

MEETING MINUTES

MAY 11, 2000

INDIAN HEAD PARTNERING TEAM MEETING

WISP MOUNTAIN RESORT HOTEL & CONFERENCE CENTER

The Partnering Team meeting was held on May 11, 2000, at the Wisp Mountain Resort Hotel & Conference Center in McHenry, MD. The following personnel attended the meeting:

Ed Corack – CH2M HILL

Curtis DeTore – Maryland Department of the Environment

Janet Eastman – Management Edge

Anne Estabrook – CH2M HILL

Steve Hirsh – Tier II link (host)

Shawn Jorgensen – NSWC Indian Head

George Latulippe – Tetra Tech NUS

Heidi McArthur – NSWC Indian Head

Dennis Orenshaw – US Environmental Protection Agency, Region III

Bob Root – CH2M HILL (by conference call)

Rob Sadorra – EFACHES

Thursday, May 11, 2000

- **Introductions** by everyone ⇒ familiarizing group, catching up: Curtis DeTore (chair), Shawn Jorgensen (member facilitator today), George Latulippe (time keeper), Heidi McArthur (scribe), Dennis Orenshaw, Rob Sadorra, Janet Eastman, Anne Estabrook, and Ed Corack (minutes).

- **Review today's agenda**

- **Review last meeting's minutes**

(postpone until next meeting because all members did not receive / review April 18-19, 2000 meeting minutes)

- **Review deliverables package**

Various edits

Change cover page to current partnering cover page, but change to be called "partnering deliverables" instead of "partnering notebook."

Produce in small three-ring binder

Add TtNUS and CH2M HILL logos to cover page / spine

Add "Contacts" page after TOC. Dated page. Details partner name, title, address, email address and phone number.

ACTION: George, send TtNUS logo to Ed for deliverable cover page by 5/19/00.

ACTION: Ed, email revised deliverable cover sheet to team members by 5/19/00.

ACTION: Rob, update Two Year Goal Plan / Quarterly Report Format for deliverable package and send to Ed by 5/19/00.

ACTION: Janet, re-evaluate Model Agenda by 5/19/00.

ACTION: Ed, email edited deliverable package to all by 5/26/00.

ACTION: All, email comments and changes to deliverable package (reply to all) by 5/31/00.

ACTION: Anne, send deliverable package to Janet and Tier II *electronically* on 6/2/00.

ACTION: Anne, bring copies of draft deliverable package for team to next meeting on 6/28/00.

- **Scheduling Issues / Technical Discussions**

Anne posts whiteboard paper from last meeting, and Dennis leads discussion / reviewing our notes.

New whiteboard page:

Make best use of time available (e.g., working lunches and/or evening sessions if appropriate).

Schedule longer meetings if appropriate (e.g., 2 full days, or 3 days).

Focus goal:

- 1) Limit tangents.
- 2) Define goal; discussion leader to agenda maker, team agreement during conference call.
- 3) Restate goal at beginning of discussion.

Look for opportunities to have offline discussions for technical issues.

DECISION: We may start at 8:00 a.m. on first day to get two extra hours, depending on the number of topics. This will modify our model agenda.

DECISION: Goal(s) of discussion must be more specific than "discuss topic." The goal(s) and outcome(s) should be proposed by the person leading the discussion, and should be relayed to the agenda-maker before meetings and/or conference calls. The team will give input on what goal(s)/outcome(s) should be during conference calls. The person should also restate the goal(s)/outcome(s) before the discussion at the meeting.

- **Anne: Sites 50, 54, and 55 Discussion**

Goal(s): Do we combine sites into one site to include surface soil sampling? Scope of sampling.

DECISION: Proceed with workplan, Chapters 1 and 2 are for Sites 49, 15, 16, 53, and Chapter 3 is for Sites 50, 54, 55, and surrounding soils.

DECISION: Draw larger boundary to include Building 600 and Building 556.

DECISION: Call the sites: Sites 49, 15, 16, 53 (Lab Area Sewer System) and Sites 50, 54, and 55 (The Lab Area Surface Soil).

If mercury is a continuing source, then we should start from the inside of buildings and work our way out.

ERN dollars cannot be used to make the building operable. Indian Head IR money may not be able to help pay for remediation inside the building.

Sampling to see if it is an existing source of mercury or not seems impossible.

