



NEVADA DIVISION OF
**ENVIRONMENTAL
PROTECTION**

STATE OF NEVADA
Department of Conservation & Natural Resources

Brian Sandoval, Governor
Leo M. Drozdoff, P.E., Director
Colleen Cripps, Ph.D., Administrator

May 6, 2015

Michael Rojo
Environmental Services, Supervisor
NV Energy
6226 W Sahara Ave M/S 30
Las Vegas, NV 89146

Re: **NV Energy (NVE)**
Reid Gardner Station (RGS)
NDEP Facility ID #H-000530
Nevada Division of Environmental Protection (NDEP) Comments and Concurrence with:
Proposed Geochemical Solids Sampling for Ponds 4C-1, Former Pond 4A, and Pond E-2

Dear Mr. Rojo:

The NDEP has received and reviewed NVE's letter titled *Proposed Geochemical Solids Sampling for Ponds 4C-1, Former Pond 4A, and Pond E-2*. The letter, dated May 5, 2015, was received by the NDEP via electronic mail on May 5, 2015.

The letter proposes the collection of additional pond solid samples from Pond 4C-1, Former Pond 4A, and Pond E-2. The purpose is to obtain additional data on the mineralogy and chemical composition of pond salts to support the geochemical conceptual site model (CSM).

The NDEP has the following comments to the letter:

1. The NDEP would like sulfate analyzed by EPA method 5056, in addition to being quantified by x-ray diffraction (XRD). The detection limits for sulfate using XRD are typically very high and may result in false negatives. Use of the standard laboratory method will provide data for sulfate in the event sulfate is not adequately detected by XRD.
2. Footnote 3 states that boron and fluoride are not quantified by the proposed method of x-ray fluorescence. As these elements are part of the list of indicator parameters being used to develop the CSM, they should also be included in this characterization effort using methods consistent with the revised methods proposed in the draft pond area work plans.

Please contact me with any questions or comments about this letter at (775) 687-9396 or aoakley@ndep.nv.gov

Sincerely,

Alison Oakley, CEM
Environmental Scientist III
Bureau of Corrective Actions
NDEP-Carson City Office

Mr. Mike Rojo
RGS – Proposed Geochem Solids Sampling
May 6, 2015
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