



FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: SWAN PRODUCTS
909 E. GLENDALE AVE.
SPARKS, NV - 89431

Permit Number: NV0021091

Location: SWAN PRODUCTS LLC, WASHOE
909 EAST GLENDALE AVENUE, SPARKS, NV - 89431
LATITUDE: 39.528333, LONGITUDE: -119.723056
TOWNSHIP: 19 N, RANGE: 20 E, SECTION: 10

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	COOLING WATER DISCHARGE	External Outfall		SPARKS	NV	89431	WASHOE	39.528333	-119.723056	TRUCKEE RIVER VIA CITY OF SPARKS STORM DRAIN AND PEOPLE'S DITCH

General:

Swan Products, formerly Colorite Waterworks and Colorite Plastics (Colorite), has applied for renewal of NPDES Permit NV0021091, to discharge process cooling water to the Truckee River via the City of Sparks storm drain system and People's Ditch. Swan Products manufactures garden hose using polyvinylchloride (PVC) resins, which require a cooling process to cure. Cooling water is supplied to the process from three (3) water supply wells located near the production plant. The permit was first issued to Colorite in 1995. Previous permits for this site were issued to Gering Products, a division of Dart Industries, Inc., with the original permit issued in 1977.

Previous research and evaluation of this facility has determined that its discharge falls under the categorical standards listed in 40 CFR Part 463, Plastic Molding and Forming Point Source Category. Under this regulation, Subpart A, the Contact Cooling and Heating Water Subcategory, applies. For this reason, constituents limited in Subpart A shall be monitored and limited in the renewed permit.

Discharge Characteristics:

Regional groundwater characteristics contribute low concentrations of trichloroethylene (TCE), tetrachloroethylene (PCE), 1,1,2,2-Tetrachloro-1,2-difluoroethane (Freon 112), methyl tert butyl ether (MTBE), and cis-1,2 Dichloroethane (1, 2-DCA), which were detected in the plant's influent wells during regional groundwater studies performed by Simon Hydro-Search, Inc. (November 1991) and Environmental Management Associates (EMA, August 1992). These constituents are not used in the manufacturing process, and are present solely due to their occurrence in the groundwater. Additionally, analytical data provided with the permit renewal application and historical data on file confirm that Total Nitrogen, Total Phosphorus and Total Dissolved Solids (TDS) present in the plant discharge, are attributable exclusively to the groundwater source. The Division has determined that these constituents are not present in amounts likely to cause degradation of the Truckee River. Therefore, the proposed permit renewal will continue to not require the quarterly reporting for these constituents.

The Permittee has exceeded the permit limits on three occasions during the previous 5-year permit cycle. The First incident involving Total Suspended Solids (TSS) occurred in September 2011 when the

reported concentration of at 26 mg/L exceeded the limit of 19 mg/L. The exceedence was attributed to a problem with the lift pump. The second incident involving TSS occurred in May 2012 when the reported concentration of 45 mg/L exceeded the limit of 19 mg/L. The cause for this exceedence was not identified. The limit of 6.0µg/L for bis(2-ethylhexyl) phthalate was exceeded in December 2014 when the reported concentration was 23 µg/L. The reason for this exceedence was unknown and thought to be a one-time occurrence with no further exceedences reported. No other monitored parameters limits have been exceeded during the current permit cycle, and the Permittee is considered to be in substantial compliance with the permit conditions.

Receiving Water:

The cooling water is discharged to the City of Sparks storm drain system, then to People's Ditch, where it flows approximately one mile to the North Truckee Drain. From the confluence of the People's Ditch and the North Truckee Drain it is approximately a mile and a half to the Truckee River. Nevada Administrative Code (NAC) 445A.1688 water quality standards for the Truckee River at Lockwood Bridge apply to this reach of the river. Discharge is also subject to limitation in accordance with NAC 445A.1236 "Standards for toxic materials applicable to designated waters."

Summary of Changes From Previous Permit:

There are no proposed changes to the current permitted requirements.

