2-402.25 1421

Department of Energy

Ohio Field Office
Fernald Area Office
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

APR 24 1998

DOE-0695-98

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF VARIANCES TO PROJECT SPECIFIC PLANS

This letter serves to transmit variances to the following Project Specific Plans (PSP): PSP for Lead delineation in the Area 2, Phase I (A2P1) Firing Range; PSP for Lead Delineation in the Area 1, Phase II (A1P2) Trap Range; and A2P1 Delineation of Areas Exceeding Waste Acceptance Criteria (WAC). The variances do not involve a significant change in scope.

If you have questions or comments regarding the variances, please contact Kathleen Nickel at (513) 648-3166.

Sincerely,

Johnny Reising

Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Nickel

Enclosure: As Stated

Recycled and Recyclable

1

cc w/enc:

T. Schneider, OEPA - Dayton (total of 3 copies of enc.)
F. Barker, Tetra Tech
AR Coordinator, FDF/78

cc w/o enc:

EDC, FDF/52-7

bcc w/enc:

R. J. Janke, DOE-FEMP
M. Davis, ANL

VARIANCE / FIELD CHANGE NOTICE

V/F No. 20.03.13.02-15

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WBS NO.: 20.03.13.02 Project # 20400-PSP-0001 Rev 0

PROJECT TITLE: A2PI Delineation of Areas Exceeding WAC (Rev. 0)

Date: 3/20/98

VARIANCE / FIELD CHANGE NOTICE (Include justification):

1) The following soil samples were retrieved from archive for TAL A2P1-DC-F analysis to determine vertical extent of contamination in the Area 2, Phase I SWU-5 sampling area:

SWU-5-2-35-R
SWU-5-16-37-R
SWU-5-16-38-R
SWU-5-16-40-R
SWU-5-16-41-R
SWU-5-16-42-R
SWU-5-16-43-R
SWU-5-16-44-R
SWU-5-16-45-R
SWU-5-27-49-R
SWU-5-27-50-R
SWU-5-27-51-R
SWU-5-27-52-R
SWU-5-27-53-R
SWU-5-33-47-R
SWU-5-33-48-R
SWU-5-33-49-R
SWU-5-33-50-R
SWU-5-33-51-R
SWU-5-33-52-R
SWU-5-28A-54-R
SWU-5-28A-56-R.

INFORMATION ONLY

Justification

Per Section 2.5.4 of the PSP, the Characterization Lead can request that specific archive samples be submitted for analysis. Section 2.5.3 also states that additional analysis of archived samples will be conducted when the initial core sample (selected core interval based on highest ccpm) exhibits above-WAC concentrations.

REQUESTED BY: Mike Rolfes Date: March 20, 1998

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE [signature]	3/23/98		PROJECT MANAGER	
	DATA QUALITY MANAGEMENT		X	DEP SAMPLING & CHARACTERIZATION MGR. [signature]	3/24/98
X	ANALYTICAL CUSTOMER SUPPORT Bill Waterman	3/24/98	x	Vicky E. Zimmerman	3/20/98
	OTHER			OTHER	

VARIANCE/FCN APPROVED [X]YES [ ]NO

REVISION REQUIRED: [ ]YES [x]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeanie Rosser	OTHER:
QUALITY ASSURANCE:	OTHER:	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

