

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

AUTHORIZATION TO DISCHARGE

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

Douglas County Community Development
Post Office Box 218
Minden, Douglas County, Nevada 89423

is authorized to discharge from the

North Valley Wastewater Treatment Facility
Heybourne Road, north of Stephanie Lane
Minden, Douglas County, Nevada 89423
Township 14 North, Range 20 East, Section 20; M.D.B. & M.

Latitude: 39° 03' 21.04" North
Longitude: 119° 45' 39.28" West
NVWWTF Front Entrance of Plant Office

Outfall 001
Latitude: 39° 03' 21" North
Longitude: 119° 45' 05" West
On-site Landscape Reuse Irrigation;
On-site Dust Control and Construction Use

Outfall 003
Latitude: 39° 03' 21" North
Longitude: 119° 45' 21" West
Approximate Center of RIBs Area

Outfall 005
Latitude: 39° 03' 29" North
Longitude: 119° 45' 51" West
Approximate Center of Bently Kirman Tract (Irrigation)

Outfall 002
Latitude: 39° 03' 36" North
Longitude: 119° 45' 33" West
SW Corner of Incline Village (IVGID)
Wetlands Irrigation

Outfall 004
Latitude: 39° 03' 21" North
Longitude: 119° 45' 11" West
Approximate Center of Effluent Holding
Basin

to receiving waters named

Groundwater of the State of Nevada via percolation

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Part I, II, and III hereof.

This permit shall become effective on September 3, 2007

This permit and the authorization to discharge shall expire at midnight, September 2, 2012.

Signed this 28th day of August, 2007.

James T. Hogan
Staff Engineer II
Bureau of Water Pollution Control



PART I

I.A. EFFLUENT LIMITATIONS, MONITORING, AND CONDITIONS

There shall be no discharge from the facility property except as authorized by this permit; there shall be no discharge or release of pollutants or toxic contaminants from the facility to the ground surface or waters of the State; and there shall be no discharge of substances that would cause a violation of water quality standards of the State of Nevada.

I.A.1. **Effluent Limitations:** During the period beginning on the effective date of this permit and lasting until the permit expires, the Permittee is authorized to discharge:

- Outfall 001: To on-site landscape reuse areas and on-site dust control and construction use
- Outfall 002 To IVGID Wetlands
- Outfall 003: To NVWWTF Rapid Infiltration Basin(s) RIB(s)
- Outfall 004: To NVWWTF effluent holding basin
- Outfall 005 To Bently Kirman Tract irrigation area

a. Effluent samples and/or measurements taken in compliance with the monitoring requirements specified below shall be collected at:

- i. Influent: At the intake of the Parshall flume for flow measurements and at the influent pump station wet well for laboratory samples.
- ii. Effluent: After the chlorine contact chamber overflow weir and prior to the effluent wetwell.
- iii. Outfall 001: After the chlorine contact tank and prior to discharge to the on-site landscape reuse areas or dust control and construction areas.
- iv. Outfall 002 After the chlorine contact tank and prior to discharge to the IVGID Wetland.
- v. Outfall 003: After the chlorine contact tank and prior to discharge to the RIB(s).
- vi. Outfall 004: After the chlorine contact tank and prior to discharge to the effluent holding basin
- vii. Outfall 005: After the chlorine contact tank and prior to discharge to the Bently Kirman Tract irrigation area

b. The effluent discharge shall be limited and monitored in accordance with the following specifications:

EFFLUENT LIMITATIONS

Parameters	MONITORING LOCATION	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS	
		30-Day Average	Daily Maximum	Monthly Total	Measurement Frequency	Sample Type
Influent Flow Rate (MGD)	Influent	0.45 ¹ 1.0	0.45 ¹ 1.0	----	Continuous	Flow Meter
CBOD ₅ (mg/L)	Influent	Monitor & Report			Monthly	Composite
CBOD ₅ (mg/L)	Effluent	30	45	----	Monthly	Composite
CBOD ₅ Treatment Efficiency	----	85%	----	----	Monthly	Calculation
Total Suspended Solids (mg/L)	Influent	Monitor & Report			Monthly	Composite

