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August 21, 2019

MEMORANDUM

To: Beatty File
From: John Follette, Radiation Control Specialist
Subject: Beatty Inspection Summary August 20, 2019

An inspection of the Beatty Low-Level Radioactive Waste landfill (closed) was conducted on August 20, 2019 by John Follette. The radiological survey was performed by driving the BNC Model SAMpack-120 (BSN 120064) backpack around the site boundary access road and in a grid pattern across the cap to detect radiological anomalies. None were detected. Dose rate readings on the cap remain about twice background*, as measured at the background location.

Status of Previous Inspection Items:

The markers for the trenches are not in place on the cap. They are still stacked off to the side of the cap, inside of the fenced area.

Radiological Postings Adequate:

All of the postings along the fence are adequate. However, we may want to add additional radiological postings to the new gate.

Site Observations:

Radiological Postings Adequate:

All of the postings along the fence are adequate. However, we may want to add additional radiological postings to the new gate.

Site Boundary Fence Undamaged and Gate(s) Locked: Yes

Site Boundary, Access Road, and Buffer Areas Maintained: Yes



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January 14, 2020

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Rain Since Last Inspection:

May – 0.36”, June – 0.37”, July - 0.00”, and August – 0.08” as of August 20, 2019.

Erosion, Fissures, Water Pooling, or Subsidence Concerns:

No concerns identified.

Radiation Survey Results:

Instrument: BNC Model SAMpack-120 (BSN 120064) Calibration date: Daily by self-calibration

Background Location: Between US 95 and the site, at the south-east side of the site entrance gate.

Background measurement: 15-22 urem/hr

Value used for twice background: 44 urem/hr

Site Boundary Highest Measurement: Within twice background*

Cap Highest Measurement: Within twice background*

*If sustained radiation measurements are above twice background, record the measurement and identify the location. Otherwise, indicate all measurements were within twice background.

For any reading above 0.5 mrem/hr contact a supervisor or the State of Nevada Radiation Control Program Manager. (Site Stabilization and Closure Plan Closure Plan for Low-Level Radioactive Waste Management Facility US Ecology, Inc. Beatty, Nevada, submittal date December 1988.)

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