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V/ FCN 20.03.13.02-14

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A2PI-IFP-80G-D	**1347714.17**	**477854.17**
A2PI-IFP-81G	1347458.07	477819.96
A2PI-IFP-82G	1347497.44	477819.96
A2PI-IFP-83G	1347536.78	477819.96
A2PI-IFP-84G	1347576.19	477819.96
A2PI-IFP-85G	1347615.71	477819.96
A2PI-IFP-86G	1347655.13	477819.96
A2PI-IFP-87G	1347694.25	477819.96
A2PI-IFP-88G	1347733.85	477819.96
A2PI-IFP-89G	1347438.44	477785.9
A2PI-IFP-90G	1347477.81	477785.9
A2PI-IFP-91G	1347517.2	477785.9
A2PI-IFP-92G	1347556.56	477785.9
A2PI-IFP-93G	1347596.08	477785.9
A2PI-IFP-94G	1347635.5	477785.9
A2PI-IFP-95G	1347574.61	477785.9
A2PI-IFP-96G	1347714.26	477785.9
A2PI-IFP-97G	1347753.44	477785.9
A2PI-IFP-98G	1347792.88	477785.9
A2PI-IFP-99G	1347832.36	477785.9
A2PI-IFP-100G	1347458.16	477751.85
A2PI-IFP-100G-D	**1347458.16**	**477751.85**
A2PI-IFP-101G	1347497.53	477751.85
A2PI-IFP-102G	1347536.87	477751.85
A2PI-IFP-103G	1347576.28	477751.85
A2PI-IFP-104G	1347615.8	477751.85
A2PI-IFP-105G	1347655.22	477751.85
A2PI-IFP-106G	1347694.34	477751.85
A2PI-IFP-107G	1347733.98	477751.85
A2PI-IFP-108G	1347773.16	477751.85
A2PI-IFP-109G	1347812.6	477751.85
A2PI-IFP-110G	1347852.08	477751.85
A2PI-IFP-111G	1347891.39	477751.85
A2PI-IFP-112G	1347517.27	477717.65
A2PI-IFP-113G	1347556.64	477717.65
A2PI-IFP-114G	1347595.98	477717.65
A2PI-IFP-115G	1347635.39	477717.65
A2PI-IFP-116G	1347674.91	477717.65
A2PI-IFP-117G	1347714.33	477717.65
A2PI-IFP-118G	1347753.45	477717.65
A2PI-IFP-119G	1347793.09	477717.65
A2PI-IFP-120G	1347832.27	477717.65
A2PI-IFP-120G-D	**1347832.27**	**477717.65**
A2PI-IFP-121G	1347871.71	477717.65
A2PI-IFP-122G	1347576.36	477683.44

INFORMATION ONLY

PA

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VZ 3/14/20 JHW 3/20

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A2PI-IFP-38G	1347595.89	478058.63
A2PI-IFP-39G	1347635.3	478058.63
A2PI-IFP-40G	1347379.18	478024.57
A2PI-IFP-40G-D	**1347379.18**	**478024.57**
A2PI-IFP-41G	1347418.55	478024.57
A2PI-IFP-42G	1347457.89	478024.57
A2PI-IFP-43G	1347497.30	478024.57
A2PI-IFP-44G	1347536.82	478024.57
A2PI-IFP-45G	1347576.24	478024.57
A2PI-IFP-46G	1347615.6	478024.57
A2PI-IFP-47G	1347399.0	477990.66
A2PI-IFP-48G	1347738.37	477990.66
A2PI-IFP-49G	1347477.71	477990.66
A2PI-IFP-50G	1347517.12	477990.66
A2PI-IFP-51G	1347556.64	477990.66
A2PI-IFP-52G	1347596.06	477990.66
A2PI-IFP-53G	1347635.21	477990.66
A2PI-IFP-54G	1347418.68	477956.56
A2PI-IFP-55G	1347458.05	477956.56
A2PI-IFP-56G	1347497.39	477956.56
A2PI-IFP-57G	1347536.8	477956.56
A2PI-IFP-58G	1347576.32	477956.56
A2PI-IFP-59G	1347615.74	477956.56
A2PI-IFP-60G	1347438.41	477922.42
A2PI-IFP-60G-D	**1347438.41**	**477922.42**
A2PI-IFP-61G	1347477.78	477922.42
A2PI-IFP-62G	1347517.12	477922.42
A2PI-IFP-63G	1347556.53	477922.42
A2PI-IFP-64G	1347596.05	477922.42
A2PI-IFP-65G	1347635.47	477922.42
A2PI-IFP-66G	1347418.73	477888.32
A2PI-IFP-67G	1347458.10	477888.32
A2PI-IFP-68G	1347497.44	477888.32
A2PI-IFP-69G	1347536.85	477888.32
A2PI-IFP-70G	1347576.37	477888.32
A2PI-IFP-71G	1347615.79	477888.32
A2PI-IFP-72G	1347654.91	477888.32
A2PI-IFP-73G	1347438.39	477854.17
A2PI-IFP-74G	1347477.76	477854.17
A2PI-IFP-75G	1347517.1	477854.17
A2PI-IFP-76G	1347556.5	477854.17
A2PI-IFP-77G	1347596.03	477854.17
A2PI-IFP-78G	1347635.45	477854.17
A2PI-IFP-79G	1347674.57	477854.17
A2PI-IFP-80G	1347714.17	477854.17

