal regulations.

A.2.7. Presumption of Possession and Compliance: Copies of this permit, any subsequent modifications, and the O&M Manual shall be maintained at the permitted facility at all times.

A.2.8. Records Retention: All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed and calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation, shall be retained for a minimum of five (5) years, or longer if required by the Administrator.

A.2.9. Prerogative to Reopen: There shall be no discharge of substances that would cause a violation of water quality standards of the State of Nevada as defined by the permit. The permit may be reopened, and additional limits imposed, if it is determined that the discharge is causing a violation of ambient water quality standards of the State of Nevada.

A.2.10. The discharge shall be limited and monitored by the Permittee as specified below. As applicable, exceptions to standard language in this permit are identified and authorized in the Special Approvals / Conditions table.

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate[1]	Daily Maximum	<= 8.88 Million Gallons per Day (Mgal/d)[2]		Raw Sewage Influent	100	Continuous	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Raw Sewage Influent	100	Continuous	METER
pH, minimum	Daily Minimum		M&R Standard Units (SU)	Raw Sewage Influent	100	Weekly	DISCRT
pH, maximum	Daily Maximum		M&R Standard Units (SU)	Raw Sewage Influent	100	Weekly	DISCRT
BOD, 5-day	Daily Maximum		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	100	Weekly	DISCRT
BOD, 5-day	30 Day Average		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	100	Weekly	DISCRT
Solids, total suspended	Daily Maximum		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	100	Weekly	DISCRT
Solids, total suspended	30 Day Average		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	100	Weekly	DISCRT

Notes (WWTP Discharge Limitations Table):

1. Report as measured at the influent measuring device; this includes flow-shave component for the day.
2. Peak daily flow per the approved design criteria; instantaneous flows are expected to vary and will be used by SCADA to determine the daily flow rate value.

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Annual Average	<= 4.0 Million Gallons per Day (Mgal/d)		Raw Sewage Influent	100	Continuous	CALCTD
1,2,4-Trichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,2-Dichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,2-Diphenylhydrazine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,3-Dichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,4-Dichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2,4-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2,6-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2-Chloronaphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
3,3-Dichlorobenzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
4-Bromophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
4-Chlorophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Acenaphthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Acenaphthylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Benzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Benzo(a)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Benzo(a)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Benzo(b)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Benzo(ghi)perylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Benzo(k)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Bis(2-chloroethoxy)methane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Bis(2-chloroethyl) ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Bis(2-chloroisopropyl) ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Bis(2-ethylhexyl) phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Butyl benzyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Chrysene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Dibenzo(a,h)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Diethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Dimethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Di-n-butyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Di-n-octyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Fluoranthene (Fluoranthene (Polynuclear Aromatic Hydrocarbon))	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Fluorene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Hexachlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Hexachlorobutadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Hexachlorocyclopentadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Hexachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Indeno(1,2,3-cd)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Isophorone	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Naphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Nitrobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
N-Nitrosodimethylamine (NDMA)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
N-Nitrosodi-N-propylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
N-Nitrosodiphenylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Phenanthrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,1,1-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,1,2,2-Tetrachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,1,2-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,1-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,1-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,2-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
1,2-Dichloropropane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
trans-1,2-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
1,3-Dichloropropene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2-Chloroethyl vinyl ether, (mixed)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Acrolein	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Acrylonitrile	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Benzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Bromoform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Carbon tetrachloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Chlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Chloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Chloroform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Dibromochloromethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Dichlorobromomethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Ethylbenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Methyl bromide (Bromomethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Methyl chloride (Chloromethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Methylene chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Tetrachloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Toluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Trichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Vinyl chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
4,4-DDD	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
4,4-DDE	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
4,4-DDT	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Aldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
.alpha.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
.alpha.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
.beta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
.beta.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Chlordane (tech mix. and metabolites)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
.delta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Dieldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Endosulfan sulfate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Endrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Endrin aldehyde	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
.gamma.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Heptachlor	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Heptachlor epoxide	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
PCB-1016	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
PCB-1221	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
PCB-1232	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
PCB-1242	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
PCB-1248	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
PCB-1254	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
PCB-1260	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Toxaphene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2,4,6-Trichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2,4-Dichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2,4-Dimethylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2,4-Dinitrophenol (Dinitrophenols)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2-Chlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
4-Chloro-3-methylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
4-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Pentachlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Phenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Antimony, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Arsenic, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Beryllium, total recoverable (as Be)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Cadmium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Chromium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Copper, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Lead, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Mercury, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Nickel, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Selenium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 100 (Influent Structure) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Silver total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Thallium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Zinc, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
2,3,7,8-Tetrachlorodibenzo-p-dioxin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT
Asbestos	Daily Maximum		M&R Fibers per Milliliter (Fib/mL)	Raw Sewage Influent	100	Annual	DISCRT
Cyanide, total (as CN)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Raw Sewage Influent	100	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Monthly[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)[2]		Effluent Gross	200	Continuous	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	200	Continuous	METER
pH, minimum	Daily Minimum		>= 6.0 Standard Units (SU)	Effluent Gross	200	Weekly	GRAB
pH, maximum	Daily Maximum		<= 9.0 Standard Units (SU)	Effluent Gross	200	Weekly	GRAB
BOD, 5-day	7 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Weekly	DISCRT
BOD, 5-day	30 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Weekly	DISCRT
Solids, total suspended	7 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Weekly	DISCRT
Solids, total suspended	30 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Weekly	DISCRT
Nitrogen, total	Daily Maximum		< 10.0 Milligrams per Liter (mg/L)	Effluent Gross	200	Weekly	DISCRT
Nitrogen, total	30 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Weekly	DISCRT
Coliform, total general	Daily Maximum		M&R Most Probable Number per 100ml T (MPN/100mL)[3]	Effluent Gross	200	Weekly	DISCRT
Coliform, total general	30 Day Geometric Mean		M&R Most Probable Number per 100ml T (MPN/100mL)[3]	Effluent Gross	200	Weekly	DISCRT

Notes (WWTP Discharge Limitations Table):

1. Effluent samples taken in compliance with the monitoring requirements specified in this table shall be taken at the end of the UV disinfection treatment train.
2. Design peak daily flow that facility is anticipated to be able to treat to meet performance indicators. Peak instantaneous flows may vary.
3. MPN / 100 mL or CFU / 100 mL.