DECISION: Do not sample inside the buildings. Visual inspection of buildings . . . focus on outside of the buildings. Do not focus on subsurface soils and groundwater. Subsurface soil for sewer lines, only.

- **Anne with Bob Root on conference call: Site 47 Presentation / Scheduling**

PowerPoint slide show:



"Site 47 RI
Report.ppt"

Exceedances in surface soil samples were mostly on the northern side of building.

Note that there is a wide distribution of ecological exceedances around the facility.

Cadmium, copper, mercury, zinc, and lead probably site related.

May have a DNAPL carbon tetrachloride since solubility of in groundwater is not met.

GW02 may be a background well, however, groundwater flow direction appears variable.

Shawn asks about 16 to 25 degree temperature range in groundwater. Might be due to steam line by GW02.

Lead may present a disposal problem for concrete.

Anne points out that we have to consider the hypothetical on-site future residential, so we must add site soils to the human health risk assessment. For groundwater, the off-site resident was already, considered, so the risk assessment calculation will not change.

Recommendations:

SOIL:	<ul style="list-style-type: none"> Investigate potential continuing source of contaminants (esp. carbon tetrachloride and other VOCs) in subsurface soil Investigate at the former disposal pit and near well GW03 Use direct-push methods
SEDIMENT:	<ul style="list-style-type: none"> Sample surface water and sediment downstream from last Site 47 sample Only go as far as Caffee Road - removal action already performed beyond this Potential for groundwater discharge to drainage ditch
GROUNDWATER:	<ul style="list-style-type: none"> Evaluate extent of contamination, particularly by VOCs, using direct-push methods Investigate areal extent and integrity of underlying clay layer Install and sample shallow monitoring wells for confirmation of nature and extent of contamination and to determine groundwater-flow directions Install double-cased well through the underlying clay layer to evaluate deeper contamination and possible presence of DNAPL Evaluate the potential for natural attenuation as a supplementary remedial action
ECOLOGICAL:	<ul style="list-style-type: none"> Carry site through remainder of the 8-step process Collect and analyze additional soil and sediment samples and collect and analyze surface-water samples and perhaps food items Perform food-chain modeling

ACTION: Shawn and Heidi, get maps of utilities at Building 856 by 6/28/00.

ACTION: Shawn and Heidi, check to see if Buildings 856A and 856C are being used by 6/28/00.

ACTION: Shawn and Heidi, check with Code 04 safety to see if the industrial hygienist can sample Buildings 856A and 856C by 6/28/00.

ACTION: Anne, check with risk assessor for a time frame for the future residential scenario addendum to the Human Health Risk Assessment and send schedule to team by 5/19/00.

ACTION: All, comments on Draft Site 47 RI and the Human Health Addendum to Anne by 7/17/00.

WORKING LUNCH

- **Steve Hirsh Tier II input:**

Tier II is a developing thing, so they are evaluating what they should be doing, and there are ongoing decisions on the graduation criteria.

Indian Head Partnering Team is doing very well.

Make sure to turn in deliverable package by the end of May (but June 2nd is fine).

Quarterly Report: Tier II has not been demanding enough to receive it.

Steve: Will the team be able to turn in Quarterly Report in June?

Team: Yes, it will be in our deliverable package that you receive June 2nd.

We need to set our goals more conservatively, because missing goal deadlines is not good according to Tier II.

Training: Federal Facility remediation seminar this summer (June and July).
Deals with ROD and post-ROD issues for project managers.

EPA ROD training in July

DOD colloquium on remediation in Baltimore in August

- **Team reviews old and new action items:**

Update completed-on and change due dates

- **Go over Parking Lot:**

Note: Current Parking Lot is empty

- **Begin Closeout**

- **Summarize Decisions**

- **List agenda and con call agenda**

Agenda

- Review April Minutes
- Process for Tech sub groups
- ECO talk Mattawoman Creek
- Health Risk Assessment Addendum Site 47
- Tier II discussion of deliverable package
- Draft FS Sites 12,41,42

Con Call Agenda

Schedule for Sites 50,54,55 (next con call or emails) (Anne)

ACTION: George and Shawn, discuss Site 57 FS comments by 6/21/00 (by next conference call).