INFORMATION ONLY

R Fraskel 3/23/98

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pg 6 of 8 J Hu 3/20/

VZ 3/24/98

VARIANCE / FIELD CHANGE NOTICE

V/F No. 20.03.13.02-16

WBS NO.: 20.03.13.02 Project # 20400-PSP-0001 Rev 0

Page 1 of ~~12~~ 16

PROJECT TITLE: A2PI Delineation of Areas Exceeding WAC (Rev. 0)

Date: 3/8/98

VARIANCE / FIELD CHANGE NOTICE (Include justification):

1421

At the request of the Ohio Environmental Protection Agency (OEPA), additional borings will be completed in SWU-5. All soil samples will be beta-gamma scanned and collected in accordance to PSP 20400-PSP-0001, Rev. 0 as discussed in Sections 1.3.2 and 2.5.3 with the following exceptions:

a) boring depth will be to 27 feet below ground surface or until the lithology of the boring indicates the boring has been advanced through flyash and/or debris. The samples will be submitted to the on-site laboratory for total uranium analysis (TAL A2PI-DC-F) at ASL B

b) intervals exhibiting 100 corrected counts per minute (ccpm) or greater will be submitted for analysis

c) any intervals above and below intervals exhibiting 100 ccpm or greater will be submitted for analysis (even if the beta-gamma measurement is zero)

d) all intervals (including flyash) not submitted for analysis will be archived for potential future analysis

e) OEPA will ~~split~~ collect samples at 560 ft mean sea level (msl) ~~for~~ adjacent to each of the four locations (see below); OEPA may, at their discretion, request split samples for any interval above intervals exhibiting >100 ccpm.

The following sample points are added:

SWU-5-41	Easting: 1347543	Northing: 478097.5	Elevation: 571.76 ft msl
SWU-5-42	Easting: 1347500.8	Northing: 478005.17	Elevation: 576.2 ft msl
SWU-5-43	Easting: 1347562.29	Northing: 477977.12	Elevation: 576.2 ft msl
SWU-5-44	Easting: 1347588.3	Northing: 477920.98	Elevation: 563.4 ft msl

Justification:

Section 2.5.3 of PSP 20400-PSP-0001, Rev.0 states that analytical results will be used to determine placement of additional boreholes. Per the Characterization Lead, and at the request of the OEPA, additional borings are necessary to bound the southeastern, western and northern edges of above-WAC contamination.

