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June 27, 2016

MEMORANDUM

To: Betty File

From: John Follette, Radiation Control Specialist *JF*

Subject: Betty Inspection Summary 1st Quarter Fiscal Year 2017 – June 27, 2016

The 1st quarter inspection for fiscal year 2017 of the Beatty Low-Level Waste landfill (closed) was conducted on June 27, 2016 by John Follette. Due to the July 4th holiday, the inspection was conducted early, during the last week of June. 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 April 18, 2016 have been corrected.

1. Trench 14, There is some minor areas of hydroxides that are seeping up to the surface.
2. Trench 17, has an erosion channel that is about 20 foot long and about 8 inches wide.

During this inspection, the following items were noted:

1. Runoff erosion was noted on the west side of the site fence. See pictures 1-4.
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. See pictures 5-10.

The lock to the site needs to be replaced or serviced. The key became stuck inside the lock and it took several minutes to remove it.

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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P1



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