

FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: NV ENERGY - CLARK STATION

6226 W. SAHARA AVENUE
LAS VEGAS, NV 89146

Permit Number: NS0040035

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: EXISTING

Location: CLARK STATION, CLARK
5640 STEPHANIE STREET, LAS VEGAS, NV 89122
LATITUDE: 36.089167, LONGITUDE: -115.050556
TOWNSHIP: 21 S, RANGE: 62 E, SECTION: 28

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
001	SUM OF ALL PONDS (A,B,C,D,E,OO & TWP)	External Outfall		36.089167	-115.050556	GROUNDWATER
B04	MONITORING WELL B-4	Monitoring Well		36.089390	-115.050330	GROUNDWATER
B07	MONITORING WELL B-7	Monitoring Well		36.086910	-115.054870	GROUNDWATER
B08	MONITORING WELL B-8	Monitoring Well		36.090270	-115.053830	GROUNDWATER
B11	MONITORING WELL B-11	Monitoring Well		36.089391	-115.052557	GROUNDWATER
B24	MONITORING WELL B-24	Monitoring Well		36.090730	-115.046960	GROUNDWATER
B28	MONITORING WELL B-28	Monitoring Well		36.089690	-115.004696	GROUNDWATER
B2R	MONITORING WELL B-2R	Monitoring Well		36.090380	-115.052620	GROUNDWATER
B3R	MONITORING WELL B-3R	Monitoring Well		36.009074	-115.050410	GROUNDWATER
POA	POND A	External Outfall		36.08918780	-115.051431	GROUNDWATER
POB	POND B	External Outfall		36.089756	-115.053572	GROUNDWATER
POC	POND C	External Outfall		36.088764	-115.051178	GROUNDWATER
POD	POND D	External Outfall		36.088728	-115.052608	GROUNDWATER
POE	POND E	External Outfall		36.088698	-115.054109	GROUNDWATER
POO	POND OO	External Outfall		36.090190	-115.049632	GROUNDWATER
TWP	TREATED WATER POND	External Outfall		36.090073	-115.048454	GROUNDWATER

Permit History/Description of Proposed Action

The Permittee, NV Energy (NVE), has applied for the renewal of groundwater discharge permit NS0040035, for their Clark Generating Station (Clark), located at 5640 Stephanie Street, in Las Vegas, Clark County, Nevada. Clark uses natural gas to fuel combined cycle and simple cycle units. Heat Recovery

Steam Generator (HRSG) is utilized in the combined cycle processes to increase the power generating efficiency at the facility.

The permit was originally issued in April 1, 1994, as NEV40035. The permit was last renewed on July 19, 2011 as NS0040035, and expired in July, 2016; the permit has been administratively continued since.

Facility Overview

Clark currently operates and uses seven on-site storage ponds for evaporation or reuse at the facility: Treated Water Pond (TWP), Ops Overflow Pond (OO Pond), and Ponds A, B, C, D, and E. The TWP and OO Pond are concrete with secondary high-density polyethylene (HDPE) liners, and Ponds A, B, C, D, and E are all lined with HDPE.

Ponds A and B receive blowdown water from the cooling towers at Clark and Sunrise generating stations, as well as from the nitrogen oxides (NOx) injection systems. Water from Ponds A and B is recycled for cooling tower blowdown, or disposed of via evaporation.

Pond C receives treated effluent from the Clark County Advanced Wastewater Treatment Plant (AWT). Water from Pond C is used for cooling tower blowdown.

Ponds D and E receive blowdown water from the cooling towers, as well as Reverse Osmosis (RO) process wastewater. Water from Ponds D and E is disposed of via evaporation.

TWP receives treated water from the RO system. Water from the TWP is used for cooling tower blowdown, in the HRSGs and in the NOx Injection Systems.

The OO Pond receives wastewater from the RO system. Water from the OO Pond is disposed of via evaporation.

A series of monitoring wells in and around the facility provide groundwater quality information on a quarterly basis. During this renewal cycle, NVE has requested to discharge treated effluent and untreated industrial cooling tower water from facility operations, and groundwater from remediation operations to the on-site storage impoundments for evaporation and/or reuse in facility operations.

