

STATE OF NEVADA

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May 13, 2013

MEMORANDUM

To: Beatty File

From: Eric Matus, Radiation Control Supervisor

Subject: Beatty Inspection Summary April 24, 2013

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The quarterly inspection of the Beatty Low-Level Waste landfill (closed) was conducted on April 24, 2013. The radiological survey was performed by driving the Mobile ARIS detection truck in a grid across the cap to detect radiological anomalies. None were detected. This inspection is the first that the new sodium iodide spectroscopy and dose rate components were fully functional which allowed a measurement of dose rate in addition to the count rate function that was available in the past. Dose rate readings on the cap remain about twice background as always. The spectroscopy component identified only naturally occurring materials consistent with the native soil from which the cap is constructed.

The area of significant settling that was observed last inspection has not worsened, but 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.

I have been in touch with the site manager and discussed the potential for a repair. The RCP must wait until the fiscal year changes to pursue any expenditure, so after July 1, 2013 (State Fiscal Year 2014) a request for proposal will be prepared to complete this repair.

Contact: Eric Matus 775.315.7397 or [ematus@heath.nv.gov](mailto:ematus@heath.nv.gov)