Total Suspended Solids (mg/L)	Effluent	30	45	-----	Monthly	Composite
Total Suspended Solids Treatment Efficiency	-----	85%	-----	-----	Monthly	Calculation
Fecal Coliform (CFU/mL)	Effluent	2.2/100	23/100	-----	Monthly	Discrete
pH (SU)	Effluent	6.0 to 9.0			Monthly	Discrete
Total Nitrogen as N (mg/L)	Effluent	10.0			Monthly	Composite
Nitrate as N (mg/L)	Effluent	Monitor & Report			Monthly	Composite
Chlorine Residual (mg/L)	Effluent	Monitor & Report			Monthly	Discrete
Priority Pollutants ²	Effluent	Monitor & Report			Biennially – Even Years	Discrete
Flow (gallons)	Outfall 003 Outfall 004	-----	-----	Monitor & Report	Monthly	Flow Meter
Irrigation Volume (gallons)	Outfall 001 Outfall 002 Outfall 005	-----	-----	Monitor & Report	Monthly	Flow Meter
Annual Application Volume (AF)/year	Outfall 001 Outfall 002 Outfall 005	Monitor & Report ³			Cummulative	Flow Meter

MGD Million gallons per day
 CBOD₅ 5-day carbonaceous biochemical oxygen demand
 CFU/100 mL Colony forming units per milliliter
 SU Standard Units
 mg/L Milligrams per liter
 as N As nitrogen

- ¹: 30-day average and maximum flow shall remain at 0.45 MGD until Phase II Project is approved, construction completed and in operation, then 1.0 MGD.
- ²: Priority Pollutants listed in Attachment A. Sample to be analyzed during the 4th quarter of even years and reported in the 4th Quarter Annual Report.
- ³: Acre-Feet (AF x 3.069 ≅ 1 Million Gallons). Volume determined for/from Consumptive Use Balance.

I.A.2. **Groundwater Monitoring:** Discrete groundwater samples shall be collected to confirm the effective protection of groundwater under the established discharge conditions of this permit.

- a. Groundwater monitoring and data rendering activities shall be conducted using monitoring protocols approved by the Nevada Division of Environmental Protection – Bureau of Water Pollution Control (Division).
- b. Discrete samples shall be collected from all groundwater monitoring wells, including existing wells MW-1 and MW-2, and new monitoring wells MW-4, MW-5 and MW-6 and any subsequent monitoring wells installed while this permit remains in effect. The exact location of new monitoring wells MW-4, MW-5 and MW-6 shall be approved by the Technical Services Branch (TSB) of the Bureau of Water Pollution Control prior to their installation. The installation and use of additional wells must be reported to the Division to be amended to the groundwater monitoring program (requirements) as a minor modification to the permit.
- c. Groundwater monitoring wells shall be conspicuously labeled, capped to prevent migration of surface contaminants to the groundwater, and locked to restrict access.
- d. The Permittee shall monitor all existing and new groundwater monitoring wells for the following parameters:

GROUNDWATER MONITORING REQUIREMENTS

Parameter	REQUIREMENTS	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE
Depth to Groundwater (feet)	Monitor & Report	MW-1, MW-2, MW-4, MW-5 & MW-6	Quarterly	Field Measurement
Groundwater Elevation (feet above msl)	Monitor & Report	MW-1, MW-2, MW-4, MW-5 & MW-6	Quarterly	Calculate
Electrical Conductivity (µmhos or µSiemens/cm)	Monitor & Report	MW-1, MW-2, MW-4, MW-5 & MW-6	Quarterly	Discrete
Nitrate as N (mg/L)	Monitor & Report	MW-1, MW-2, MW-4, MW-5 & MW-6	Quarterly	Discrete
Total Nitrogen ^e (TN) as N (mg/L)	10.0	MW-1, MW-2, MW-4, MW-5 & MW-6	Quarterly	Discrete
Total Phosphorous as P (mg/L)	Monitor & Report	MW-1, MW-2, MW-4, MW-5 & MW-6	Quarterly	Discrete
Chlorides (mg/L)	Monitor & Report	MW-1, MW-2, MW-4, MW-5 & MW-6	Quarterly	Discrete
Total Dissolved Solids (TDS, mg/L)	Monitor & Report	MW-1, MW-2, MW-4, MW-5 & MW-6	Quarterly	Discrete

