

VARIANCE / FIELD CHANGE NOTICE

Significant?
(Yes or No): **YES**

V/F: 21130-PSP-0001-4

WBS NO.: PROJECT/DOCUMENT/ECDC # 21130-PSP-0001 Rev.0

Page: 1 of 3

PROJECT TITLE: Project Specific Plan for Area 9, Phase II Precertification Real-Time Scan

Date: 3/7/03
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VARIANCE / FIELD CHANGE NOTICE (Include justification):

4770

This Variance/Field Change Notice (V/FCN) documents the collection of physical samples in Area 9, Phase II (A9PII) located off-property east of the Fernald Closure Project.

Eight samples will be collected in the cultivated portion of A9PII and submitted to the onsite laboratory for total uranium (TAL B) analysis. See Attachment 1 for the Sampling and Analytical Requirements.

Boring A9P2-PC6 will be extended to a depth of 3.5 feet and samples will be collected at the 0.5 – 1 ft and 3 – 3.5 ft intervals. Borings A9P2-PC9, A9P2-PC10, and A9P2-PC11 will be extended to a depth of 3.5 feet and samples will be collected at the 0 – 0.5 ft and 3 – 3.5 ft intervals.

Each core will be scanned with a frisker. If the frisker reading indicates activity noticeably above background (based on the discretion of the Field Sampling Lead), then the sample interval shall be submitted for total uranium (TAL B) analysis. The boring shall then be extended to a depth of 3 feet below the sample interval with activity above background; the bottom 6" interval shall be sampled and submitted for total uranium (TAL B) analysis.

Boring A9P2-PC9 will be located 5 feet north of A9P2-PC6; boring A9P2-PC10 will be located 5 feet east of A9P2-PC6; boring A9P2-PC11 will be located 5 feet south of A9P2-PC6. Samples to be collected under this V/FCN are identified on Attachment 2.

Samples submitted under this V/FCN will be analyzed to ASL B requirements. Field validation is required.

INFORMATION ONLY

Justification:

The data for surface sample A9P2-PC6 collected under 21130-PSP-0001-3 indicated a total uranium result of 137 ppm total uranium. Since the sample was greater than 2 X FRL for total uranium (FRL = 50ppm U), additional points to bound the area are being established.

Per Section 2.7 of the PSP, the collection of physical samples will be documented with a V/FCN.

REQUESTED BY: Denise Arico

Date: 3/7/03
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X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE: <i>Michael W. Jones</i>	3/4/03	X	PROJECT MANAGER: J.D. Clon	3/4/03
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION MANAGER: F. Miller	3/4/03
X	ANALYTICAL CUSTOMER SUPPORT: <i>Deborah Meloy</i>	3/4/03		RTIMP Manager	
X	WAO: <i>Linda Barber</i>	3/11/03	X	Sampling Manager: T. Bullock	3/4/03
VARIANCE/FCN APPROVED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			REVISION REQUIRED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeannie Rosser	OTHER:
QUALITY ASSURANCE:	CHARACTERIZATION MANAGER: Frank Miller	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

ATTACHMENT 1
 SAMPLING AND ANALYTICAL REQUIREMENTS

TAL 21130-PSP-0001-B

Component	Off-Property FRL	Minimum Detection Limit
Total Uranium	50 mg/kg	5 mg/kg

Analyte (TAL)	Method	Sample Matrix	Lab	ASL	TAT	Preservation	Holding Time	Container**	Sample Volume/ Mass
Total Uranium (TAL B)	ICP/MS	Solid	Onsite	B	3 day	None	12 months	Plastic or stainless steel core liner or glass or polyethylene	50 g

ATTACHMENT 2
PRECERTIFICATION PHYSICAL SAMPLE LOCATIONS AND IDENTIFIERS

4770

Boring ID	Depth (feet)	Sample ID	Analysis	Northing	Easting
A9P2-PC6	0.5 - 1	A9P2-PC6^2-TU	TAL B	480279.40	1351834.00
A9P2-PC6	3 - 3.5	A9P2-PC6^7-TU	TAL B		
A9P2-PC9	0 - 0.5	A9P2-PC9^1-TU	TAL B	480284.408	1351833.967
A9P2-PC9	3 - 3.5	A9P2-PC9^7-TU	TAL B		
A9P2-PC10	0 - 0.5	A9P2-PC10^1-TU	TAL B	480279.259	1351839.114
A9P2-PC10	3 - 3.5	A9P2-PC10^7-TU	TAL B		
A9P2-PC11	0 - 0.5	A9P2-PC11^1-TU	TAL B	480274.331	1351833.984
A9P2-PC11	3 - 3.5	A9P2-PC11^7-TU	TAL B		