

STATE OF NEVADA

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**Department of Health and Human Services**  
**DIVISION OF PUBLIC AND BEHAVIORAL HEALTH**  
Radiation Control Program  
675 Fairview Drive, Suite 218  
Carson City, Nevada 89701  
Telephone: (775) 687-7550 · Fax: (775) 687-7552

September 25, 2014

MEMORANDUM

To: Beatty File

From: John Follette, Radiation Control Specialist

Subject: Beatty Inspection Summary 1<sup>st</sup> Quarter Fiscal Year 2015

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The 1<sup>st</sup> quarter inspection for fiscal year 2015 of the Beatty Low-Level Waste landfill (closed) was conducted on September 25, 2014. The radiological survey was performed by driving the NUCSAFE backpack and the BNC Model RD-120 GN (SN 120008) 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 erosion, settling, and subsidence of the cap has increased due to rain since the previous inspection. The request for a bid to repair the cap has been approved and work is expected to start October 6, 2014.

USGS continues to maintain soil monitoring tubes that are used for the spring environmental sampling activities. The USGA has been notified about work to repair the cap.

Contact: John Follette 702-486-3017, [jfollette@health.nv.gov](mailto:jfollette@health.nv.gov)

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US Ecology Nevada, Inc.  
P.O. Box 578  
Beatty, NV 89003

Facility (800) 239-3943  
(775) 553-2203  
Fax: (775) 553-2942  
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May 22, 2014

Mr. Jon Bakkedahl  
Radiation Control Supervisor  
Nevada State Health Division  
Radiation Control Program  
675 Fairview Drive, Suite 218  
Carson City, NV 89701

Subject: April 17, 2014 Request for Proposal – Beatty LLRW Cell Cap Erosion Repair

Dear Mr. Bakkedahl,

In accordance with your email dated April 17, 2014, US Ecology Nevada (USEN) is pleased to provide this proposal to perform cap maintenance tasks at the closed State of Nevada owned Low-Level Radioactive Waste (LLRW) Disposal Facility located near Beatty, Nevada. The total projected cost associated with the requested task items is \$246,766 (Two hundred forty-six thousand, seven hundred sixty-six dollars). We anticipate that we can complete the project tasks within 90 days of notice to proceed.

Thank you for the opportunity to assist you with this project. If you have any questions or require any additional information regarding this proposal, please contact me at (800) 239-3943 extension 104 or by email at [bmarchand@usecology.com](mailto:bmarchand@usecology.com).

