

**STATE OF NEVADA
BUREAU OF AIR POLLUTION CONTROL
INSIGNIFICANT ACTIVITIES LIST**

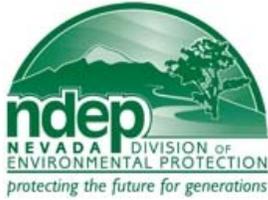
The following insignificant activities have been approved by the director in accordance with NAC 445B.288.4:

- Crematory Incinerators processing <175 tons per year (1/24/96)
- Autoclave re-bricking (3/1/96)
- Prill silos <100,000 tons/year (3/1/96)
- Parts cleaners - cold cleaning only (3/1/96)
- Storage tanks, as follows: (3/1/96)

<u>Emission Unit</u>	<u>Tank size (gallons)</u>	and	<u>Vapor Pressure (PSIA)</u>
non-HAP VIL*	<40,000		<0.60
non HAP VIL	<200,000		<0.13
HAP VIL	<40,000		<0.15
HAP VIL	<200,000		<0.03
Liquid NaCN	any size		N/A

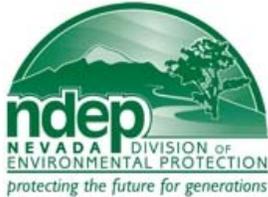
*VIL - volatile inorganic liquid

- Portable screening plant, processing 100,000 tons of metallic mineral, in less than 6 months, with 4% moisture content (3/5/96)
- Carbon strip/electrowinning circuit, with a total liquid surface area of less than 610 square feet and a solution flow rate less than 400 gallons per minute (6/12/96)
- Mine analytical laboratory fume hoods (6/12/96)
- Mine metallurgical laboratory fume hoods (6/12/96)
- Land farming of not more than 270,000 tons per year of diesel-based hydrocarbon contaminated soil, with a concentration of less than 50,000 ppm Total Petroleum Hydrocarbons. (6/12/96)
- Land farming of not more than 338 tons per year of gasoline-based hydrocarbon contaminated soil, with a concentration of less than 50,000 ppm Total Petroleum Hydrocarbons. (6/12/96)
- Sand washing operations, consisting of material unloading by continuous drop feed on a feed conveyor, double deck screen/wash with two feed conveyors to the materials stockpile, processing the following: (1) less than 765,000 tons per year at the following moisture contents: material unloading and conveyor belt at least 1.5% moisture, screen and tow conveyor belts at least 7.0% moisture; (2) less than 805,000 tons per year at the following moisture contents: material unloading and conveyor belt at least 1.5% moisture, screen and tow conveyor belts at least 7.5% moisture; (3) less than 844,000 tons per year at the following moisture contents: material unloading and conveyor belt at least 1.5% moisture, screen and two conveyor belts at least 8.5% moisture. (6/12/96)



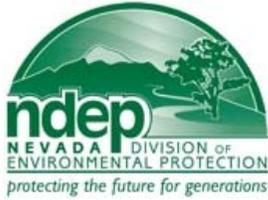
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- Lime silo, located at Newmont Gold Company's Rain Project, 127 ton storage capacity, equipped with silo discharge auger which is physically limited to 1.50 tons per hour of discharge of lime (13,140 tons per year). (7/13/98)
- Chemistry laboratory at the HWAD Main Base. (8/24/98)
- Transloading facility for lime, consisting of railcar transfer to screw conveyor, screw conveyor to belt conveyor, belt conveyor to truck, transferring 80 tons per hour, for Continental Lime Inc.'s Dunphy Transloading facility. (1/13/99)
- Newmont Gold Company - Shotcrete Plant described as follows: two (2) cement silo augers, cement metering bin, mix box containing washed pea gravel and sand, and auger to shotcrete transport truck. Shotcrete plant throughput is physically limited by shotcrete discharge auger, at 25.6 tons per hour (19.84 tons per hour gravel/sand and 5.76 tons per hour cement). (4/27/99) (revised 2/20/01)
- SmartAsh 100 disposal unit, specified as follows: 55 gallon steel open head drum, stainless steel lid, plated tubular steel frame, 2 blowers, for burning absorbent materials, paper waste, wood by-products, rags, used filters, waste oil, and other **non-hazardous** waste at a rate of 50 pounds per hour. (5/7/99)
- One evaporator/condenser located at Quebecor Printing Nevada's Fernley facility with a maximum design capacity of 2000 gallons per day. (11/30/99)
- Transloading facility for flyash, consisting of railcar transfer to screw conveyor, screw conveyor to belt conveyor, belt conveyor to truck, transferring 80 tons per hour, for Continental Lime Inc.'s Dunphy Transloading facility. (12/1/99)
- Battery decasing, decanning, washing and waste water treatment operations, located at NAVSEA-HWAD. Combined mercury-zinc, mercury-cadmium and silver-zinc battery process rate not to exceed 1000 batteries per hour and 260,000 batteries per year. Only one battery type may be processed at any given time. Mercury content not to exceed 0.552 pounds per battery. Total uncontrolled mercury emissions from the battery decasing, decanning, washing and wastewater treatment operations not to exceed 0.1 pounds per hour and 26 pounds per year. (5/15/2000)
- Crawford Animal Crematories - Model CB400 and a Model 500P to be located at the Silver Hills Vet Hospital in Carson City. The crematories are to be used for the destruction of animal carcasses only. (12/12/00)
- MCI WorldCom - Six Generac 96A04605-S, 60kW, diesel generators - One each at the following locations: Argenta, Lander County; Carlin, Elko County; Clover Valley, Elko County; Shafter, Elko County; Stonehouse, Humboldt County. (2/20/01)
- Newmont Gold Company's Portable Cement Mixing Plant consisting of - a mix tank for generating cement slurry, and an auger with a maximum throughput of 700 pounds of cement per minute. (2/20/01)
- Barrick Goldstrike Mines, Inc., Pilot Scale Fluidized Bed Roaster w/ Integral Quenching Eductor. Maximum material throughput of 45 pounds per hour with a roaster operating temperature range between 700° and 1200° F. (4/3/01)



