



FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: JP SETHI ENTERPRISES INC
4055 PALOS VERDES
LAS VEGAS, NV - 89119

Permit Number: NV0023744

Location: FOUR POINTS SHERATON, CLARK
4055 PALOS VERDES, LAS VEGAS, NV - 89119
LATITUDE: 36.115111, LONGITUDE: -115.151270
TOWNSHIP: 21S, RANGE: 61E, SECTION: 15

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	FOUR POINTS SHERATON BASEMENT COLLECTION SUMPS (COMBINED)	Internal Outfall		LAS VEGAS	NV	89119	CLARK	36.115545	-115.150932	FLAMINGO WASH VIA CLARK COUNTY STORM DRAIN SYSTEM
002	STORM DRAIN DROP INLET (NEAR NORTHEAST CORNER OF HOTEL)	External Outfall		LAS VEGAS	NV	89119	CLARK	36.115788	-115.150750	FLAMINGO WASH VIA CLARK COUNTY STORM DRAIN SYSTEM

General:

The Permittee, JP Sethi Enterprises Inc., operates the Four Points Sheraton, a 129-room hotel located at 4055 Palos Verdes Street in Las Vegas, Clark County, Nevada. The Permittee has applied for the renewal of National Pollutant Discharge Elimination System (NPDES) permit NV0023744 to continue the discharge of intercepted shallow groundwater from two sumps in the basement parking areas of the hotel to the Flamingo Wash (a tributary of the Las Vegas Wash) via the Clark County storm drain system.

The hotel requires the dewatering system to prevent the basement parking areas from flooding. The discharge point for the dewatering system is located at the northeast corner of the hotel property near the intersection of East Flamingo Road and Palos Verdes Street. The groundwater is piped via gravity flow from the hotel property to the Clark County storm drain system. Water quality analyses indicate that the pumped groundwater meets State standards set in Nevada Administrative Code (NAC) 445A.2156 for the Las Vegas Wash from the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants to Telephone Line Road. Therefore, no filtering or treatment of the intercepted groundwater is required. The permit requires testing of the discharge water to provide assurance that water quality standards for the Las Vegas Wash are being met.

Discharge Characteristics:

The discharge consists of untreated, intercepted shallow groundwater. Recent discharge monitoring reports show no exceedances of the permit limits.

Receiving Water:

The receiving water is the Flamingo Wash (a tributary of the Las Vegas Wash) via the Clark County storm drain system. NAC 445A.2156 sets the standards of water quality for the body of water known as Las

Vegas Wash from the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants to Telephone Line Road.

Summary of Changes From Previous Permit:

The name of the hotel has been changed from "Baymont Inn and Suites" to "Four Points Sheraton."

The requirement to monitor and report total ammonia as nitrogen has been added to the permit.

The requirement to sample and analyze the discharge for priority pollutants has been added to the permit.

Proposed Effluent Limitations:

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

Discharge Limitations Table for Sample Location 001 (Collection Sumps) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Internal Monitoring Point	001	Continuous	METER
Flow rate	Daily Maximum	<= 0.02 Million Gallons per Day (Mgal/d)		Internal Monitoring Point	001	Continuous	METER

Discharge Limitations Table for Sample Location 001 (Collection Sumps) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Hydrocarbons, total petroleum ^[1]	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	Internal Monitoring Point	001	Annual	DISCRT

Notes (Discharge Limitations Table):

1. Purgeable and extractable. Report full range, C6-C40, analyses with EPA Methods 8015B and 8260B or equivalent methods.

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Solids, total dissolved	Quarterly Average	M&R Pounds per Day (lb/d)		Effluent Gross	002	Quarterly	DISCRT

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
pH, maximum	Daily Maximum		<= 9 Standard Units (SU)	Effluent Gross	002	Annual	DISCRT
pH, minimum	Daily Minimum		>= 6.5 Standard Units (SU)	Effluent Gross	002	Annual	DISCRT
Phosphorus, total (as P)	Daily Maximum	<= 1.0 Pounds per Day (lb/d)		Effluent Gross	002	Annual	DISCRT
Nitrogen, inorganic total	Daily Maximum		<= 20 Milligrams per Liter (mg/L)	Effluent Gross	002	Annual	DISCRT
Xylene	Daily Maximum		<= 200 Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Ethylbenzene	Daily Maximum		<= 100 Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Toluene	Daily Maximum		<= 100 Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Benzene	Daily Maximum		<= 5.0 Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Methyl tert-butyl ether	Daily Maximum		<= 20 Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Hydrocarbons, total petroleum ^[1]	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	Effluent Gross	002	Annual	DISCRT
Antimony, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Arsenic, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Barium, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Beryllium, total recoverable (as Be) ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Boron, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Cadmium, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Chromium, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Copper, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Fluoride, total (as F) ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Iron, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Lead, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Manganese, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Nickel, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Selenium, total recoverable ^[2]	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Thallium, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Zinc, total recoverable ^[2]	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Nitrogen, ammonia total (as N)	Daily Maximum	M&R Pounds per Day (lb/d)		Effluent Gross	002	Annual	DISCRT