Sincerely,

Robert L. Marchand  
General Manager

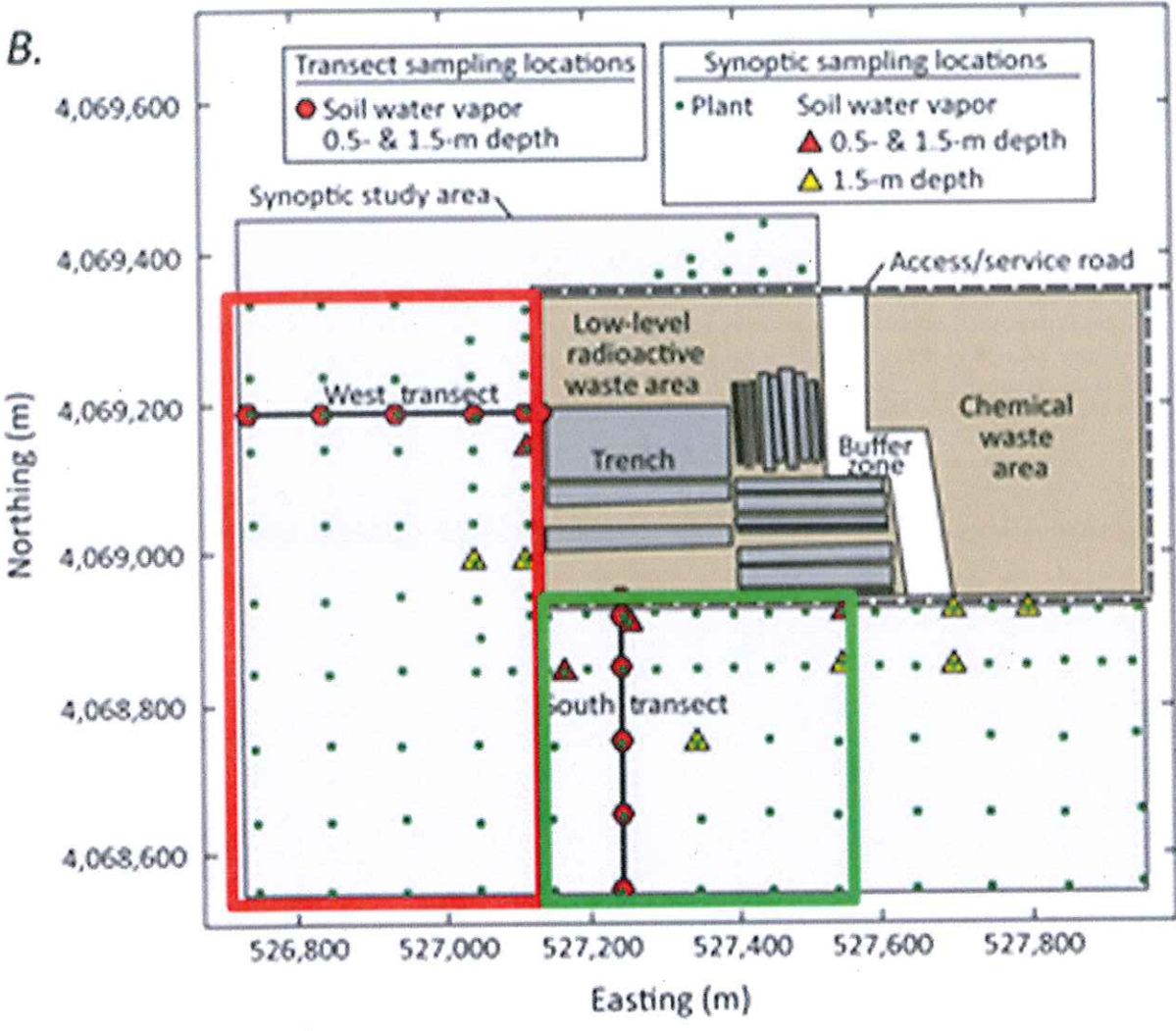
Attachment (1)