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Annual Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	200	Annual	CALCTD
1,2,4-Trichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,2-Dichlorobenzene (O-Dichlorobenzene)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,2-Diphenylhydrazine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,3-Dichlorobenzene (M-Dichlorobenzene)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,4-Dichlorobenzene (P-Dichlorobenzene)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2,4-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2,6-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2-Chloronaphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
3,3-Dichlorobenzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
4-Bromophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
4-Chlorophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Acenaphthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Acenaphthylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Benzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Benzo(a)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Benzo(a)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Benzo(b)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Benzo(ghi)perylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Benzo(k)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Bis(2-chloroethoxy)methane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Bis(2-chloroethyl) ether	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Bis(2-chloroisopropyl) ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Bis(2-ethylhexyl) phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Butyl benzyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Chrysene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Dibenzo(a,h)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Diethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Dimethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Di-n-butyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Di-n-octyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Fluoranthene (Fluoranthene (Polynuclear Aromatic Hydrocarbon))	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Fluorene	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Hexachlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Hexachlorobutadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Hexachlorocyclopentadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Hexachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Indeno(1,2,3-cd)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Isophorone	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Naphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Nitrobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
N-Nitrosodimethylamine (NDMA)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
N-Nitrosodi-N-propylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
N-Nitrosodiphenylamine	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Phenanthrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,1,1-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,1,2,2-Tetrachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,1,2-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,1-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,1-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,2-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
1,2-Dichloropropane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
trans-1,2-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
1,3-Dichloropropene	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2-Chloroethyl vinyl ether, (mixed)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Acrolein	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Acrylonitrile	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Benzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Bromoform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Carbon Tetrachloride (Tetrachloromethane (Carbon Tetrachloride))	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Chlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Chloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Chloroform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Dibromochloromethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Dichlorobromomethane	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Ethylbenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Methyl bromide (Bromomethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Methyl chloride (Chloromethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Methylene chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Tetrachloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Toluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Trichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Vinyl Chloride (Chloroethylene (Vinyl))	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
4,4-DDD	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
4,4-DDE	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
4,4-DDT	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Aldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
.alpha.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
.alpha.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
.beta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
.beta.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Chlordane (tech mix. and metabolites)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
.delta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Dieldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Endosulfan sulfate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Endrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Endrin aldehyde	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
.gamma.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Heptachlor	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Heptachlor epoxide	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
PCB-1016	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
PCB-1221	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
PCB-1232	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
PCB-1242	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
PCB-1248	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
PCB-1254	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
PCB-1260	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Toxaphene	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2,4,6-Trichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2,4-Dichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2,4-Dimethylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2,4-Dinitrophenol (Dinitrophenols)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2-Chlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
4-Chloro-3-methylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
4-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Pentachlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Phenol	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Antimony, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Arsenic, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Beryllium, total recoverable (as Be)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Cadmium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Chromium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Copper, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Lead, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Mercury, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Nickel, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Selenium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Silver total recoverable	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Thallium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Zinc, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2,3,7,8-Tetrachlorodibenzo-p-dioxin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Asbestos	Daily Maximum		M&R Fibers per Milliliter (Fib/mL)	Effluent Gross	200	Annual	DISCRT
Cyanide, total (as CN)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Barium, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Boron, total recoverable[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Fluoride, total (as F)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Alkalinity, bicarbonate (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Alkalinity, total (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Aluminum, dissolved (as Al)	Daily Maximum		M&R Milligrams per Liter	Effluent Gross	200	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
			(mg/L)				
Calcium, dissolved (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Iron, dissolved (as Fe)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Magnesium, dissolved (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Manganese, dissolved (as Mn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Nitrite plus nitrate total 1 det. (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Potassium, dissolved (as K)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Sodium, dissolved (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Sulfate (as S)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT
Uranium, natural, total	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	200	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 200 (End Of Treatment At Uv) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
1,1-Dichloropropene (Dichloropropenes)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2,4-D Salts And Esters (2 4-D)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
2,4,5-TP(silvex) acids/salts, whole water sample	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
DDT	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Endosulfan, total	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Lindane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Methoxychlor	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Mirex	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT
Trihalomethane, tot.[3]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	200	Annual	DISCRT

Notes (WWTP Discharge Limitations Table):

1. Chemical constituents listed in this table, except for Boron, represent US EPA priority pollutants, NDEP Profile 1, and toxic materials (NAC 445A.1236). Frequency of monitoring of priority pollutants is subject to stipulations of B.PT.NS.3.2.1.
2. Boron represents the chemical constituent listed exclusively under NAC 445A.121(7) and is not subject to pretreatment regulations.
3. Total trihalomethanes is the sum of the concentration of bromodichloromethane, dibromochloromethane, bromoform, and chloroform.

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Monthly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	201	Continuous	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	201	Continuous	METER
pH, minimum	Daily Minimum		>= 6.0 Standard Units (SU)	Effluent Gross	201	Weekly	GRAB
pH, maximum	Daily Maximum		<= 9.0 Standard Units (SU)	Effluent Gross	201	Weekly	GRAB
BOD, 5-day	7 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Weekly	DISCRT
BOD, 5-day	30 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Weekly	DISCRT
Solids, total suspended	7 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Weekly	DISCRT
Solids, total suspended	30 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Weekly	DISCRT
Nitrogen, total	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Weekly	DISCRT
Nitrogen, total	30 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Weekly	DISCRT
Coliform, total general	Daily Maximum		M&R Most Probable Number per 100ml T (MPN/100mL)[3]	Effluent Gross	201	Weekly	DISCRT
Coliform, total general	30 Day Geometric Mean		M&R Most Probable Number per 100ml T (MPN/100mL)[3]	Effluent Gross	201	Weekly	DISCRT

Notes (WWTP Discharge Limitations Table):

1. Effluent samples taken in compliance with the monitoring requirements specified in this table shall be taken at the end of the chlorine contact treatment train.
2. If this outfall cannot be sampled during the reporting period due to no discharge, use No Data Indicator (NODI) Code "C", for "No Discharge".
3. MPN / 100 mL or CFU / 100 mL.

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Annual Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	201	Annual	CALCTD
1,2,4-Trichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,2-Dichlorobenzene (O-Dichlorobenzene)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,2-Diphenylhydrazine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,3-Dichlorobenzene (M-Dichlorobenzene)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,4-Dichlorobenzene (P-Dichlorobenzene)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2,4-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2,6-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2-Chloronaphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
3,3-Dichlorobenzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
4-Bromophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
4-Chlorophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Acenaphthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Acenaphthylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Benzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Benzo(a)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Benzo(a)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Benzo(b)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Benzo(ghi)perylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Benzo(k)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Bis(2-chloroethoxy)methane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Bis(2-chloroethyl) ether	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Bis(2-chloroisopropyl) ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Bis(2-ethylhexyl) phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Butyl benzyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Chrysene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Dibenzo(a,h)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Diethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Dimethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Di-n-butyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Di-n-octyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Fluoranthene (Fluoranthene (Polynuclear Aromatic Hydrocarbon))	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Fluorene	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Hexachlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Hexachlorobutadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Hexachlorocyclopentadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Hexachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Indeno(1,2,3-cd)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Isophorone	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Naphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Nitrobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
N-Nitrosodimethylamine (NDMA)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
N-Nitrosodi-N-propylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
N-Nitrosodiphenylamine	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Phenanthrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,1,1-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,1,2,2-Tetrachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,1,2-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,1-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,1-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,2-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
1,2-Dichloropropane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
trans-1,2-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
1,3-Dichloropropene	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2-Chloroethyl vinyl ether, (mixed)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Acrolein	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Acrylonitrile	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Benzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Bromoform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Carbon Tetrachloride (Tetrachloromethane (Carbon Tetrachloride))	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Chlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Chloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Chloroform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Dibromochloromethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Dichlorobromomethane	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Ethylbenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Methyl bromide (Bromomethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Methyl chloride (Chloromethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Methylene chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Tetrachloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Toluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Trichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Vinyl chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
4,4-DDD	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
4,4-DDE	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
4,4-DDT	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Aldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
.alpha.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
.alpha.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
.beta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
.beta.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Chlordane (tech mix. and metabolites)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
.delta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Dieldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Endosulfan sulfate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Endrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Endrin aldehyde	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
.gamma.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Heptachlor	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Heptachlor epoxide	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
PCB-1016	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
PCB-1221	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
PCB-1232	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
PCB-1242	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
PCB-1248	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
PCB-1254	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
PCB-1260	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Toxaphene	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2,4,6-Trichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2,4-Dichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2,4-Dimethylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2,4-Dinitrophenol (Dinitrophenols)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2-Chlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
4-Chloro-3-methylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
4-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Pentachlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Phenol	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Antimony, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Arsenic, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Beryllium, total recoverable (as Be)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Cadmium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Chromium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Copper, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Lead, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Mercury, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Nickel, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Selenium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
			M&R				