amsl: above mean sea level
mg/L: milligram per liter
as N: as Nitrogen

- e. If the TN as N concentrations measured in the groundwater increase as a result of effluent storage and disposal to:
- i. 7.0 mg/L, the Permittee shall revise the O&M Manual to provide management practices which will reduce the nitrogen content of the effluent.
 - ii. 9.0 mg/L, the Permittee shall execute all corrective action necessary to ensure no further degradation of groundwater.
 - iii. 10.0 mg/L, the Permittee shall discontinue the discharge of wastewater effluent to groundwater, unless otherwise authorized by the Division.

It shall be the responsibility of the Permittee to determine the cause of the increase in TN measurements.

- I.A.3. **Odors:** There shall be no objectionable odors from the facility, irrigation plots, effluent holding basin, evaporation/percolation area(s), or facility discharges.
- I.A.4. **Nuisance Control:** Facility operations shall not cause or contribute to the propagation of pests or vector nuisances, including mosquitoes.
- I.A.5. **Visibility Parameters:** There shall be no discharge of floating solids or visible foam in other than trace amounts.
- I.A.6. **Security:** The treatment and disposal facility shall be fenced and posted with signs indicating wastewater treatment and the possible use of treated effluent for surface irrigation.
- I.A.7. **Safety and Hygiene:** The facility shall provide a copy of a brief, but complete and understandable document describing the possible hazards and proper hygiene of working with and around reclaimed water to all operators and other affected personnel.
- I.A.8. All solid waste screening and sewage sludge shall be disposed or reused in a manner approved by the Division and the County. Facilities that generate and dispose, or prepare for reuse, sewage sludge shall monitor the

concentrations of arsenic, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium and zinc and report in mg/dry Kg of sludge as outlined below.

<u>Dry Sludge Disposal rate in tons/yr.</u>	<u>Frequency</u>
>0 - <320	each year
≤320 - <1654	once a quarter
≤1654 - <16538	once every 2 months
≤16538	once a month

A monitoring report, which includes the analytical data, volume disposed, facility name, address, phone number and contact where sludge was disposed or reused shall be submitted with the quarterly Discharge Monitoring Report (DMR). Facilities, which sample annually, shall submit the information annually with the 4th quarter DMR.

