



Westinghouse Electric Company
Hematite Decommissioning Project
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U.S. Nuclear Regulatory Commission - Region III
Attn: Eugene Bonano, NRC Region III/DNMS/DB
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Our ref: HEM-08-78
Date: August 8, 2008

Subject: Request for Radiochemistry Data and Figure Illustrating the Sampling Locations
During NRC Inspection IR-070-00036/08-001

Dear Mr. Bonano,

As requested during the NRC Inspection (IR-070-00036/08-001) of the Westinghouse Electric Company (WEC) Hematite Decommissioning Project, I am enclosing a tabular summary of the radiochemistry data, and figures illustrating the locations of the soil samples collected within the proposed rail spur area.

This information is provided to enable ORISE to select samples for subsequent radiochemistry analysis, and to support evaluation of the adequacy of the WEC survey and sampling activities. Upon selection of samples, WEC can arrange shipment to the specified laboratory, and provide you with a copy of the associated chain of custody record.

Please do not hesitate to contact Gerry Rood of my staff at 314-810-3382 in the event that you have questions, or need any additional information.

Sincerely,

A handwritten signature in dark ink, appearing to read 'E. Kurt Hackmann', with a long horizontal line extending to the right.

E. Kurt Hackmann
Director, Hematite Decommissioning Project

Attachments

1. Analytical Data for Samples Collected From the Proposed Rail Spur
2. SU1 Sample Locations for Proposed Rail Spur
3. SU2 Sample Locations for Proposed Rail Spur

cc: J. J. Hayes, NRC/FSME/DWMEP/DURLD
G. M. McCann, NRC Region III/DNMS/DB
C. Lipa, NRC Region III/DNMS/DB
R. Tadesse, NRC/FSME/DWMEP/DURLD

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ANALYTICAL DATA
FOR
SAMPLES COLLECTED FROM THE PROPOSED RAIL SPUR

Attachment 1
Westinghouse Decommissioning Project
Analytical Data for Samples Collected From Proposed Rail Spur