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Silver total recoverable	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Thallium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Zinc, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2,3,7,8-Tetrachlorodibenzo-p-dioxin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Asbestos	Daily Maximum		M&R Fibers per Milliliter (Fib/mL)	Effluent Gross	201	Annual	DISCRT
Cyanide, total (as CN)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Barium, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Boron, total recoverable[3]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Fluoride, total (as F)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Alkalinity, bicarbonate (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Alkalinity, total (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Aluminum, dissolved (as Al)	Daily Maximum		M&R Milligrams per Liter	Effluent Gross	201	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
			(mg/L)				
Calcium, dissolved (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Iron, dissolved (as Fe)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Magnesium, dissolved (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Manganese, dissolved (as Mn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Nitrite plus nitrate total 1 det. (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Potassium, dissolved (as K)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Sodium, dissolved (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Sulfate (as S)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT
Uranium, natural, total	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	201	Annual	DISCRT

WWTP Discharge Limitations Table for Sample Location 201 (End Of Treatment At Chlorine Contact) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
1,1-Dichloropropene (Dichloropropenes)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2,4-D Salts And Esters (2 4-D)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
2,4,5-TP(silvex) acids/salts, whole water sample	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
DDT	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Endosulfan, total	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Lindane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Methoxychlor	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Mirex	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT
Trihalomethane, tot.[4]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	201	Annual	DISCRT

Notes (WWTP Discharge Limitations Table):

1. Chemical constituents listed in this table, except for Boron, represent US EPA priority pollutants, NDEP Profile 1, and toxic materials (NAC 445A.1236). Frequency of monitoring of priority pollutants is subject to stipulations of B.PT.NS.3.2.1.
2. If this outfall cannot be sampled during the reporting period (Jan. - Dec.) due to no discharge, use No Data Indicator (NODI) Code "C", for "No Discharge".
3. Boron represents the chemical constituent listed exclusively under NAC 445A.121(7) and is not submitted to pretreatment regulations.
4. Total trihalomethanes is the sum of the concentration of bromodichloromethane, dibromochloromethane, bromoform, and chloroform.

WWTP Discharge Limitations Table for Sample Location Sum (Sum Of End Of Treatment Discharges) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum[2]	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	SUM	Continuous	METER[1]
Flow rate	Monthly Average[3]	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	SUM	Continuous	METER
BOD, 5-day	7 Day Average		<= 45 Milligrams per Liter (mg/L)	Effluent Gross	SUM	Weekly	DISCRT
BOD, 5-day	30 Day Average		<= 30 Milligrams per Liter (mg/L)	Effluent Gross	SUM	Weekly	DISCRT
BOD, 5-day, percent removal	Monthly Average Minimum		>= 85 Percent (%)	Effluent Gross	SUM	Weekly	CALCTD[4]
Solids, total suspended	7 Day Average		<= 45 Milligrams per Liter (mg/L)	Effluent Gross	SUM	Weekly	DISCRT
Solids, total suspended	30 Day Average		<= 30 Milligrams per Liter (mg/L)	Effluent Gross	SUM	Weekly	DISCRT
Solids, suspended percent removal	Monthly Average Minimum		>= 85 Percent (%)	Effluent Gross	SUM	Weekly	CALCTD[4]
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	SUM	Weekly	DISCRT
Nitrogen, total	30 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	SUM	Weekly	DISCRT

Notes (WWTP Discharge Limitations Table):

1. If continuous monitoring using meters is not feasible, the same may be calculated and reported to reflect the discharges during the reporting period, at the end of treatment within the facility and prior to discharge to any of the reuse sites and/or to Horse Creek. Flows measured at the Outfall 400, raw sewage diverted to TMWRF, shall not be included.
2. The reported daily maximum flow shall be the sum of all treated discharges leaving the facility. This includes reclaimed water discharged for

reuse (R01 thru R08) during the report period.

3. The reported 30-day average flow shall be the sum of all treated discharges leaving the facility. This includes reclaimed water discharged for reuse (R01 thru R08) during the report period.
4. Calculate using the concentration (30-day average) of the influent (Outfall 100) and that of the combined concentration (30-day average) of the effluent (Outfalls 200 and 201).

WWTP Discharge Limitations Table for Sample Location Sum (Sum) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Annual Average	M&R Million Gallons per Day (Mgal/d)[1]		Effluent Gross	SUM	Annual	CALCTD

Notes (WWTP Discharge Limitations Table):

1. Calculated using the flow measured at Outfalls 200 and 201 (not including flows from flow-shave operations).

Re-use Discharge Limitations Table for Sample Location 600 (Discharges To Swan Lake Via Horse Creek) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	600	Continuous	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	600	Continuous	METER
Coliform, fecal general	Daily Maximum		<= 240 Most Probable Number per 100ml T (MPN/100mL)[1]	Prior to Reuse	600[2]	Weekly When Discharging	DISCRT
Coliform, fecal general	30 Day Geometric Mean		<= 23 Most Probable Number per 100ml T (MPN/100mL)[1]	Prior to Reuse	600[2]	Weekly When Discharging	DISCRT
Chlorine, free available	Daily Maximum		M&R Micrograms per Liter (ug/L)	Prior to Reuse	600	Weekly When Discharging	GRAB
Chlorine, free available	30 Day Average		M&R Micrograms per Liter (ug/L)	Prior to Reuse	600	Weekly When Discharging	GRAB
Nitrogen, total[3]	Monthly Average		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Weekly When Discharging	DISCRT

Notes (Re-use Discharge Limitations Table):

1. Fecal coliform limits are consistent with Category C bacteriological quality, pursuant to NAC 445A.276.
2. Point of compliance for fecal coliform shall be located past both the tertiary treatment units, namely the ultraviolet disinfection process and the chlorine contact basin, and as applicable, consistent with the actual and permitted operations during the reporting period.
3. Total nitrogen values may be reported as sampled at the end of treatment outfall location 200 as the treated effluent from this outfall will primarily be sent for reuse.

Re-use Discharge Limitations Table for Sample Location 600 (Discharges To Swan Lake Via Horse Creek) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow, total	Annual Total	<= 675.2 Million Gallons (Mgal)[3]		Prior to Reuse	600	Continuous	CALCTD
Nitrogen, total	Annual Average		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	CALCTD
Arsenic, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Barium, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Boron, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Cadmium, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Chromium, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Copper, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Cyanide, total (as CN)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Fluoride, total (as F)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Lead, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
			M&R				

Re-use Discharge Limitations Table for Sample Location 600 (Discharges To Swan Lake Via Horse Creek) To Be Reported Annually[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Selenium, total recoverable	Daily Maximum		Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Silver total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT
Zinc, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Prior to Reuse	600	Annual	DISCRT

Notes (Re-use Discharge Limitations Table):

1. Metal parameters listed here are consistent with the metal constituents referred in NAC 445A.121(7).
2. Except for flow rate, the data for all other parameters may be reported from the sampling conducted at the outfall representing the end of the treatment (Outfall 200).
3. Total annual flow limit is based on 2,072 acre-ft per year.

