

BASIS OF BEARING

Nevada State Plane Coordinate System (Central Zone, NAD83, Feet) based on GPS observations of USGS benchmark "McGinness", which has coordinates published by the National Geodetic Survey.

State of Nevada ss. County of Washoe

I, Glen C. Armstrong, being first duly sworn, depose and say that site inspections have been made by me, or under my direct supervision and direction, between October 1st, 2010 and October 10th, 2010; that the location of each reference monument has been verified by site inspection; that the point of diversion and place of use sites have been inspected; that this map, consisting of one (1) sheet, inclusive, has been correctly drawn to the designated scale from surveying calculation notes prepared by me, or under my supervision and direction, relying upon analysis of recorded survey maps and other recorded surveying documents in the office of the Bureau of Land Management; that this map truly and correctly represents the proposed location and extent of the works used to divert water from underground sources, in Lander County, Nevada, by Ormat Nevada Inc., for industrial purposes; power plant cooling water, that the proposed point of diversion, the approximate location and size of the diverting channel or other conduit, all reservoirs or basins, the location and names of all other works which will cross or connect with the proposed works, and the boundary of all lands, showing by 40-acre subdivisions the areas proposed to be served, are fully and correctly designated thereon.

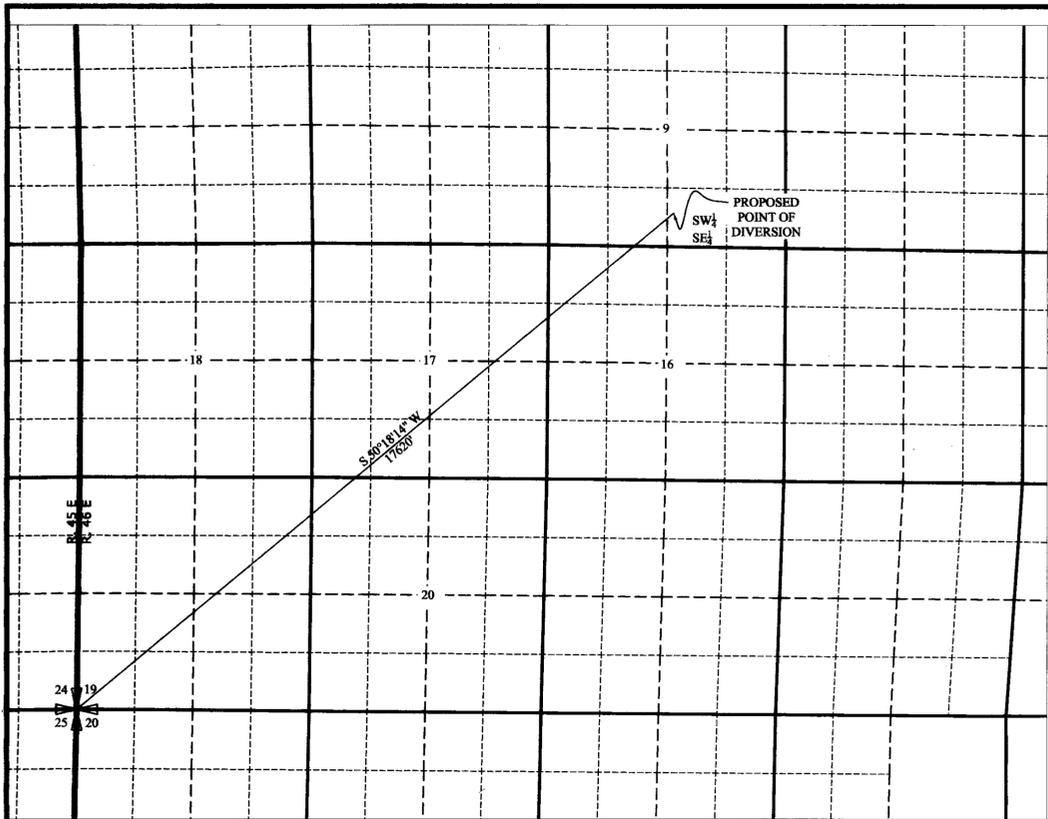


11-12-10

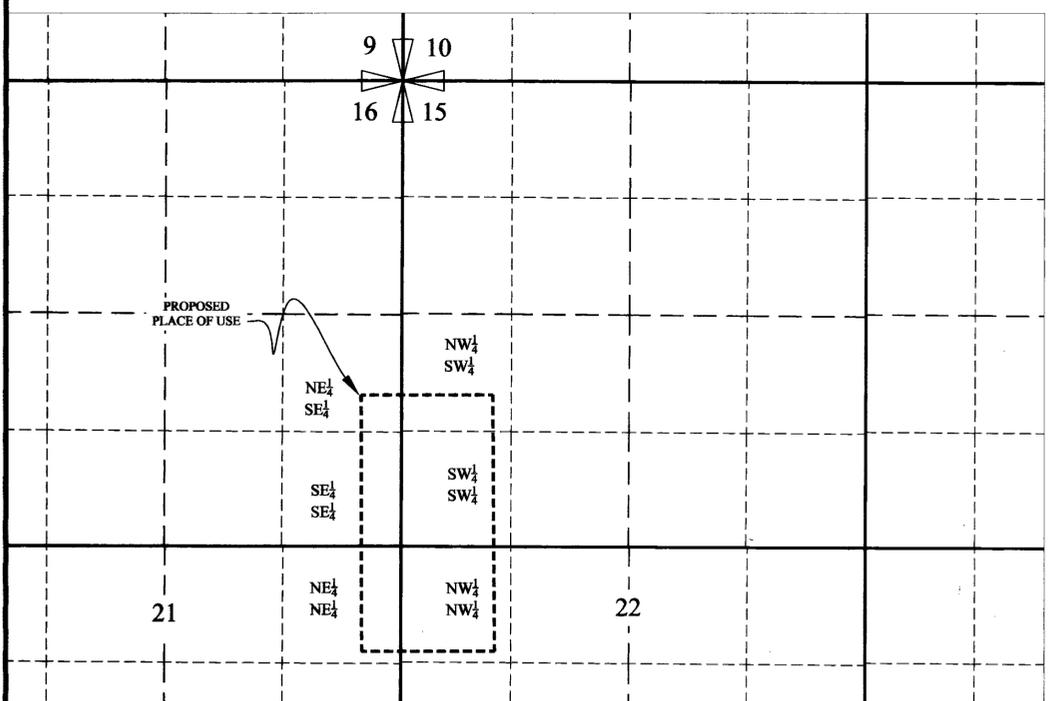
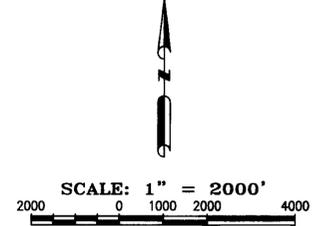
Glen C. Armstrong Professional Land Surveyor No. 16451 State Water Rights Surveyor No. 1140

Subscribed and sworn before me on this 12 day of November, 2010.

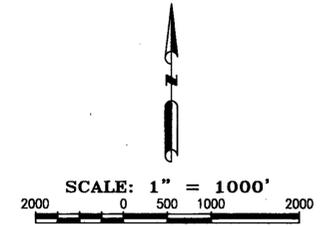
Notary Public in and for Carson City County, Nevada. My Commission Expires December, Twenty, 2010



PROPOSED POINT OF DIVERSION SW 1/4 SE 1/4, SECTION 9, T.21N., R.46E., M.D.M.



PROPOSED PLACE OF USE NE 1/4 SE 1/4 & SE 1/4 SE 1/4 OF SECTION 16, NW 1/4 SW 1/4 & SW 1/4 SW 1/4 OF SECTION 15, NW 1/4 NW 1/4 OF SECTION 22 & NE 1/4 NE 1/4 SECTION 21 T.20N., R.45E., M.D.M.



STATE ENGINEER'S USE
80300
FILED
NOV 15 2010
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY AN APPLICATION TO APPROPRIATE WATER FOR INDUSTRIAL PURPOSES; POWER PLANT COOLING WATER, BY ORMAT NEVADA INC., FROM AN UNDERGROUND WATER SOURCE IN LANDER COUNTY, NEVADA.



Electronic File Location: USGeomatics\163\McGinness Hills\dwg\McGinness Hills Water Rights Map.dwg