The Technical, Compliance, and Enforcement Branch of the Bureau of Water Pollution Control requires Operations and Maintenance (O&M) Manuals to be updated every ten (10) years and being due on or before October 28, 2025.

Outfall Summary

Outfall 001 - Sum of all ponds (A, B, C, D, E, OO & TWP).

Outfall B04 - This monitoring well outfall (B-4) is used for monitoring groundwater quality and is centrally located at the facility.

Outfall B07 - This upgradient (from ponds) monitoring well outfall (B-7) is used for monitoring groundwater quality and is located south of the ponds.

Outfall B08 - This downgradient (from ponds) monitoring well outfall (B-8) is used for monitoring groundwater quality and is located to the north, between the facility and Duck Creek.

Outfall B11 - This cross-gradient (from ponds) monitoring well outfall (B-11) is used for monitoring groundwater quality and is located to the northwest, between the facility and Duck Creek.

Outfall B24 - This cross-gradient (from ponds) monitoring well outfall (B-24) is used for monitoring groundwater quality and is located to the northeast, between the facility and Duck Creek.

Outfall B28 - This cross-gradient (from ponds) monitoring well outfall (B-28) is used for monitoring groundwater quality and is located to the east, between the facility and Duck Creek.

Outfall B2R - This downgradient (from ponds) monitoring well outfall (B-2R) is used for monitoring groundwater quality and is located to the north, between the facility and Duck Creek.

Outfall B3R - This downgradient (from ponds) monitoring well outfall (B-2R) is used for monitoring

groundwater quality and is located to the north, between the facility and Duck Creek.

Outfall POA - This external outfall is for measuring and monitoring flow to Pond A.

Outfall POB - This external outfall is for measuring and monitoring flow to Pond B.

Outfall POC - This external outfall is for measuring and monitoring flow to Pond C.

Outfall POD - This external outfall is for measuring and monitoring flow to Pond D.

Outfall POE - This external outfall is for measuring and monitoring flow to Pond E.

Outfall POO - This external outfall is for measuring and monitoring flow to Pond OO.

Outfall TWP - This external outfall is for measuring and monitoring flow to the Treated water pond.

Effluent Characterization

Cooling Tower blowdown water, advanced treated domestic wastewater, extracted groundwater from onsite remediation wells, and reverse osmosis process wastewater.

Pollutants of Concern

Pollutants of concern are any pollutants or parameters that are believed to be present in the discharge and could affect or alter the physical, chemical, or biological condition of the receiving water. The permit requires monitoring for NDEP Profile I contaminants, and total suspended solids.

Receiving Water

Receiving water is groundwater of the State. The water table varies in depth from 10-15 feet below ground surface. A series of wells in and around the facility provide groundwater quality information on a quarterly basis.

Compliance History

The facility was in substantial compliance during the December 2019 through November 2024 reporting period.

Proposed Effluent Limitations

The effluent limitations and measurement requirements for the outfalls and monitoring wells can be found in the tables below:

Groundwater Monitoring Wells Table for Sample Location B04 (Monitoring Well B04) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Quarterly	DISCRT
pH	Value		M&R Standard Units (SU)	Groundwater	B04	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Quarterly	DISCRT
Magnesium, total (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Quarterly	DISCRT
Depth to water level ft below landsurface	Daily Minimum	M&R Feet (ft)		Groundwater	B04	Quarterly	DISCRT
Water level relative to mean sea level	Daily Maximum	M&R Feet (ft)		Groundwater	B04	Quarterly	CALCTD

Notes (Groundwater Monitoring Wells Table):

- 1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B04 (Monitoring Well B04) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
			M&R				

Groundwater Monitoring Wells Table for Sample Location B04 (Monitoring Well B04) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as Tl)	Daily Maximum		Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B04	Annual	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B07 (Monitoring Well B07) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Quarterly	DISCRT
pH	Value		M&R Standard Units (SU)	Groundwater	B07	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Quarterly	DISCRT
Magnesium, total (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Quarterly	DISCRT
Depth to water level ft below landsurface	Daily Minimum	M&R Feet (ft)		Groundwater	B07	Quarterly	DISCRT
Water level relative to mean sea level	Daily Maximum	M&R Feet (ft)		Groundwater	B07	Quarterly	CALCTD

