

STATE OF NEVADA

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RICHARD WHITLEY, MS
Administrator

TRACEY D. GREEN, M.D.
State Health Officer

Department of Health and Human Services
DIVISION OF PUBLIC AND BEHAVIORAL HEALTH
Radiation Control Program
675 Fairview Drive, Suite 218
Carson City, Nevada 89701
Telephone: (775) 687-7550 · Fax: (775) 687-7552

April 3, 2014

MEMORANDUM

To: Beatty File

From: Jon Bakkedahl, Radiation Control Supervisor

Subject: Beatty Inspection Summary 3rd Quarter 2014

The 2nd quarter inspection for 2014 of the Beatty Low-Level Waste landfill (closed) was conducted on April 3, 2014. The radiological survey was performed by driving the Mobile ARIS detection truck and using the NUCSAFE backpack for comparison 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. Gamma spectroscopy identified only naturally occurring materials consistent with the native soil from which the cap is constructed.

John Follette of the RCP accompanied on this inspection and was fully briefed on what to observe and document so he may be able to help with any questions. USGS continues to maintain soil monitoring tubes that will be used for the spring environmental sampling campaign.

Settling that was observed last inspection has worsened, and it is significant and needs to be repaired, this subsidence is above trench 20 as noted on the attached drawing. In addition there are areas of the perimeter slope of the cap that are showing signs of erosion. Again those areas are noted on the attached page. There is some cracking beginning along what appears to be the wall of trench 17 and trench 20. Total distance is approximately 130 feet.

A request for bid should be prepared and a contract for repairs awarded in the near future to avoid conflict with the fiscal year end.

Contact: Jon Bakkedahl 775-687-7535 jbakkedahl@heath.nv.gov