NEVADA DIVISION OF
ENVIRONMENTAL
PROTECTION

A division of the
Nevada Department of Conservation & Natural Resources

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FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: TESLA

1 ELECTRIC AVE
SPARKS, NV 89437

Permit Number: NS2020502

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: EXISTING

Location: TESLA GIGAFACTORY NEVADA, STOREY
1 ELECTRIC AVENUE, SPARKS, NV 89434
LATITUDE: 39.537931, LONGITUDE: -119.439931
TOWNSHIP: 19N, RANGE: 23E, SECTION: 5-8

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
001	TREATED RECOVERY WATER	Internal Outfall		39.5356	-119.4396	N/A
002	BLOWDOWN WATER	External Outfall		39.5387	-119.4375	GROUNDWATER
003	RO REJECT WATER	External Outfall		39.5356	-119.4396	GROUNDWATER
004	EAST CHILLER YARD	External Outfall		39.5387	-119.4375	GROUNDWATER
005	SOUTH CHILLER YARD	External Outfall		39.5340	-119.4399	GROUNDWATER
006	ONSITE DUST SUPPRESSION	External Outfall		39.5327	-119.4318	GROUNDWATER
007	ONSITE IRRIGATION	External Outfall		39.5334	-119.4474	GROUNDWATER
008	SUM OF OUTFALLS 002, 003, 004, 005, 006, AND 007	Sum		39.5356	-119.4396	GROUNDWATER
MIL	TREATED RECOVERY WATER - 385 MILAN	Internal Outfall		39.550059	-119.457368	N/A
SEM	TREATED RECOVERY WATER - 1 SEMI	Internal Outfall		39.545833	-119.443193	N/A

Permit History/Description of Proposed Action

The Permittee, Tesla, Inc., has applied for a new groundwater discharge permit, NS2020502, for their facility located at 1 Electric Avenue in Sparks, Storey County, Nevada. The Permittee proposes to use reclaimed water from the Tahoe Reno Industrial General Improvement District's (TRI-GID's) wastewater treatment facility (Permit # NS2000502) as cooling water in their outdoor evaporative cooling system.

(MAJOR MODIFICATION EFFECTIVE JULY 2026)

Outfalls MIL and SEM have been added to this permit. These outfalls were previously permitted under temporary permits.

Outfall MIL: This outfall is for the use of reclaimed water as cooling water within an outdoor closed-loop cooling system and as process water to support manufacturing activities at 385 Milan Drive. Outfall MIL was previously authorized by temporary permit TNS-55533.

Outfall SEM: This outfall is for the use of reclaimed water as process and cooling water within an outdoor closed-loop cooling system at 1 Semi Drive. Outfall SEM was previously authorized by temporary permit TNS-55567.

Facility Overview

The Permittee currently operates a 5.4 million square foot gigafactory that manufactures Powerwall and Powerpack energy storage products as well as the Model 3 electric motors and battery packs. Onsite manufacturing processes demand specific heating and cooling requirements. To assist with the cooling process, the Permittee is proposing to use reclaimed water from TRI-GID's wastewater treatment facility.

The Permittee proposes to further treat the reclaimed water to meet quality demands required by Tesla processes via an onsite advanced water treatment (AWT) system which will generally consist of ultrafiltration, ultra-violet light, and chemical softening. Other waste streams to be treated through the AWT include powdercoat process wastewater, electrocoat process wastewater, and degreaser wastewater. After treatment through the AWT system, the treated wastewater will be used for cooling water in their evaporative cooling system (see Attachment A for a flow schematic). Residual cooling waters (blowdown) may be discharged from the cooling towers during the winter and from the chiller units, located to the east and south of the facility, the rest of the year. Discharged blowdown water will flow into a nearby earthen lined trench where it will evaporate and percolate. The Permittee also proposes to discharge reverse osmosis (R.O.) reject water to the trench as well.