Survey Unit 1 Page 1 of 2	Ac-228	Am-241	Pa-231	Pa-234M	Ra-226	Tc-99	Th-232	Th-234	U-234	U-235	U-238 (Th-234)
Sample ID											
FS-19-1-SYS-1-SO-1	0.7	0.0	0.2	1.0	0.6	0.8	0.7	0.5	N/A	0.1	0.5
FS-19-1-SYS-1-SO-2	1.1	0.0	0.1	2.0	0.9	-0.1	1.1	1.4	N/A	0.1	1.4
FS-19-1-SYS-1-SO-3	1.2	0.0	0.2	-0.2	1.2	0.3	1.2	1.7	N/A	0.1	1.7
FS-19-1-SYS-2-SO-1	0.7	0.0	0.0	1.2	0.7	3.0	0.7	0.6	N/A	0.1	0.6
FS-19-1-SYS-2-SO-2	1.1	0.0	0.0	1.2	1.2	0.3	1.1	1.6	N/A	0.1	1.6
FS-19-1-SYS-2-SO-3	1.0	0.0	0.0	2.9	1.0	1.1	1.0	2.5	N/A	0.1	2.5
FS-19-1-SYS-3-SO-1	0.5	0.0	0.1	2.7	0.9	17.1	0.5	1.2	N/A	0.1	1.2
FS-19-1-SYS-3-SO-2	1.2	0.0	0.0	3.7	1.1	0.4	1.2	1.3	N/A	0.1	1.3
FS-19-1-SYS-3-SO-3	1.2	0.0	0.0	3.5	1.1	0.4	1.2	1.9	N/A	0.1	1.9
FS-19-1-SYS-4-SO-1	0.9	0.0	0.0	0.9	0.9	24.4	0.9	2.5	N/A	0.5	2.5
FS-19-1-SYS-4-SO-2	0.9	0.0	0.0	1.6	1.1	5.9	0.9	1.6	N/A	0.1	1.6
FS-19-1-SYS-4-SO-3	1.1	0.0	0.5	3.7	1.2	1.8	1.1	1.1	N/A	0.1	1.1
FS-19-1-SYS-5-SO-1	0.5	0.0	0.0	1.0	0.5	11.9	0.5	0.9	N/A	0.1	0.9
FS-19-1-SYS-5-SO-2	1.2	0.0	0.0	5.7	1.1	3.8	1.2	1.8	N/A	0.1	1.8
FS-19-1-SYS-5-SO-3	1.3	0.0	0.0	1.2	1.0	1.2	1.3	1.7	N/A	0.1	1.7
FS-19-1-SYS-6-SO-1	1.2	0.0	0.2	2.6	1.0	34.0	1.2	3.4	N/A	1.0	3.4
FS-19-1-SYS-6-SO-2	1.1	0.0	0.0	0.5	1.1	6.0	1.1	1.5	N/A	0.1	1.5
FS-19-1-SYS-6-SO-3	1.2	0.0	0.0	5.7	1.1	2.6	1.2	1.1	N/A	0.1	1.1
FS-19-1-SYS-7-SO-1	0.4	0.0	0.0	1.1	0.6	16.6	0.4	0.6	N/A	0.1	0.6
FS-19-1-SYS-7-SO-2	1.4	0.0	0.0	0.4	1.2	1.2	1.4	2.1	N/A	0.1	2.1
FS-19-1-SYS-7-SO-3	1.1	0.0	0.4	0.0	1.1	0.3	1.1	1.7	N/A	0.1	1.7
FS-19-1-SYS-8-SO-1	0.6	0.0	0.0	1.1	0.8	2.2	0.6	2.1	N/A	0.1	2.1
FS-19-1-SYS-8-SO-2	1.1	0.0	0.0	2.3	1.1	0.5	1.1	1.4	N/A	0.1	1.4
FS-19-1-SYS-8-SO-3	1.3	0.0	0.4	2.1	1.2	1.2	1.3	1.7	N/A	0.0	1.7
FS-19-1-SYS-9-SO-1	0.6	0.0	0.1	3.7	0.7	2.9	0.6	1.3	N/A	0.1	1.3
FS-19-1-SYS-9-SO-2	0.9	0.0	0.0	3.8	1.0	0.9	0.9	1.1	N/A	0.1	1.1
FS-19-1-SYS-9-SO-3	1.1	0.0	0.0	1.9	1.0	0.0	1.1	1.1	N/A	0.1	1.1