- **Team Reviews agenda for Meeting in Baltimore on 6/28/00 - 6/29/00** assigning goals, outcomes, and time period. 8:00 a.m. to 4:00 p.m. 5.5 hours available

- Review April Minutes (Curtis) (15 minutes)
- Process for Tech sub groups (Curtis)(1 hr)
- ECO talk Mattawoman Creek (Kent) (5 hr)
- Health Risk Assessment Addendum Site 47 (Anne) (1 hr)
- Tier II discussion of deliverable package (John Fairbanks) (30 min)
- Draft FS Sites 12,41,42 (George) (1 hr)

- **Future meetings:**

Date of meeting	28-29 June	25-26 July	30-31 August	27-28 September	25-26 October
Location	Baltimore	Herndon	Philadelphia	Indian Head	Pittsburgh
Host	CH2M HILL	Rob/ CH2M HILL	Dennis	Shawn	George
Chair	Curtis	Rob	Dennis	Shawn	Curtis
Scribe	Rob	Curtis	Shawn	Anne	Heidi
Time Keeper	Anne	Dennis	Heidi	Rob	Dennis

- **Team plans conference call before next meeting:**
Wednesday, 6/21/00 at 10:00 a.m. – set up by Anne
- **Evaluations:**
(Separate file)

Actions Items Completed Since Last Meeting

Goal Number	Goal	Status of Goal	Action Number	Action	Person Responsible for Action	Date Action Created	Status of Action	Date Action Must Be Completed
1	Sign Record of Decision for Sites 12, 41, 42, and 44 by 04/04/01: (a) Finalize Feasibility Study by 04/19/00 (b) Finalize Proposed Plan by 09/13/00	In progress	62	Find out from BTAG about suitability of grasses/rocks for biotic layer at Site 12	Dennis Orenshaw	02/29/00	Completed on 4/23/00	Completed
1	Sign Record of Decision for Sites 12, 41, 42, and 44 by 04/04/01: (a) Finalize Feasibility Study by 04/19/00 (b) Finalize Proposed Plan by 09/13/00	In progress	64	Check with BTAG on covering for shore line (armor/gabion/vegetation) and tell George	Dennis Orenshaw	03/01/00	Completed on 4/23/00	Completed
1	Sign Record of Decision for Sites 12, 41, 42, and 44 by 04/04/01: (a) Finalize Feasibility Study by 04/19/00 (b) Finalize Proposed Plan by 09/13/00	In progress	68	Site 42 suitability of Alternatives 2 and 3, screen alternatives for possible stops, and check on variance and tell George	Dennis Orenshaw	03/01/00	Completed on 4/23/00	Completed
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	101	Do they sample and/or clean out influent at pump station near Bldg 436?	Shawn Jorgensen	04/18/00	Completed on 4/28/00	Completed
5	Finalize Remedial Investigation Report for Sites 11, 13, 17, 21, and 25 by 0417/02: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	102	Send comments on Sites 11, 13, 17, 21, 25 WP and Master WP Addendum to Anne	Rob Sadorra	04/19/00	Completed on 4/28/00	Completed
5	Finalize Remedial Investigation Report for Sites 11, 13, 17, 21, and 25 by 0417/02: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	102	Send comments on Sites 11, 13, 17, 21, 25 WP and Master WP Addendum to Anne	Shawn Jorgensen	04/19/00	Completed on 4/28/00	Completed
9	Complete Partnering Deliverables by 04/30/00	In progress	91	Add "success stories" row to bottom of quarterly report table	Rob Sadorra	03/29/00	Completed on 5/5/00	Completed