Notes (Groundwater Monitoring Wells Table):

- 1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B07 (Monitoring Well B07) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
			M&R				

Groundwater Monitoring Wells Table for Sample Location B07 (Monitoring Well B07) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as Tl)	Daily Maximum		Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B07	Annual	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B08 (Monitoring Well B08) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Quarterly	DISCRT
Magnesium, total (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Quarterly	DISCRT
pH	Value		M&R Standard Units (SU)	Groundwater	B08	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Quarterly	DISCRT
Depth to water level ft below landsurface	Daily Minimum	M&R Feet (ft)		Groundwater	B08	Quarterly	DISCRT
Water level relative to mean sea level	Daily Maximum	M&R Feet (ft)		Groundwater	B08	Quarterly	CALCTD

Notes (Groundwater Monitoring Wells Table):

- 1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B08 (Monitoring Well B08) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
Thallium, total (as TI)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT
			M&R				

Groundwater Monitoring Wells Table for Sample Location B08 (Monitoring Well B08) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Zinc, total (as Zn)	Daily Maximum		Milligrams per Liter (mg/L)	Groundwater	B08	Annual	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B11 (Monitoring Well B11) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Quarterly	DISCRT
Magnesium, total (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Quarterly	DISCRT
pH	Value		M&R Standard Units (SU)	Groundwater	B11	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Quarterly	DISCRT
Depth to water level ft below landsurface	Daily Minimum	M&R Feet (ft)		Groundwater	B11	Quarterly	DISCRT
Water level relative to mean sea level	Daily Maximum	M&R Feet (ft)		Groundwater	B11	Quarterly	CALCTD

Notes (Groundwater Monitoring Wells Table):

- 1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B11 (Monitoring Well B11) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
			M&R				

Groundwater Monitoring Wells Table for Sample Location B11 (Monitoring Well B11) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as Tl)	Daily Maximum		Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B11	Annual	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B24 (Monitoring Well B24) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Quarterly	DISCRT
Magnesium, total (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Quarterly	DISCRT
pH	Value		M&R Standard Units (SU)	Groundwater	B24	Quarterly	DISCRT
Depth to water level ft below landsurface	Daily Minimum	M&R Feet (ft)		Groundwater	B24	Quarterly	DISCRT
Water level relative to mean sea level	Daily Maximum	M&R Feet (ft)		Groundwater	B24	Quarterly	CALCTD

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B24 (Monitoring Well B24) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
			M&R				

Groundwater Monitoring Wells Table for Sample Location B24 (Monitoring Well B24) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as Tl)	Daily Maximum		Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B24	Annual	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B28 (Monitoring Well B28) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Quarterly	DISCRT
Magnesium, total (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Quarterly	DISCRT
pH	Value		M&R Standard Units (SU)	Groundwater	B28	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Quarterly	DISCRT
Depth to water level ft below landsurface	Daily Minimum	M&R Feet (ft)		Groundwater	B28	Quarterly	DISCRT
Water level relative to mean sea level	Daily Minimum	M&R Feet (ft)		Groundwater	B28	Quarterly	DISCRT

Notes (Groundwater Monitoring Wells Table):

- 1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B28 (Monitoring Well B28) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
			M&R				

Groundwater Monitoring Wells Table for Sample Location B28 (Monitoring Well B28) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as Tl)	Daily Maximum		Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B28	Annual	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B2r (Monitoring Well B2r) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Quarterly	DISCRT
Magnesium, total (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Quarterly	DISCRT
pH	Value		M&R Standard Units (SU)	Groundwater	B2R	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Quarterly	DISCRT
Depth to water level ft below landsurface	Daily Minimum	M&R Feet (ft)		Groundwater	B2R	Quarterly	DISCRT
Water level relative to mean sea level	Daily Maximum	M&R Feet (ft)		Groundwater	B2R	Quarterly	CALCTD