FS-19-1-SYS-10-SO-1	1.0	0.0	0.1	2.3	0.9	1.3	1.0	1.2	N/A	0.3	1.2
FS-19-1-SYS-10-SO-2	1.2	0.0	0.0	6.4	1.3	1.2	1.2	1.6	N/A	0.1	1.6
FS-19-1-SYS-10-SO-3	1.2	0.0	0.0	3.1	1.1	0.7	1.2	1.8	N/A	0.0	1.8
FS-19-1-SYS-11-SO-1	0.4	0.0	0.0	1.8	0.8	3.9	0.4	1.4	N/A	0.1	1.4
FS-19-1-SYS-11-SO-2	1.1	0.0	0.5	-0.2	1.0	0.4	1.1	1.4	N/A	0.1	1.4
FS-19-1-SYS-11-SO-3	1.0	0.1	0.0	0.2	1.0	-0.1	1.0	1.6	N/A	0.1	1.6
FS-19-1-SYS-12-SO-1	0.9	0.0	0.3	10.1	0.9	27.0	0.9	8.0	N/A	2.1	8.0
FS-19-1-SYS-12-SO-2	1.2	0.0	0.0	1.5	1.2	3.0	1.2	2.3	N/A	0.3	2.3
FS-19-1-SYS-12-SO-3	1.1	0.0	0.0	0.0	1.1	49.5	1.1	2.0	N/A	0.1	2.0
FS-19-1-SYS-13-SO-1	0.7	0.0	0.0	5.0	0.9	32.8	0.7	5.8	N/A	1.7	5.8
FS-19-1-SYS-13-SO-2	1.2	0.0	0.0	2.5	1.1	1.6	1.2	1.4	N/A	0.2	1.4
FS-19-1-SYS-13-SO-3	1.1	0.0	0.0	0.0	1.0	0.6	1.1	0.9	N/A	0.1	0.9
FS-19-1-SYS-14-SO-1	0.8	0.0	0.3	1.5	0.8	1.8	0.8	1.4	N/A	0.1	1.4
FS-19-1-SYS-14-SO-2	1.1	0.0	0.0	0.6	1.1	0.5	1.1	1.6	N/A	0.1	1.6
FS-19-1-SYS-14-SO-3	1.1	0.0	0.3	5.7	1.1	0.3	1.1	1.9	N/A	0.0	1.9
FS-19-1-SYS-15-SO-1	0.6	0.0	0.0	1.2	0.7	0.7	0.6	1.1	2.8	0.1	1.1
FS-19-1-SYS-15-SO-2	0.7	0.0	0.0	3.4	0.8	-0.4	0.7	1.1	1.1	0.1	1.1
FS-19-1-SYS-15-SO-3	1.1	0.0	0.0	0.0	1.1	-0.1	1.1	1.4	1.7	0.1	1.4
FS-19-1-SYS-16-SO-1	0.5	-0.1	0.0	14.8	0.9	21.2	0.5	17.7	N/A	5.5	17.7
FS-19-1-SYS-16-SO-2	1.1	0.0	0.0	4.7	1.1	3.8	1.1	2.8	N/A	0.7	2.8
FS-19-1-SYS-16-SO-3	1.1	0.0	0.0	0.8	1.1	0.4	1.1	0.8	N/A	0.1	0.8
FS-19-1-SYS-17-SO-1	0.5	0.0	0.0	1.4	0.6	4.6	0.5	2.0	N/A	0.4	2.0
FS-19-1-SYS-17-SO-2	1.2	0.0	0.3	2.7	0.8	1.1	1.2	1.5	N/A	0.1	1.5
FS-19-1-SYS-17-SO-3	1.0	0.0	0.0	3.1	1.0	0.4	1.0	2.1	N/A	0.1	2.1
FS-19-1-SYS-18-SO-1	0.9	0.0	0.0	2.2	0.8	4.0	0.9	1.3	N/A	0.3	1.3
FS-19-1-SYS-18-SO-2	1.1	0.0	0.0	2.7	0.9	0.3	1.1	1.2	N/A	0.1	1.2
FS-19-1-SYS-18-SO-3	1.2	0.0	0.3	2.1	1.1	0.1	1.2	1.2	N/A	0.0	1.2
FS-19-1-SYS-19-SO-1	0.2	0.0	0.0	1.5	0.4	13.1	0.2	1.8	15.1	0.5	1.8
FS-19-1-SYS-19-SO-2	1.0	0.0	0.0	5.5	0.9	0.3	1.0	2.1	4.9	0.2	2.1

