

Brent, Thomas CIV NAVSURFWARCENDIV Crane, Code RP3-TB

From: DOUG GRIFFIN [DGRIFFIN@dem.state.in.us]
Sent: Wednesday, February 02, 2005 1:33 PM
To: Brent, Thomas CIV NAVSURFWARCENDIV Crane, Code RP3-TB
Cc: Freeman, Christine CIV NAVSURFWARCENDIV Crane Code RP3-CF; Gates, William H CIV EFDSOUTH
Subject: Re: FW: B2930 Sample Locations - Proposed. Building 2930 Write-up

That looks fine for screening in a situation like this. Go ahead.

>>> "Brent, Thomas CIV NAVSURFWARCENDIV Crane, Code RP3-TB" <thomas.brent@navy.mil> 1/31/05 4:39:47 PM >>>
Doug,

Wanted to go ahead and get this to you. There's a slight chance we might revise the sample nomenclature. Please let us know as soon as possible if you see anything that you feel needs changed. Note that the field work is scheduled for this Friday, February 4th.

Thanks,
Tom

P.S. My machine is on the blink - it's a long story, but if you can't read the attachments, please let Christine know and she can reply with the attachments.

-----Original Message-----

From: Basinski, Ralph [mailto:BasinskiR@ttnus.com]
Sent: Mon 1/31/2005 2:42 PM
To: Gates, William H CIV EFDSOUTH; Brent, Thomas CIV NAVSURFWARCENDIV Crane, Code RP3-TB; Rojahn, Terry
Cc:
Subject: B2930 Sample Locations - Proposed, Building 2930 Write-up

Bill and Tom:

The Building 2930 write-up is attached for your use.

Tom, Please provide a copy to Terry so that he can check sample nomenclature and whether sufficient direction is provided to the field staff.

Ralph
<<B2930 Sample Locations - Proposed.pdf>> <<Building 2930 Writeup.doc>>

**BUILDING 2930
SOIL MONITORING PROGRAM
NAVAL SURFACE WARFARE CENTER (NSWC) CRANE
CRANE, INDIANA**

BACKGROUND

Building 2930 is an explosives handling facility. The Navy has conducted a study for the potential for explosives contamination to have been released as the result of operations involving explosives which have been conducted at Building 2930. The Indiana Department of Environmental Management (IDEM) has reviewed the information provided by the Navy. IDEM has agreed that No further Action (NFA) is necessary for Building 2930. However, IDEM has required that an Environmental Notice be placed on the property. The intent of the Environmental Notice is to make future users of the property aware that additional investigations may be necessary to determine whether explosives are present.

The Navy is planning to construct a new building, which include the footprint of Building 2930. In order to provide a basis for planning and funding, it is necessary to conduct a soil sampling program to determine whether explosives are present in concentrations that could result in potential risks to construction workers.

FIELDWORK

The attached figure "Proposed Sample Locations 2930 PCA – MRP & MilCon" shows the locations where samples will be collected. Samples will be collected on the northwest side of B-2930. Samples will be collected on the northwest side of Building 2930 based on the location of historical operations conducted at B2930. The following surface soil (0 – 2 feet) samples will be collected using direct push technology techniques (DPT).

