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JOHN DIMURO, D.O., MBA
Chief Medical Officer

**DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC AND BEHAVIORAL HEALTH
Bureau of Preparedness, Assurance, Inspections and Statistics**

Radiation Control Program
675 Fairview Drive, Suite 218
Carson City, Nevada 89701
Telephone: (775) 687-7550 · Fax: (775) 687-7552

August 15, 2016

MEMORANDUM

To: Beatty File

From: John Follette, Radiation Control Specialist

Subject: Beatty Inspection Summary 2nd Quarter Fiscal Year 2017 – August 11, 2016

The 2nd quarter inspection for fiscal year 2017 of the Beatty Low-Level Waste landfill (closed) was conducted on August 11, 2016 by John Follette, Jon Bakkedahl, and Ron Sheen. The radiological survey was performed by driving the BNC Model RD-120 GN (SN 120009) backpack in a grid across the cap to detect radiological anomalies. None were detected. Dose rate readings on the cap remain about twice background as read on the access road.

The two items described below from the last inspection conducted June 27, 2016 remained the same.

1. Runoff erosion noted on the west side of the site fence.
2. The cap surface becomes more uneven as repairs to the cap are made. The repair area between trenches 7 to 17 has low areas as well as mounded areas.

This inspection did not identify any new erosion sites or additional sodium hydroxides on the surface. The USGS was performing vegetation sampling on the cap during the inspection. Minor ground disturbing work (less than three feet below surface) was performed during root sampling on two bushes. The excavated soil, bush roots with soil, samples, backhoe, sample equipment, and the sampler's hands and feet were surveyed during and/or after the sampling activity. No elevated readings were observed. The survey meters included, a Fluke 451P, serial number 6218, calibration date April 18, 2016 and a Ludlum Model 2241-2, serial number 180099, calibration date April 14, 2016, with pancake probe model 44-9.

Contact: Jon Bakkedahl @ 775-687-7535, jbakkedahl@health.nv.gov or
John Follette at 702-486-3017, jfollette@health.nv.gov or
Cynthia Pacheco at 702-486-5212, cpacheco@health.nv.gov