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B2r (Monitoring Well B2r) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Thallium, total (as Tl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
			M&R				

Groundwater Monitoring Wells Table for Sample Location B2r (Monitoring Well B2r) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Silver, total (as Ag)	Daily Maximum		Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B2R	Annual	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B3r (Monitoring Well B3r) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Quarterly	DISCRT
Magnesium, total (as Mg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Quarterly	DISCRT
pH	Value		M&R Standard Units (SU)	Groundwater	B3R	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Quarterly	DISCRT
Depth to water level ft below landsurface	Daily Maximum	M&R Feet (ft)		Groundwater	B3R	Quarterly	DISCRT
Water level relative to mean sea level	Daily Minimum	M&R Feet (ft)		Groundwater	B3R	Quarterly	CALCTD

Notes (Groundwater Monitoring Wells Table):

- 1. Analysis are for the dissolved fraction.

Groundwater Monitoring Wells Table for Sample Location B3r (Monitoring Well B3r) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
			M&R				

Groundwater Monitoring Wells Table for Sample Location B3r (Monitoring Well B3r) To Be Reported Annually^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as Tl)	Daily Maximum		Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	B3R	Annual	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Analysis are for the dissolved fraction.

NS OTHER - Discharge Limitations Table for Sample Location 001 (Sum Of All Ponds) 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	<= 37.5 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Continuous	METER
Flow rate ^[1]	30 Day Average	<= 25.0 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Continuous	METER

Notes (NS OTHER - Discharge Limitations Table):

1. Monitor continuously, as discharge occurs, and report quarterly, total combined daily discharge to all ponds. Report the daily maximum and 30-day average discharge rates.

NS OTHER - Discharge Limitations Table for Sample Location 001 (Sum Of All Ponds) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Sludge weight, wet ^[1]	Year-To-Date Total	M&R Tons (ton)		Sludge	001	Annual	DISCRT

Notes (NS OTHER - Discharge Limitations Table):

1. Monitor the volume of sludge removed from each pond as it is removed for disposal, and report annually the total volume of sludge removed from all ponds.

Ponds / Rapid Infiltration Basins for Sample Location Poa (Pond A) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Quarterly	DISCRT
pH, minimum	Daily Minimum		M&R Standard Units (SU)	Effluent Gross	POA	Quarterly	DISCRT
pH, maximum	Daily Maximum		M&R Standard Units (SU)	Effluent Gross	POA	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Quarterly	DISCRT
Temperature, water deg. centigrade	Daily Maximum		M&R Degrees Centigrade (deg C)	Effluent Gross	POA	Quarterly	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.

Ponds / Rapid Infiltration Basins for Sample Location Poa (Pond A) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Sludge weight, wet	Year-To-Date Total	M&R Tons (ton) ^[3]		Sludge	POA	Annual	DISCRT

Ponds / Rapid Infiltration Basins for Sample Location Poa (Pond A) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as TI)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POA	Annual	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. Analysis are for the dissolved fraction.
2. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
3. Monitor the volume of sludge removed from the pond as it is removed for disposal, and report annually the total volume of sludge removed from the pond.

Ponds / Rapid Infiltration Basins for Sample Location Pob (Pond B) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Quarterly	DISCRT
pH, maximum	Daily Maximum		M&R Standard Units (SU)	Effluent Gross	POB	Quarterly	DISCRT
pH, minimum	Daily Minimum		M&R Standard Units (SU)	Effluent Gross	POB	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Quarterly	DISCRT
Temperature, water deg. centigrade	Daily Maximum		M&R Degrees Centigrade (deg C)	Effluent Gross	POB	Quarterly	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.

Ponds / Rapid Infiltration Basins for Sample Location Pob (Pond B) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Sludge weight, wet	Year-To-Date Total	M&R Tons (ton) ^[3]		Sludge	POB	Annual	DISCRT

Ponds / Rapid Infiltration Basins for Sample Location Pob (Pond B) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as TI)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POB	Annual	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. Analysis are for the dissolved fraction.
2. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
3. Monitor the volume of sludge removed from the pond as it is removed for disposal, and report annually the total volume of sludge removed from the pond.