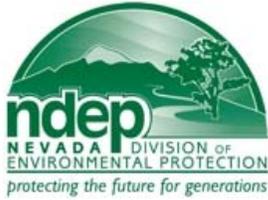
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- Industrial Metals & Mining, LLC's ore processing operation located in Silver Springs, Nevada consisting of - weigh and assaying of incoming ore, ore roasting, ore sizing, and ore loading to liquid process solution system. (8/10/01)
- Oglebay Norton Industrial Sands, Inc.'s portable sand transloading conveyor. (10/10/01)
- Paramount Nevada Asphalt Company's emulsified asphalt plant. (5/22/02)
- Crawford Animal Crematories, Model C500P natural-gas fired crematory, 75 pounds/hour capacity, located at Great Basin Pet Crematory in Elko. The crematory is to be used for the destruction of animal carcasses only. (10/28/02)
- Bently Nevada, LLC, screen printing operation, manual, processing <50 lb/hr. (12/18/02)
- RMC Nevada, Inc., portable aggregate stacking conveyor which will convey 50 thousand tons of washed sand with approximately 8% moisture into railcars. The conveyor is powered by a 115 h.p. engine. (1/16/03)
- Explosive ordnance training for crime and terrorist scene investigators (post-blast analysis) - An inoperable vehicle (battery and fluids removed) will be destroyed by explosion of 500 pounds of ammonium nitrate per event, not to exceed eight (8) events per 12 month rolling period. Activity will be conducted on a secure range closed to public access on NAS Fallon. (6/25/03)
- Bently Nevada, LLC, potting ovens - electric-heated, components placed in potting cups or trays and potting compound manually poured into the cups or trays. Trays of components are then placed into the potting ovens for curing. (7/24/03)
- Bently Nevada, LLC, transducers-related ovens - used for curing small quantities of epoxy placed on wires, cables, and electrical leads. Average temperature of each oven is 135 to 150 degrees F. (7/24/03)
- Bently Nevada, LLC, plastic mold extruders - feeding of solid plastic beads which are melted and extruded into molds. The barrel of the extruder holds 2 pounds of plastic beads, which are heated to 700 degrees F. Mold temperature is 360 degrees F. (7/24/03)
- Bently Nevada, LLC, CNC lathes and mills, using water-based coolant and oil. (7/24/03)
- Bently Nevada, LLC, conformal coating - conformal coating is the process of spraying a dielectric material onto circuit boards or components. Curing takes places in a conformal coating machine. (7/24/03)
- Bently Nevada, LLC, solder paste application/surface mount/reflow oven - approximately 0.5 gram of solder paste is applied from a 700 gram hand-held tube to each printed circuit board, then a machine wipes the solder paste over the board through a stencil. Components are then surface mounted onto the printed circuit board with a pick and place machine. The surface mounted components are then joined to the printed circuit board inside an electric-powered reflow oven. (7/24/03)
- Bently Nevada, LLC, evaporator - dirty stencils that are used for solder paste application are soaked and cleaned in a bath of water and detergent (Smart Sonic brand). (7/24/03)