- I.A.9. Collection, treatment, and effluent disposal facilities shall be constructed in conformance with plans approved by the Division. All plans must be approved by the Division prior to the start of construction and must be stamped by a Professional Engineer registered in the State of Nevada. All changes to any plans approved by the Division must be stamped by Professional Engineer registered in the State of Nevada and re-approved by the Division prior to implementation.
- I.A.10. **Process Operations and Maintenance:** The treatment facility shall be operated in compliance with permit provisions and requirements and in accordance with a Division-approved Operations and Maintenance (O&M) Manual. The O&M Manual shall be updated whenever there is a change in the mechanical configuration or operation of the facility.
- I.A.11. **Effluent Management Plan:** Storage pond(s), distribution systems, irrigation plot(s), RIBs and ancillary facilities shall be operated in accordance with an EMP, which must be approved by the Division prior to the use of reclaimed water unless otherwise authorized by the Division. It is recommended that the Permittee use *WTS-1B: General Criteria for Preparing an Effluent Management Plan* (NDEP 2000) as a guide. The EMP shall be updated whenever there is a change in the operation of the facility.
- I.A.12. **Certified Operator:** The treatment facility shall be operated by a currently licensed, Nevada Certified Class III (or higher) Operator (Nevada Administrative Code [NAC] 445A.290).
- I.A.13. **Well Abandonment:** Abandonment of any groundwater monitoring wells shall be conducted in conformance with the requirements of the Division of Water Resources.
- I.A.14. **Pilot RIB:** A pilot RIB shall be constructed and operated in accordance with plans approved by the TSB. After two years of operation, the Permittee shall evaluate data from the monitoring wells for comparison to of the Permittee's computer modeling study results. The evaluation of this data shall be wet stamped by a professional engineer licensed in the State of Nevada. If the data does not support the modeling study, the pilot RIB shall be decommissioned by the Permittee.
- I.A.15. **Presumption of Possession and Compliance:** Copies of this permit, any subsequent modifications, and the approved O&M Manual shall be maintained at the permitted facility at all times.
- I.A.16. **Prerogative to Reopen:** This permit may be re-opened, re-evaluated, and modified by the permitting authority to include effluent limits, additional testing, and/or other appropriate actions in response to demonstrated effluent toxicity or conditions confirmed by subsequent monitoring data. This permit may also be re-evaluated and modified by the permitting authority to incorporate alternative permit conditions determined to be appropriate based on subsequent monitoring data and/or effluent toxicity information.
- I.A.17. **Annual Fee:** The Permittee shall remit an annual review and services fee in accordance with NAC 445A.232 starting **July 1, 2008** and every year thereafter until the permit is terminated.
- I.A.18. **Schedule of Compliance:** The Permittee shall implement and comply with the provisions of the permit upon issuance and the following schedule of compliance, including in said implementation and compliance, any additions or modifications the Administrator may make in approving the schedule of compliance.
 - a. **At least 30 days prior to the startup of the effluent holding basin,** the Permittee shall notify both the

Compliance Coordinator and the Technical Services Branch (TSB) of the Bureau of Water Pollution Control of the Permittee's intent to activate the effluent holding basin. The TSB shall approve the effluent holding basin prior to activation.

- b. **Within 14 days of the activation of the effluent holding basin**, the Permittee shall notify the Compliance Branch of the Bureau of Water Pollution Control of such activation.
- c.. **Within 90 days of the completion of the effluent holding basin**, the Permittee shall submit an updated O&M Manual prepared in accordance with guidance document *WTS-2: Minimum Information Required for an Operations and Maintenance Manual*.
 - i. The updated O&M Manual must be stamped by a Professional Engineer licensed in the State of Nevada;
 - ii. The updated O&M Manual must include provisions for the removal of weeds and woody species from pond berms and for the removal of burrowing animals;
 - iv. The updated O&M Manual must include provisions for vector attraction controls **including mosquitoes**;
 - v. The updated O&M Manual must include provisions for odor controls from the facility, **including the effluent holding basin**, irrigation plots, evaporation/percolation area(s), or facility discharges; and
 - vi. Septage handling and management procedures shall be described and defined in the O&M Manual.
- d. **Within 90 days of the permit issue date (November 12, 2007)**, the Permittee shall submit an Effluent Management Plan (EMP) for on-site landscape irrigation reuse and on-site dust control and construction use. The EMP shall be prepared in accordance with *WTS-1B: General Criteria for Preparing an Effluent Management Plan*. The EMP must be approved by the Division prior to discharge for on-site landscape irrigation or on-site dust control and construction use. The EMP shall also include:
 - i. A section detailing a sampling and analysis program for groundwater monitoring activities.
 - ii. A copy of the document prepared notifying affected facility personnel of the possible hazards and proper hygiene of working with and around reclaimed water.
- e. **At least 30 days prior to the startup of the Phase II Project**, the Permittee shall notify both the Compliance Coordinator and the Technical Services Branch (TSB) of the Bureau of Water Pollution Control of the Permittee's intent to activate the Phase II Project. The TSB shall approve the Phase II Project prior to activation.
- f. **Within 14 days** of the activation of the Phase II Project, the Permittee shall notify the Compliance Branch of the Bureau of Water Pollution Control of such activation.
- g. New monitoring wells shall be installed and operational prior to the upstart and use of the proposed RIB, effluent holding basin and on-site re-use irrigation areas, and on-site dust control and construction use.
- h. Schedule of compliance documents and evidence of compliance must be submitted to:

Nevada Division of Environmental Protection
Bureau of Water Pollution Control
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701-5249
Attn: Compliance Coordinator

I.B. MONITORING AND REPORTING

I.B.1. Monitoring

- a. **Representative Samples:** Samples and measurements taken as required herein shall be representative of

the volume and nature of the monitored discharge. Analysis shall be performed by a State of Nevada certified laboratory. Results from this laboratory must accompany the Discharge Monitoring Report.