Re-use Discharge Limitations Table for Sample Location R01 (Advanced Purified Water Facility (Ns2025503)) To Be Reported Monthly[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	R01	Continuous	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	R01	Continuous	METER

Notes (Re-use Discharge Limitations Table):

1. Discharge of treated effluent from RSWRF to APWF.

Re-use Discharge Limitations Table for Sample Location R02 (Reuse For Onsite Landscape Irrigation) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R02	Daily When Discharging	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R02	Daily When Discharging	METER
Flow rate	Monthly Total	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R02	Daily When Discharging	METER

Re-use Discharge Limitations Table for Sample Location R03 (Onsite Truck Fill Station) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R03	Daily When Discharging	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R03	Daily When Discharging	METER
Flow rate	Monthly Total	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R03	Daily When Discharging	METER

Re-use Discharge Limitations Table for Sample Location R04 (Mayor's Park) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R04	Daily When Discharging	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R04	Daily When Discharging	METER
Flow rate	Monthly Total	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R04	Daily When Discharging	METER

Re-use Discharge Limitations Table for Sample Location R05 (North Valley Regional Complex (Ns0099011)) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R05	Daily When Discharging	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R05	Daily When Discharging	METER
Flow rate	Monthly Total	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R05	Daily When Discharging	METER

Re-use Discharge Limitations Table for Sample Location R06 (Sierra Sage Golf Course (Ns0099010)) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R06	Daily When Discharging	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R06	Daily When Discharging	METER
Flow rate	Monthly Total	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R06	Daily When Discharging	METER

Re-use Discharge Limitations Table for Sample Location R07 (The Lakes At Lemmon Valley (Ns2024509)) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R07	Daily When Discharging	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R07	Daily When Discharging	METER
Flow rate	Monthly Total	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R07	Daily When Discharging	METER

Re-use Discharge Limitations Table for Sample Location R08 (O'brien Middle School (Ns2003513)) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R08	Daily When Discharging	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R08	Daily When Discharging	METER
Flow rate	Monthly Total	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	R08	Daily When Discharging	METER

Re-use Discharge Limitations Table for Sample Location R0t (Sum Of Reclaimed Water For Outfalls R02 - R08) To Be Reported Monthly[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Nitrogen, total	Monthly Average		M&R Milligrams per Liter (mg/L)	Prior to Reuse	R0T	Daily When Discharging	DISCRT
Coliform, total general[2]	Daily Maximum		<= 23 Most Probable Number per 100ml T (MPN/100mL)[3]	Prior to Reuse	R0T	Weekly When Discharging	DISCRT
Coliform, total general[2]	30 Day Geometric Mean		<= 2.2 Most Probable Number per 100ml T (MPN/100mL)[3]	Prior to Reuse	R0T	Weekly When Discharging	DISCRT

Notes (Re-use Discharge Limitations Table):

1. Data for these parameters may be reported from the sampling conducted at the outfall representing the end of the treatment (Outfall 200).
2. Point of compliance for coliform shall be located past both the disinfection treatment units, namely the ultraviolet disinfection process and the chlorine contact basin and, as applicable, consistent with the actual and permitted operations during the reporting period.
3. Coliform limits are consistent with the Category A bacteriological quality for reuse (NAC 445A.276). MPN / 100 mL or CFU / 100 mL.

NS OTHER - Discharge Limitations Table for Sample Location 400 (Flow-Shave/Raw Sewage Diverted Through Diversion Pump Station To Tmwrf) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Other Treatment, Process Complete[1]	400	Daily When Discharging	METER
Flow, total	Monthly Total	M&R Million Gallons (Mgal)		Other Treatment, Process Complete[1]	400	Daily When Discharging	METER

Notes (NS OTHER - Discharge Limitations Table):

1. Screened raw-sewage diverted to solids holding tank through diversion pump station.

NS OTHER - Discharge Limitations Table for Sample Location 500 (Flows From Solids Pump Station To Beckworth Force Main) To Be Reported Monthly

	Discharge Limitations			Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate[1]	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Alternate Process[1]	500	Continuous	METER
Flow rate[1]	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Alternate Process[1]	500	Continuous	METER

Notes (NS OTHER - Discharge Limitations Table):

1. This flow component represents the combined flow that consists of screened raw sewage (flow-shave), WAS, and any other process waste streams discharged to the Beckworth force main.

A.3. **Schedule of Compliance:** The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Nevada Division of Environmental Protection (Division), including in said implementation and compliance, any additions or modifications, which the Division may make in approving the schedule of compliance. All compliance deliverables shall be addressed to the attention of the Bureau of Water Pollution Control.

A.3.1. The Permittee shall achieve compliance with the effluent limitations upon issuance of the Permit.

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall evaluate their Pretreatment program once every permit cycle and provide a written technical evaluation to the Division (see Section B.PT.NS.3.3 of the permit). When applicable, such evaluation shall also include details of need to revise local limits.	10/28/2031

SA – Special Approvals / Conditions Table

Item #	Description
1	The Permittee may request to have additional reuse sites added to the permit, via a modification. Discharge to new reuse site(s) is contingent upon Division approvals and permits being obtained for the new reuse site(s) by the entity(ies) in responsible charge for each of such site(s).
2	This permit may be modified, via a modification, if the current classification of the receiving waterbody, Swan Lake, changes pursuant to NAC 445A.123.
3	The Permittee is exempt from screening the sludge for priority pollutants as stipulated in the pretreatment program-related boilerplate language (specifically B.PT.NS.3.2.1.). This exemption is consistent with the pretreatment regulations since the Permittee does not discharge biosolids/sludge to the environment, and all of the WAS is received by the TMWRF as influent.
4	Within 180 days of substantial completion of the expansion at the facility, the Permittee shall submit two copies (one digital and one hard copy) of an updated Operations and Maintenance (O&M) Manual, or an addendum to incorporate necessary updates to the O&M Manual as it is relevant to the upgrades at the facility. The O&M Manual, or addendum, shall be prepared and stamped by a Nevada professional engineer.

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Report	Quarterly	10/28/2026
2	Annual Report	Annually	1/28/2027
3	Annual Pretreatment Program Monitoring Report (see section B.PT.NS.3.2 of the permit)	Annually	10/28/2026

A.4. Certified Operators

A.4.1. The facility shall be operated by a Nevada Certified Class Operator (or higher) of classification

☐ None, ☐ Level 1, ☐ Level 2, ☐ Level 3, or ☒ Level 4.

A.5. Discharge Monitoring Reports (DMRs)

A.5.1. DMRs must be signed by the facility's highest ranking certified operator. The first DMR submitted under this permit must include the written designation of the certified operator required by Section C, Signatures, Certification Required on Application and Reporting Forms, as the authorized representative to sign the DMRs. If the certified operator in responsible charge changes, a new designation letter must be submitted.

SECTION B

Site specific requirements, which prevail in the case of any inconsistency with the requirements in Section A, are on the following pages:

B.TF. Treatment Facilities / Operations

B.TF.1. There shall be no objectionable odors from the collection system or wastewater treatment, disposal and reuse facilities.

B.TF.2. There shall be no discharge from the collection system or wastewater treatment, disposal and reuse facilities except as authorized by this permit.

B.TF.3. There shall be no discharge of substances that would cause an exceedance of drinking water standards in the groundwater.

B.TF.4. The wastewater treatment and disposal facilities shall be adequately posted and properly fenced.

B.TF.5. The wastewater collection, treatment, disposal and reuse facilities shall be constructed in conformance with plans approved by the Division. The plans must be approved by the Division prior to the start of construction. All changes to the approved plans must be approved by the Division.

B.TF.6. The facility shall be operated in accordance with the Division approved O&M Manual.

B.TF.7. An operations logbook, including the name of the operator, date, time, and general condition of the wastewater treatment facility, must be kept and maintained on the site premises. The operator shall inspect the site at the frequency prescribed in the O&M Manual.

B.TF.8. Flow Rate Notification: The Permittee shall notify the Administrator, by letter, not later than ninety (90) days after the 30-day average daily influent flow rate first equals or exceeds 85% of the design treatment capacity of the Permittee's facility given in Section A. above. The letter shall include:

B.TF.8.1. The 30-day average daily influent flow rate;

B.TF.8.2. The maximum 24-hour flow rate during the 30-day period reported above and the date the maximum flow occurred;

B.TF.8.3. The Permittee's estimate of when the 30-day average influent flow rate will equal or exceed the design treatment capacity of the Permittee's facility;

B.TF.8.4. A status report on the treatment works which will outline but not be limited to past performance, remaining capacity of the limiting treatment and disposal units or sites, past operational problems and improvements instituted, modifications to the treatment works which are needed to attain the permitted flow rate due to changing site specific conditions or design criteria; and

B.TF.8.5. The Permittee's schedule of compliance to provide additional treatment capacity before the 30-day average daily influent flow rate equals the present design treatment capacity of the Permittee's facility.