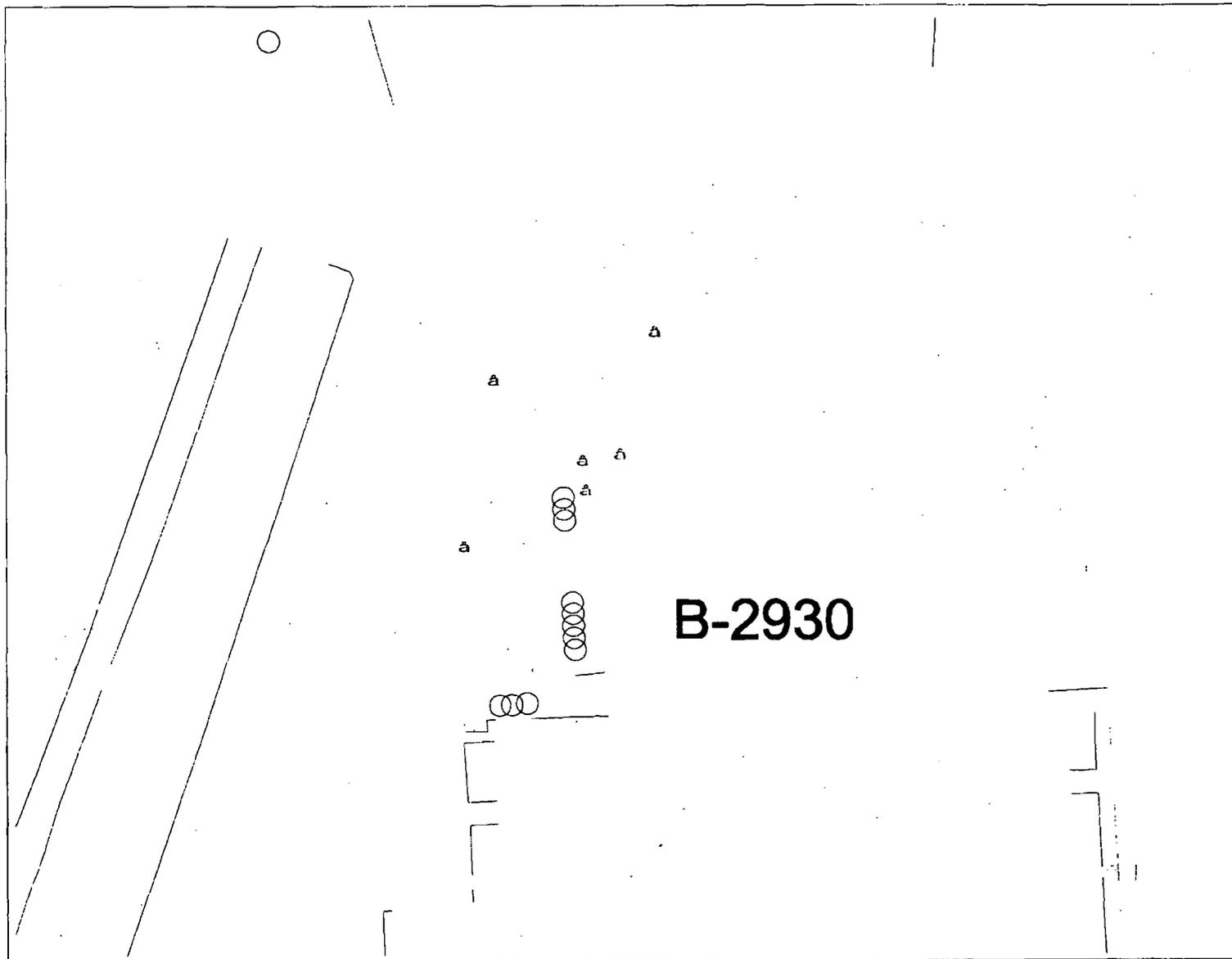
- Three grab samples will be collected five feet from the wall. The grab samples will be composited into one composite sample.
- Three grab samples will be collected thirty feet from the wall. The grab samples will be composited into one composite sample.
- Three grab samples will be collected fifty feet from the wall. The grab samples will be composited into one composite sample.

The locations, where each of the grab samples are collected, will be described in terms of distance and direction from the corner of Building 2930. Following is a list of the composite samples and the grab samples which will comprise the composite sample.

B2930SSCP0010002 (B2930SS001A, B, and C)
B2930SSCP0020002 (B2930SS002A, B, and C)
B2930SSCP0030002 (B2930SS003A, B, and C)

Each of the three composite samples will be analyzed for explosives using US EPA SW846 Method 8330. The laboratory and field procedures, including fieldwork documentation and quality assurance procedures that will be utilized, are those that are described in the following IDEM-approved Quality Assurance Project Plan (QAPP).

Quality Assurance Project Plan for RCRA Facility Investigation at Building 106 Pond (SWMU 8) Roads and Grounds Area (SWMU 15) AND Environmental Indicator Investigation for SWMU 18 (Load and Fill Area buildings), SWMU 19 (Pyrotechnic Test Area), SWMU 20 (Crane Army Ammunition Activity Quality Assurance/Quality Control Test Area) and the Old Gun Tub Storage Lot dated September 2004..



- ⊖ Borings - 5' from wall - composite
- Borings - 30' from wall - composite
- ⊕ Includes area identified on Fig. 5.3-1
- ⊖ Borings - 50' from wall - composite

**Proposed Sample Locations
2930 PCA - MRP & MilCon**