Notes (Discharge Limitations Table):

1. Purgeable and extractable. Report full range, C6-C40, analyses with EPA Methods 8015B and 8260B or equivalent methods.
2. The Permittee shall submit the results of an annual total recoverable metals analysis with the fourth quarter report.

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Nickel, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Selenium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Silver total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Thallium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Zinc, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
2,3,7,8-Tetrachlorodibenzo-p-dioxin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Asbestos	Daily Maximum		M&R Fibers per Milliliter (Fib/mL)	Effluent Gross	002	Annual	COMPOS
Cyanide, total (as CN)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
1,2,4-Trichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
1,2-Dichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
1,2-Diphenylhydrazine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
1,3-Dichlorobenzene	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
1,4-Dichlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
2,4-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
2,6-Dinitrotoluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
2-Chloronaphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
3,3-Dichlorobenzidine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
4-Bromophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
4-Chlorophenyl phenyl ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Acenaphthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Acenaphthylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Benzidine	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Benzo(a)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Benzo(a)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Benzo(b)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Benzo(ghi)perylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Benzo(k)fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Bis(2-chloroethoxy)methane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Bis(2-chloroethyl) ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Bis(2-chloroisopropyl) ether	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Bis(2-ethylhexyl) phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Butyl benzyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Chrysene	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Dibenzo(a,h)anthracene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Diethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Dimethyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Di-n-butyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Di-n-octyl phthalate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Fluoranthene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Fluorene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Hexachlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Hexachlorobutadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Hexachlorocyclopentadiene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Hexachloroethane	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Indeno(1,2,3-cd)pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Isophorone	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Naphthalene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Nitrobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
N-Nitrosodimethylamine (NDMA)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
N-Nitrosodi-N-propylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
N-Nitrosodiphenylamine	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Phenanthrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Pyrene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
1,1,1-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
1,1,2,2-Tetrachloroethane	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
1,1,2-Trichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
1,1-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
1,1-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
1,2-Dichloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
1,2-Dichloropropane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
trans-1,2-Dichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
1,3-Dichloropropene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
2-Chloroethyl vinyl ether, (mixed)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Acrolein	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Acrylonitrile	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Benzene	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Bromoform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Carbon tetrachloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Chlorobenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Chloroethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Chloroform	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Dibromochloromethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Dichlorobromomethane	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Ethylbenzene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Methyl bromide (Bromomethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Methyl chloride (Chloromethane)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Methylene chloride	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Tetrachloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Toluene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Trichloroethylene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
Vinyl chloride	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	DISCRT
4,4-DDD	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
4,4-DDE	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
4,4-DDT	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Aldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
.alpha.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
.alpha.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
.beta.-BHC	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
.beta.-Endosulfan	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Chlordane (tech mix. and metabolites)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
.delta.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Dieldrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Endosulfan sulfate	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Endrin	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Endrin aldehyde	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
.gamma.-BHC	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Heptachlor	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Heptachlor epoxide	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
PCB-1016	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
PCB-1221	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
PCB-1232	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
PCB-1242	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
PCB-1248	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
PCB-1254	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
PCB-1260	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Toxaphene	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
2,4,6-Trichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
2,4-Dichlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
2,4-Dimethylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
2,4-Dinitrophenol	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
2-Chlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
2-Methyl-4,6-dinitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
2-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
4-Chloro-3-methylphenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
4-Nitrophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Pentachlorophenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Phenol	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Antimony, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Arsenic, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Beryllium, total recoverable (as Be)	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
			M&R				

Discharge Limitations Table for Sample Location 002 (Drop Inlet) To Be Reported Once During The Permit Term^[1]

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Cadmium, total recoverable	Daily Maximum		Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Chromium, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Copper, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Lead, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS
Mercury, total recoverable	Daily Maximum		M&R Micrograms per Liter (ug/L)	Effluent Gross	002	Annual	COMPOS

Notes (Discharge Limitations Table):

1. The discharge shall be sampled and analyzed for priority pollutants during the fourth quarter of 2016. The results of the priority pollutant analysis shall be submitted with the fourth quarter report on 01/28/17.