Attachment 1
Westinghouse Decommissioning Project
Analytical Data for Samples Collected From Proposed Rail Spur

Survey Unit 1 Page 2 of 2	Ac-228	Am-241	Pa-231	Pa-234M	Ra-226	Tc-99	Th-232	Th-234	U-234	U-235	U-238 (Th-234)
Sample ID											
FS-19-1-SYS-19-SO-3	1.2	0.0	0.0	4.9	0.9	3.7	1.2	2.0	1.5	0.1	2.0
FS-19-1-SYS-20-SO-1	0.6	0.0	0.2	2.2	0.7	9.7	0.6	1.7	N/A	0.4	1.7
FS-19-1-SYS-20-SO-2	1.2	0.0	0.5	-0.2	0.9	3.1	1.2	2.5	N/A	0.6	2.5
FS-19-1-SYS-20-SO-3	1.6	0.0	0.0	2.3	1.2	0.0	1.6	1.2	N/A	0.2	1.2
FS-19-1-SYS-21-SO-1	0.6	0.0	0.3	-0.1	0.7	2.1	0.6	1.2	N/A	0.1	1.2
FS-19-1-SYS-21-SO-2	1.1	0.0	0.0	1.0	0.9	-0.1	1.1	1.8	N/A	0.0	1.8
FS-19-1-SYS-21-SO-3	1.0	0.0	0.4	5.6	0.7	0.0	1.0	1.4	N/A	0.1	1.4
FS-19-1-SYS-22-SO-1	0.6	0.0	0.0	1.2	0.7	3.0	0.6	0.4	N/A	0.1	0.4
FS-19-1-SYS-22-SO-2	1.0	0.0	0.0	2.3	0.8	0.1	1.0	1.4	N/A	0.1	1.4
FS-19-1-SYS-22-SO-3	1.2	0.0	0.4	2.2	0.9	-0.1	1.2	1.9	N/A	0.1	1.9
FS-19-1-BIA-1-SO-1	1.0	0.0	0.0	29.5	1.0	34.6	1.0	28.7	193.0	7.5	28.7
FS-19-1-BIA-1-SO-2	1.1	0.0	0.0	1.8	1.0	1.8	1.1	1.8	10.5	0.4	1.8
FS-19-1-BIA-1-SO-3	1.0	0.0	0.0	2.4	1.1	0.4	1.0	2.1	1.3	0.1	2.1
FS-19-1-BIA-2-SO-1	1.0	0.0	0.0	24.3	1.0	11.5	1.0	18.5	67.0	5.8	18.5
FS-19-1-BIA-2-SO-2	0.9	0.0	0.1	0.6	1.0	0.9	0.9	1.1	4.0	0.2	1.1
FS-19-1-BIA-2-SO-3	1.0	0.0	0.0	2.2	1.0	1.4	1.0	1.4	1.0	0.1	1.4
FS-19-1-BIA-3-SO-1	5.6	-0.1	0.0	613.0	0.6	82.0	5.6	464.0	4070.0	213.0	464.0
FS-19-1-BIA-3-SO-2	1.0	0.0	0.0	5.4	0.9	0.9	1.0	4.7	42.6	1.0	4.7
FS-19-1-BIA-3-SO-3	1.3	0.0	0.0	0.1	1.1	0.5	1.3	2.7	8.1	0.6	2.7
FS-19-1-BIA-4-SO-1	0.5	0.0	0.0	37.3	0.6	33.2	0.5	30.2	230.0	7.1	30.2
FS-19-1-BIA-4-SO-2	1.1	0.0	0.2	0.0	1.0	2.5	1.1	2.6	10.9	0.3	2.6
FS-19-1-BIA-4-SO-3	1.3	0.0	0.1	0.0	1.1	0.6	1.3	2.8	1.5	0.1	2.8
FS-19-1-BIA-5-SO-1	3.9	-0.1	0.0	85.3	0.8	31.7	3.9	66.0	1320.0	27.9	66.0
FS-19-1-BIA-5-SO-2	1.2	0.0	0.4	5.5	1.0	1.0	1.2	4.6	36.6	1.2	4.6
FS-19-1-BIA-5-SO-3	1.2	0.0	0.1	1.0	1.1	1.2	1.2	0.8	2.4	0.1	0.8

NOTES:

- Results reported in units of pico-Curies per gram (pCi/g)
- N/A = Not analyzed by alpha spectroscopy
- Encrypted Information for Sample Identification:
 - FS= Final Status Survey (supporting data for potential future use in this instance)
 - 19= Area of Concern
 - 1 or 2= Survey Package Number
 - SYS 1 - 22= Systematic Sampling Location
 - BIA 1 - 5 (SU1 only)= Biased Sampling Location
 - SO= Soil matrix
 - 1, 2, or 3= Depth Below Surface: 1 = 0.0-0.15m / 2 = 0.15-1.5m / 3 = >1.5m

