

STATE OF NEVADA

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February 17, 2016

MEMORANDUM

To: Beatty File

From: John Follette, Radiation Control Specialist

Subject: Beatty Inspection Summary 3rd Quarter Fiscal Year 2016

The 3rd quarter inspection for fiscal year 2016 of the Beatty Low-Level Waste landfill (closed) was conducted on February 16, 2016 by John Follette and Karen Beckley. 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.

There were three items to note on the cap (picture attached):

1. Near Trench 3 there are some small animal holes, and a larger hole about 6 inches deep and 3' long that appears to be due to subsidence. We need to keep an eye on this location (see attached picture); and
2. Trench 14, has a section of large rocks by the cap that forms a depression where water can pool; and
3. Patches of white crust has formed on the surface around Trench 14. USEN stated that it was hydroxides that are seeping up to the surface. USEN has cleaned some patches before and they will clean the new areas within the next week.

USGS continues to maintain soil monitoring tubes that are used for the spring environmental sampling activities. None of the USGS soil monitoring tubes were removed or destroyed during the cap repair.

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