The Permittee's property includes an underground storm drain system that ultimately terminates at either the north or south onsite detention ponds; both ponds are unlined. The north pond can hold approximately 16.1 acre-feet of water and the south pond can hold approximately 23.1 acre-feet of water. In emergency situations, the discharged blowdown water and R.O. reject water can be directed to the ponds so water does not flow off of the Permittee's property.

Blowdown water and R.O. reject water can be used for onsite irrigation of native and naturalized seeds and seedlings which will be used to stabilize denuded areas of soil. Additionally, the waste streams can be used for onsite dust suppression on unpaved areas via a water truck.

(MAJOR MODIFICATION EFFECTIVE JULY 2026)

Outfalls MIL and SEM have been added to this permit.

Outfall MIL: This outfall is for the use of reclaimed water as cooling water within an outdoor closed-loop cooling system and as process water to support manufacturing activities at 385 Milan Drive. This is a battery manufacturing facility, treated reclaimed water is used in the preparation of anode and cathode slurries, after which the battery cells will be processed into their final structure and assembled into modules.

Outfall SEM: This outfall is for the use of reclaimed water as process and cooling water within an outdoor closed-loop cooling system at 1 Semi Drive. This is a semi-truck manufacturing facility.

Outfall Summary

Outfall 001: This outfall is for the treated reclaimed water from the facility's AWT system.

Outfall 002: This outfall is for the blowdown water.

Outfall 003: This outfall is for the R.O. reject water.

Outfall 004: This outfall is for discharges from the east chiller yard.

Outfall 005: This outfall is for discharges from the south chiller yard.

Outfall 006: This outfall is for discharges of blowdown and R.O. reject water for onsite dust suppression.

Outfall 007: This outfall is for discharges of blowdown and R.O. reject water for onsite irrigation.

Outfall 008: This outfall is for the sum of discharges from Outfalls 002, 003, 004, 005, 006, and 007.

(MAJOR MODIFICATION EFFECTIVE JULY 2026)

Outfalls MIL and SEM have been added to this permit.

Outfall MIL: This outfall is for the use of reclaimed water as cooling water within an outdoor closed-loop cooling system and as process water to support manufacturing activities.

Outfall SEM: This outfall is for the use of reclaimed water as process and cooling water within an outdoor closed-loop cooling system.

Effluent Characterization
The discharge will consist of blowdown water and R.O. reject water.

Pollutants of Concern
Pollutants of concern are any pollutant, or parameters, that are believed to be present in the discharge and could affect or alter the physical, chemical, or biological conditions of the receiving water. Water quality results provided by TRI-GID for the treated effluent from the wastewater treatment plant indicate elevated levels (above Profile II limits) of aluminum, arsenic, and manganese. A common pollutant of concern for reclaimed water is fecal coliform. A common pollutant of concern for R.O. reject water is total dissolved solids. The Permittee has also indicated that three (3) other waste streams will be treated in the AWT system and blended with the treated reclaimed water for use in the cooling towers. Pollutants of concern from these waste streams include oil and grease and metals.

Receiving Water
The receiving water is groundwater of the State.

Compliance History
This is a new permit.

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

WWTP Discharge Limitations Table for Sample Location 001 (Treated Recovery Water) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Coliform, fecal general	Daily Maximum	<= 23 Colony Forming Units (CFU) [1]		Internal Monitoring Point[2]	001	Monthly	DISCRT
Coliform, fecal general	30 Day Geometric Mean	<= 2.2 Colony Forming Units (CFU) [1]		Internal Monitoring Point[2]	001	Monthly	DISCRT

Notes (WWTP Discharge Limitations Table):

1. CFU / 100 mL or MPN / 100 mL.
2. Sample shall be taken at the sample port located on the Treated Recovery Water Tank, prior to use in the cooling towers.