B.TF.9. Color photograph(s) of the Permitted facilities and operations, labeled and dated, shall be submitted to this office annually as part of the 4th quarter DMR.

B.NSO. NS Other

B.NSO.1. Operations and Maintenance of Permitted Activities: The Permittee shall operate the permitted facility in compliance with permit provisions and requirements, and in accordance with the reviewed O&M Manual.

B.NSO.2. Best Management Practices: The Permittee shall develop and implement Best Management Practices (BMPs) at the facility to include, at a minimum, "good housekeeping" measures. Best Management Practices shall be incorporated into a specific section of the O&M Manual.

B.RU. Reuse

B.RU.1. The facility shall be operated in accordance with the Division-approved Reclaimed Water Management Plan (RWMP).

B.RU.2. The reclaimed water reuse facility shall provide a copy of a brief document describing the possible hazards and proper hygiene of working with and around reclaimed water to all workers and other affected personnel. A copy shall be included in the RWMP.

B.RU.3. If the annual application volume exceeds the calculated annual application limit, the Permittee shall prepare a report that includes an evaluation of the application rates in the RWMP, an explanation of conditions (over seeding, reseeding, weather conditions, etc.) which led to the exceedance, and any planned changes the Permittee deems necessary. The evaluation shall be submitted with the fourth quarter Discharge Monitoring Report (DMR).

B.RU.4. The total nitrogen applied (lbs/year) shall not be greater than the maximum yearly nitrogen application rate defined in the RWMP.

B.RU.5. If the Permittee determines that the calculated nitrogen application rate has been exceeded in any one year, the Permittee shall prepare a report which includes an evaluation of the application rates in the approved RWMP, an explanation of conditions which led to the exceedance, and any planned changes the Permittee deems necessary. The evaluation shall be submitted with the fourth quarter DMRs.

B.RU.6. The reclaimed water irrigation system and storage ponds shall not cause objectionable odors on or off the site.

B.RU.7. The irrigation system, storage pond(s), and ancillaries shall be constructed in accordance with plans reviewed by the Division. All plans must be reviewed by the Division prior to the start of construction. Any significant system changes that result in the expansion of the areas of irrigation and/or change in the methods of reclaimed water application must be reviewed by the Division.

B.RU.8. Irrigation areas and ponds shall be posted with signs clearly stating that reclaimed water is in use and that contact with the reclaimed water should be avoided, where applicable. Pipe infrastructure conveying the reclaimed water must be identified by: (a) Color marking; or (b) A metal tag. All reclaimed water outlets, including, without limitation, hose connections, open ended pipes, and faucets, must be appropriately identified at the point of use.

B.RU.9. Irrigation shall be performed in such a manner as to reduce standing water to a minimum and to prevent runoff of reclaimed water from the site or into water courses.

B.RU.10. Ponds shall be designed and managed to meet conditions listed in this permit.

B.RU.11. All terms and conditions stated herein shall not supersede the requirements of the Nevada Division of Water Resources.

B.RU.12. The Permittee shall achieve compliance with the discharge limitations upon issuance of the permit.

B.RU.13. When applicable, monitoring wells shall be constructed in accordance with "WTS-4:

Monitoring Well Design Requirements" (NDEP, February 1997), and shall be installed and sampled prior to irrigation.

B.RU.14. Reclaimed Water Management Plan (RWMP)

B.RU.14.1. The RWMP shall be prepared and stamped by a Nevada Registered Professional Engineer or by a qualified professional.

B.RU.14.2. Pursuant to Section A, the RWMP shall be prepared and submitted for review and approval in accordance with the Division's General Criteria for Preparing a Reclaimed Water Management Plan (WTS-1B).

B.RU.14.3. The irrigation storage pond(s), distribution system, and ancillary facilities shall be operated in accordance with the RWMP.

B.RU.14.4. The RWMP shall contain the information required to comply with this permit.

B.RU.14.5. As applicable, the RWMP shall detail the procedures for collecting monitoring samples required by this permit.

B.RU.14.6. The Permittee shall not use the reclaimed water prior to having an approved RWMP.

B.PT.NS. Pretreatment of Industrial Wastewaters

B.PT.NS.1. Notice to Director

B.PT.NS.1.1. Pursuant to NRS 445A.505 and NAC 445A.255, the holder of this permit shall provide notice to the Director of all significant changes to the discharges received by the treatment works including, but not limited to, any new introduction of pollutants into the treatment works or substantial changes to the quantity and quality of pollutants introduced into the treatment works which pass through or interfere with treatment processes in the Publicly Owned Treatment Works (POTW) or which may contaminate sewage sludge.

B.PT.NS.1.2. Notice to the Director is satisfied by submittal of required information to the Division of Environmental Protection, Bureau of Water Pollution Control, Bureau Chief.

B.PT.NS.2. Standards for pretreatment; adoption by reference;

B.PT.NS.2.1. The Permittee shall implement and enforce a pretreatment program following the standards and provisions established pursuant to NAC 445A.254 to 445A.256, inclusive, and applicable portions of NRS 445A.300 to 445A.730, inclusive. The Permittee's pretreatment program shall require that all dischargers to the treatment works comply with the appropriate standards for pretreatment and the limitations and prohibitions applicable to the type of pollutant discharged, contained in 40 C.F.R. §§ 401.10 to 469.26, inclusive, as adopted by reference in NAC 445A.254, and including requirements of the Federal Water Pollution Control Act (the Act) identified in NAC 445A.256.

B.PT.NS.3. Responsibilities of the Permittee representing publicly owned treatment works capable of administering pretreatment program

B.PT.NS.3.1. The Permittee's pretreatment program shall also be consistent with 40 CFR Part 403 (hereinafter 403), as adopted by reference in NAC 445A.254, including any subsequent regulatory revisions to 403, and be responsible for and liable for the performance of all Control Authority pretreatment requirements contained in 403. Where 403 or subsequent revision places mandatory actions upon the Permittee as Control Authority but does not specify a timetable for completion of the actions, the Permittee shall complete the required actions within 6 months from the issuance date of this permit or the effective date of the 403 revisions, whichever comes later. For violations of pretreatment requirements, the Permittee shall be subject to enforcement actions, penalties, fines, or other remedies by the Division or other appropriate party, as adopted by reference. The Division may initiate enforcement action against a non-domestic user for noncompliance with applicable standards and requirements of NRS 445A.300 to 445A.730, inclusive.

B.PT.NS.3.1.1. The Permittee shall comply with a Division-approved Pretreatment Program, pursuant to NAC 445A.254 to 445A.256, inclusive. This program shall include written agreements that provide the Permittee with the legal authority to enforce the pretreatment program with all sewage agencies who contribute flows to the treatment facility. The Permittee shall comply with all parts of the schedule listed below:

B.PT.NS.3.1.1.1. The Permittee shall enforce the requirements promulgated under federal Toxic and Pretreatment Effluent Standards (33 U.S.C. §§1317(b) through (d)) and 402(b) of the Act with timely, appropriate and effective enforcement actions. The Permittee shall

cause all non-domestic users subject to federal categorical standards to achieve compliance no later than the date specified in those requirements or, in the case of a new non-domestic user, upon commencement of the discharge.

B.PT.NS.3.1.2. The POTW capable of administering pretreatment program as determined by the State shall require any industrial user of the treatment works to comply with the requirements of 33 U.S.C. §§ 1284(b), 1317 and 1318. The holder of the permit shall require that each industrial user subject to 33 U.S.C. § 1317 submit written notices no less often than every 9 months describing the user's progress in complying with the requirements imposed pursuant to that section.

