ENVIRONMENTAL CONTROL PERMIT
PERMIT: 887783-03
BUSINESS LICENSE NO. NA

PERMIT EFFECTIVE DATE: 10/1/2016

ISSUED TO:
UNR Laxalt Mineral Engineering
UNR Laxalt Mineral Engr Bldg. Ste. 046
Reno, NV 89557

POST IN A CONSPICUOUS PLACE
INTERNAL CODES: None

PERMIT EXPIRATION DATE: 12/31/2017

ISSUED BY ENVIRONMENTAL
CONTROL OFFICER:

ENVIRONMENTAL CONTROL PERMIT

Failure to comply with the conditions of the following permit requirements could result in the issuance of a
citation, your business name being published in a local newspaper, and the revocation of your environmental
control permit and/or license.

PERMIT REQUIREMENTS:

SPECIAL PERMIT CONDITIONS:
This facility must comply with the Best Management Practices and/or reporting requirements as
outlined herein and with the Reno Municipal Code, Chapter 12.16.

1. The Permittee shall provide training on appropriate procedures to handle chemical materials and
   proper disposal to staff, faculty and students at the beginning of fall and spring semesters. In addition,
   this training shall be provided to all new faculty, staff, and students. The Permittee shall have a system
   in place to gather, manage and properly dispose of all chemical wastes. The discharge of concentrated
   chemical wastes or solvents to a drain is specifically prohibited.
   * Signs must be posted near sinks within each teaching laboratory and room where chemicals are used
     stating that it is prohibited to dispose of any chemical waste to the sanitary sewer.
   * The 2000-Gallon grease interceptor located on the south side of the building must be pumped out
     every 12 months.
   * Keep receipts and or manifests on site for the removal of all wastes and recyclable materials.
   * Removal of all wastes must meet City, County, State and Federal requirements.
   * Discharging wastewater to the sanitary sewer having a pH less than 5.5 or greater than 10.5 units is
     prohibited.
   * Any waste defined as hazardous by RCRA standards cannot be disposed of in the City's
     wastewater collection system.
   * Washing to the storm drain system is prohibited.

2. The Permittee shall submit the following signatory certification statements signed by the Authorized
   Representative of the Industrial User to the City once per six (6) months corresponding with the start
   of the spring and fall semesters:

   Signatory Certification Statement
   "I certify under penalty of law that this document and all attachments were prepared under my direction
or supervision in accordance with a system designed to assure that qualified personnel properly gather
and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Best Management Practices Statement

"I certify, under penalty of law, that training on the proper handling and disposal of chemical wastes has been provided to faculty, staff and students as required during the Compliance Period specified in the Permit. I further certify that the Permittee has a system in place to manage and properly disposed of chemical wastes and solvents and that if any discharges of concentrated chemical wastes or solvents occurred, the events were reported to the City. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and beliefs, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

If the Authorized Representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of 40 CFR Section 403.12(1) must be submitted to the City prior to or together with any reports to be signed by the Authorized Representative.

PROHIBITED DISCHARGES:

(a) Water discharged to the stormwater facilities shall be limited to only unpolluted water including rainwater, stormwater, groundwater, street drainage, subsurface drainage, irrigation runoff and yard drainage. All other material shall be prohibited from discharge to the stormwater facilities, groundwater or surface waters unless prior approval of the Director has been obtained. Any item listed in paragraph (b) of this section shall, under no conditions, be discharged into, be placed where they might find their way into or be allowed to run, leak, or escape into the stormwater facilities of the city or groundwater or surface water sources within the City.

(b) Waste or any other matter having the following characteristics shall, under no circumstances, be discharged into, be placed where they might find their way into or be allowed to run, leak, or escape into the wastewater system facilities:

(1) Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the Publicly Owned Treatment Works (POTW) or to the operation of the POTW. At no time shall two successive readings on an explosion hazard meter at the point of discharge into the system (or at any point in the system) be more than five percent (5%) nor shall any single reading be over ten percent (10%) of the Lower Explosive Limit (LEL) of the meter. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, and hydrides.

(2) Any waste containing or causing the promotion of any toxic or poisonous solids, liquids, or gases that, alone or in combination with other waste substances, may create a hazard for humans, animals, or the environment; interfere with wastewater treatment processes; cause a public nuisance; or cause any hazardous condition to occur in the wastewater system.