Re-use Discharge Limitations Table for Sample Location 006 (Onsite Dust Suppression) 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	006	Monthly	CALCTD[1]
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	006	Monthly	CALCTD[1]

Notes (Re-use Discharge Limitations Table):

1. The daily maximum and 30-day average flow rates shall be calculated using flows from both the blowdown water and the R.O. reject water.

Re-use Discharge Limitations Table for Sample Location 007 (Onsite 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 Irrigation	007	Monthly	CALCTD[1]
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Irrigation	007	Monthly	CALCTD[1]

Notes (Re-use Discharge Limitations Table):

1. The daily maximum and 30-day average flow rates shall be calculated using flows from both the blowdown water and the R.O. reject water.

Re-use Discharge Limitations Table for Sample Location 008 (Sum Of Outfalls 002, 003, 004, 005, 006, And 007) To Be Reported Monthly

		Discharge Limitations		Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	Daily Maximum	<= 0.30 Million Gallons per Day (Mgal/d)		See Footnote	008	Monthly	CALCTD[1]
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		See Footnote	008	Monthly	CALCTD[2]

Notes (Re-use Discharge Limitations Table):

1. The daily maximum flow rate shall be calculated from the daily maximum flow from Outfalls 002 + 003 + 004 + 005 + 006 + 007 each month.
2. The 30-day average shall be calculated from the 30-day average flow from Outfalls 002 + 003 + 004 + 005 + 006 + 007 each month.

NS OTHER - Discharge Limitations Table for Sample Location 002 (Blowdown Water) 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	002	Daily When Discharging	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	002	Daily When Discharging	METER

Notes (NS OTHER - Discharge Limitations Table):

1. Flow shall be metered from the cooling towers when the chillers have been shut down for the winter.

NS OTHER - Discharge Limitations Table for Sample Location 002 (Blowdown Water) To Be Reported Quarterly[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Alkalinity, bicarbonate (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Alkalinity, total (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Aluminum, total (as Al)[2]	Daily Maximum		<= 0.2 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Antimony, total (as Sb)[2]	Daily Maximum		<= 0.006 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Arsenic, total (as As)[2]	Daily Maximum		<= 0.01 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Barium, total (as Ba)[2]	Daily Maximum		<= 2 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Beryllium, total (as Be)[2]	Daily Maximum		<= 0.004 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Bismuth, total [as Bi][2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Boron, total (as B)[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Cadmium, total (as Cd)[2]	Daily Maximum		<= 0.005 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Calcium, total (as Ca)[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
			<= 400				

NS OTHER - Discharge Limitations Table for Sample Location 002 (Blowdown Water) To Be Reported Quarterly[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Chloride (as Cl)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Chromium, total (as Cr)[2]	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Cobalt, total [as Co] [2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Copper, total (as Cu)[2]	Daily Maximum		<= 1 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Cyanide, weak acid, dissociable	Daily Maximum		<= 0.2 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Fluoride, total (as F)	Daily Maximum		<= 4 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
GALLIUM, TOTAL [AS GA][2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Iron, total (as Fe)[2]	Daily Maximum		<= 0.6 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Lead, total (as Pb)[2]	Daily Maximum		<= 0.015 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Lithium, total (as Li) [2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
			<= 150				

NS OTHER - Discharge Limitations Table for Sample Location 002 (Blowdown Water) To Be Reported Quarterly[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Magnesium, total (as Mg)[2]	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Manganese, total (as Mn)[2]	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Mercury, total (as Hg)[2]	Daily Maximum		<= 0.002 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Molybdenum, total (as Mo)[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Nickel, total (as Ni)[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Nitrite plus nitrate total 1 det. (as N)	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Oil & grease	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
pH, maximum	Daily Maximum		<= 8.5 Standard Units (SU)	Effluent Gross	002	Quarterly	DISCRT
pH, minimum	Daily Minimum		>= 6.5 Standard Units (SU)	Effluent Gross	002	Quarterly	DISCRT
Phosphorus, total (as P)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Potassium, total (as K)[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT

NS OTHER - Discharge Limitations Table for Sample Location 002 (Blowdown Water) To Be Reported Quarterly[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Selenium, total (as Se)[2]	Daily Maximum		<= 0.05 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Silver, total (as Ag) [2]	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Sodium, total (as Na)[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Sulfate, total (as SO4)	Daily Maximum		<= 500 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Thallium, total (as Tl)[2]	Daily Maximum		<= 0.002 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Tin, total recoverable[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Titanium, total (as Ti)[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Scandium, Total (as Sc)[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		<= 1000 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Strontium, total (as Sr)[2]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Uranium, natural, total[2]	Daily Maximum		<= 0.01 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
			M&R				

NS OTHER - Discharge Limitations Table for Sample Location 002 (Blowdown Water) To Be Reported Quarterly[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Vanadium, total (as V)[2]	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT
Zinc, total (as Zn)[2]	Daily Maximum		<= 5 Milligrams per Liter (mg/L)	Effluent Gross	002	Quarterly	DISCRT

Notes (NS OTHER - Discharge Limitations Table):

1. Sample can be obtain from either the east or south chiller yard or from the cooling tower.
2. Analysis is for the dissolved fraction.

NS OTHER - Discharge Limitations Table for Sample Location 003 (Ro Reject Water) 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)		Effluent Gross	003	Daily When Discharging	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	003	Daily When Discharging	METER

NS OTHER - Discharge Limitations Table for Sample Location 003 (Ro Reject Water) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Solids, total dissolved	Daily Maximum		<= 1000 Milligrams per Liter (mg/L)	Effluent Gross	003	Quarterly	DISCRT

NS OTHER - Discharge Limitations Table for Sample Location 004 (East Chiller Yard) 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)		Effluent Gross	004	Continuous	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	004	Continuous	METER

NS OTHER - Discharge Limitations Table for Sample Location 005 (South Chiller Yard) 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)		Effluent Gross	005	Monthly	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	005	Monthly	METER

NS OTHER - Discharge Limitations Table for Sample Location Mil (385 Milan) 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)		Effluent Gross	MIL	Monthly	CALCTD
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	MIL	Monthly	CALCTD

NS OTHER - Discharge Limitations Table for Sample Location Mil (385 Milan) To Be Reported Quarterly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Alkalinity, bicarbonate (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Alkalinity, total (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Aluminum, total (as Al)	Daily Maximum		<= 0.2 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Antimony, total (as Sb)	Daily Maximum		<= 0.006 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Arsenic, total (as As)	Daily Maximum		<= 0.01 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Barium, total (as Ba)	Daily Maximum		<= 2 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Beryllium, total (as Be)	Daily Maximum		<= 0.004 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Bismuth, total [as Bi]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Boron, total (as B)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Cadmium, total (as Cd)	Daily Maximum		<= 0.005 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
			<= 400				

NS OTHER - Discharge Limitations Table for Sample Location Mil (385 Milan) To Be Reported Quarterly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Chloride (as Cl)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Chromium, total (as Cr)	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Cobalt, total [as Co]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Copper, total (as Cu)	Daily Maximum		<= 1 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Cyanide, weak acid, dissociable	Daily Maximum		<= 0.2 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Fluoride, total (as F)	Daily Maximum		<= 4 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
GALLIUM, TOTAL [AS GA]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Iron, total (as Fe)	Daily Maximum		<= 0.6 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Lead, total (as Pb)	Daily Maximum		<= 0.015 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Lithium, total (as Li)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
			<= 150				

NS OTHER - Discharge Limitations Table for Sample Location Mil (385 Milan) To Be Reported Quarterly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Magnesium, total (as Mg)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Manganese, total (as Mn)	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Mercury, total (as Hg)	Daily Maximum		<= 0.002 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Molybdenum, total (as Mo)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Nitrite plus nitrate total 1 det. (as N)	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Oil & grease	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
pH, maximum	Daily Maximum		<= 8.5 Standard Units (SU)	Effluent Gross	MIL	Quarterly	DISCRT
pH, minimum	Daily Minimum		>= 6.5 Standard Units (SU)	Effluent Gross	MIL	Quarterly	DISCRT
Phosphorus, total (as P)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Potassium, total (as K)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT

NS OTHER - Discharge Limitations Table for Sample Location Mil (385 Milan) To Be Reported Quarterly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Selenium, total (as Se)	Daily Maximum		<= 0.05 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Silver, total (as Ag)	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Sulfate, total (as SO4)	Daily Maximum		<= 500 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Thallium, total (as Tl)	Daily Maximum		<= 0.002 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Tin, total recoverable	Daily Maximum		<= 0.002 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Titanium, total (as Ti)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Scandium, Total (as Sc)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		<= 1000 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Strontium, total (as Sr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Uranium, natural, total	Daily Maximum		<= 0.01 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
			M&R				

NS OTHER - Discharge Limitations Table for Sample Location Mil (385 Milan) To Be Reported Quarterly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Vanadium, total (as V)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT
Zinc, total (as Zn)	Daily Maximum		<= 5 Milligrams per Liter (mg/L)	Effluent Gross	MIL	Quarterly	DISCRT

Notes (NS OTHER - Discharge Limitations Table):

1. Analysis is for the dissolved fraction.
2. The Permittee may use the most recent water analysis provided by the reclaimed water provider.

NS OTHER - Discharge Limitations Table for Sample Location Sem (1 Semi) 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)		Effluent Gross	SEM	Monthly	CALCTD
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Effluent Gross	SEM	Monthly	CALCTD

NS OTHER - Discharge Limitations Table for Sample Location Sem (1 Semi) To Be Reported Quarterly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Alkalinity, bicarbonate (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Alkalinity, total (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Aluminum, total (as Al)	Daily Maximum		<= 0.2 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Antimony, total (as Sb)	Daily Maximum		<= 0.006 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Arsenic, total (as As)	Daily Maximum		<= 0.01 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Barium, total (as Ba)	Daily Maximum		<= 2 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Beryllium, total (as Be)	Daily Maximum		<= 0.004 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Bismuth, total [as Bi]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Boron, total (as B)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Cadmium, total (as Cd)	Daily Maximum		<= 0.005 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Calcium, total (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
			<= 400				

NS OTHER - Discharge Limitations Table for Sample Location Sem (1 Semi) To Be Reported Quarterly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Chloride (as Cl)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Chromium, total (as Cr)	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Cobalt, total [as Co]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Copper, total (as Cu)	Daily Maximum		<= 1 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Cyanide, weak acid, dissociable	Daily Maximum		<= 0.2 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Fluoride, total (as F)	Daily Maximum		<= 4 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
GALLIUM, TOTAL [AS GA]	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Iron, total (as Fe)	Daily Maximum		<= 0.6 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Lead, total (as Pb)	Daily Maximum		<= 0.015 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Lithium, total (as Li)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
			<= 150				

NS OTHER - Discharge Limitations Table for Sample Location Sem (1 Semi) To Be Reported Quarterly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Magnesium, total (as Mg)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Manganese, total (as Mn)	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Mercury, total (as Hg)	Daily Maximum		<= 0.002 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Molybdenum, total (as Mo)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Nickel, total (as Ni)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Nitrite plus nitrate total 1 det. (as N)	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Oil & grease	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
pH, maximum	Daily Maximum		<= 8.5 Standard Units (SU)	Effluent Gross	SEM	Quarterly	DISCRT
pH, minimum	Daily Minimum		>= 6.5 Standard Units (SU)	Effluent Gross	SEM	Quarterly	DISCRT
Phosphorous, total organic (as P)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Potassium, total (as K)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT

NS OTHER - Discharge Limitations Table for Sample Location Sem (1 Semi) To Be Reported Quarterly[1][2]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Selenium, total (as Se)	Daily Maximum		<= 0.05 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Silver, total (as Ag)	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Sodium, total (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Sulfate, total (as SO4)	Daily Maximum		<= 500 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Thallium, total (as Tl)	Daily Maximum		<= 0.002 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Tin, total recoverable	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Titanium, total (as Ti)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Scandium, Total (as Sc)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		<= 1000 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Strontium, total (as Sr)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Uranium, natural, total	Daily Maximum		<= 0.01 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
			M&R				

NS OTHER - Discharge Limitations Table for Sample Location Sem (1 Semi) To Be Reported Quarterly[1][2]

	Discharge Limitations			Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Vanadium, total (as V)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT
Zinc, total (as Zn)	Daily Maximum		<= 5 Milligrams per Liter (mg/L)	Effluent Gross	SEM	Quarterly	DISCRT

Notes (NS OTHER - Discharge Limitations Table):

1. Analysis is for the dissolved fraction.
2. The Permittee may use the most recent water analysis provided by the reclaimed water provider.

Summary of Changes From Previous Permit
This is a new permit.

(MAJOR MODIFICATION EFFECTIVE JULY 2026)

Outfalls MIL and SEM have been added to this permit.

Outfall MIL: This outfall is for the use of reclaimed water as cooling water within an outdoor closed-loop cooling system and as process water to support manufacturing activities at 385 Milan Drive.

Outfall SEM: This outfall is for the use of reclaimed water as process and cooling water within an outdoor closed-loop cooling system at 1 Semi Drive.

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
As stated above, the Permittee proposes to use reclaimed water from TRI-GID's wastewater treatment facility as cooling water at their facility. Reclaimed water provided by TRI-GID meets Category B bacteriological quality per Nevada Administrative Code (NAC) 445A.276. Per NAC 445A.2764, Category B reclaimed water may be used for cooling water in an industrial process. The proposed permit establishes the requirement for fecal coliform to be monitored to assess the quality of reclaimed water being used and for the protection of human health and the environment and to ensure Category B bacteriological quality, or higher, is being maintained per NAC 445A.2764. Additionally, the Permittee acknowledges that their proposal to use reclaimed water for their cooling system will not violate NAC 445A.275.2, which states that, "A person shall not use reclaimed water for maintaining a controlled temperature and humidity environment if air that contacts the reclaimed water is delivered to an area that may be occupied."

There are currently no specific water quality standards that have been formally adopted by the State for

groundwater. However, the Division has the discretion to implement effluent limitations outside water quality standards per Nevada Administrative Code (NAC) 445A.243, which states, "In establishing an effluent limitation to carry out the policy of this State set forth in NRS 445A.305, consideration must be given to, but is not limited by the following:... (2) the need for standards that specify by chemical, physical, biological, or other characteristics the extent to which pollution by various substances will not be tolerated." The constituents listed in Profile II have been vetted by the Division and have been included as a means of regulating groundwater quality. Per Nevada Revised Statue (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."

Total dissolved solids is required to be sampled for from the R.O. reject water to ensure that groundwater is not being degraded.

The proposed permit establishes the requirement to sample for oil and grease as one of the waste streams includes degreaser wastewater.

The proposed permit establishes the requirement to sample for total petroleum hydrocarbons due to the potential for equipment leaks.

The Permittee has requested a daily maximum flow rate of 0.30 million gallons per day (MGD). The Permittee provided a Water Balance Calculation, stamped by a Nevada registered Professional Engineer, which was reviewed and approved by the Division, demonstrating the facility has adequate disposal area for the discharged water.

Anti-backsliding
This is a new permit.

Antidegradation
The State's antidegradation policy has a requirement to maintain higher quality (RMHQ) standards of the receiving water body, at a minimum, meet the most restrictive standards established per the designated beneficial use criteria. At this time there are currently no specific water quality standards that have been formally adopted by the State for groundwater. However, available data does not currently indicate any potential for degradation of groundwater from the effluent discharged within the compliance limits of the proposed permit.

