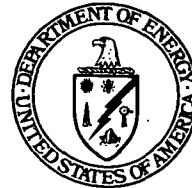


Department of Energy

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



JAN 20 1998

DOE-0329-98

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): Pre-design Sampling in the northeast corner of Area 3; Area 8 Phase 1 Pre-certification Real-Time Measurements; and Waste Acceptance Criteria (WAC) Attainment of Collapsed Soil in Paddys Run. These variances do not significantly alter the scope of the PSPs.

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

Sincerely,

Johnny W. Reising
 Fernald Remedial Action
 Project Manager

FEMP:Nickel

Enclosure: As Stated

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

VARIANCE / FIELD CHANGE NOTICE

VIF No. 50.03.73.01-7

PROJECT TITLE: PSP-WAC Attainment of Collapsed Soil in Paddy's Run (Rev. 0)

Date: 1/6/98

VARIANCE / FIELD CHANGE NOTICE (Include justification): Doc. # 20540-PSP-0001

This variance documents the reason for not collecting rinsate samples as stated in the PSP. The sample collection method involved the use of direct-drive sample liners which requires no decontamination of reusable sampling equipment. Therefore, the sampling method used did not necessitate collection of rinsate samples.

Justification:

Since reusable sampling equipment was not in use, cross-contamination between sampling locations was not an issue.

CDC CONTROLLED
COPY NO.
VA 10459

REQUESTED BY: Mike Frank

Date: January 6, 1998

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE <i>RA</i>	1-6-98		PROJECT MANAGER	
	DATA QUALITY MANAGEMENT		X	FIELD SAMPLING MGR. <i>Mike Frank</i>	1/6/98
	ANALYTICAL CUSTOMER SUPPORT		X	CHARACTERIZATION LEAD <i>Eric M. Dupuis</i>	1/6/98
	OTHER			OTHER <i>Michelle</i>	

VARIANCE/FCN APPROVED [X] YES [] NO

REVISION REQUIRED: [] YES [X] NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Michelle Tudor	OTHER:
QUALITY ASSURANCE:	OTHER:	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

VARIANCE / FIELD CHANGE NOTICE

V/F No. 50.03.52.01-3 **1209**

WBS NO.: 50.03.52.01 Project # 20810-PSP-0001 Rev 2

Page 1 of 1

PROJECT TITLE: Pre-Design Investigation Sampling in the NE Corner of Area 3 (Rev. 2)

Date: 12/03/97

VARIANCE / FIELD CHANGE NOTICE (Include justification):

This variance provides a supplementary sample collection method for the near-surface sample intervals specified for each boring in the PSP. In accordance with procedure SMPL-01, a stainless steel scoop or shovel may be used to collect the near-surface sample intervals when use of the Geoprobe core sampler is not practical. In addition to the scoop, this variance allows the use of a steel pick and gloved hand to collect samples if necessary due to the presence of gravel or rock. All equipment will be decontaminated by Level II procedure before use at each sample interval.

This variance also documents the lack of sample recovery in the following borings:

- Boring 12247: The sample interval 23-24 feet was not collected due to no recovery.
- Boring 12248: The sample interval 23-24 feet was not collected due to no recovery.
- Boring 12250: Refusal was encountered at 22.7 feet. The 23-24 foot interval was not collected.

Justification:

The sample collection method in the PSP is limited to Geoprobe equipment. The additional methods are necessary for improved sample recovery in some gravel and rock areas for near-surface intervals.

The 23-24 foot interval samples that could not be collected is not expected to impact the results of computer modeling for excavation depths. An additional boring may be necessary if total uranium results are elevated in the 19-20 foot interval.