INFORMATION ONLY

REQUESTED BY: Vicky L. Zimmerman/Mike Rolfes Date: April 13, 1998

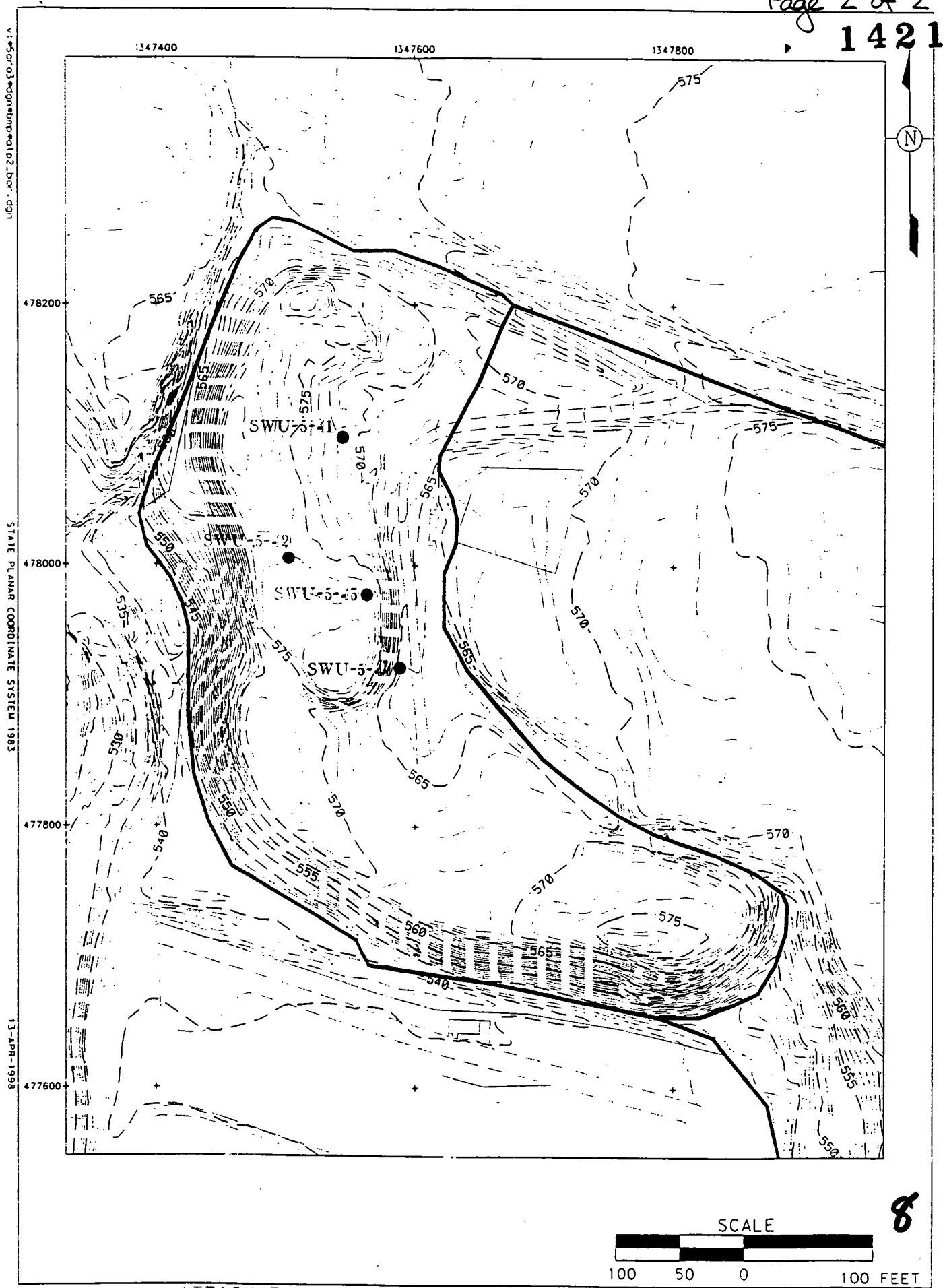
X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE R Fiske	4-13-98		AREA PROJECT MANAGER	
	DATA QUALITY MANAGEMENT		X	FIELD SAMPLING MGR. Mike Rolfes	4/13/98
	ANALYTICAL CUSTOMER SUPPORT		X	CHARACTERIZATION LEAD Vicky L. Zimmerman	4/13/98
	OTHER			REAL-TIME MANAGER	

VARIANCE/FCN APPROVED [X]YES [ ]NO

REVISION REQUIRED: [ ]YES [x]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeanie Rosser	OTHER:
QUALITY ASSURANCE:	OTHER:	OTHER:
FIELD MANAGER:	OTHER:	OTHER:



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ATTACHMENT A. AREA 2 PHASE I ABOVE - WAC AREA.
SAMPLE LOCATIONS SWU-5-41 THRU SWU-5-44

VARIANCE / FIELD CHANGE NOTICE

V/F No. 20.03.13.04-03

WBS NO.: 20.03.13.04 Project # 20402-PSP-0001 Rev 0

Page 1 of 1

PROJECT TITLE: PSP for Lead Delineation in the A2PI Firing Range

Date: 3/18/98

VARIANCE / FIELD CHANGE NOTICE (Include justification):