(3) Any waste having a pH lower than 5.5 pH units or having any corrosive or detrimental characteristic that may cause injury to wastewater collection or treatment systems including structures and equipment. Any waste with a pH greater than 10.5 pH units or high enough to cause alkaline incrustations on sewer walls or other adverse effects on the wastewater system.
(4) Any solids or viscous wastes that may cause deposition, obstruction, damage or reduction of flow in the sewer, be detrimental to proper wastewater treatment plant operations, or other "interference". These objectionable substances include, but are not limited to, asphalt, dead animals, offal, ashes, sand, mud, straw, industrial process shavings, metal, glass, rags, feathers, tar, plastics, wood, paunch manure, bones, hair, fleshings, entrails, paper dishes, paper cups, milk containers, or other similar paper products, either whole or ground.

(5) Any sewer lateral connected to the City's wastewater facilities which would allow infiltration discharges in excess of two hundred (200) gallons per day per pipe diameter inch per mile of length.

(6) Any water added for the purpose of diluting wastes.

(7) Any oil and grease of petroleum or mineral origin in excess of 100 mg/L.

(8) Any radioactive, radiological, chemical or biological warfare agent waste or material except as regulated by the State and/or Federal government.

(9) Any waste, including oxygen-demanding pollutants, released in a discharge of such volume or strength as to cause "interference" in the performance of the Reno Sparks and or Stead treatment plants.

(10) Any heat in amounts which will inhibit biological activity in the wastewater facilities as to cause "interference" in the treatment plants, but in no case heat in such quantities that the temperature exceeds sixty-five (65) degrees Celsius (one hundred fifty (150) degrees Fahrenheit) in the collection system and forty (40) degrees Celsius (one hundred four (104) degrees Fahrenheit) at the treatment plant.

(11) Any animal or vegetable greases or oils in excess of three hundred (300) milligrams per liter.

(12) Any pollutant which may cause the POTW's effluent, sludge, or residue to be unsuitable for, or interfere with, the reclamation or reuse process.

(13) Any substance which will cause pass through or otherwise cause the POTW to violate its National Pollutant Discharges Elimination System (NPDES) permit and/or the receiving water quality standards.

(14) Any wastewater with objectionable color not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions.

(15) Any pesticides or herbicides.

CITY OF RENO COMPLIANCE MONITORING:
The City of Reno may randomly monitor the discharge of this facility. Both composite and grab samples may be taken. The results of this monitoring will be reported to the facility and split samples will be made available. If a violation occurs, it will be reported to the facility and a second sample will be taken within 30 days. Samples will be analyzed by a certified laboratory using methods that conform to 40 CFR Part 136. Laboratory reports shall include chain of custody information and shall be signed by a responsible laboratory official.

CHANGES IN OPERATION:
UNR Davidson Math and Science personnel are required to notify the City of Reno Environmental Control Section prior to any change in operation that may alter the quantity or quality of wastewater.

NOTICE OF SLUG LOAD/ACCIDENTAL SPILL:
UNR Davidson Math and Science personnel shall notify the City of Reno Environmental Control Section prior to releasing any pollutant at a flow rate or concentration level which may cause interference or damage to the wastewater facilities. In case of an accidental spill or slug load to the wastewater or stormwater facilities, immediately notify Reno Environmental Control, at 334-2350, the Truckee Meadows Water Reclamation Facility, at 861-4100, and a Reno Environmental Control Officer at 722-4660. Follow-up written notification will be required within 5 days of spill or slug load. (A slug discharge is any discharge of a non-routine episodic nature including, but not limited to, an accidental spill or a non-customary batch discharge.)
PENALTY PROVISIONS:
Any person who violates or aids or abets the violation of any condition or requirement of this permit shall be guilty of a misdemeanor and subject to fines not to exceed One Thousand Dollars ($1,000.00) and/or six (6) months in jail for each day in which such violation occurs.

RIGHT OF ENTRY:
UNR Davidson Math and Science personnel shall allow the Environmental Control Officer ready access at all reasonable times to all parts of the premises for the purpose of inspection, sampling, records examination, or in performance of any City authorized duties per RMC 12.16.650.

TRANSFER OF PERMIT:
Wastewater permits are issued to a specific industrial user for a specific operation. This wastewater permit shall not be reassigned, transferred, or sold in the event of a new owner, name change for the industrial user, new industrial user, change of premises, new operation, or change in operation.

3. Washing outside to the storm drain system is prohibited.
4. The removal of all wastes must meet City, County, State and Federal requirements.
5. This business is required to contact Environmental Control at 334-2350 prior to any changes in operation that may alter the quantity or quality of wastewater.
6. This permit is non-transferable.
8. Per RMC Sec. 12.16.595, Environmental Control personnel bearing proper credentials shall be given ready access to all parts of the premises for the purpose of inspection, sampling, and records examination.
9. UNR Laxalt Mineral Engineering must immediately notify the City of Reno (City) at 775-722-4660 within twenty four (24) hours of any discharge or release that has the potential to adversely affect the City's sanitary sewer system, storm sewer system or the groundwater aquifer.