B.PT.NS.3.1.3. As a means of ensuring that compliance, the holder shall use a system of permits or any other administrative device deemed appropriate which requires compliance by the industrial user with the pretreatment program.

B.PT.NS.3.1.4. The Permittee shall perform the pretreatment functions as required in 403, including but not limited to:

B.PT.NS.3.1.4.1. Implementing the necessary legal authorities as provided in 403.8(f)(1);

B.PT.NS.3.1.4.2. Enforcing the pretreatment requirements under 403.5 and 6;

B.PT.NS.3.1.4.3. Implementing the programmatic functions as provided in 403.8(f)(2); and

B.PT.NS.3.1.4.4. Providing the requisite funding and personnel to implement the pretreatment program as provided in 403.8(f)(3).

B.PT.NS.3.2. The Permittee shall submit annually a report to the Division describing its pretreatment activities over the previous year. In the event the Permittee is not in compliance with any conditions or requirements of this permit, the Permittee shall also include reasons for noncompliance and state how and when the Permittee shall comply with such conditions and requirements. This annual report shall cover operations for the previous calendar year and shall be submitted in accordance with the DLV Table (Section A). The report shall contain, but is not limited to, the following information:

B.PT.NS.3.2.1. A summary of the analytical results from representative, flow proportioned, 24-hour composite sampling of the POTW's influent and effluent for those pollutants US EPA has identified under section 307(a) of the Act which are known or suspected to be discharged by non-domestic users. This will consist of an annual full priority pollutant scan, with quarterly samples analyzed only for those pollutants detected in the full scan. Sludge shall be sampled during the same 24-hour period and analyzed for the same pollutants as the influent and effluent. The sludge analyzed shall be a composite sample of a minimum of twelve discrete samples taken at equal time intervals over a 24-hour period or a composite of discrete samples taken every two hours when the sludge production period is less than 24 hours. Wastewater and sludge sampling and analysis shall be performed a minimum of once per quarter. The Permittee shall also provide any influent or effluent monitoring data for non- priority pollutants which the Permittee believes may be causing or contributing to interference or pass through, or adversely impacting sludge quality. Sampling and analysis shall be performed with the techniques prescribed in 40 CFR 136;

B.PT.NS.3.2.2. A discussion of upset, interference, or pass through incidents, if any, at the treatment plant which the Permittee knows or suspects were caused by non- domestic users of

the POTW system. The discussion shall include the reasons why the incidents occurred, the corrective actions taken, and the name and address of the non-domestic user responsible, if known. The discussion shall also include a review of the applicable pollutant limitations to determine whether any additional limitations or changes to existing requirements may be necessary to prevent pass through or interference;

B.PT.NS.3.2.3. An update of the Permittee's significant industrial users (SIUs), including their names and addresses, and a list of deletions, additions, and SIU name changes keyed to the previously submitted list. The Permittee shall provide a brief explanation for each change. The list shall identify the SIUs subject to federal categorical standards by specifying which set(s) of standards are applicable to each SIU. The list shall also indicate which SIUs are subject to local limitations;

B.PT.NS.3.2.4. The Permittee shall characterize the compliance status of each SIU by providing a list or table which includes the following information:

B.PT.NS.3.2.4.1. Name of the SIU;

B.PT.NS.3.2.4.2. Category, if subject to federal categorical standards;

B.PT.NS.3.2.4.3. The type of wastewater treatment or control process in place;

B.PT.NS.3.2.4.4. The number of samples taken by the POTW during the year;

B.PT.NS.3.2.4.5. The number of samples taken by the SIU during the year;

B.PT.NS.3.2.4.6. For an SIU subject to discharge requirements for total toxic organics, written documentation that all required certifications were provided;

B.PT.NS.3.2.4.7. A list of the standards violated during the year. Identify whether the violations were for categorical standards or local limits;

B.PT.NS.3.2.4.8. Whether the facility was in significant noncompliance (SNC) as defined at 40 CFR 403.8(f) (2) (viii) at any time during the year;

B.PT.NS.3.2.4.9. A summary of enforcement or other actions taken during the year to return the SIU to compliance. Describe the type of action, final compliance date, and the amount of fines and penalties collected, if any. Describe any proposed actions for bringing the SIU into compliance;

B.PT.NS.3.2.5. A brief description of any programs the POTW implements to reduce pollutants from non-domestic users that are not classified as SIUs;

B.PT.NS.3.2.6. A brief description of any significant changes in operating the pretreatment program which differ from the previous year including, but not limited to, changes concerning the program's administrative structure, local limits, monitoring program or monitoring frequencies, legal authority, enforcement policy, funding levels, or staffing levels;

B.PT.NS.3.2.7. A summary of the annual pretreatment budget, including the cost of the pretreatment program functions and equipment purchases; and,

B.PT.NS.3.2.8. A summary of activities to involve and inform the public of the program including a copy of the newspaper notice, if any, required under 40 CFR 403.8(f)(2)(viii).

B.PT.NS.3.3. The permittees shall evaluate their Pretreatment program once every permit cycle and provide a written technical evaluation to NDEP of the need to revise local limits under 40 CFR 403.5(c)(1), as changes are required.

B.PT.NS.4. Pretreatment Program Reports - Submittal Address:

B.PT.NS.4.1. A signed copy of all Discharge Monitoring Reports and any other reports shall be submitted to the Division at the following address:

Nevada Division of Environmental Protection
Bureau of Water Pollution Control
901 S. Stewart Street, Suite 3001
Carson City, NV 89701

C.1. MONITORING AND REPORTING:

C.1.1. Schedule: Discharge Monitoring Reports (DMRs) shall be received by the 28th day of the month following the third month of each quarter (reporting period). Quarterly and annual reporting periods are based on the standard annual cycle, January 1 through December 31.

C.1.1.1 If required, all Annual, Biosolids Monitoring Report (BMR), Pretreatment, Total Inorganic Nitrogen (TIN), Salinity Control, and Whole Effluent Toxicity Testing (WET) annual reports are due as defined in the Deliverable Table (DLV).

C.1.1.2 An original signed copy of these, and all other reports required herein, shall be submitted to the State at the following address:

Nevada Division of Environmental Protection
Bureau of Water Pollution Control
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701

C.1.2. Annual Report: The fourth quarter report shall contain plots of concentration (y-axis) versus date (x-axis) for each analyzed constituent identified in the Monitoring Table. The plots shall include data from the preceding five years, if available. Plotting is not required for any constituent that have routinely been below the detection limit or if less than three data points exist. Any data point from the current year that is greater than the limits identified in the applicable tables and conditions above must be explained by a narrative.

Once reporting through the Nevada NetDMR system has been performed for a continuous five year period annual plots are no longer required.

C.1.3. Reporting: Monitoring results obtained in accordance to the requirements of the permit, supporting laboratory data, and supporting documents shall be submitted through the Nevada NetDMR system.
https://netdmr.ndep.nv.gov/netdmr/public/home.htm

C.1.4. Sampling and measurements: Samples and measurements taken when required shall be representative of the volume and nature of the monitored discharge and must comply with any Division approved sampling plan as required by the Schedule of Compliance. Analyses shall be performed by a Nevada certified laboratory. Results from this lab must accompany the DMR. If no discharge occurs during the reporting period, report "no discharge" shall be indicated on the submitted DMR.

C.1.5. Recording the Results: For each measurement or sample taken pursuant to the requirements of this permit, the Permittee shall record the following information:

C.1.5.1. The exact place, date, and time of sampling;

C.1.5.2. The dates the analyses were performed;

C.1.5.3. The person(s) who performed the analyses;

C.1.5.4. The analytical techniques or methods used; and

C.1.5.5. The results of all required analyses.

