

VARIANCE / FIELD CHANGE NOTICE

Significant?
(Yes or No): NO

V/F: 21130-PSP-0001-16

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

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

Date: 6/02/03

VARIANCE / FIELD CHANGE NOTICE (Include justification):

4901

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

Three areas will be designated for sampling. Each area, which represents a certification unit, will have 12 ^{new, random} locations identified for sampling (see Figure 1). A total 36 samples will be collected and submitted to an offsite laboratory for beryllium (TAL I) analysis. Each sample is to be collected from the 0-12" interval, and is to be ~~is to be~~ ^{is to be} homogenized (per SMPL-01) in the field following collection.
 dma 6/14/03

The sample IDs and coordinates are identified on Attachment 1 and the sample locations are shown on Figure 1. The TAL and additional sampling and analytical requirements are identified on Attachment 2.

Three rinsate samples are to be collected for this sampling event – one for each area designated for sampling. Samples submitted under this V/FCN will be analyzed to ASL D requirements. Field and analytical data validation are required. Data validation will be to VSL B.

INFORMATION ONLY

Justification:

Statistical analysis (*a posteriori* test) of beryllium results from planned samples in A9PII CUs 3, 4, and 9 indicated that additional samples are needed for these CUs.

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

REQUESTED BY: Denise Arico

Date: 6/02/03

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE: <i>R. Juske</i>	6/9/03	X	PROJECT MANAGER: J.D. Zhou <i>J.D. Zhou</i>	6/4/03
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION MANAGER: F. Miller <i>F. Miller</i>	6/4/03
X	ANALYTICAL CUSTOMER SUPPORT: <i>Deborah Medley</i>	4/5/03		RTIMP Manager	
X	WAO: <i>Timothy Benton</i>	6/9/03	X	Sampling Manager: J. Bourgeois <i>Tom Sullivan</i>	6/5/03
VARIANCE/FCN APPROVED [X] YES [] NO			REVISION REQUIRED: [] YES [x] NO		

DISTRIBUTION

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

**ATTACHMENT 1
V/FCN 21130-PSP-0001-16
PHYSICAL SAMPLE LOCATIONS AND IDENTIFIERS**

CU	LOCATION ID	DEPTH	SAMPLE ID	ANALYSIS	NORTHING	EASTING
3	3-17	0" - 12"	A9P2-PC3-17^2-M	TAL I	480534.33	1351871.45
	3-18		A9P2-PC3-18^2-M		480527.92	1351922.90
	3-19		A9P2-PC3-19^2-M		480591.95	1351942.47
	3-20		A9P2-PC3-20^2-M		480561.36	1351958.78
	3-21		A9P2-PC3-21^2-M		480536.78	1352044.28
	3-22		A9P2-PC3-22^2-M		480591.77	1351981.57
	3-23		A9P2-PC3-23^2-M		480684.43	1351910.81
	3-24		A9P2-PC3-24^2-M		480645.92	1351971.37
	3-25		A9P2-PC3-25^2-M		480724.44	1351934.45
	3-26		A9P2-PC3-26^2-M		480694.24	1351857.57
	3-27		A9P2-PC3-27^2-M		480763.35	1351890.18
	3-28		A9P2-PC3-28^2-M		480790.44	1351923.07
4	4-17	0" - 12"	A9P2-PC4-17^2-M	TAL I	480423.24	1351874.67
	4-18		A9P2-PC4-18^2-M		480427.00	1351921.51
	4-19		A9P2-PC4-19^2-M		480497.98	1351935.45
	4-20		A9P2-PC4-20^2-M		480414.66	1352004.41
	4-21		A9P2-PC4-21^2-M		480425.69	1352038.40
	4-22		A9P2-PC4-22^2-M		480485.28	1351971.34
	4-23		A9P2-PC4-23^2-M		480516.91	1352013.64
	4-24		A9P2-PC4-24^2-M		480644.73	1352071.76
	4-25		A9P2-PC4-25^2-M		480698.14	1352026.00
	4-26		A9P2-PC4-26^2-M		480708.81	1352067.06
	4-27		A9P2-PC4-27^2-M		480739.94	1352009.63
	4-28		A9P2-PC4-28^2-M		480807.02	1351870.75
9	9-17	0" - 12"	A9P2-PC9-17^2-M	TAL I	480132.52	1352070.65
	9-18		A9P2-PC9-18^2-M		480224.72	1352077.81
	9-19		A9P2-PC9-19^2-M		480191.17	1352120.77
	9-20		A9P2-PC9-20^2-M		480114.14	1352240.52
	9-21		A9P2-PC9-21^2-M		480193.96	1352171.47
	9-22		A9P2-PC9-22^2-M		480145.52	1352231.38
	9-23		A9P2-PC9-23^2-M		480249.56	1352122.68
	9-24		A9P2-PC9-24^2-M		480289.41	1352074.88
	9-25		A9P2-PC9-25^2-M		480316.73	1352114.59
	9-26		A9P2-PC9-26^2-M		480224.62	1352212.26
	9-27		A9P2-PC9-27^2-M		480269.19	1352163.02
	9-28		A9P2-PC9-28^2-M		480242.44	1352271.19