1421

This variance documents the depth intervals that could not be completed in the A2P1 Lead Delineation in the Firing Range (20.03.13.04). The planned depths for the borings was 5 feet. The following borings, with the actual completion depths noted, could not be completed at the planned depths due to subsurface obstructions:

A2P1PB-4-7-M	(3.0-3.5 FT.)		
A2P1PB-4-7-M-Y-V	(3.0-3.5 FT.)		
A2P1PB-4-8-M	(3.5-4.0 FT.)	A2P1PB-10-8-M	(3.5-4.0 FT.)
A2P1PB-4-8-M-Y-V	(3.5-4.0 FT.)	A2P1PB-10-8-M-Y-V	(3.5-4.0 FT.)
A2P1PB-5-7-M	(3.0-3.5 FT.)	A2P1PB-11-5-M	(2.0-2.5 FT.)
A2P1PB-5-7-M-Y-V	(3.0-3.5 FT.)	A2P1PB-11-5-M-Y-V	(2.0-2.5 FT.)
A2P1PB-5-8-M	(3.5-4.0 FT.)	A2P1PB-11-6-M	(2.5-3.0 FT.)
A2P1PB-5-8-M-Y-V	(3.5-4.0 FT.)	A2P1PB-11-6-M-Y-V	(2.5-3.0 FT.)
A2P1PB-6-7-M	(3.0-3.5 FT.)	A2P1PB-11-7-M	(3.0-3.5 FT.)
A2P1PB-6-7-M-Y-V	(3.0-3.5 FT.)	A2P1PB-11-7-M-Y-V	(3.0-3.5 FT.)
A2P1PB-6-8-M	(3.5-4.0 FT.)	A2P1PB-11-8-M	(3.5-4.0 FT.)
A2P1PB-6-8-M-Y-V	(3.5-4.0 FT.)	A2P1PB-11-8-M-Y-V	(3.5-4.0 FT.)
A2P1PB-8-8-M	(3.5-4.0 FT.)	A2P1PB-20A-6-M	(2.5-3.0 FT.)
A2P1PB-8-8-M-Y-V	(3.5-4.0 FT.)	A2P1PB-20A-6-M-Y-V	(2.5-3.0 FT.)
A2P1PB-9-7-M	(3.0-3.5 FT.)	A2P1PB-20A-7-M	(3.0-3.5 FT.)
A2P1PB-9-7-M-Y-V	(3.0-3.5 FT.)	A2P1PB-20A-7-M-Y-V	(3.0-3.5 FT.)
A2P1PB-9-8-M	(3.5-4.0 FT.)	A2P1PB-20A-8-M	(3.5-4.0 FT.)
A2P1PB-9-8-M-Y-V	(3.5-4.0 FT.)	A2P1PB-20A-8-M-Y-V	(3.5-4.0 FT.)
A2P1PB-10-6-M	(2.5-3.0 FT.)	A2P1PB-21-7-M	(3.0-3.5 FT.)
A2P1PB-10-6-M-Y-V	(2.5-3.0 FT.)	A2P1PB-21-7-M-Y-V	(3.0-3.5 FT.)
A2P1PB-10-7-M	(3.0-3.5 FT.)	A2P1PB-21-8-M	(3.5-4.0 FT.)
A2P1PB-10-7-M-Y-V	(3.0-3.5 FT.)	A2P1PB-21-8-M-Y-V	(3.5-4.0 FT.)

INFORMATION ONLY

Justification:

The full depth could not be achieved at the borings listed above due to subsurface material that could not be penetrated with a hand auger or had collapse of sidewalls due to sandy material.