Attachment 1
Westinghouse Decommissioning Project
Analytical Data for Samples Collected From Proposed Rail Spur

Survey Unit 2 Page 1 of 2	Ac-228	Am-241	Pa-231	Pa-234M	Ra-226	Tc-99	Th-232	Th-234	U-234	U-235	U-238 (Th-234)
Sample ID											
FS-19-2-SYS-01-SO-1	1.3	0.0	0.3	-0.4	1.1	0.2	1.3	1.9	N/A	0.1	1.9
FS-19-2-SYS-01-SO-2	1.2	0.0	0.0	2.2	0.9	-0.1	1.2	1.2	N/A	0.1	1.2
FS-19-2-SYS-01-SO-3	1.0	0.0	0.0	0.9	1.0	0.1	1.0	0.9	N/A	0.1	0.9
FS-19-2-SYS-02-SO-1	1.0	0.0	0.0	2.2	1.0	0.4	1.0	1.4	N/A	0.1	1.4
FS-19-2-SYS-02-SO-2	1.3	0.0	0.0	1.5	1.1	0.1	1.3	1.0	N/A	0.1	1.0
FS-19-2-SYS-02-SO-3	0.8	0.0	0.6	2.4	0.9	0.1	0.8	1.3	N/A	0.1	1.3
FS-19-2-SYS-03-SO-1	1.0	0.0	0.3	0.9	1.0	-0.1	1.0	1.4	N/A	0.1	1.4
FS-19-2-SYS-03-SO-2	1.1	0.0	0.1	-0.2	1.2	0.0	1.1	1.8	N/A	0.1	1.8
FS-19-2-SYS-03-SO-3	1.0	0.0	0.0	0.8	0.9	0.0	1.0	1.6	N/A	0.0	1.6
FS-19-2-SYS-04-SO-1	0.9	0.0	0.3	3.3	1.1	0.3	0.9	1.6	N/A	0.1	1.6
FS-19-2-SYS-04-SO-2	1.3	0.0	0.3	0.5	1.0	0.1	1.3	2.2	N/A	0.1	2.2
FS-19-2-SYS-04-SO-3	0.9	0.0	0.0	2.3	1.0	0.1	0.9	1.8	N/A	0.0	1.8
FS-19-2-SYS-05-SO-1	1.2	0.0	0.0	0.7	1.0	0.1	1.2	1.7	N/A	0.1	1.7
FS-19-2-SYS-05-SO-2	1.1	0.0	0.3	-0.3	1.1	0.1	1.1	2.0	N/A	0.1	2.0
FS-19-2-SYS-05-SO-3	1.2	0.0	0.0	1.7	1.1	-0.2	1.2	1.6	N/A	-0.1	1.6
FS-19-2-SYS-06-SO-1	0.7	0.0	0.1	0.0	0.9	0.1	0.7	1.4	N/A	0.1	1.4
FS-19-2-SYS-06-SO-2	1.1	0.0	0.0	1.8	1.0	0.1	1.1	0.9	N/A	0.1	0.9
FS-19-2-SYS-06-SO-3	1.0	0.0	0.0	0.8	0.9	-0.6	1.0	1.7	N/A	0.1	1.7
FS-19-2-SYS-7-SO-1	1.0	0.0	0.0	2.6	1.0	0.2	1.0	1.4	N/A	0.2	1.4
FS-19-2-SYS-7-SO-2	0.9	0.0	0.0	0.0	0.9	-0.1	0.9	0.9	N/A	0.1	0.9
FS-19-2-SYS-7-SO-3	1.0	0.0	0.4	5.4	1.0	0.1	1.0	1.4	N/A	0.1	1.4
FS-19-2-SYS-8-SO-1	1.1	0.0	0.0	1.7	0.9	0.3	1.1	1.0	N/A	0.1	1.0
FS-19-2-SYS-8-SO-2	1.3	0.0	0.2	2.8	0.9	-0.1	1.3	1.6	N/A	0.1	1.6
FS-19-2-SYS-8-SO-3	1.2	0.0	0.0	0.5	1.1	0.0	1.2	1.2	N/A	0.0	1.2
FS-19-2-SYS-09-SO-1	0.5	0.0	0.0	2.1	0.7	0.0	0.5	0.6	N/A	0.1	0.6
FS-19-2-SYS-09-SO-2	0.9	0.0	0.0	2.1	0.8	0.0	0.9	1.2	N/A	0.1	1.2
