



NEVADA DIVISION OF
**ENVIRONMENTAL
PROTECTION**

STATE OF NEVADA
Department of Conservation & Natural Resources
Brian Sandoval, Governor
Leo M. Drozdoff, P.E., Director
David Emme, Administrator

May 9, 2016

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

Re: **NV Energy Reid Gardner Station**
NDEP Facility ID #H-000530
Nevada Division of Environmental Protection Review of:
Draft Pond PA-2 Data Validation Reports

Dear Mr. Rojo:

The Nevada Division of Environmental Protection (NDEP) has received and reviewed NV Energy's submittal of the *Draft Pond PA-2 Data Validation Reports* for sampling events conducted in May, July, and September 2015 (Report). The Report is dated March 30, 2016 and was received by the NDEP on April 21, 2016. The Report contains laboratory data and data validation reports associated with the PA-2 Groundwater and Soil Characterization Work Plan implementation. A review of the data validation reports produced by the third party data validation company was completed by Amy Goldberg Day with ARCADIS. Ms. Day's review is included in Attachment A. Ms. Day found no discrepancies the reports and agreed with the professional judgement used in generating the reports.

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

Attachments (1)
Attachment A – May 6, 2016 Data Validation Report Review Letter for Pond PA-2

Mr. Mike Rojo
PA-2 Groundwater and Soil Data Validation Review
May 9, 2016
Page 2 of 5

cc: Jeff Collins, Nevada Division of Environmental Protection (NDEP)
Scott Smale, Bureau of Corrective Actions, NDEP Carson City, ssmale@ndep.nv.gov
Todd Croft, Bureau of Corrective Actions, NDEP Las Vegas, tcroft@ndep.nv.gov
Bill Campbell, Tribal Liaison, NDEP, wcampbell@ndep.nv.gov
Joe Maez, Bureau of Water Pollution Control, NDEP, jmaez@ndep.nv.gov
Nikita Lingenfelter, Bureau of Water Pollution Control, NDEP, nlingenfelter@ndep.nv.gov
Ebrahim Juma, Clean Water Team (ejuma@cleanwaterteam.com)
Joe Leedy, Clean Water Team (jleedy@cleanwaterteam.com)
Lynn M. Cintron, Southern Nevada Health District, (cintron@snhdmail.org)
Jacqueline Reszetar, Director of Envi. Health, Southern Nevada Health District
reszetar@snhdmail.org
Brian Northam, Southern Nevada Health District, (northam@snhdmail.org)
Walter Ross, Environmental Health Supervisor/Engineer (Ross@snhdmail.org)
Andy Chaney, Southern Nevada Health District, (chaney@snhdmail.org)
Donna Houston, Southern Nevada Health District, (houston@snhdmail.org)
Starla Lacy, NV Energy (SLacy@nvenergy.com)
Don Hopper, NV Energy (DHopper@nvenergy.com)
Tony Garcia, NV Energy (TGarcia@nvenergy.com)
Michael Rojo, NV Energy (MRojo@nvenergy.com)
Jason Reed, NV Energy (JReed@nvenergy.com)
Matt Johns, NV Energy (MJohns@nvenergy.com)
Becky Svatos, Stanley Consultants, Inc., (SvatosBecky@stanleygroup.com)
William Carrig, Stanley Consultants, Inc., (CarrigBill@stanleygroup.com)
John Kivett, ARCADIS, (John.Kivett@arcadis.com)
Brad Cross, ARCADIS, (Brad.Cross@arcadis.com)
Ginger Somerville, ARCADIS, (Ginger.Somerville@arcadis.com)
Elliott Lips, Great Basin Earth Science, (elips@gbearthscience.com)
Andrea Issod, Sierra Club, (andrea.issod@sierraclub.org)
Robert Wiygul, Counsel Sierra Club and Moapa Band of Paiutes, (Robert@waltzerlaw.com)
Ranajit Sahu, Consultant, (sahuron@earthlink.com)

cc: Robert Tom, Moapa Band of Paiutes, Chairperson, P.O. Box 340, Moapa, NV 89025
Moapa Band of Paiutes, Environmental Director, P.O. Box 340, Moapa, NV 89025
Clark County Emergency Management, 500 S. Grand Central Parkway 6th Floor, P.O. Box
551713, Las Vegas, NV 89155-1713
Anitha Rednam, Department of Water Resources, 1416 9th Street, Room 1140, Sacramento CA
95814

Attachment A

Letter Review of Data Validation Reports for Pond PA-2 Groundwater and Soil Samples



ARCADIS U.S., Inc.
100 Smith Ranch Road, Suite 329
San Rafael,
California 94903
Tel 415 491-4530 x 19
www.arcadis-us.com

Alison Oakley, CEM
Bureau of Corrective Actions
Nevada Division of Environmental Protection
901 S. Stewart Street, Suite 4001
Carson City, Nevada 89701-5249

Environment

Subject:
**Review of Data Validation Reports
NV Energy**
Data Validation Reports for Pond PA-2 Soil and Water samples

Date:
May 6, 2016

Dear Ms. Oakley:

Contact:
Amy Goldberg Day

ARCADIS reviewed the data validation reports prepared by Ordway on behalf of Stanley Consultant for the Nevada Department of Energy RGS Site. Data validation reports were reviewed for the water, soil and solid data generated from the Pond PA-2 Soil and Groundwater Characterization Work Plan Implementation.

Phone:
415.491.4530 x19

The sampling events conducted for Pond PA-2 occurred in May, July, and September 2015. The reports were dated in June, October, November 2015 and March 2016.

Email:
Amy.GoldbergDay@Arcadis.com

ARCADIS reviewed the technical approach and professional judgment applied in performing the data validation. ARCADIS then evaluated the results based on the analytical chemistry data package provided by the laboratory.

The validator used the US EPA data validation guidance and analytical chemistry guidance documents as the foundation for the review. Data were evaluated for US EPA Level IIB and IV. Samples were analyzed for anions, metals, and wet chemistry parameters. A data validation report was prepared for each method per sampling day.

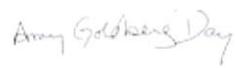
As with the reports for the other Ponds at the site reviewed earlier in 2016, these reports appeared to be streamlined as compared to the previous data validation reports. The report template appears to have been refined, but complete. Very few results were qualified. I agreed with the professional judgement used in generating the reports.

Imagine the result

Based on ARCADIS' review, Ordway appears to adhere to the SW-846 methodology. Similar to the latest round of reports, Ordway appeared to allow for professional judgment to be used in evaluating the analytical methodology and slight deviations from SW-846 that did not affect the analytical results were not used to qualify data.

If you have any questions regarding the data validation review, please feel free to contact me.

Sincerely,



Amy Goldberg Day
Principal Toxicologist

[ARCADIS N.A., Inc.](#) | 100 Smith Ranch Road, Suite 329 | San Rafael, California 94903
Direct 415 491-4530 Ext. 19 | Mobile 415 939-3412 | Fax 415 491-4532
www.arcadis.com

EC: John Kivett, ARCADIS