- b. **Test Procedures:** Test Procedures for the analysis of pollutants shall conform to regulations (40 CFR, Part 136) published pursuant to Section 304(h) of the Clean Water Act, under which such procedures may be required unless other procedures are approved by the Division.
- c. **Recording the Results:** For each measurement or sample taken pursuant to the requirements of this permit, the Permittee shall record the following information:
 - i. The exact place, date, and time of sampling;
 - ii. The dates the analyses were performed;
 - iii. The person(s) who performed the analyses;
 - iv. The analytical techniques or methods used; and
 - v. The results of all required analyses.
- d. **Additional Monitoring by Permittee:** If the Permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in any calculation and/or reported value required by this permit. Such increased frequency shall also be indicated in required reports.
- e. **Records Retention:** All records and information resulting from monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained for a minimum of three (3) years or longer if required by the Administrator.
- f. **Detection Limits:** All laboratory analysis conducted in accordance with this discharge permit must have detection at or below the permit limits.
- g. **Modification of Monitoring Frequency and Sample Type:** After considering monitoring data, stream flow, discharge flow, discharge frequency, and receiving water conditions, the Division and/or Administrator may, for just cause, modify the monitoring frequency and/or sample type by issuing an order to the Permittee.
- h. **Definitions**
 - i. **Daily maximum:** is the highest measurement obtained during the monitoring period.
 - ii. **30-day average discharge:** means the total discharge during a month divided by the number of samples in the period that the facility was discharging. Where less than daily sampling is required by this permit, the 30-day average discharge shall be determined by the summation of all the measured discharges divided by the number of samples during the period when the measurements were made.
 - iii. **30-day average concentration:** means the arithmetic mean of measurements made during a month (other than for fecal coliform bacteria). The "30-day average concentration" for fecal coliform bacteria means the geometric mean of measurements made during a month. The geometric mean is the "nth" root of the product of "n" numbers. Geometric mean calculations where there are non-detect results for fecal coliform shall use a value of ½ the detection limit to represent the non-detect results.
 - iv. **"Discrete" sample:** means any individual sample collected in less than 15 minutes.
 - v. **"Composite" sample:** (for flow-rate measurements) means the arithmetic mean of no fewer than six (6) individual measurements taken at equal time intervals for 24 hours or for the duration of discharge, whichever is shorter.
 - vi. **"Composite" sample:** (for measurements other than flow-rate) means a combination of no fewer than six (6) individual flow-weighted samples obtained at equal time intervals for 24 hours or for the duration of discharge, whichever is shorter. Flow-weighted sample means that the volume of

each individual sample shall be proportional to the discharge flow rate at the time of sampling.

I.B.2. Reporting:

a. Annual Report

- i. The fourth quarter report shall contain a plot of concentration (y-axis) versus date (x-axis) for each monthly analyzed constituent. The plot shall include data from the preceding five (5) years, if available. Any data point from the current year that is greater than the limits in Part I.A.1. must be explained by a narrative.
- ii. Labeled and dated photographs of the effluent holding basin and the RIB(s) shall be submitted annually as part of the 4th quarter report

b. Quarterly Reporting

Monitoring results obtained during the previous three (3) months shall be summarized for each month and reported on a Discharge Monitoring Report (DMR) Form received in this office no later than the 28th day of the month following the completed reporting period. The first report is due on **July 28, 2007**. An original signed copy of these, and all other reports required herein, shall be submitted to the State at the following address:

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

I.B.3. Signatures required on application and reporting forms.