Rationale for Permit Requirements:

Flow Rate: The flow rate is limited to the maximum possible system capacity and is set to ensure that the receiving water is not degraded as a result of the discharge.

Total Petroleum Hydrocarbons (TPH): Annual monitoring and reporting of TPH is required to verify that the concentration of TPH in the effluent is below the Division's technology-based remediation standard of 1.0 mg/L.

Total Inorganic Nitrogen: Total inorganic nitrogen is limited in accordance with the requirements to maintain existing higher quality listed in NAC 445A.2156.

Total Ammonia as Nitrogen and Total Phosphorus (TP) : The 1989 TMDL for the receiving water included the following discussion of point source contributions to the Las Vegas Wash: "Point source discharges into the Las Vegas Wash include City of Las Vegas, Clark County Sanitation District, TIMET, Kerr-McGee and Stauffer... Kerr-McGee discharges non-contact cooling water and stormwater and Stauffer discharges stormwater. The discharges from both these facilities are intermittent, and have been relatively uncommon in the past... TIMET discharges approximately 4 MGD and both the total ammonia and total phosphorus concentration found in these discharges are approximately 0.01 mg/L or less. Therefore, only the discharge from the City of Las Vegas and Clark County treatment plants were used to estimate the total monthly

average point source load discharged to Las Vegas Wash.”

In consideration of the permit application, NDEP has determined that the permitted discharge limits are consistent with the assumptions for the relevant Waste Load Allocations (WLAs) and does not warrant more restrictive limit to implement the applicable WLAs. The load for TP has been reported at 0.10 pounds per day. In conjunction with the proposed flow of 0.02 million gallons per day, NDEP has determined the load to be an insignificant or negligible contributor of TP, consistent with the assumptions and requirements of the WLAs in the TMDL. However, the 1.0 pound per day limit for this parameter has been retained from the current permit and TP will be monitored quarterly to allow NDEP the opportunity to review and ensure concentrations remain consistent with background levels and degradation of waters does not occur.

pH: pH is limited in accordance with the water quality standards for beneficial uses listed in NAC 445A.2156.

Total Dissolved Solids (TDS): Naturally occurring elevated TDS levels in the groundwater at the site would flow to the Las Vegas Wash if the groundwater was not intercepted by the dewatering system. Therefore, the TDS standard in NAC 445A.2156 is not applied to the permitted discharge.

Total Recoverable Metals: Boron and Selenium are listed in the Bureau of Water Quality Planning 303(d) list as pollutants of concern for the Flamingo Wash. Annual monitoring and reporting of total recoverable metals, including Boron and Selenium, is required to prevent degradation of the receiving water. Volatile Organic Compounds: Concentrations of Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) and Methyl tert-butyl ether have been limited to the Division's technology-based remediation standards which are 5 µg/L, 100 µg/L, 100 µg/L, 200 µg/L, and 20 µg/L, respectively.

Special Conditions:

Substantial compliance with the current permit is a condition of permit renewal.

SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items

Flow:

Daily Maximum Flow Rate \leq 0.02 million gallons per day

Corrective Action Sites:

The following six Bureau of Corrective Actions (BCA) remediation sites are located within a one-mile radius of the hotel:

8-000019
8-000020
8-000569
8-000656
8-001345
H-000086

The BCA has indicated that it does not anticipate permitted discharge activities to affect remediation activities at these sites.

Wellhead Protection Program:

The hotel is not located within a Drinking Water Protection Area or a Wellhead Protection Area.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit two copies of an updated Operations & Maintenance (O&M) Manual to the Division. The O&M Manual shall be prepared by a qualified person in accordance with the relevant sections of guidance document <i>WTS-2: Minimum Information Required for an Operation and Maintenance Manual for a Wastewater Treatment Plant</i> . If the Permittee determines that no updates to the O&M Manual are necessary, the Permittee shall submit, in lieu of an updated O&M Manual, a letter to the Division stating that no changes to the existing O&M Manual have been made.	10/1/2016

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Discharge Monitoring Reports	Quarterly	10/28/2016
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 **Las Vegas Review 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. **5/15/2016**, 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: **Alan Pineda**

Date: **4/4/2016**

Title: **Staff I Associate Engineer**