Proposed Effluent Limitations:

The cooling water discharged from the facility sump to the City of Sparks storm drain system, People's Ditch, and ultimately the Truckee River shall be limited, sampled and monitored by the Permittee as specified below:

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Monthly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
pH, maximum	Daily Maximum		<= 9.0 Standard Units (SU)	Effluent Gross	001	Monthly	DISCRT
pH, minimum	Daily Minimum		>= 6.5 Standard Units (SU)	Effluent Gross	001	Monthly	DISCRT
Flow rate	Daily Maximum	<= .335 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Continuous ^[1]	METER
Flow rate	30 Day Average	<= .25 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Continuous ^[1]	METER

Notes (Discharge Limitations Table):

1. Flow measurements shall be estimated and inferred from influent pump hour meter. Hour meter readings shall be recorded weekly.

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Quarterly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
BOD, 5-day, 20 deg. C	Daily Maximum	<= 0.13 Pounds per Day (lb/d)		See Footnote ^[1]	001	Quarterly	CALCTD
Bis(2-ethylhexyl) phthalate	Daily Maximum		<= 6.0 Micrograms per Liter (ug/L)	Effluent Gross	001	Quarterly	DISCRT
Solids, total suspended	Daily Maximum	<= 0.10 Pounds per Day (lb/d)		See Footnote ^[1]	001	Quarterly	CALCTD
Oil & grease	Daily Maximum	<= 0.14 Pounds per Day (lb/d)		See Footnote ^[1]	001	Quarterly	CALCTD
Solids, total suspended	Daily Maximum		<= 19 Milligrams per Liter (mg/L)	Effluent Gross	001	Quarterly	DISCRT
Oil & grease	Daily Maximum		<= 29 Milligrams per Liter (mg/L)	Effluent Gross	001	Quarterly	DISCRT
BOD, 5-day, 20 deg. C	Daily Maximum		<= 26 Milligrams per Liter (mg/L)	Effluent Gross	001	Quarterly	DISCRT

Notes (Discharge Limitations Table):

- To Calculate lbs/day Pollutant Discharge.

Lbs/day values are calculated by taking volume of process cooling water used (L/day) the day the sample was taken and multiplying that by the sampled pollutant concentration result (mg/L). See Below:

Sample day process water usage (L/day) * Sample day result for BOD-5 (mg/L) = BOD-5 (mg/day) ... then convert for BOD-5 (lbs/day) (note: 1 mg = 0.000022 lbs)

For Example: 6144 L/day * 26 mg/L = 159,744 mg/day - converted - 0.35 lbs/day

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Phenanthrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
1,1,1-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
1,1,2,2-Tetrachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
1,1,2-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
1,1-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
1,1-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
1,2-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
1,2-Dichloropropane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
trans-1,2-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
1,3-Dichloropropene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
			M&R				

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
2-Chloroethyl vinyl ether, (mixed)	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Acrolein	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Acrylonitrile	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Benzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Bromoform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Carbon tetrachloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Chlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Chloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Chloroform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Dibromochloromethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Dichlorobromomethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Ethylbenzene	Daily Maximum		M&R Micrograms per Liter	Effluent Gross	001	Annual	DISCRT

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
			(ug/L)				
Methyl bromide (Bromomethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Methyl chloride (Chloromethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Methylene chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Tetrachloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Toluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Trichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
Vinyl chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	DISCRT
4,4-DDD	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
4,4-DDE	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
4,4-DDT	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Aldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
.alpha.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
.alpha.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
.beta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
.beta.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Chlordane (tech mix. and metabolites)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
.delta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Dieldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Endosulfan sulfate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Endrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Endrin aldehyde	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
.gamma.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
			M&R				

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Heptachlor	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Heptachlor epoxide	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
PCB-1016	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
PCB-1221	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
PCB-1232	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
PCB-1242	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
PCB-1248	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
PCB-1254	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
PCB-1260	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Toxaphene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
2,4,6-Trichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
2,4-Dichlorophenol	Daily Maximum		M&R Micrograms per Liter	Effluent Gross	001	Annual	COMPOS