Ponds / Rapid Infiltration Basins for Sample Location Poc (Pond C) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Quarterly	DISCRT
pH, maximum	Daily Maximum		M&R Standard Units (SU)	Effluent Gross	POC	Quarterly	DISCRT
pH, minimum	Daily Minimum		M&R Standard Units (SU)	Effluent Gross	POC	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Quarterly	DISCRT
Temperature, water deg. centigrade	Daily Maximum		M&R Degrees Centigrade (deg C)	Effluent Gross	POC	Quarterly	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.

Ponds / Rapid Infiltration Basins for Sample Location Poc (Pond C) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Sludge weight, wet	Year-To-Date Total	M&R Tons (ton) ^[3]		Sludge	POC	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT

Ponds / Rapid Infiltration Basins for Sample Location Poc (Pond C) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as TI)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POC	Annual	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. Analysis are for the dissolved fraction.
2. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
3. Monitor the volume of sludge removed from the pond as it is removed for disposal, and report annually the total volume of sludge removed from the pond.

Ponds / Rapid Infiltration Basins for Sample Location Pod (Pond D) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Quarterly	DISCRT
pH, maximum	Daily Maximum		M&R Standard Units (SU)	Effluent Gross	POD	Quarterly	DISCRT
pH, minimum	Daily Minimum		M&R Standard Units (SU)	Effluent Gross	POD	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Quarterly	DISCRT
Temperature, water deg. centigrade	Daily Maximum		M&R Degrees Centigrade (deg C)	Effluent Gross	POD	Quarterly	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.

Ponds / Rapid Infiltration Basins for Sample Location Pod (Pond D) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Sludge weight, wet	Year-To-Date Total	M&R Tons (ton) ^[3]		Sludge	POD	Annual	DISCRT

Ponds / Rapid Infiltration Basins for Sample Location Pod (Pond D) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as TI)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POD	Annual	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. Analysis are for the dissolved fraction.
2. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
3. Monitor the volume of sludge removed from the pond as it is removed for disposal, and report annually the total volume of sludge removed from the pond.

Ponds / Rapid Infiltration Basins for Sample Location Poe (Pond E) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Quarterly	DISCRT
pH, minimum	Daily Minimum		M&R Standard Units (SU)	Effluent Gross	POE	Quarterly	DISCRT
pH, maximum	Daily Maximum		M&R Standard Units (SU)	Effluent Gross	POE	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Quarterly	DISCRT
Temperature, water deg. centigrade	Daily Maximum		M&R Degrees Centigrade (deg C)	Effluent Gross	POE	Quarterly	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.

Ponds / Rapid Infiltration Basins for Sample Location Poe (Pond E) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Sludge weight, wet	Year-To-Date Total	M&R Tons (ton) ^[3]		Sludge	POE	Annual	DISCRT

Ponds / Rapid Infiltration Basins for Sample Location Poe (Pond E) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Thallium, total (as TI)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POE	Annual	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. Analysis are for the dissolved fraction.
2. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
3. Monitor the volume of sludge removed from the pond as it is removed for disposal, and report annually the total volume of sludge removed from the pond.

Ponds / Rapid Infiltration Basins for Sample Location Poo (Pond Oo) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Quarterly	DISCRT
Hardness, total (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Quarterly	DISCRT
pH, maximum	Daily Maximum		M&R Standard Units (SU)	Effluent Gross	POO	Quarterly	DISCRT
pH, minimum	Daily Minimum		M&R Standard Units (SU)	Effluent Gross	POO	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Quarterly	DISCRT
Temperature, water deg. centigrade	Daily Maximum		M&R Degrees Centigrade (deg C)	Effluent Gross	POO	Quarterly	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.