- a. Application and reporting forms submitted to the department must be signed by one of the following:
 - i. A principal executive officer of the corporation (of at least the level of vice president) or his authorized representative who is responsible for the overall operation of the facility from which the discharge described in the application or reporting form originates; or
 - ii. A general partner of the partnership; or
 - iii. The proprietor of the sole proprietorship; or
 - iv. A principal executive officer, ranking elected official or other authorized employee of the municipal, state or other public facility.
- b. Each application must contain a certification by the person signing the application that he is familiar with the information provided, that to the best of his knowledge and belief the information is complete and accurate and that he has the authority to sign and execute the application.
- c. **Changes to Authorization.** If an authorization under paragraph b. of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph b. of this section must be submitted to the Division prior to or together with any reports, information, or applications to be signed by an authorized representative.

PART II

II.A. MANAGEMENT REQUIREMENTS

- II.A.1. Change in Discharge:** All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than, or at a level in excess of, that authorized shall constitute a violation of the permit. Any anticipated facility expansions or treatment modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new

application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the permit issuing authority of such changes. Any changes to the permitted treatment facility must comply with NAC 445A.283 to 445A.285. Pursuant to NAC 445A.263, the permit may be modified to specify and limit any pollutants not previously limited.

II.A.2. Facilities Operation: The Permittee shall, at all times, maintain in good working order and operate as efficiently as possible all treatment or control facilities, collection systems, or pump stations installed or used by the Permittee to achieve compliance with the terms and conditions of this permit.

II.A.3. Adverse Impact: The Permittee shall take all reasonable steps to minimize any adverse impact to receiving waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

II.A.4. Noncompliance, Unauthorized Discharge, Bypassing, and Upset:

a. Any diversion, bypass, spill, overflow, or discharge of treated or untreated wastewater from wastewater treatment or conveyance facilities under the control of the Permittee is prohibited except as authorized by this permit. In the event the Permittee has knowledge that a diversion, bypass, spill, overflow, or discharge not authorized by this permit is probable, the Permittee shall immediately notify the Division.

b. The Permittee shall notify the Division within twenty-four (24) hours of any diversion, bypass, spill, upset, overflow, or release of treated or untreated discharge other than that which is authorized by the permit. The following shall be included as information which must be reported within 24 hours: A written report shall be submitted to the Division within five (5) days of diversion, bypass, spill, overflow, upset, or discharge detailing the entire incident including:

- i. Time and date of discharge;
- ii. Exact location and estimated amount of discharge;
- iii. Flow path and any bodies of water which the discharge contacts;
- iv. The specific cause of the discharge; and
- v. The preventative and/or corrective actions taken.

c. The following shall be included as information which must be reported within 24 hours:

- i. Any unanticipated bypass which exceeds any effluent limitation in the permit;
- ii. Any upset which exceeds any effluent limitation in the permit; and
- iii. Any violation of a limitation for any toxic pollutant or any pollutant identified as the method to control a toxic pollutant.

d. The Permittee shall report all instances of noncompliance not reported under Part II.A.4.b. at the time monitoring reports are submitted. The reports shall contain the information listed in Part II.A.4.b.

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

f. In selecting the appropriate enforcement option, the Administrator shall consider whether or not the noncompliance was the result of an upset.

g. The burden of proof is on the Permittee to establish that an upset occurred.

In order to establish that an upset occurred, the Permittee must provide, in addition to the information

required under Part II.A.4.b. above, properly signed contemporaneous operating logs or other relevant evidence that:

- a. The facility was at the time being properly operated as required in Part II.A.2. above; and
- b. All reasonable steps were taken to minimize adverse impacts as required by Part II.A.3. above.

II.A.5. **Removed Substances:** Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of process wastewaters shall be disposed of in a manner such as to prevent any pollution from such materials from entering any navigable waters.

II.A.6. **Safeguards to Electric Power Failure:** In order to maintain compliance with the effluent limitations and prohibitions of this permit the Permittee shall either:

- a. Provide, at the time of discharge, an alternative power source sufficient to operate the wastewater control facilities; or
- b. Halt or reduce all discharges upon the reduction, loss, or failure of the primary source of power to the wastewater control facilities.