FS-19-2-SYS-09-SO-3	1.0	0.0	0.3	1.6	1.1	-0.3	1.0	1.3	N/A	0.1	1.3
FS-19-2-SYS-10-SO-1	1.0	0.0	0.0	2.4	1.0	0.0	1.0	1.6	N/A	0.1	1.6
FS-19-2-SYS-10-SO-2	1.3	0.0	0.4	0.0	1.1	-0.2	1.3	1.7	N/A	0.1	1.7
FS-19-2-SYS-10-SO-3	1.2	0.0	0.5	4.9	1.1	-0.1	1.2	1.9	N/A	0.1	1.9
FS-19-2-SYS-11-SO-1	0.9	0.0	0.0	1.1	1.1	0.5	0.9	2.0	N/A	0.1	2.0
FS-19-2-SYS-11-SO-2	1.2	0.0	0.1	1.4	1.1	0.0	1.2	1.6	N/A	0.1	1.6
FS-19-2-SYS-11-SO-3	1.2	0.0	0.0	0.2	1.0	0.1	1.2	1.0	N/A	0.1	1.0
FS-19-2-SYS-12-SO-1	0.6	0.0	0.0	1.4	0.7	0.1	0.6	0.9	N/A	0.1	0.9
FS-19-2-SYS-12-SO-2	1.0	0.0	0.0	0.3	0.9	-0.3	1.0	1.1	N/A	0.1	1.1
FS-19-2-SYS-12-SO-3	1.1	0.0	0.0	0.8	1.0	-0.4	1.1	2.1	N/A	0.1	2.1
FS-19-2-SYS-13-SO-1	1.0	0.0	0.3	0.7	1.0	0.3	1.0	2.1	N/A	0.1	2.1
FS-19-2-SYS-13-SO-2	1.1	0.0	0.0	1.6	1.0	0.0	1.1	1.1	N/A	0.1	1.1
FS-19-2-SYS-13-SO-3	1.2	0.0	0.0	-0.2	1.0	0.1	1.2	1.1	N/A	0.1	1.1
FS-19-2-SYS-14-SO-1	0.7	0.0	0.0	2.5	0.9	1.4	0.7	1.4	N/A	0.2	1.4
FS-19-2-SYS-14-SO-2	1.1	0.0	0.0	1.2	0.9	-0.2	1.1	1.0	N/A	0.1	1.0
FS-19-2-SYS-14-SO-3	1.1	0.0	0.9	2.2	1.0	-0.1	1.1	2.1	N/A	0.1	2.1
FS-19-2-SYS-15-SO-1	0.3	0.0	0.1	1.1	0.6	0.0	0.3	0.8	N/A	0.0	0.8
FS-19-2-SYS-15-SO-2	0.9	0.0	0.0	2.2	1.0	-0.2	0.9	2.0	N/A	0.0	2.0
FS-19-2-SYS-15-SO-3	1.3	0.0	0.0	0.0	1.0	-0.2	1.3	1.2	N/A	0.1	1.2
FS-19-2-SYS-16-SO-1	0.4	0.0	0.1	0.6	0.5	3.6	0.4	0.8	N/A	0.2	0.8
FS-19-2-SYS-16-SO-2	1.1	0.0	0.0	0.3	0.8	0.5	1.1	1.5	N/A	0.1	1.5
FS-19-2-SYS-16-SO-3	1.4	0.0	0.3	1.3	0.9	0.6	1.4	1.8	N/A	0.1	1.8
FS-19-2-SYS-17-SO-1	0.6	0.0	0.3	1.2	0.6	0.0	0.6	0.8	N/A	0.1	0.8
FS-19-2-SYS-17-SO-2	1.0	0.0	0.0	1.2	0.8	-0.1	1.0	0.7	N/A	0.1	0.7
FS-19-2-SYS-17-SO-3	1.1	0.0	0.0	1.8	0.9	0.1	1.1	0.9	N/A	0.1	0.9
FS-19-2-SYS-18-SO-1	0.4	0.0	0.0	0.3	0.7	-0.1	0.4	1.0	N/A	0.1	1.0
FS-19-2-SYS-18-SO-2	1.1	0.0	0.0	-0.1	0.8	-0.3	1.1	1.0	N/A	0.0	1.0
FS-19-2-SYS-18-SO-3	1.1	0.0	0.4	2.3	0.9	-0.3	1.1	1.7	N/A	0.1	1.7
FS-19-2-SYS-19-SO-1	0.8	0.0	0.0	2.0	0.9	10.4	0.8	1.6	N/A	0.5	1.6
FS-19-2-SYS-19-SO-2	0.9	0.0	0.0	2.1	0.8	1.2	0.9	1.4	N/A	0.1	1.4