**ECDC CONTROLLED
COPY NO.
VA 10459**

REQUESTED BY: Eva Dupuis-Nouille / Mike Frank

Date: December 30, 1997

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE <i>Harold Swigg</i>	12/30/97	X	AREA PROJECT MANAGER <i>Daniel...</i>	12/30/97
	DATA QUALITY MANAGEMENT		X	FIELD SAMPLING MGR <i>Mike Frank</i>	12/30/97
	ANALYTICAL CUSTOMER SUPPORT		X	CHARACTERIZATION LEAD <i>Comp. Dupuis-Nouille</i>	
	OTHER			REAL TIME MANAGER	

VARIANCE/FCN APPROVED YES NO

REVISION REQUIRED: YES NO

DISTRIBUTION

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

VARIANCE / FIELD CHANGE NOTICE

V/F 50.03.74.01-1

WBS NO.: 50.03.74.01

Page 1 of 1

PROJECT TITLE: PSP for Area 8, Phase I Pre-certification Real-Time Measurements (21000-PSP-0001)

Date: 1/5/98

VARIANCE / FIELD CHANGE NOTICE (Include justification):

Field Change Notice:

Section 2.2.2 of the PSP states that one surface moisture-density measurement will be obtained at each HPGe measurement point. It did not clarify that this is only the case when the HPGe is used for Phase II of the pre-certification real-time scan (see Section 2.2). When the HPGe is used in place of the mobile NaI detectors in Phase I of the pre-certification real-time scan (see Section 2.1) to determine patterns of gross gamma activity, only one surface moisture-density measurement will be obtained per acre, as long as surface moisture conditions appear to be consistent.

Justification:

The number of surface moisture-density measurements necessary to supplement HPGe readings collected in place of NaI detector readings during Phase I of the pre-certification real-time scan was not identified in the PSP. Collecting one surface moisture-density measurement per HPGe reading when the HPGe is used for this purpose is excessive.

REQUESTED BY: Mike Heinen

Date: 1/5/98

X IF RECD	VARIANCE/FCN APPROVAL	DATE	X IF RECD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE <i>K. Fisher</i>	1-5-98	X	PROJECT MANAGER <i>Will E. ...</i>	1/5/98
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION LEAD <i>[Signature]</i>	1/5/98
	ANALYTICAL CUSTOMER SUPPORT		X	REAL-TIME PROGRAM MANAGER <i>[Signature]</i>	1/5/98
	OTHER			OTHER	

VARIANCE/FCN APPROVED [X] YES [] NO

REVISION REQUIRED: [] YES [x] NO

DISTRIBUTION

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QUALITY ASSURANCE:	OTHER:	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

ECDC CONTROLLED
COPY NO. VA 10459

VARIANCE / FIELD CHANGE NOTICE

V/F 50.03.74.01-2

WBS NO.: 50.03.74.01

Page 1 of 2

PROJECT TITLE: Area 8 Phase I Pre-Certification Real-Time Measurements (21000-PSP-0001)

Date: 1/5/98

VARIANCE / FIELD CHANGE NOTICE (Include justification):

Field Change Notice:

Area 8 phase I consists of thirteen (13) pre-certification real-time measurement areas. These areas are shown in Figure 2-2. The figure is to be used to guide NaI and HPGe measurement strategies.

Justification:

This variance documents delineation of Real-Time measurement areas within remediation area 8 Phase I.

REQUESTED BY: Dale Seiler

Date: 1/5/98

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE <i>R. Smith</i>	1-5-98	X	PROJECT MANAGER <i>W. P. ...</i>	1/5/98
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION LEAD <i>[Signature]</i>	1/5/98
	ANALYTICAL CUSTOMER SUPPORT		X	REAL-TIME PROGRAM MANAGER <i>J. White</i>	1/5/98
	OTHER			OTHER	

