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**From:** Newman, Barbara H NAE  
**Sent:** Friday, March 09, 2007 10:02 AM  
**To:** 'Walter, Nelson'  
**Cc:** Taylor, William C NAE; Barbour, Eric W NAB  
**Subject:** RE: CE Building 3 additional investigation (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Nelson,

Here are some answers to your questions. Sorry it has taken this long

1. Locations of samples. I plan on coming out to CE with my spray paint can and marking the locations beforehand for mostly all samples. I will try and get coordinates for the samples taken outside - that is a good idea.
2. The number of wells should be six, not eight. Must have eliminated two wells from a prior SOW.
3. That is fine, send us a table of sample IDs or bring them to the meeting.
4. We can talk about schedule at the meeting. 3/16/07 is unreasonable at this point.
5. The sampling below pavement at the point you reach soil is fine. Considering there is probably fill under the building, you may have to drill a bit further than just below concrete. Let's talk about this at the meeting.
6. I will get back to you on this shortly.

Barbara Newman  
USACE  
696 Virginia Road  
Concord, MA 01742  
978-318-8515

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

From: Walter, Nelson [mailto:NWalter@mactec.com]  
Sent: Thursday, March 08, 2007 11:40 PM  
To: Newman, Barbara H NAE  
Subject: FW: CE Building 3 additional investigation

Please check on the questions below

Thanks

N

Nelson Walter, PE  
Project Manager  
MACTEC, Inc  
PO Box 7050  
511 Congress St.  
Portland, ME 04112  
phone: (207) 828-3637  
fax: (207) 772-4762  
cell: (207) 651-0315  
nwalter@mactec.com

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From: Walter, Nelson  
Sent: Monday, February 26, 2007 9:53 AM  
To: 'Newman, Barbara H NAE'  
Subject: RE: CE Building 3 additional investigation

Barbara

Just checking in – do you have answers for us yet?

Thanks

N

Nelson Walter, PE  
Project Manager  
MACTEC, Inc  
PO Box 7050  
511 Congress St.  
Portland, ME 04112  
phone: (207) 828-3637  
fax: (207) 772-4762  
cell: (207) 651-0315  
nwalter@mactec.com

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From: Walter, Nelson  
Sent: Tuesday, February 13, 2007 4:34 PM  
To: 'Newman, Barbara H NAE'  
Subject: CE Building 3 additional investigation

Barbara

We've had a chance to complete an initial review of the documents. We didn't see much that we had any issue with so far. We do have a few questions after our initial reading:

1. Are the locations of the 13 outside borings all re-sampling at previous borings? We need coordinates and IDs of the previous borings to navigate to. If not we will just complete them at the approximate positions shown.
2. The text states that 8 groundwater samples are to be collected but lists 6 wells (one or both of the other samples may be from background well, but that isn't clear from the Plan).
3. The sample numbering scheme needs some clarification. We could develop a table of all IDs and forward to you for approval if that's ok.
4. Schedule shows sampling finish by 3/16/2007. That may not be possible. We need final approval of approach (are your plans final now?), and we need to contract subs.
5. Shallow soil sample intervals are variously stated at 0-1 or 0 to 0.5 feet – We'd suggest that the top depth of shallow soil samples would be at first soil below pavement or floor slab and that we would composite from a 1 foot interval starting at that depth.
6. Equipment rinseate blanks are specified at one per day per crew per activity – This seems overkill, we would recommend one rinseate for drilled borings and one for groundwater sampling only.

Let me know what you think

Thanks

Nelson

Nelson Walter, PE

Project Manager

MACTEC, Inc

PO Box 7050

511 Congress St.

Portland, ME 04112

phone: (207) 828-3637

fax: (207) 772-4762

cell: (207) 651-0315

nwalter@mactec.com

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

From: Newman, Barbara H NAE [mailto:Barbara.H.Newman@nae02.usace.army.mil]

Sent: Wednesday, February 07, 2007 1:00 PM

To: Walter, Nelson

Subject: RE: CE Follow Up (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

????Bud send to CE and you the work plan a week ago. We are waiting to hear

your comments.

Barbara Newman

USACE

696 Virginia Road

Concord, MA 01742

978-318-8515

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

From: Walter, Nelson [mailto:NWalter@mactec.com]

Sent: Wednesday, February 07, 2007 10:19 AM

To: Newman, Barbara H NAE

Subject: RE: CE Follow Up (UNCLASSIFIED)

Any update on the status of the workplan?

Nelson

Nelson Walter, PE

Project Manager

MACTEC, Inc

PO Box 7050

511 Congress St.

Portland, ME 04112

phone: (207) 828-3637

fax: (207) 772-4762

cell: (207) 651-0315

nwalter@mactec.com

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

From: Newman, Barbara H NAE

[mailto:Barbara.H.Newman@nae02.usace.army.mil]

Sent: Monday, January 29, 2007 8:59 AM

To: Walter, Nelson

Subject: RE: CE Follow Up (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

YEA!!!!.

Thanks.. Can't wait to get out there.