ACTION ITEMS COMPLETED SINCE LAST MEETING

Goal Number	Goal	Status of Goal	Action Number	Action	Person Responsible for Action	Date Action Created	Status of Action	Date Action Must Be Completed
11	Wisp Presentation	In progress	89	Bring laptop to Wisp meeting with presentation on it, and hard copies of overheads	Rob Sadorra	03/29/00	Completed on 5/7/00	Completed
3	Finalize Remedial Investigation Report for Site 47 by 07/17/00: (a) Complete Draft Final of the Remedial Investigation by 05/08/00	In progress	113	Submit Draft Site 47 RI	Anne Estabrook	04/19/00	Completed on 5/9/00	Completed
5	Finalize Remedial Investigation Report for Sites 11, 13, 17, 21, and 25 by 0417/02: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	72	Find letter from Army Corps of Engineers about removing fill placed at Site 11 and give info to Anne	Shawn Jorgensen	03/01/00	Completed on 5/11/00	OBE
9	Complete Partnering Deliverables by 04/30/00	In progress	121	Re-evaluate Model Agenda .	Janet Eastman	05/11/00	Completed on 5/11/00	Completed
10	Become a Self-Facilitating Partnering Group by 10/01/00	In progress	115	Add to duties of Scribe deliverable "Make a list of open parking lot items before meetings"	Ed Corack	04/19/00	Completed on 5/11/00	Completed
10	Become a Self-Facilitating Partnering Group by 10/01/00	In progress	117	Bring hard copies of all team deliverables to next meeting	Ed Corack	04/19/00	Completed on 5/11/00	Completed
5	Finalize Remedial Investigation Report for Sites 11, 13, 17, 21, and 25 by 0417/02: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	103	Make necessary changes to Sites 11, 13, 17, 21, 25 WP and Master WP Addendum and send additional copies and .pdf file to Rob and Shawn for distribution to the RAB	Anne Estabrook	04/19/00	Completed on 5/12/00	Completed
9	Complete Partnering Deliverables by 04/30/00	In progress	118	Send TtNUS logo to Ed for deliverable cover page.	George Latulippe	05/11/00	Completed on 5/16/00	Completed

Open Action Items

Goal Number	Goal	Status of Goal	Action Number	Action	Person Responsible for Action	Date Action Created	Status of Action	Date Action Must Be Completed
1	Sign Record of Decision for Sites 12, 41, 42, and 44 by 04/04/01: (a) Finalize Feasibility Study by 04/19/00 (b) Finalize Proposed Plan by 09/13/00	In progress	83	Provide written comments on Sites 12, 41, 42 FS to George	All Core Team	03/01/00	In progress	05/19/00
9	Complete Partnering Deliverables by 04/30/00	In progress	123	Email comments and changes to deliverable package (reply to all).	All Core Team	05/11/00	In progress	05/31/00
3	Finalize Remedial Investigation Report for Site 47 by 07/17/00: (a) Complete Draft Final of the Remedial Investigation by 05/08/00	In progress	130	Send comments on Draft Site 47 RI and the Human Health Addendum to Anne.	All Core Team	05/11/00	In progress	07/17/00
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	107	Submit Draft Sites 15, 16, 49, 53.WP	Anne Estabrook	04/19/00	In progress	TBD
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	109	Make necessary changes to Sites 15, 16, 49, 53 WP and send additional copies and .pdf file to Rob and Shawn for distribution to the RAB	Anne Estabrook	04/19/00	In progress	TBD
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	112	Submit Final Sites 15, 16, 49, 53 WP	Anne Estabrook	04/19/00	In progress	TBD

Goal Number	Goal	Status of Goal	Action Number	Action	Person Responsible for Action	Date Action Created	Status of Action	Date Action Must Be Completed
3	Finalize Remedial Investigation Report for Site 47 by 07/17/00: (a) Complete Draft Final of the Remedial Investigation by 05/08/00	In progress	129	Ask for a future residential scenario for Human Health Assessment.	Anne Estabrook	05/11/00	In progress	05/19/00
9	Complete Partnering Deliverables by 04/30/00	In progress	124	Send deliverable package to Janet and Tier II <i>electronically</i> .	Anne Estabrook	05/11/00	In progress	06/02/00
9	Complete Partnering Deliverables by 04/30/00	In progress	125	Bring copies of draft deliverable package for team to next meeting.	Anne Estabrook	05/11/00	In progress	06/28/00
5	Finalize Remedial Investigation Report for Sites 11, 13, 17, 21, and 25 by 04/17/02: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	106	Submit Final Sites 11, 13, 17, 21, 25 WP and Master WP Addendum	Anne Estabrook	04/19/00	In progress	07/07/00
10	Become a Self-Facilitating Partnering Group by 10/01/00	In progress	To be defined	To be defined	Core team	10/27/99	In progress	10/01/00
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	110	Send comments on Sites 15, 16, 49, 53 WP and Master WP Addendum to Anne	Curtis DeTore	04/19/00	In progress	TBD
5	Finalize Remedial Investigation Report for Sites 11, 13, 17, 21, and 25 by 04/17/02: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	104	Send comments on Sites 11, 13, 17, 21, 25 WP and Master WP Addendum to Anne	Curtis DeTore	04/19/00	In progress	06/16/00