II.B. RESPONSIBILITIES

II.B.1. **Right of Entry and Inspection:** The Permittee shall allow the Administrator and/or his authorized representatives, upon the presentation of credentials, to:

- a. Enter, at reasonable times, upon the Permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit;
- b. Have access to and copy any records required to be kept under the terms and conditions of this permit;
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations required in this permit; and
- d. Perform any necessary sampling or monitoring to determine compliance with this permit at any location for any parameter.

II.B.2. **Transfer of Ownership or Control:** In the event of any change in control or ownership of facilities from which the authorized discharge emanates, the Permittee shall notify the succeeding owner or controller of the existence of this permit, by letter, a copy of which shall be forwarded to the Administrator. All transfer of permits shall be approved by the Division.

II.B.3. **Availability of Reports:** Except for data determined to be confidential under NRS 445A.665, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of the Administrator. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in NRS 445A.710.

II.B.4. **Furnishing False Information and Tampering with Monitoring Devices:** Any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained by the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation, or order issued pursuant thereto or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under the provisions of NRS 445A.300 to 445A.730, inclusive or by any permit, rule, regulation, or order issued pursuant thereto is guilty of a gross misdemeanor and shall be punished by a fine of not more than \$10,000 or by imprisonment. This penalty is in addition to any other penalties, civil or criminal, provided pursuant to NRS 445A.300 to 445A.730, inclusive.

II.B.5. **Penalty for Violation of Permit Conditions:** NRS 445A.675 provides that any person who violates a permit condition is subject to administrative and judicial sanctions as outlined in NRS 445A.690 through 445A.705.

II.B.6. **Permit Modification, Suspension, or Revocation:** After notice and opportunity for a hearing, this permit may be

modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- II.B.7. **Toxic Pollutants:** Notwithstanding Part II.B.6., if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under NAC 445A for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the Permittee so notified.
- II.B.8. **Liability:** Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable Federal, State, or local laws, regulations, or ordinances.
- II.B.9. **Property Rights:** The issuance of this permit does not convey any property rights, in either real or personal property, or any exclusive privileges, rights, or rights of access or easement; nor does it authorize any injury to private property, any invasion of personal rights, or any infringement of Federal, State, or local laws or regulations.
- II.B.10. **Severability:** The provisions of this permit are severable, and if any provision of this permit or the application of any provisions of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

PART III

III.A. OTHER REQUIREMENTS

- III.A.1. **Reapplication:** If the Permittee desires to continue to discharge, he shall reapply not later than 180 days before this permit expires on the application forms then in use. The renewal application shall be accompanied by the fee required by NAC 445A.232.
- III.A.2. **Flow Rate Notification:** The Permittee shall notify the Administrator, by letter, not later than 90 days after the 30-day average daily influent flow rate first equals or exceeds 85% of the design treatment capacity of the permitted facility or limitations specified in Part I.A. The letter shall include:
- a. The 30-day average daily influent flow rate;
 - b. The maximum 24-hour flow rate measured during the pertinent 30-day period and the date the maximum flow occurred;
 - c. An estimate of when the 30-day average influent flow rate will equal or exceed the design capacity of the permitted facility;
 - d. A status report for the facility which will outline, but not be limited to, past performance, remaining capacity of the limiting treatment and disposal units or sites, past operational problems and improvement instituted, and modifications to the treatment works which are needed to attain the permitted flow rate due to changing, site-specific conditions or design criteria; and
 - e. A schedule of compliance to provide additional treatment capacity before the 30-day average daily influent flow rate equals the present design treatment capacity of the permitted facility.
- III.A.3. **Holding Pond Conditions:** If any wastewater from the Permittee's facility is placed in ponds, such ponds shall be located and constructed so as to:
- a. Contain with no discharge the once-in-twenty-five year 24 hour storm at said location;

- b. Withstand with no discharge the once-in-one-hundred year flood of said location; and
- c. Prevent escape of wastewater by leakage other than as authorized by this permit.
- d. A freeboard of not less than three (3) feet shall be maintained on the effluent holding basin.
- e. The effluent holding basin and the RIB(s) shall be equipped with a staff gauge. Staff gauge readings, taken at least weekly, shall be recorded in a log maintained on-site.