C.1.6. **Additional Monitoring by Permittee:** If the Permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, and the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated.

C.1.7. **Test Procedures:** Test procedures for the analysis of pollutants shall conform to regulations (40 CFR, Part 136) published pursuant to Section 304(h) of the CWA, under which such procedures may be required unless other procedures are approved by the Division. Other procedures used may be:

C.1.7.1. Selected from SW-846;

C.1.7.2. Selected from 40 CFR 503; or

C.1.7.3. An alternate test procedure approved by the Division, Environmental Laboratory Services.

C.1.7.4. All laboratory analyses conducted in accordance with this discharge permit must have detection at or below the permit limits.

C.1.7.5. All analytical results must be generated by analytical laboratories certified by the Nevada Laboratory Certification Program

C.1.8. **Reporting Limits:** Unless otherwise approved by the Division, the approved method of testing selected for analysis must have reporting limits which are:

C.1.8.1. Half or less of the discharge limit; or, if there is no limit,

C.1.8.2. Half or less of the applicable water quality criteria; or, if there is no limit or criteria,

C.1.8.3. The lowest reasonably attainable using an approved test method.

C.1.8.4. This requirement does not apply if a water quality standard is lowered after the issuance of this permit; however, the Permittee shall review methods used and by letter notify the Division if the reporting limit will exceed the new criterion, and if so the Division may reopen the permit to impose new monitoring requirements.

C.2. Operations and Maintenance (O&M) Manual:

C.2.1. An O&M Manual shall be prepared and submitted to the Division for review and approval in accordance with the Division Operations and Maintenance Manual guidance (WTS-2).

C.2.2. The Permittee shall inspect the site at the frequency prescribed in the O&M Manual.

C.2.3. The Permittee shall maintain an operations logbook (hardcopy or electronic) on-site as referenced in the O&M Manual.

C.2.3.1. The logbook shall include the name of the operator, date, time, and general condition of the facility.

C.3. **Planned changes:** The Permittee shall give notice to the Division as soon as possible of any planned physical alterations or additions to the permitted facility and receive approval prior to commencing construction. Notice is required only when the alteration or addition to a permitted facility:

C.3.1. May meet one of the criteria for determining whether a facility is a new source (40 CFR 122.29 (b));

C.3.2. Could significantly change the nature or increase the quantity of pollutants discharged; or

C.3.3. Results in a significant change to the Permittee's sludge management practice or disposal sites.

C.4. **Anticipated non-compliance:** The Permittee shall give advance notice to the Division of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

C.5. **Change in Discharge:** All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the Permit. Any anticipated facility expansions or treatment modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new application or, if such changes will not violate the effluent limitations specified in this Permit, by notice to the permit issuing authority of such changes. Any changes to the permitted treatment facility must comply with NAC 445A.The Permit may be modified to specify and limit any pollutants not previously limited.

C.6. **Facilities Operation-Proper Operation and Maintenance:** The Permittee shall at all times maintain in good working order and properly operate all treatment and control facilities, collection systems, and pump stations installed or used by the Permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance/quality control procedures.

C.7. **Adverse Impact – Duty to Mitigate:** The Permittee shall take all reasonable steps to minimize the impact of releases to the environment resulting from noncompliance with any permit limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge. The Permittee shall carry out such measures, as reasonable, to prevent significant adverse impacts on human health or the environment. If the monitoring program (as required by this permit) identifies exceedances of ambient water quality standards at the boundary of any approved mixing zone, the Permittee shall notify the Division of the exceedances and describe any mitigation measures being implemented as part of the quarterly monitoring report requirements.

C.8. **Noncompliance, Unauthorized Discharge, Bypass and Upset**

C.8.1. Any diversion, bypass, spill, overflow or discharge of treated or untreated wastewater from a

permitted facility under the control of the Permittee is prohibited except as authorized by this permit. The Division may take enforcement action for a diversion, bypass, spill, overflow, or discharge of treated or untreated wastewater except as authorized by this permit. In the event the Permittee has knowledge that a diversion, bypass, spill, overflow or discharge not authorized by this permit is probable or has occurred, the Permittee shall notify the Division.

C.8.2. **Notification:** The Permittee is responsible for carrying out notification in the event of a diversion, bypass, spill, overflow or discharge not authorized by this permit with the following schedule;

C.8.2.1. **Immediately:** Permittee shall be responsible for the timely notification of potentially impacted downstream users for the protection of human health and the environment.

C.8.2.2. **Spill Hotline:** Notifying the Division through the NDEP Spill Hotline, 1-888-331-6337, as soon as practicable after the dispatch of emergency respondents and mitigating actions and no later than twenty-four (24) hours from the time of discovery.

C.8.2.3. **5-Day Report:** A written report shall be submitted to the Division within five (5) days of the discovery of a diversion, bypass, spill, overflow, upset, or discharge detailing the entire incident including;

C.8.2.3.1. Time and date of discharge;

C.8.2.3.2. Exact location and estimated amount of discharge;

C.8.2.3.3. Flow path and any bodies of water which the discharge contacts;

C.8.2.3.4. The specific cause of the discharge; and

C.8.2.3.5. The preventive and/or corrective actions taken.

C.8.3. The Permittee shall report all instances of noncompliance not reported under Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset) at the time monitoring reports are submitted. The reports shall contain the information listed in Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset).

C.8.4. **Bypass not exceeding limitations:** The Permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of the applicable Section of Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset including Prohibition of Bypass).

C.8.5. **Anticipated bypass:** If the Permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least ten days before the date of bypass.

C.8.6. **Prohibition of Bypass:** Bypass is prohibited, and the Division may take enforcement action against a Permittee for bypass, unless:

C.8.6.1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

C.8.6.2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment down time. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and

C.8.6.3. The Permittee submitted notices as required under Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset).

C.8.7. **Approved Bypass:** The Division may approve an anticipated bypass, after considering its adverse effects, if the Division determines that it will meet the three conditions listed in Section C.8.6.

C.8.8. **Effect of an upset:** An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Section C.8 (Noncompliance, Unauthorized Discharge, Bypassing and Upset: Conditions necessary for a demonstration of an upset) are met.

C.8.9. **Conditions necessary for a demonstration of an upset:** A Permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, that:

C.8.9.1. An upset occurred and that the Permittee can identify the cause(s) of the upset;

C.8.9.2. The permitted facility was at the time being properly operated;

C.8.9.3. The Permittee submitted notice of the upset as required under this Section; and

C.8.9.4. The Permittee complied with any remedial measures required under Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset).

C.8.10. **Enforcement:** In selecting the appropriate enforcement option, the Division shall consider whether or not the noncompliance was the result of an upset. The burden of proof is on the Permittee to establish that an upset occurred.

C.9. **Removed Substances:** Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be properly disposed as described in the SWMP (Stormwater Management Program).

C.10. **Right of Entry and Inspection:** The Permittee shall allow the Administrator and/or his authorized representatives, upon the presentation of credentials, to:

C.10.1. Enter at reasonable times upon the Permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit;

C.10.2. Have access to and copy any records required to be kept under the terms and conditions of this permit at reasonable times;

C.10.3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations required in this permit; and

C.10.4. Perform any necessary sampling or monitoring to determine compliance with this permit at any location for any parameter.

C.11. **Transfer of Ownership or Control:** In the event of any change in control or ownership of facilities from which the authorized discharge emanates, the Permittee shall notify the succeeding owner or controller of the existence of this permit, by letter, a copy of which shall be forwarded to the Division. The Division may require modification or revocation and reissuance of the permit to change the name of the Permittee and incorporate such other requirements as may be necessary. The Division shall approve ALL transfers of permits.