ATTACHMENT 2
V/FCN 21130-PSP-0001-16

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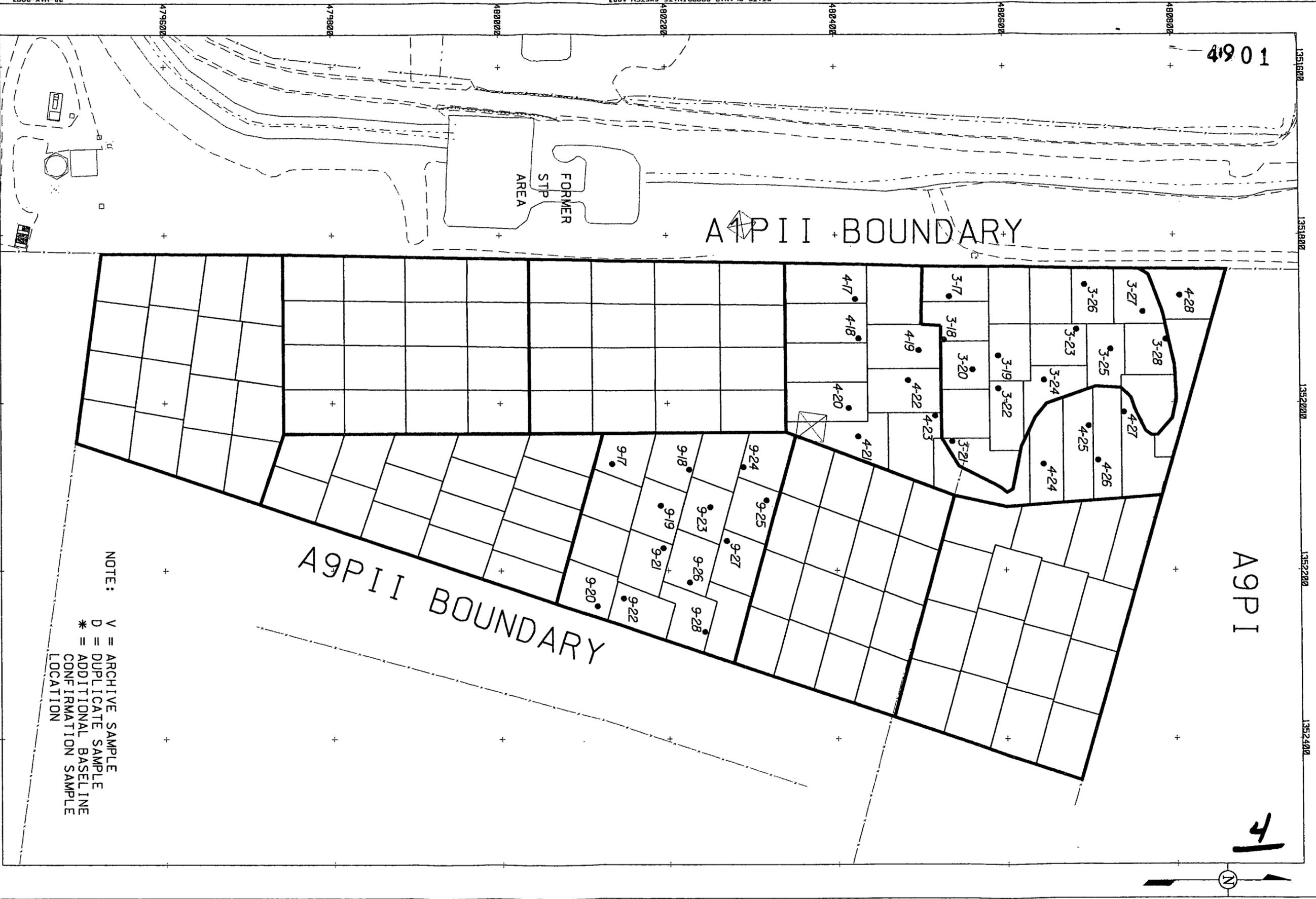
TAL 21130-PSP-0001-I	
Component	MDL
Beryllium	0.062 mg/kg

SAMPLING AND ANALYTICAL REQUIREMENTS

Analyte (TAL)	Method	Sample Matrix	Lab	ASL	TAT*	Preservation	Holding Time	Container	Minimum Sample Volume/ Mass
Beryllium (TAL I)	ICP or GFAA**	Solid	Offsite	D	4 days	Cool, 4 C	6 months	Glass jar	250 g**
Beryllium (TAL I)	ICP or GFAA	Liquid (Rinsate)	Offsite	D	4 days	HNO3 pH < 2	6 months	Polyethylene	1 Liter

*This TAT signifies when the data is due back to the project. (Irrespective of data entry into the database.)

**Samples are to be homogenized prior to analysis.



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A9P II BOUNDARY

A9P I

A9P II BOUNDARY

FORMER STP AREA

NOTE:

- V = ARCHIVE SAMPLE
- D = DUPLICATE SAMPLE
- * = ADDITIONAL BASELINE CONFIRMATION SAMPLE LOCATION



DRAFT

LEGEND:

- A9P II CU BOUNDARIES
- A9P I SUB CU BOUNDARIES
- CU #
- 7-6P
- SAMPLE LOCATION



FIGURE 1

V:\6031\6031.dwg\p2-cus.dwg

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