REQUESTED BY: Mike Rolfes/Vicki Zimmerman Date: March 18, 1998

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
x	QUALITY ASSURANCE [signature]	3/25/98		PROJECT MANAGER	
	DATA QUALITY MANAGEMENT		x	FIELD SAMPLING MANAGER Mike Frank	3/18/98
	[illegible]		x	Vicky L Zimmerman	3/19
	[illegible]			[illegible]	

VARIANCE/FCN APPROVED [illegible] REVISION REQUIRED [illegible]

DISTRIBUTION

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

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VARIANCE / FIELD CHANGE NOTICE

V/F 50.03.59.01-1

WBS NO.: 50.03.59.01 20710-PSP-0001 R6

Page 1 of 1

PROJECT TITLE: Lead Delineation in the A1P2 Trap Range

Date: 3/16/98

VARIANCE / FIELD CHANGE NOTICE (Include justification): Addition of 30 Samples

1421

Field Change Notice:

This variance documents the addition of 30 samples in the A1P2 Trap Range. These samples are being collected to further refine the excavation limits. The following table lists the sample Ids, Eastings and Northings

Sample ID	Easting	Northing	Sample ID	Easting	Northing
A1P2TRAP-1S-1-M	1351141.59	478904.26	A1P2TRAP-16S-1M	1351404.4	478538.75
A1P2TRAP-2S-1-M	1351170.07	478840.85	A1P2TRAP-17S-1M	1351438.85	478504.03
A1P2TRAP-3S-1-M	1351227.76	478813.06	A1P2TRAP-18S-1M	1351294.01	478455.39
A1P2TRAP-4S-1-M	1351199.28	478738.25	A1P2TRAP-19S-1M	1351355.26	478485.32
A1P2TRAP-5S-1-M	1351182.19	478645.62	A1P2TRAP-20S-1M	1351487.72	478504.55
A1P2TRAP-6S-1-M	1351290.44	478701.91	A1P2TRAP-21S-1M	1351254.84	478394.12
A1P2TRAP-7S-1-M	1351272.64	478620.69	A1P2TRAP-22S-1M	1351424.32	478422.62
A1P2TRAP-8S-1-M	1351329.61	478615.7	A1P2TRAP-23S-1M	1351457.8	478429.75
A1P2TRAP-9S-1-M	1351367.36	478658.45	A1P2TRAP-24S-1M	1351483.42	478473.54
A1P2TRAP-10S-1-M	1351195.73	478541.6	A1P2TRAP-25S-1M	1351341.72	478405.52
A1P2TRAP-11S-1-M	1351252.7	478529.49	A1P2TRAP-26S-1M	1350924.26	478711.79
A1P2TRAP-12S-1-M	1351326.06	478562.98	A1P2TRAP-27S-1M	1350851.31	478697.71
A1P2TRAP-13S-1-M	1351144.45	478446.85	A1P2TRAP-28S-1M	1350861.21	478798.32
A1P2TRAP-14S-1-M	1351189.31	478424.76	A1P2TRAP-29S-1M	1350925.82	478940.63
A1P2TRAP-15S-1-M	1351294.72	478509.54	A1P2TRAP-30S-1M	1350854.43	478943.76
A1P2TRAP-15S-1-M-D	1351294.72	478509.54	A1P2TRAP-30S-1M-D	1350854.43	478943.76

East sample will be collected from the six inch interval, and for Total Lead and Arsenic. A duplicate will be collected at locations 15 and 30. Samples will be collected using a direct push plastic tube, therefore, no rinsate will be collected. In the event that a result exceeds the "20 times rule" the samples will be analyzed for TCLP.

Justification:

These locations were selected to best refine the excavation limits, per comments made by the U.S. and Ohio EPAs on the Implementation Plan.

INFORMATION ONLY

REQUESTED BY: Alex Duarte Date: 3/16/98

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE	3/24/98		CHARACTERIZATION LEAD	3/18/98
	DATA QUALITY MANAGEMENT		X	FIELD MANAGER	3/25/98
	ANALYTICAL CUSTOMER SUPPORT		X	PROJECT MANAGER	3.18.98
	OTHER			OTHER	

VARIANCE/FCN APPROVED [X]YES [ ]NO

REVISION REQUIRED: [ ]YES [x]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Esther Dittmer	OTHER:
QUALITY ASSURANCE:	OTHER:	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

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VARIANCE / FIELD CHANGE NOTICE	V/F No. 20.03.13.04-4
WBS NO.: 20.03.13.04 Project # 20402-PSP-0001 Rev 0	Page 1 of 3
PROJECT TITLE: PSP for Lead Delineation in the A2PI Firing Range	Date: 4/15/98