VARIANCE/FCN APPROVED YES NO

REVISION REQUIRED: YES NO

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

ECDC CONTROLLED
COPY NO. VA 10459

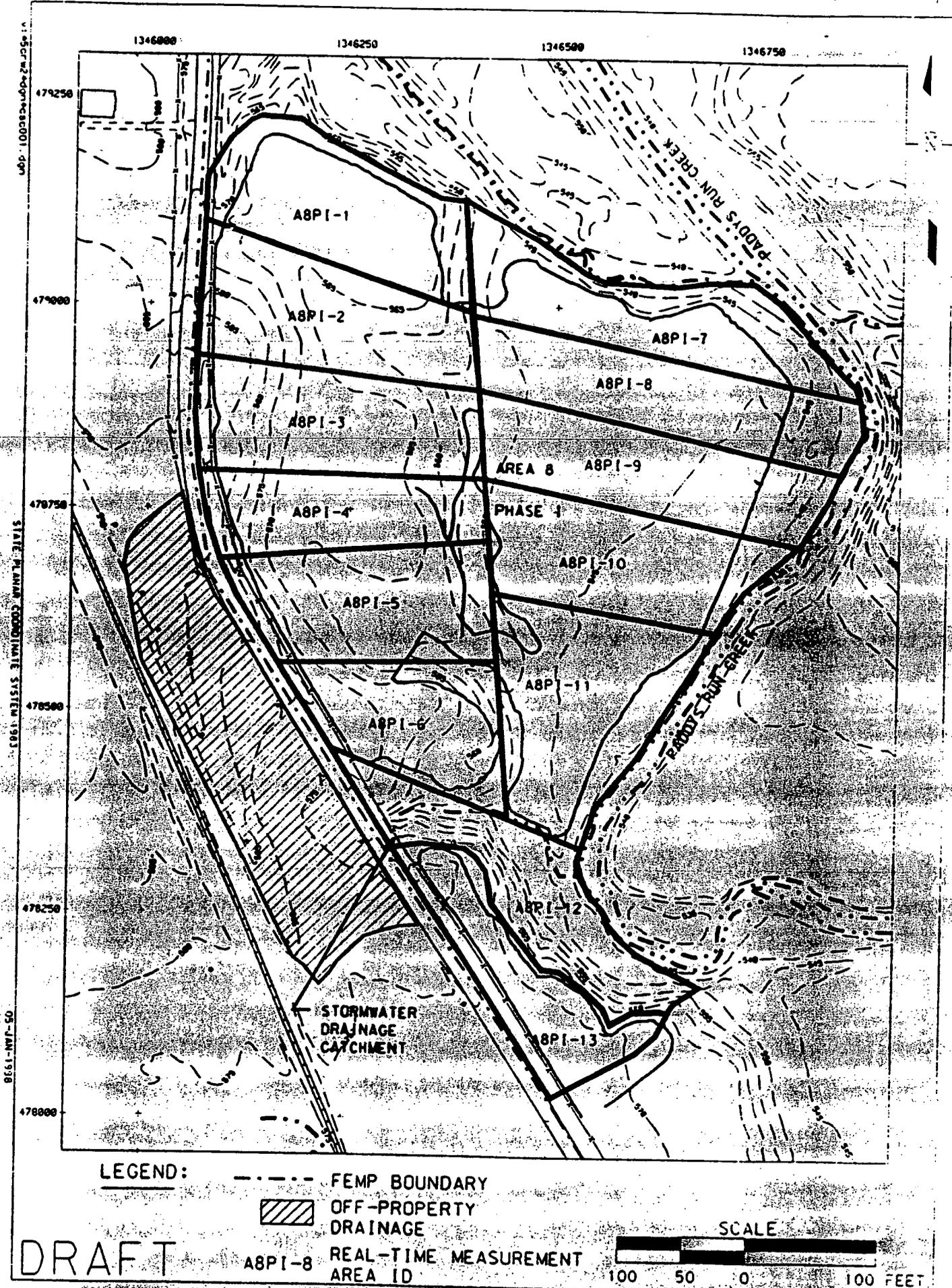


FIGURE 2-2. REAL-TIME MEASUREMENT AREAS IN A8PI