Ponds / Rapid Infiltration Basins for Sample Location Poo (Pond Oo) To Be Reported Annually^[1]
[2]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT

**Ponds / Rapid Infiltration Basins for Sample Location Poo (Pond Oo) To Be Reported Annually^[1]
[2]**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Sludge weight, wet	Year-To-Date Total	M&R Tons (ton) ^[3]		Sludge	POO	Annual	DISCRT
Thallium, total (as TI)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	POO	Annual	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. Analysis are for the dissolved fraction.
2. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
3. Monitor the volume of sludge removed from the pond as it is removed for disposal, and report annually the total volume of sludge removed from the pond.

Ponds / Rapid Infiltration Basins for Sample Location Twp (Treated Water Pond) To Be Reported Quarterly^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Alkalinity, bicarbonate (as CaCO ₃)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Quarterly	DISCRT
pH, minimum	Daily Minimum		M&R Standard Units (SU)	Effluent Gross	TWP	Quarterly	DISCRT
pH, maximum	Daily Maximum		M&R Standard Units (SU)	Effluent Gross	TWP	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Quarterly	DISCRT
Sulfate, total (as SO ₄)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Quarterly	DISCRT
Temperature, water deg. centigrade	Daily Maximum		M&R Degrees Centigrade (deg C)	Effluent Gross	TWP	Quarterly	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.

Ponds / Rapid Infiltration Basins for Sample Location Twp (Treated Water Pond) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Antimony, total (as Sb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Arsenic, total (as As)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Beryllium, total (as Be)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Cadmium, total (as Cd)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Chromium, total (as Cr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Copper, total (as Cu)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Lead, total (as Pb)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Mercury, total (as Hg)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Selenium, total (as Se)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Silver, total (as Ag)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT

Ponds / Rapid Infiltration Basins for Sample Location Twp (Treated Water Pond) To Be Reported Annually^{[1][2]}

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Sludge weight, wet	Year-To-Date Total	M&R Tons (ton) ^[3]		Sludge	TWP	Annual	DISCRT
Thallium, total (as Tl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT
Zinc, total (as Zn)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	TWP	Annual	DISCRT

Notes (Ponds / Rapid Infiltration Basins):

1. Analysis are for the dissolved fraction.
2. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
3. Monitor the volume of sludge removed from the pond as it is removed for disposal, and report annually the total volume of sludge removed from the pond.

Summary of Changes From Previous Permit

Quarterly Monitoring Discharge Limitations Table for Sample Location B04 (MONITORING WELL B4) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location B04 (MONITORING WELL B4) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location B07 (MONITORING WELL B7) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location B07 (MONITORING WELL B7) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location B08 (MONITORING WELL B8) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum and maximum'

Annual Monitoring Discharge Limitations Table for Sample Location B08 (MONITORING WELL B8) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location B11 (MONITORING WELL B11) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location B11 (MONITORING WELL B11) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location B24 (MONITORING WELL B24) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location B24 (MONITORING WELL B24) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum and maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location B28 (MONITORING WELL B28) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location B28 (MONITORING WELL B28) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location B2R (MONITORING WELL B2R) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location B3R (MONITORING WELL B3R) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location B3R (MONITORING WELL B3R) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location POA (POND A) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location POA (POND A) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location POB (POND B) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location POB (POND B) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location POC (POND C) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum and maximum'

Annual Monitoring Discharge Limitations Table for Sample Location POC (POND C) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location POD (POND D) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location POD (POND D) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location POE (POND E) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location POE (POND E) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location POO (POND O) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location POO (POND O) 'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Quarterly Monitoring Discharge Limitations Table for Sample Location TWP (TREATED WATER POND) 'Base' column was changed from 'Quarterly minimum and Maximum' to 'Daily minimum or maximum'

Annual Monitoring Discharge Limitations Table for Sample Location TWP (TREATED WATER POND)

'Base' column was changed from 'Annual minimum and Maximum' to 'Daily minimum or maximum'

Special Approval #2 "The Permittee is authorized to maintain freeboards greater than or equal to 2 feet in Ponds A, B, C, D, E, and Treated Water Pond." has been added to the permit.

Special Approval #1 "Conditions B.MW.3., B.MW.3.1., B.MW.3.2. and B.MW.3.3 do not apply to this permit." has been modified to read "Conditions B.MW.3., B.MW.3.1., B.MW.3.2., B.MW.3.3 and P.PB.4.3 do not apply to this permit.