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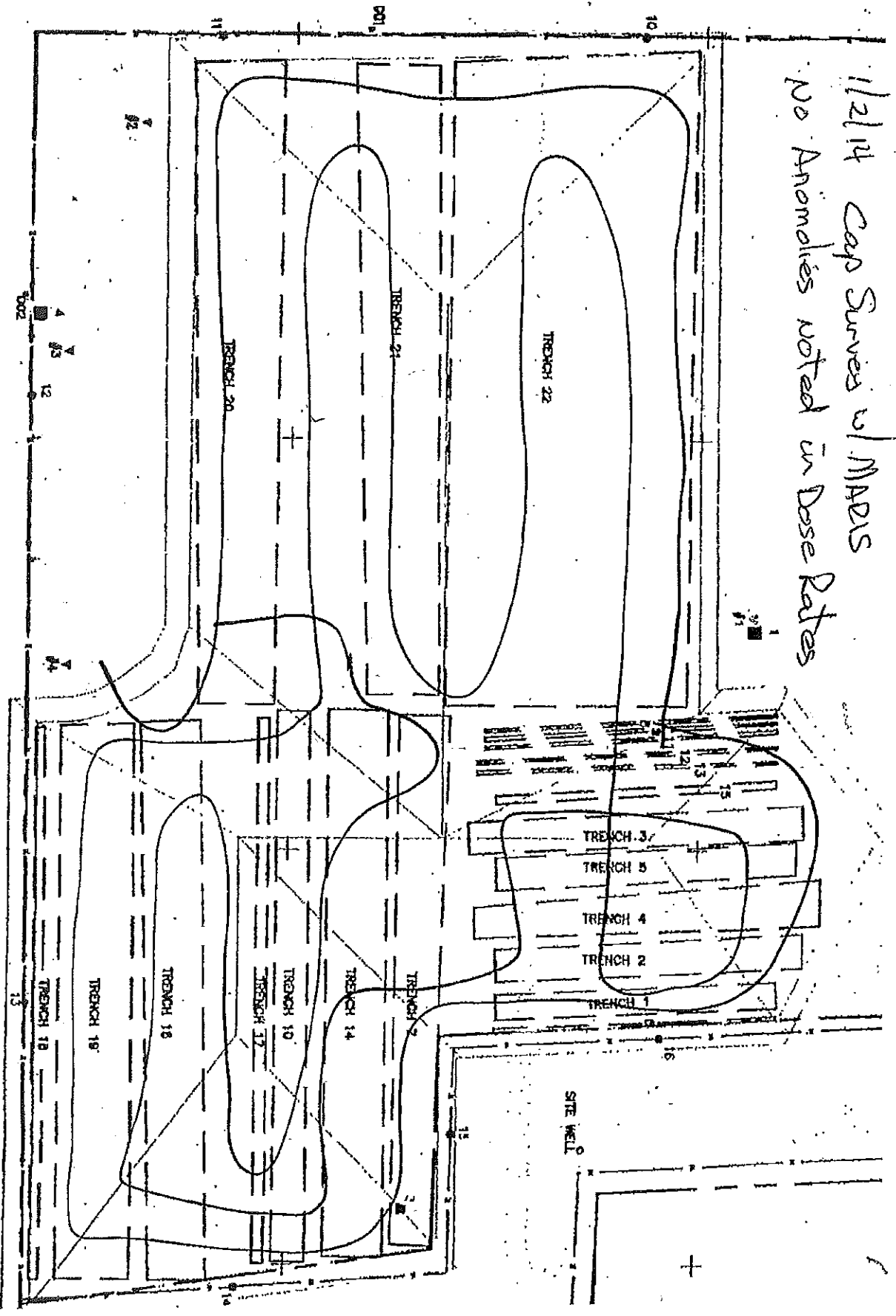
# LLRW Cap Maintenance Proposal May 22, 2014

Item	Task	Units (Tons)	Price Per Ton	Estimated Hours	Hourly Rate	Estimated Total
Riprap	Purchase prepared riprap (4,993 tons required to fill 2,514 linear feet)	4,993	\$ 36.00			\$ 179,748
Excavator	Prepare riprap placement areas			116	\$ 82.53	\$ 9,594
Water Wagon	Dust Control			162	\$ 44.00	\$ 7,128
Wheel Loader	Fill haul truck			168	\$ 41.00	\$ 6,876
Haul Truck	Haul riprap and removed soil			149	\$ 43.74	\$ 6,502
Motor Grader	Repair Trench Caps as Directed by NDHS			10	\$ 82.53	\$ 825
Labor - Supervisor	Project Supervisor			305	\$ 47.29	\$ 14,424
Labor - Operator	Equipment Operator			305	\$ 35.52	\$ 10,834
Labor - Operator	Equipment Operator			305	\$ 35.52	\$ 10,834
<b>Total Estimated</b>						<b>\$ 246,766</b>
Item	Task	Units (Tons)	Price Per Ton	Actual Hours	Hourly Rate	Actual Total
Riprap	Screen site soil for riprap (2,058 tons required to fill 1,235 linear feet)		\$ 36.00			\$ -
Excavator	Prepare riprap placement areas				\$ 82.53	\$ -
Water Wagon	Dust Control				\$ 44.00	\$ -
Wheel Loader	Fill haul truck				\$ 41.00	\$ -
Haul Truck	Haul riprap and removed soil				\$ 43.74	\$ -
Motor Grader	Repair Trench Caps as Directed by NDHS				\$ 82.53	\$ -
Labor - Supervisor	Project Supervisor				\$ 47.29	\$ -
Labor - Operator	Equipment Operator				\$ 35.52	\$ -
<b>Total Actual</b>						<b>\$ -</b>

B.



1/2/14 Cap Survey w/ MARDIS  
No Anomalies noted in Dose Rates



LEGEND

— LIMITS OF COMPLETED TRENCH

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