Special Conditions
There are no special approvals or conditions associated with this permit.

SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items

Discharges From Future Outfalls/ Planned Facility Changes
The Permittee plans to expand its facility to include two new production buildings. The first will be for a 100-gigawatt-hour battery cell factory and the second will be for Tesla's first high-volume semi-truck factory.

(MAJOR MODIFICATION EFFECTIVE JULY 2026)

Outfalls MIL and SEM have been added to this permit.

Outfall MIL: This outfall is for the use of reclaimed water as cooling water within an outdoor closed-loop cooling system and as process water to support manufacturing activities at 385 Milan Drive.

Outfall SEM: This outfall is for the use of reclaimed water as process and cooling water within an outdoor closed-loop cooling system at 1 Semi Drive.

Corrective Action Sites
There are no active Bureau of Corrective Actions (BCA) sites located within a one-mile radius of the discharge locations.

Wellhead Protection Program
The outfall is located next to a Public Water Supply (PWS) well placing the outfall in the Drinking Water Protection Area, which is defined by a 3,000-foot radius around a PWS well. The outfall is not located in a Wellhead Protection Area (WHPA), which represents an approximate 10-year capture zone of a well. The well is located in an unconfined aquifer at a depth of 835 feet and a sanitary seal of 100 feet. The recent chemical history of the well reports that the well has been having detections of arsenic and a toluene in 2018 and an exceedance of manganese in 2019. Based on the well structure and chemical history, the well is at minimal risk of contamination.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit to the Division, for review and approval, two copies (one electronic and one hard copy) of an Operation and Maintenance (O&M) Manual. The O&M Manual shall be prepared in accordance with WTS-2: *Minimum Information Required for an Operation and Maintenance Manual.* Furthermore, the O&M Manual shall be wet-stamped and prepared under the oversight of a Nevada registered Professional Engineer.	4/1/2024
2	The Permittee shall submit to the Division, for review and approval, two copies (one electronic and one hard copy) of a Reclaimed Water Management Plan (RWMP). The RWMP shall be prepared in accordance with WTS-1B: *General Criteria for Preparing a Reclaimed Water Management Plan.* Furthermore, the RWMP shall be wet-stamped and prepared under the oversight of a Nevada registered Professional Engineer.	4/1/2024
3	All discharge monitoring reports (DMRs) shall be submitted electronically through the Nevada NetDMR system: https://netdmr.ndep.nv.gov/netdmr/public/home.htm.	4/28/2024

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Discharge Monitoring Reports	Quarterly	4/28/2024
2	Annual Report (see section C.1.2. of the permit)	Annually	1/28/2025

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. **6/5/2026,** 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 reason 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.