Technology Based Effluent Limitations

Technology based effluent limitations are not applicable to this permit.

Water Quality Based Effluent Limitations

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

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

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

Basis for Effluent Limitations

There are currently no specific water quality standards that have been formally adopted by the State for groundwater. However, the Division has the discretion to implement effluent limitations outside water quality standards per NAC 445A.243, which states, "In establishing an effluent limitation to carry out the policy of this State set forth in NRS 445A.305, consideration must be given to, but is not limited by, the following: (1) the effect of the discharge on the receiving waters and its beneficial use. (2) the need for standards that specify by chemical, physical, biological or other characteristics the extent to which pollution by various substances will not be tolerated." Per Nevada Revised Statute (NRS) 445A.490, "No permit may be issued which authorizes any discharge or injection of fluids through a well into any waters of the State:... (3) which would result in the degradation of existing or potential underground sources of drinking water. Although there are no discharges from the facility, there is a potential for a discharge to occur in the event of a catastrophic failure of one of the pond's liners. The proposed permit retains the requirement for metals, from the Profile I list, to be sampled for. The constituents listed in Profile I have been vetted by the Division and have been included in groundwater discharge permits for many years as a means of regulating groundwater quality.

Anti-backsliding

The proposed permit limits have not been modified to allow less restrictive limits compared to the previous permit.

Antidegradation

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

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

Special Conditions

Groundwater in the area currently has nitrogen levels in excess of 10 mg/L, but the facility is working with the Bureau of Corrective Actions (BCA) to remediate the groundwater. Therefore, until the groundwater nitrogen levels are below 10 mg/L, B.MW.3.3., which requires the facility to cease discharge, will not apply to the facility. Since the facility is addressing the elevated nitrogen issues, B.MW.3.3. is not applicable to this permit.

SA – Special Approvals / Conditions Table

Item #	Description
1	Conditions B.MW.3., B.MW.3.1., B.MW.3.2., B.MW.3.3 and P.PB.4.3. do not apply to this permit.
2	The Permittee is authorized to maintain freeboards greater than or equal to two (2) feet in Ponds A, B, C, D, E, and Treated Water Pond.

Discharges From Future Outfalls/ Planned Facility Changes

No facility changes are planned at this time.

Corrective Action Sites

There are eight Bureau of Corrective Actions (BCA) remediation sites within a one-mile radius of the facility. Three of the sites (H-000183 (diesel, other, heating oil, TPH, and motor oil), H-000757 (motor oil), H-000528 (TPH)) are remediation activities at the Clark Generating Station. BWPC and BCA are working together to ensure that the Clark Generating Station does not degrade the groundwater in the area. The offsite BCA remediation sites within a one-mile radius of the facility include H-001222 (other), H-000968 (diesel), H-000959 (TPH), H-001158 (motor oil), and H-000959 (TPH). Discharges from this permit are not expected to impact offsite BCA remediation sites.

Wellhead Protection Program

The facility is not within 6,000 feet of a public water supply, or a drinking water protection area (DWPA). The facility is not within an established Wellhead Protection Area (WHPA).

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit for review and approval two copies ((1) one hard copy and (1) one electronic copy) of an updated O&M Manual, prepared in accordance with the Division's WTS2 guidance: Minimum Information Required for an Operations and Maintenance Manual. Before implementing changes to an approved O&M Manual, the Permittee shall submit proposed changes to the Division for review and approval. If there are no changes to the existing O&M Manual, the Permittee shall submit a letter stating so.	12/1/2026

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	1/28/2027
2	Annual Report	Annually	1/28/2027

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to groundwater of the State of Nevada subject to the conditions contained within the permit, is being mailed to interested persons on our mailing list and will be posted on our website at <https://ndep.nv.gov/posts>. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **9/28/2026**, a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

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

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

Proposed Determination:

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

Prepared by: **Aaron Park**

Date: **8/26/2026**

Title: **Staff II, Associate Engineer**