C.12. **Availability of Reports:** Except for data determined to be confidential under NRS 445A.665, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of the Division. As required by the CWA, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in NRS 445A.710.

C.13. **Furnishing False Information and Tampering with Monitoring Devices:** Any person who intentionally or with criminal negligence makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained by the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, or who falsifies, tampers with or knowingly renders inaccurate any monitoring device or method required to be maintained under the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, is guilty of a gross misdemeanor and shall be punished by a fine of not more than $10,000 or by imprisonment. This penalty is in addition to any other penalties, civil or criminal, provided pursuant to NRS 445A.300 to 445A.730, inclusive.

C.14. **Penalty for Violation of Permit Conditions:** NRS 445A.675 provides that any person who violates a permit condition is subject to administrative and judicial sanctions as outlined in NRS 445A.690 through 445A.705, inclusive.

C.15. **Permit Modification, Suspension or Revocation:** After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

C.15.1. Violation of any terms or conditions of this permit;

C.15.2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;

C.15.3. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge;

C.15.4. A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination;

C.15.5. Material and substantial alterations or additions to the permitted facility or activity;

C.15.6. The Division has received new information;

C.15.7. The standards or regulations have changed; or

C.15.8. The Division has received notification that the permit will be transferred.

C.16. **Minor Modifications:** With the consent of the Permittee and without public notice, the Division may make minor modifications in a permit to:

C.16.1. Correct typographical errors;

C.16.2. Clarify permit language;

C.16.3. Require more frequent monitoring or reporting;

C.16.4. Change an interim compliance date in a schedule of compliance, provided the new date is not more than 120 days after the date specified in the permit and does not interfere with attainment of the final compliance date;

C.16.5. Allow for change in ownership;

C.16.6. Change the construction schedule for a new discharger provided that all equipment is installed and operational prior to discharge;

C.16.7. Delete an outfall when the discharge from that outfall is terminated and does not result in discharge of pollutants from other outfalls except in accordance with permit limits; or

C.16.8. Reallocate the IWLA as long as the ΣIWLA does not change.

C.17. **Toxic Pollutants:** Notwithstanding Section C (Permit Modification, Suspension or Revocation), if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the CWA for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the Permittee so notified.

C.18. **Liability:** Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable Federal, State or local laws, regulations, or ordinances. However, except for any toxic effluent standards and prohibitions imposed under Section 307 of the CWA or toxic water quality standards set forth in NAC 445A.144, compliance with this permit constitutes compliance with CWA Sections 301, 302, 306, 307, 318, 403, 405(a) and (b), and with NRS 445A.300 through 445A.730, inclusive.

C.19. **Property Rights:** The issuance of this permit does not convey any property rights, in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

C.20. **Severability:** The provisions of this permit are severable, and if any provision of this permit, or the application of any provisions of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

C.21. **Duty to Comply:** The Permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the CWA and is grounds for enforcement action; permit termination; revocation and reissuance, or modification; or denial of a permit renewal application.

C.22. **Need to Halt or Reduce Activity Not a Defense:** It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with this permit.

C.23. **Duty to Provide Information:** The Permittee shall furnish to the Division, within a reasonable time, any relevant information which the Division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Division, upon request, copies of records required to be kept by this permit.

C.24. **Other information:** Where the Permittee becomes aware of failure to submit any relevant facts in a permit application or the submittal of incorrect information in a permit application or in any report to the Division, the Permittee shall promptly submit such facts or information.

C.25. **Reapplication:** If the Permittee desires to continue to discharge, he shall reapply not later than 180 days before this permit expires on the application forms then in use. The Permittee shall submit the sludge information listed in 40 CFR 501.15(a)(2) with the renewal application. The renewal application shall be accompanied by the fee required by NAC 445A.232.

C.26. **Signatures, Certification Required on Application and Reporting Forms:** All applications, reports, or information submitted to the Division shall be signed and certified by making the following certification. “I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

C.26.1. All applications, reports or other information submitted to the Division shall be signed by one of the following:

C.26.2. A principal executive officer of the corporation (of at least the level of vice president) or his authorized representative who is responsible for the overall operation of the facility from which the discharge described in the application or reporting form originates;

C.26.3. A general partner of the partnership;

C.26.4. The proprietor of the sole proprietorship; or

C.26.5. A principal executive officer, ranking elected official or other authorized employee of the municipal, state or other public facility.

C.27. **Changes to Authorization:** If an authorization under Section C.25 (Signatures, Certification Required on Application and Reporting Forms) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new

authorization satisfying the requirements of Section C.25 (Signatures, Certification Required on Application and Reporting Forms) must be submitted to the Division prior to or together with any reports, information, or applications to be signed by an authorized representative.

C.28. Definitions:

25-year, 24-hour storm event means a precipitation event with a probable recurrence interval of once in twenty-five years, as defined by the National Weather Service in Technical Paper No. 40, “Rainfall Frequency Atlas of the United States,” May, 1961, or equivalent regional or State rainfall probability information developed from this source.

100-year, 24-hour storm event means a precipitation event with a probable recurrence interval of once in one hundred years, as defined by the National Weather Service in Technical Paper No. 40, “Rainfall Frequency Atlas of the United States,” May, 1961, or equivalent regional or State rainfall probability information developed from this source.

Acute Toxicity means the concentration that is lethal to 50 percent of the test organisms within 96 hours.

Agricultural land means land on which a food crop, a feed crop, or a fiber crop is grown. This includes rangeland and land used as pasture.

Agronomic rate means the whole sludge application rate (dry weight basis) designed: To provide the amount of nitrogen needed by the food crop, feed crop, fiber crop, cover crop, or vegetation grown on the land; and to minimize the amount of nitrogen that passes below the root zone of the crop or vegetation grown on the land to the groundwater.

Biosolids are non-hazardous sewage sludge or domestic septage.

Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

Chronic precipitation event means a series of wet weather conditions that precludes reducing the volume of properly designed, constructed, operated, and maintained waste storage and/or treatment facilities and that total a volume in excess of the 25-year, 24-hour storm event.

Composite Sample (for flow-rate measurements) sample means the arithmetic mean of no fewer than six individual measurements taken at equal time intervals for 24 hours, or for the duration of discharge, whichever is shorter.

Discrete sample means any individual sample collected in less than 15 minutes.

Feed crops means crops produced primarily for consumption by animals.

Food crops means crops consumed by humans. These include, but are not limited to, fruits, vegetables, and tobacco.

Land application means the spraying or spreading of sewage sludge onto the land surface; the injection of sewage sludge below the land surface; or the incorporation of sewage sludge into the soil so that the sewage sludge can either condition the soil or fertilize crops or vegetation grown in the soil.

Land application area means land under the control of the Permittee, whether it is owned, rented, or leased, to which manure or process wastewater from the production area is or may

be applied.

Manure means animal excrement and is defined to include bedding, compost, and raw materials or other materials commingled with animal excrement or set aside for disposal.

Process wastewater means water directly or indirectly used in the operation of the facility.

Sewage sludge means solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in a treatment works. Sewage sludge includes, but is not limited to, scum or solids removed in primary, secondary, or advanced wastewater treatment processes; and a material derived from sewage sludge. Sewage sludge does not include ash generated during the firing of sewage sludge in a sewage sludge incinerator or grit and screening generated during preliminary treatment of domestic sewage in a treatment works.

Upset means an exceptional incident in which there is unintentional and temporary noncompliance with permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not excuse noncompliance to the extent caused by operational error, improperly designed include treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

Vegetated buffer means a permanent strip of dense perennial vegetation established parallel to the contours of and perpendicular to, the dominant slope for the purposes of slowing water runoff, enhancing water infiltration, and minimizing the risk of any potential pollutants leaving being released.