VARIANCE / FIELD CHANGE NOTICE (Include justification): 1421

Six additional borings (A2PIPB-25, A2PIPB-26, A2PIPB-27, A2PIPB-28, A2PIPB-29, and A2PIPB-30, see attached) will be completed in the Area 2, Phase I Firing Range area to bound the limits of soil contamination. A2PIPB-25, A2PIPB-26, A2PIPB-29, and A2PIPB-30 will be completed to a depth of 5 feet. For these four locations, samples will be collected at every 6-inch interval to a depth of 3.5 feet and submitted for analysis; from 3.5 to 4.5 feet, only intervals containing bullets or bullet fragments will be collected and submitted for analysis. All four locations will have a sample collected at the 4.5 to 5 foot interval (or at the bottom of the boring if refusal is encountered) and submitted for analysis. For sample locations A2PIPB-27 and A2PIPB-28, the borings will be completed to a total depth of 3 feet; for these two locations, samples will be collected at every 6-inch interval and submitted for analysis.

Sample identification will be as follows:

A2PIPB-x-y-M (or -TM)

A2PIPB	=	Area 2, Phase I former firing range (lead contamination area)
x	=	Sample location number (25, 26, 27, 28, 29, or 30)
y	=	Consecutive sample interval number (1 = 0-0.5 ft interval, 2 = 0.5-1 ft interval, 3 = 1-1.5 ft interval, 4 = 1.5-2 ft interval, 5 = 2-2.5 ft interval, 6 = 2.5-3 ft interval, 7 = 3-3.5 ft interval, 8 = 3.5-4 ft interval, 9 = 4-4.5 ft interval, 10 = 4.5-5 ft interval)
M	=	total lead analysis
TM	=	TCLP lead analysis.

All soil samples will be collected using a 2-inch or 3-inch diameter hand auger or Geoprobe, in accordance with SMPL-01, *Solids Sampling*. Prior to collection of the soil samples, the field sampling technician will remove all surface vegetation within a 6-inch radius from the points to be sampled using a stainless steel trowel, taking care not to remove any of the surface soil. If the hand auger is used, each 6-inch sample interval will be collected individually with a clean auger. If the Geoprobe is used, the sample will be collected in a single core with a core sampler. Two attempts will be made to obtain boring completion; the original attempt will be designated by the location number (A2PIPB-25, -26, -27, -28, -29, or -30). The second attempt will be conducted within two feet of the original attempt and will be designated with an "A" after the location number (i.e., A2PIPB-25A, -26A, -27A, -28A, -29A, and -30A).

Each sample will be homogenized and split with one split (designated -M) submitted for total lead analysis at the FEMP on-site laboratory by GFAA or ICP and the other split (designated -TM) submitted for TCLP lead analysis. All soil samples will be prepared according to SW846, Volume 1C, Section 8.4 and analyzed at ASLB (TAL A2PI-PB-B).

Coordinates for the additional sample points are as follows:

INFORMATION ONLY

A2PIPB-25	Easting:	1347923.7	Northing: 477512.4
A2PIPB-26	Easting:	1347929.2	Northing: 477511.4
A2PIPB-27	Easting:	1347906.8	Northing: 477474.4
A2PIPB-28	Easting:	1347904.4	Northing: 477462.6
A2PIPB-29	Easting:	1347907.8	Northing: 477448.3
A2PIPB-30	Easting:	1347922.4	Northing: 477450.8

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Justification:

Per Section 1.2 of the PSP, and at the request of the Ohio Environmental Protection Agency, additional soil samples may be collected.