**ATTACHMENT A
 PRIORITY POLLUTANTS**

<u>BASE NEUTRAL EXTRACTIBLES</u>	<u>VOLATILE ORGANICS</u>	<u>PESTICIDES</u>	<u>ACID EXTRACTIBLES</u>	<u>METALS</u>	<u>DIOXINS</u>
Acenaphthene	Acrolein	Aldrin	2,4,6-Trichlorophenol	Antimony	TCDD
Benzidine	Acrylonitrile	Dieldrin	4-Chloro-3-methylphenol	Arsenic	
1,2,4-Trichlorobenzene	Benzene	Chlordane (Technical)	2-Chlorophenol	Beryllium	
Hexachlorobenzene	Carbon tetrachloride	4,4'-DDT	2,4-Dichlorophenol	Cadmium	OTHER

Hexachloroethane	Chlorobenzene	4,4'-DDE	2,4-Dimethylphenol	Chromium	
Bis(2-chloroethyl) ether	1,2-Dichloroethane	4,4'-DDD	2-Nitrophenol	Copper	Cyanide
2-Chloronaphthalene	1,1,1-Trichloroethane	Endosulfan I	4-Nitrophenol	Lead	Asbestos
1,2-Dichlorobenzene	1,1-Dichloroethane	Endosulfan II	2,4-Dinitrophenol	Mercury	
1,3-Dichlorobenzene	1,1,2-Trichloroethane	Endosulfan sulfate	2-Methyl-4,6-dinitrophenol	Nickel	
1,4-Dichlorobenzene	1,1,2,2-Tetrachloroethane	Endrin	Pentachlorophenol	Selenium	
3,3'-Dichlorobenzidine	Chloroethane	Endrin aldehyde	Phenol	Silver	
2,4-Dinitrotoluene	2-Chloroethylvinylether	Heptachlor		Thallium	
2,6-Dinitrotoluene	Chloroform	Heptachlor epoxide		Zinc	
1,2-Diphenylhydrazine	1,1-Dichloroethene	Alpha-BHC			
Fluoranthene	Trans-1,2-Dichloroethene	Beta-BHC			
4-Chlorophenyl phenyl ether	1,2-Dichloropropane	Gamma-BHC (Lindane)			
4-Bromophenyl phenyl ether	1,3-Dichloropropane	Delta-BHC			
Bis(2-Chloroisopropyl) ether	Ethylbenzene	PCB 1016			
Bis(2-Chloroethoxy) methane	Dichloromethane	PCB 1221			
Hexachlorobutadiene	Chloromethane	PCB 1232			
Hexachlorocyclopentadiene	Bromomethane	PCB 1242			
Isophorone	Bromoform	PCB 1248			
Naphthalene	Bromodichloromethane	PCB 1254			
Nitrobenzene	Dibromochloromethane	PCB 1260			
N-Nitrosodimethylamine	Tetrachloroethene	Toxaphene			
N-Nitrosodiphenylamine	Toluene				
N-Nitrosodi-n-propylamine	Trichloroethene				
Bis(2-ethylhexyl) phthalate	Vinyl chloride				
n-Butyl benzyl phthalate					
Di-n-butyl phthalate					
Di-n-octyl phthalate					
Diethyl phthalate					
Dimethyl phthalate					
Benzo(a)anthracene					
Benzo(a)pyrene					
Benzo(b)fluoranthene					
Benzo(k)fluoranthene					
Chrysene					
Acenaphthylene					
Antracene					
Benzo(g,h,i)perylene					
Fluorene					
Phenanthrene					
Dibenzo(a,h)anthracene					
Indeno(1,2,3-cd)pyrene					
Pyrene					
			Note:	Priority Pollutants to be analyzed using Environmental Protection Agency (EPA) Methods 200 Series, 353.3, 420.2, 624,625, 608, and/or an appropriate combination of these methods to verify compliance with permit-specified effluent discharge limitations.	