

STATE OF NEVADA

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December 31, 2015

MEMORANDUM

To: Beatty File

From: Jon Bakkedahl, Radiation Control Supervisor

Subject: Beatty Inspection Summary 2nd Quarter Fiscal Year 2016

The 2nd quarter inspection for fiscal year 2016 of the Beatty Low-Level Waste landfill (closed) was conducted on December 31, 2015. The radiological survey was performed by driving the BNC Model RD-120 GN (SN 120034) 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 two new areas of settling, and subsidence of the cap (pictures attached):

1. Trench 7 has a 36' long crack along its border with trench 14, midway down the trench; and
2. Trench 22 has a 24' x 33' spider crack creating a subsidence; there also appears to be gopher holes and lines along the area.

Repairs have been authorized and will be initiated by USEN within a 2 week period.

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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