

Bonano, Eugenio

From: Evers, William C. <everswc@westinghouse.com>
Sent: Wednesday, April 29, 2015 4:05 PM
To: Bonano, Eugenio
Cc: Pallagi, Kenneth E.
Subject: Sample Information from LSA 10-14

Gene-

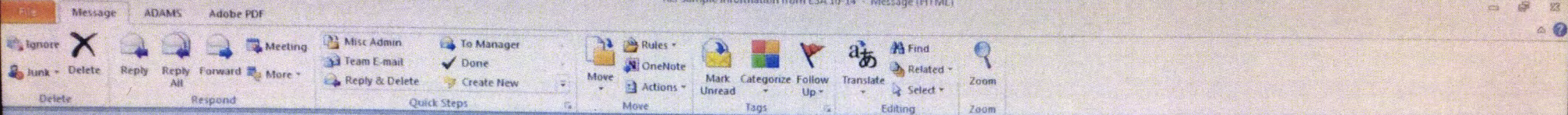
I wanted to let you know that in reference to the sample you pulled from LSA 10-14, Sample HEM-15-1-30, after Permafix completed their investigation of the area we pulled a sample for on-site analysis. The sample result came back with a SOF of 2.2 mostly due to Uranium.

We evaluated our options (bounding the sample vs remediating) and decided that remediating was the best path forward for us for this particular survey unit. After remediation, Permafix stepped in to re-survey the area and confirm the removal of the elevated count rates.

This process will be documented in the FSS report for this survey unit. And since we chose removal over bounding, no additional sampling will be performed at this time. Since I am sure that you will see a similar result from the sample you pulled, I wanted to let you know our path forward in this area. Please let me know if you have any questions.

W. Clark Evers, RRPT
Radiation Safety Officer
Hematite Decommissioning Project
Office: (314) 810-3336

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From: Evers, William C. <everswc@westinghouse.com>
 To: Bonano, Eugenio
 Cc: Pallagi, Kenneth E.
 Subject: RE: Sample Information from LSA 10-14

Sent: Wed 06/03/2015 11:23 AM

Gene

Ken informed me that you called with a question the elevated area that was identified in LSA 10-14. After removal of the elevated area our FSS contractor performed a follow up GWS of the area and collected a biased soil sample. This process will be discussed in the LSA 10-14 release record. The sample SOF is 0.3 of the Uniform DCGL. Here is the biased sample result pulled from the FSS data table:

Sample ID	Sample Depth (ft)	Type (Systematic, Bias, QC)	TestAmerica Analytical Results																								Enr.	SOF _u					
			Ra-226						Tc-99					Th-232					Inferred U-234				U-235						U-238				
			Result	Uncertainty	MDC	Qualifier	Net Result ^u	Corrected Result	Result	Corrected Result	Uncertainty	MDC	Qualifier	Result	Uncertainty	MDC	Qualifier	Net Result ^u	Corrected Result	Result	Uncertainty	MDC	Qualifier	Result	Uncertainty	MDC			Qualifier	Result	Uncertainty	MDC	Qualifier
L10-14-10-B-E-B-00	11.19	B	1.250	0.172	0.073	NA	0.180	0.180	0.011	0.011	0.041	0.243	U	1.050	0.165	0.086	NA	0.050	0.050	28.580	NA	NA	NA	1.470	0.285	0.290	NA	1.200	0.521	0.801	NA	16.0	0.30

Please let me know if you have any questions.

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Evers, William C.



Bonano, Eugenio



Pallagi, Kenneth E.

11:07 AM
06/03/2015

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30287G

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Sample ID	Sample Depth (ft)	Systematic Bias Type (C)	TestAmerica Analytical Results																										Enr.	SOF _u						
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14-10-B-E-4	11.19	B	1.25	0.172	0.073	NA	0.18	0.18	0.011	0.011	0.041	0.243	U	1.05	0.165	0.086	NA	0.05	0.05	28.58	NA	NA	NA	1.47	0.285	0.29	NA	1.2	0.521	0.801	NA	16	0.3			

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