Attachment 1
Westinghouse Decommissioning Project
Analytical Data for Samples Collected From Proposed Rail Spur

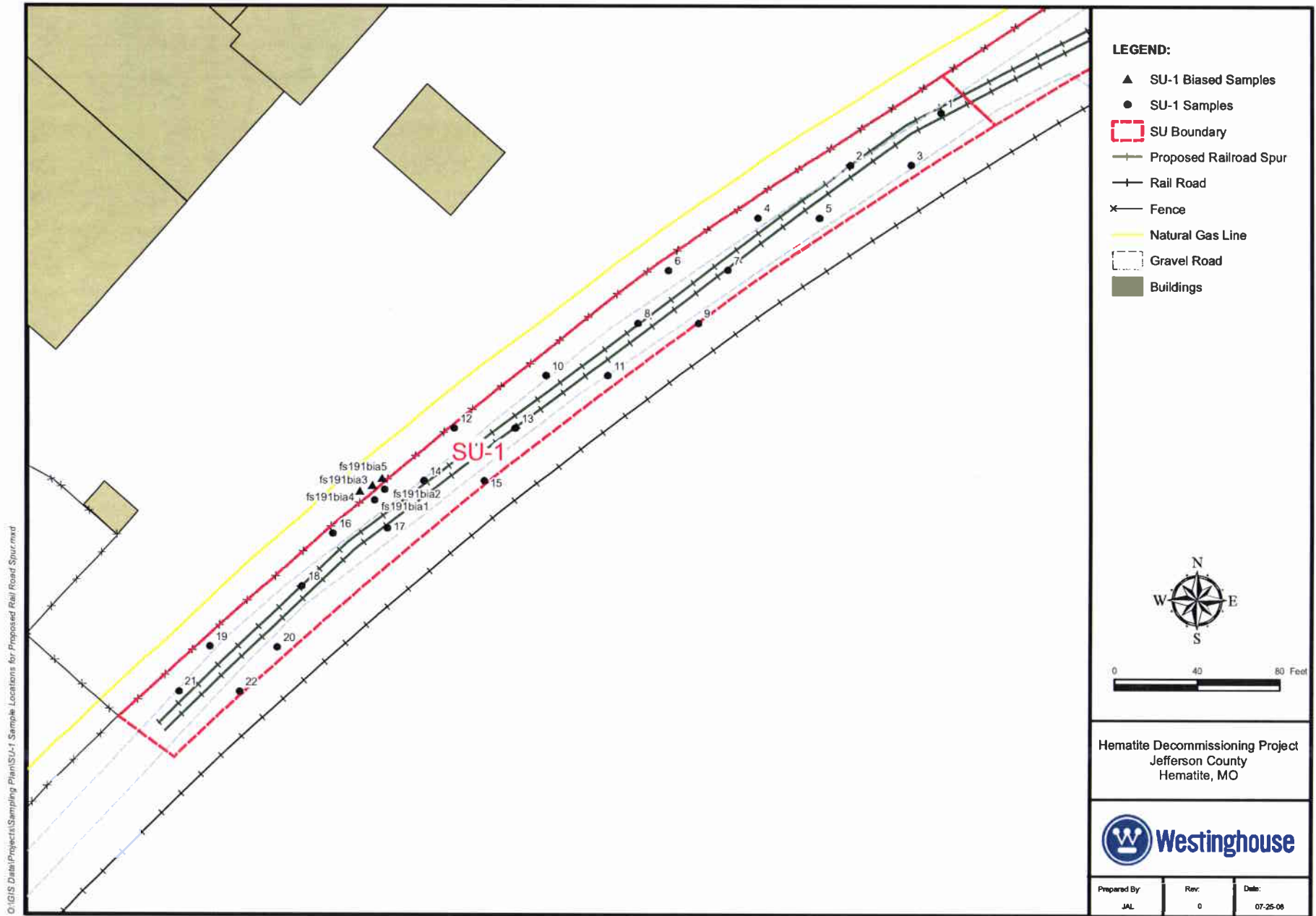
Survey Unit 2 Page 2 of 2	Ac-228	Am-241	Pa-231	Pa-234M	Ra-226	Tc-99	Th-232	Th-234	U-234	U-235	U-238 (Th-234)
Sample ID											
FS-19-2-SYS-19-SO-3	1.1	0.0	0.0	0.4	1.0	0.7	1.1	1.3	N/A	0.1	1.3
FS-19-2-SYS-20-SO-1	0.6	0.0	0.1	1.1	0.6	2.2	0.6	0.6	N/A	0.1	0.6
FS-19-2-SYS-20-SO-2	1.1	0.0	0.1	2.4	0.8	0.3	1.1	1.5	N/A	0.1	1.5
FS-19-2-SYS-20-SO-3	1.1	0.0	0.2	4.5	0.8	0.3	1.1	1.4	N/A	0.1	1.4
FS-19-2-SYS-21-SO-1	0.7	0.0	0.2	0.6	0.6	12.9	0.7	1.5	7.5	0.2	1.5
FS-19-2-SYS-21-SO-2	1.1	0.0	0.0	5.0	0.9	1.2	1.1	1.4	3.0	0.2	1.4
FS-19-2-SYS-21-SO-3	1.2	0.0	0.0	3.9	1.3	0.4	1.2	2.1	1.0	0.1	2.1
FS-19-2-SYS-22-SO-1	0.9	0.0	0.2	2.2	0.8	2.8	0.9	2.3	N/A	0.1	2.3
FS-19-2-SYS-22-SO-2	1.0	0.0	0.3	5.9	0.9	0.7	1.0	1.4	N/A	0.0	1.4
FS-19-2-SYS-22-SO-3	0.6	0.0	0.0	3.4	0.7	0.1	0.6	1.0	N/A	0.1	1.0

NOTES:

1. Results reported in units of pico-Curies per gram (pCi/g)
2. N/A = Not analyzed by alpha spectroscopy
3. Encrypted Information for Sample Identification:
 - FS= Final Status Survey (supporting data for potential future use in this instance)
 - 19= Area of Concern
 - 1 or 2= Survey Package Number
 - SYS 1 - 22= Systematic Sampling Location
 - BIA 1 - 5 (SU1 only)= Biased Sampling Location
 - SO= Soil matrix
 - 1, 2, or 3= Depth Below Surface: 1 = 0.0-0.15m / 2 = 0.15-1.5m / 3 = >1.5m

SU1 SAMPLE LOCATIONS
FOR
PROPOSED RAIL SPUR

Attachment 2, SU1 Sample Locations for Proposed Rail Spur



SU2 SAMPLE LOCATIONS
FOR
PROPOSED RAIL SPUR

Attachment 3, SU2 Sample Locations for Proposed Rail Spur