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
			(ug/L)				
2,4-Dimethylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
2,4-Dinitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
2-Chlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
2-Methyl-4,6-dinitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
2-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
4-Chloro-3-methylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
4-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Pentachlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Phenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Antimony, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Arsenic, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Beryllium, total recoverable (as Be)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Cadmium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Chromium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Copper, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Lead, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Mercury, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Nickel, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Selenium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Silver total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Thallium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Zinc, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
2,3,7,8-Tetrachlorodibenzo-p-dioxin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Asbestos	Daily Maximum		M&R Fibers per Milliliter (Fib/mL)	Effluent Gross	001	Annual	COMPOS
Cyanide, total (as CN)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Benzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Benzo(a)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Benzo(a)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Benzo(b)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Benzo(ghi)perylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Benzo(k)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Bis(2-chloroethoxy)methane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Bis(2-chloroethyl) ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Bis(2-chloroisopropyl) ether	Daily Maximum		M&R Micrograms per Liter	Effluent Gross	001	Annual	COMPOS

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
			(ug/L)				
Bis(2-ethylhexyl) phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Butyl benzyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Chrysene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Dibenzo(a,h)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Diethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Dimethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Di-n-butyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Di-n-octyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Fluorene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Hexachlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS

**Discharge Limitations Table for Sample Location 001 (Post Sump/Prior To Storm Drain System)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Hexachlorobutadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Hexachlorocyclopentadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Hexachloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Indeno(1,2,3-cd)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Isophorone	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Naphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
Nitrobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
N-Nitrosodimethylamine (NDMA)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
N-Nitrosodi-N-propylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS
N-Nitrosodiphenylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	001	Annual	COMPOS

Waste Load Allocation:

Rationale for Permit Requirements:

Monitoring is required to assess the quality of the discharge water, ensure that unauthorized discharges have not occurred, and to prevent the degradation of the Truckee River.

BOD 5-Day, Oil and Grease, and bis(2-ethylhexyl) Phthalate: _____ These limits are set according to the categorical standards listed in 40 CFR Part 463, Plastics Molding and Forming Point Source Category, Subpart A, Contact Cooling and Heating Water Subcategory. These limits are concentration based, and are not based on plant production.

BOD 5-Day, Oil and Grease, and TSS: CFR Part 463 Subpart A § 463.12 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the effluent limitation guidelines (i.e., mass of pollutant discharged) representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available, *which are calculated by multiplying the sample day process water usage flow rate for the contact cooling water process at a point source times the pollutant concentrations sampled on the same day.*

Trichloroethylene: Trichloroethylene is limited according to NAC 445A.1236, "Standards for toxic materials applicable to designated waters."

pH: The Truckee River has an RMHQ for pH of 7.1 to 8.5, historical and current limits are set at the Beneficial Use of 6.5 to 9.0. NDEP Water Quality Planning March 2010 Antidegradation Documents states the following for Renewal Permit Types for Tier 1 and Tier 2; "Permit renewals with the same or lower discharge limit/load as the previous permit are not considered to lower water quality and are subject only to Tier 1 review" and "'Tier 1 – Maintain and protect existing and designated waterbody uses and the level of water quality needed to protect such uses. Under Tier 1 protection, no discharges are allowed which would cause and exceedance of the beneficial use criteria."

Special Conditions:

SA – Special Approvals / Conditions Table

Item #	Description
1	Part A.3.2.4.3 Clarification - An alternate test procedure must be approved by NDEP and the federal Environmental Protection Agency (EPA).

Flow:

0.25 MGD (30-Day Average), 0.335 MGD (Daily Maximum)

Discharges From Future Outfalls:

Corrective Action Sites:

There are five Bureau of Corrective Actions (BCA) sites located within a 1-mile radius of the facility. The BCA case officers for these sites do not expect the discharge associated with this permit to have adverse effects on their ongoing remediation sites.

Wellhead Protection Program:

This facility is not within a Drinking Water Protection Area (DWPA) or any established Wellhead Protection Area.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	Within 60 days of permit issuance, the Permittee shall submit a revised Operations and Maintenance (O&M) manual. The O&M manual shall be prepared in accordance with the Division's WTS-2 Guidance: Minimum Information Required for an Operations and Maintenance Manual. If no revisions to the original O&M manual have been made, the Permittee shall submit a letter by the specified due date indicating such.	5/31/2016

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	7/28/2016
2	Annual Report	Annually	1/28/2017

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to surface waters of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Reno Gazette Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **2/10/2016**, 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 to 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: **Michele Reid**

Date: **12/28/2015**

Title: **Staff II Associate Engineer**