REQUESTED BY: Vicky Zimmerman **Date:** April 15, 1998

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE	4-15-98		AREA PROJECT MANAGER	
	DATA QUALITY MANAGEMENT		X	FIELD SAMPLING MGR.	4/15/98
X	ANALYTICAL CUSTOMER SUPPORT	4/15/98	X	CHARACTERIZATION LEAD	4/15/98
	OTHER			REAL-TIME MANAGER	

VARIANCE/FCN APPROVED [X]YES [ ]NO

REVISION REQUIRED: [ ]YES [x]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeanie Rosser	OTHER:
QUALITY ASSURANCE:	OTHER:	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

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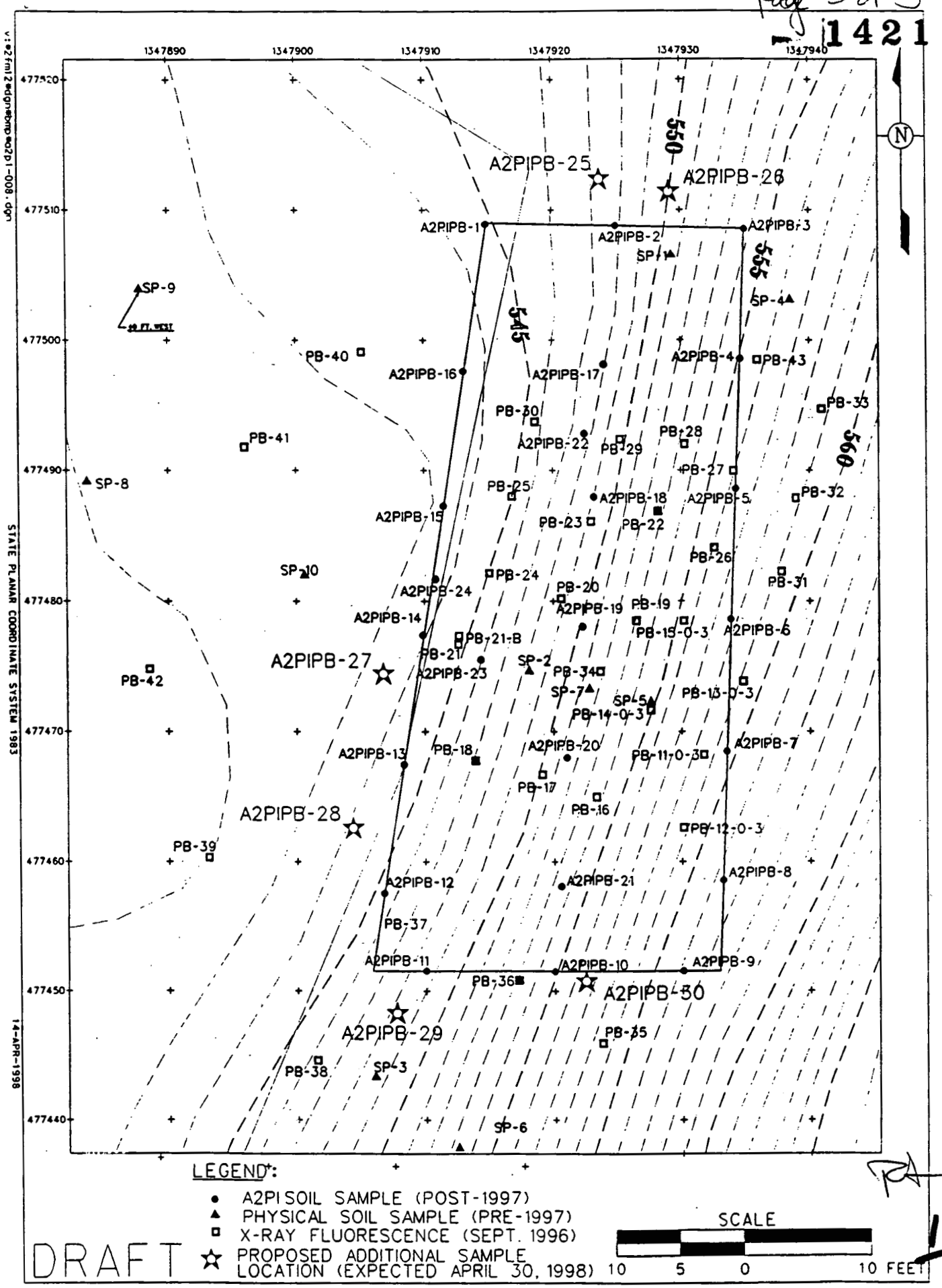

FIGURE D-56. AREA 2, PHASE I FIRING RANGE, ADDITIONAL SAMPLE LOCATIONS

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