Barbara Newman

USACE

696 Virginia Road

Concord, MA 01742

978-318-8515

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

From: Walter, Nelson [mailto:NWalter@mactec.com]

Sent: Friday, January 26, 2007 9:34 PM

To: Barbour, Eric W NAB

Cc: Newman, Barbara H NAE

Subject: RE: CE Follow Up (UNCLASSIFIED)

Attached are the RPPs. Plse call me with any questions

Nelson

Nelson Walter, PE

Project Manager

MACTEC, Inc

PO Box 7050

511 Congress St.

Portland, ME 04112

phone: (207) 828-3637

fax: (207) 772-4762

cell: (207) 651-0315

nwalter@mactec.com

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

From: Barbour, Eric W NAB [mailto:Eric.W.Barbour@nab02.usace.army.mil]

Sent: Monday, January 22, 2007 4:18 PM

To: Walter, Nelson

Cc: Newman, Barbara H NAE

Subject: RE: CE Follow Up (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Nelson,

I replaced the SOPs with the following from your full SOP list. Would you please send me these RPPs so that we can review them and ultimately include them with the WP addendums? Are they available electronically?

RPP-3 Radiation Work Permits

RPP-4 Radiological Surveys

RPP-5 Radiological Posting and Labeling

RPP-6 Access to Radiological Areas

RPP-7 Training and Qualification

RPP-8 Area Air Sampling

RPP-12 Operation of Portable Radiological Survey Instruments

RPP-13 Calibration and Quality Control of Portable Radiological Survey Instruments

RPP-15 Calibration of Low Volume Air Samplers

RPP-20 Internal and External Personnel Monitoring

RPP-23 Gross Alpha/Beta Analyses of Liquid Samples

RPP-26 Radiological Waste Handling

Thanks,

Eric



Eric Barbour

Health Physicist

USACE - Baltimore District

Phone 443.844.8173

Fax 617.481.0413

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

From: Walter, Nelson [mailto:NWalter@mactec.com]

Sent: Monday, January 08, 2007 3:23 PM

To: Barbour, Eric W NAB; Newman, Barbara H NAE

Cc: Shephard, Eugene

Subject: RE: CE Follow Up

Barbara/Eric

Attached are two lists of procedures that we'd like to use for the Building 3 sampling work. The first is the list of Radiation Protection Procedures for the CE site, which cover most if not all of the activities. The second is the Table of Contents from the CE Windsor QAPP under which we've conducted all our previous sampling.

We'd prefer this approach as these have been reviewed and approved by CE and EPA/NRC, and we would want our work to be consistent with these regardless. In addition, these should be acceptable to USACE as our sampling data was used in the FUSRAP RI and we followed these procedures during those sampling activities.

I can get full copies of this information if this approach seems acceptable.

Nelson

Nelson Walter, PE

Project Manager

MACTEC, Inc

PO Box 7050

511 Congress St.

Portland, ME 04112

phone: (207) 828-3637

fax: (207) 772-4762

cell: (207) 651-0315

nwalter@mactec.com

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From: Barbour, Eric W NAB [mailto:Eric.W.Barbour@nab02.usace.army.mil]

Sent: Tuesday, December 19, 2006 2:15 PM

To: Walter, Nelson

Subject: CE Follow Up

Nelson,

I spoke with Barbara about forwarding you the current draft of the Work Plans for the CE effort. She said it would be best if you contacted her for the work plans. Note that I just received the report on the Bldg 3 survey and it is indeed a Mactec document.

Please give me a call or an email when you evaluate which SOPs might be pertinent and also which ones Mactec may have available from the list I sent you.

Thanks,

Eric

Eric Barbour

Health Physicist

USACE - Baltimore District

Phone 443.844.8173

Fax 617.481.0413

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From: Barbour, Eric W NAB

Sent: Thu 12/14/2006 3:23 PM

To: [nwalter@mactec.com](mailto:nwalter@mactec.com)

Subject: CE SOPs

The SOPs that we should request are listed below.

## ENSR SOPS

1007

7110

7111

7115

7120

7150

7220

7221

7315

7450

7510

7600

Duratek SOPs

REDS-PDC-104

REFS-QA-2.1

REFS-QA-5.1

REFS-QA-12.1

REFS-QA-15.1/16.1

REFS-QA-17.1

REFS-QA-18.1

REDS-CHM-101

REDS-CHM-216

REDS-CHR-107

REDS-CHR-108

REDS-CSA-203

REDS-INST-100

REDS-INST-101

REDS-INST-102

REDS-INST-104

REDS-INST-105

REDS-INST-201

REFS-INST-206

REDS-INST-207

REFS-INST-208

REDS-INST-209

REDS-INST-213

REDS-INST-313

RP-INS-245

RP-INS-I-231

REDS-OPS-301

REDS-OPS-302

REDS-RW-302

REDS-RW-305

REDS-RW-308

REDS-RW-401

REDS-RW-402

REDS-RW-404

REDS-RW-405

REDS-RW-406



REDS-RW-407

REDS-RW-502

Classification: UNCLASSIFIED

Caveats: NONE

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