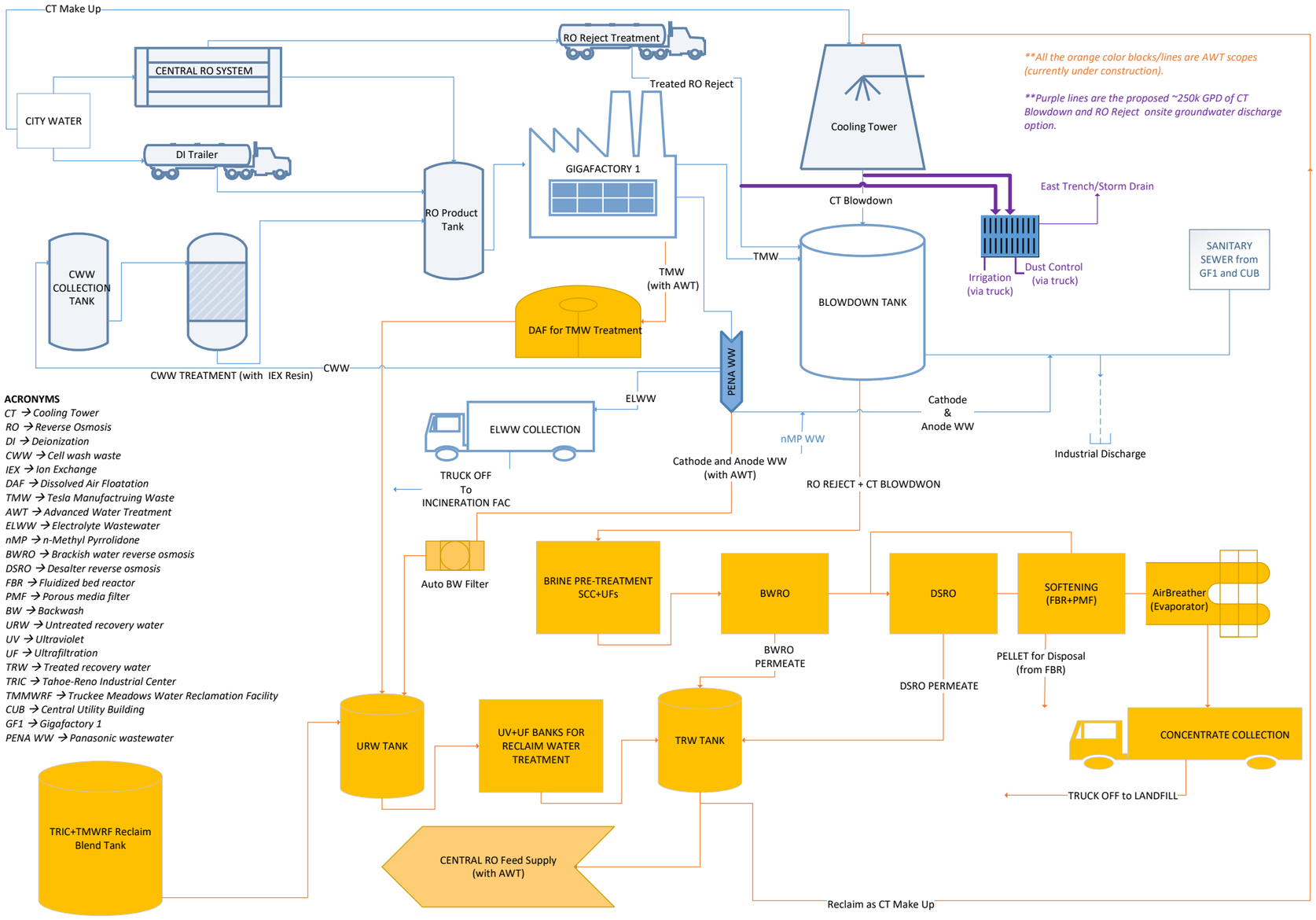
The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination:

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

Prepared by: **Aaron Park**
Date: **5/5/2026**
Title: **Staff II, Associate Engineer**

Attachment A



ACRONYMS

CT → Cooling Tower
RO → Reverse Osmosis
DI → Deionization
CWW → Cell wash waste
IEX → Ion Exchange
DAF → Dissolved Air Floatation
TMW → Tesla Manufactruing Waste
AWT → Advanced Water Treatment
ELWW → Electrolyte Wastewater
nMP → n-Methyl Pyrrolidone
BWRO → Brackish water reverse osmosis
DSRO → Desalter reverse osmosis
FBR → Fluidized bed reactor
PMF → Porous media filter
BW → Backwash
URW → Untreated recovery water
UV → Ultraviolet
UF → Ultrafiltration
TRW → Treated recovery water
TRIC → Tahoe-Reno Industrial Center
TMMWRF → Truckee Meadows Water Reclamation Facility
CUB → Central Utility Building
GF1 → Gigafactory 1
PENA WW → Panasonic wastewater