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- Nevada Cement Company, cooling tower, 300 gallon per minute capacity, with a maximum Total Dissolved Solids concentration of 500 ppm. (7/28/03)
- Newmont Mining Corporation, Lone Tree Mine, Process Cooling Tower (4 cells), NC7043, 3,006 gallons per minute, with a maximum Total Dissolved Solids concentration of 1,680 ppm. (9/4/03)
- Newmont Mining Corporation, Lone Tree Mine, Lube System Cooling Tower (1 cell), NC4001, 540 gallons per minute, with a maximum Total Dissolved Solids concentration of 1,100 ppm. (9/4/03)
- Newmont Mining Corporation, Lone Tree Mine, Oxygen Plant Cooling Tower, (2 cells), NC8012, 1,900 gallons per minute, with a maximum Total Dissolved Solids concentration of 1,480 ppm. (9/4/03)
- Department of the Air Force, Nellis Air Force Base, Nellis Test and Training Range, 17 fuel dispensing operations, designated as TTR1 through TTR12, FDS006 and FDS007, and FDS016 through FDS018. (10/10/03)
- Department of the Air Force, Nellis Air Force Base, Nellis Test and Training Range, 11 fuel loading operations, designated as FLD004 through FLD014. (10/10/03)
- Quebecor World, flexographic plate maker, using no more than 605 gallons per year of VOC product. (11/7/03)
- Quebecor World, five (5) evaporative cooling towers, with a combined water recirculation rate of 6,052 gallons per minute, and a maximum Total Dissolved Solids Concentration of 12,000 ppm. (11/7/03)
- Nevada Wood Preserving, cooling tower, 150 gallons per minute, with a maximum Total Dissolved Solids concentration of 24,000 ppm. (11/20/03)
- Queenstake Resources USA, Inc., three roaster cooling towers, 1,500 gallons per minute each, with a maximum Total Dissolved Solids concentration of 12,000 ppm. (12/9/03)
- Queenstake Resources USA, Inc., oxygen plant cooling tower, 2,699 gallons per minute, with a maximum Total Dissolved Solids concentration of 150 ppm. (12/9/03)
- Newmont Mining Corporation, Twin Creeks Mine, lube system cooling tower, 1,208 gallons per minute, with a maximum Total Dissolved Solids concentration of 2,170 ppm. (12/9/03)
- Newmont Mining Corporation, Twin Creeks Mine, laboratory sample reject bin, processing no more than 2 tons per hour. (12/9/03)
- Orica USA, Inc. prill transloading facility with two silos of 50,000 tons per year of throughput each located in Humboldt County, NV. Only one silo can operate at a time. (3/15/04)
- Queenstake Resources USA, Inc. portable concrete mixing plant located at the Jerritt Canyon Mine with a maximum throughput rate of 200 yd³ of concrete per hour and 60,000 yd³ of concrete per year. (5/28/04)
- Starbucks Coffee Company, Minden Facility, cooling tower, 125 gallons per minute, with a maximum Total Dissolved Solids concentration of 12,000 ppm (5/28/04)



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- Global West Industries, LLC feldspar/bentonite silo located in Lovelock, NV with a maximum throughput rate of 10 tons per hour (8/06/04)
- Barrick Goldstrike Mines, Inc., Temporary Shotcrete Plant; maximum shotcrete material throughput rate of 36 yd³ per hour and 13,140 yd³ per year (8/13/04)
- Queenstake Resources USA, Inc. laboratory assay furnaces located at the Jerritt Canyon Mine with a maximum throughput rate of 100 assays of flux and ore per hour. (12/14/04)
- Barrick Goldstrike Inc. Meikle & Autoclave cooling towers, and Autoclave acidulation tanks located at the Goldstrike Mine; TDS for each of the cooling towers is 2,000 ppm and the maximum throughput rate of sulfuric acid (H₂SO₄) for each of the acidulation tanks is 413.0 gallons per hour. (12/28/04)
- Nevada Wood Preserving, Baltimore Aircoil cooling tower, 150 gallons per minute, with a maximum Total Dissolved Solids concentration of 24,000 ppm. (5/18/05)
- Taiyo America, Inc. Argus Spray/Oven Unit, Model No. PC9324B/PC9624 (6/6/05)
- Robinson Nevada Mining Company, a by-product molybdenum plant as an adjunct to its copper processing facility at Ruth, Nevada (7/19/05)
- James Hardie Building Products, Inc. Additive 2 Production Unit - consists of one 8,800 gallon storage tank for non-VOC liquids; two 1,920 gallon mixing tanks with condensers; separation column/evaporator; one 8,800 gallon by-product tank; one 1,920 gallon product storage tank; one 500 gallon acid storage tank; one 2MMBtu/hr natural gas fired boiler. (7/19/05, Modified 10/12/05)
- Chromalloy Nevada. 50 Belts and booths processing 3 parts per hour each and 30 Unihone Grit Blast Cabinets undergoing 1 hopper change per day each (8/22/05).
- Nevada Department of Corrections – Northern Nevada Correctional Center. Wood Fuel Handling System for the Wood Fired Steam Boiler System. Wood Fuel Handling System consists of a submerged auger, flat bed conveyor, inclined conveyor, and fuel metering bin with a maximum process throughput of 2.375 tons of wood chips per hour.(1/25/06). Cooling Tower for Wood Fired Steam Boiler System. (1/18/06)