Goal Number	Goal	Status of Goal	Action Number	Action	Person Responsible for Action	Date Action Created	Status of Action	Date Action Must Be Completed
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	110	Send comments on Sites 15, 16, 49, 53 WP and Master WP Addendum to Anne	Dennis Orenshaw	04/19/00	In progress	TBD
2	Finalize Treatability Report for Site 57 by 03/13/01: (a) Finalize Remedial Investigation by 03/07/00 (b) Finalize Treatability Study Work Plan by 07/04/00	In progress	93	Gather comments on Site 57 RI to give to George	Dennis Orenshaw	03/29/00	In progress	05/19/00
To be defined	To be defined	To be defined	116	Check on BTAG's availability for 27-29 June	Dennis Orenshaw	04/19/00	In progress	05/19/00
5	Finalize Remedial Investigation Report for Sites 11, 13, 17, 21, and 25 by 04/17/02: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	104	Send comments on Sites 11, 13, 17, 21, 25 WP and Master WP Addendum to Anne	Dennis Orenshaw	04/19/00	In progress	06/16/00
9	Complete Partnering Deliverables by 04/30/00	In progress	119	Email revised deliverable cover sheet to team members.	Ed Corack	05/11/00	In progress	05/19/00
9	Complete Partnering Deliverables by 04/30/00	In progress	122	Email edited deliverable package to all.	Ed Corack	05/11/00	In progress	05/26/00
2	Finalize Treatability Report for Site 57 by 03/13/01: (a) Finalize Remedial Investigation by 03/07/00 (b) Finalize Treatability Study Work Plan by 07/04/00	In progress	131	George and Shawn, discuss Site 57 FS comments.	George Latulippe	05/11/00	In progress	06/21/00

Goal Number	Goal	Status of Goal	Action Number	Action	Person Responsible for Action	Date Action Created	Status of Action	Date Action Must Be Completed
3	Finalize Remedial Investigation Report for Site 47 by 07/17/00: (a) Complete Draft Final of the Remedial Investigation by 05/08/00	In progress	126	Get maps of utilities at Building 856.	Heidi McArthur	05/11/00	In progress	06/28/00
3	Finalize Remedial Investigation Report for Site 47 by 07/17/00: (a) Complete Draft Final of the Remedial Investigation by 05/08/00	In progress	127	Check to see if Buildings 856A and 856C are being used.	Heidi McArthur	05/11/00	In progress	06/28/00
3	Finalize Remedial Investigation Report for Site 47 by 07/17/00: (a) Complete Draft Final of the Remedial Investigation by 05/08/00	In progress	128	Check with Code 04 safety to see if the industrial hygienist can sample Buildings 856A and 856C.	Heidi McArthur	05/11/00	In progress	06/28/00
1	Sign Record of Decision for Sites 12, 41, 42, and 44 by 04/04/01: (a) Finalize Feasibility Study by 04/19/00 (b) Finalize Proposed Plan by 09/13/00	In progress	98	Would institutional controls (i.e. restricting work on pipes to hazwoper contractor) be able to be implemented?	Heidi McArthur	03/29/00	In progress	08/01/00
1	Sign Record of Decision for Sites 12, 41, 42, and 44 by 04/04/01: (a) Finalize Feasibility Study by 04/19/00 (b) Finalize Proposed Plan by 09/13/00	In progress	114	Ask Simeon about TIE approach and call labs to obtain cost of testing.	Kent Cabbage	04/19/00	In progress	05/19/00
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	108	Send major comments on Sites 15, 16, 49, 53 WP to Anne	Rob Sadorra	04/19/00	In progress	TBD
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	111	Send RAB comments on Sites 15, 16, 49, 53 WP and Master WP Addendum to Anne	Rob Sadorra	04/19/00	In progress	TBD

Goal Number	Goal	Status of Goal	Action Number	Action	Person Responsible for Action	Date Action Created	Status of Action	Date Action Must Be Completed
9	Complete Partnering Deliverables by 04/30/00	In progress	120	Update Two Year Goal Plan / Quarterly Report Format for deliverable package and send to Ed.	Rob Sadorra	05/11/00	In progress	05/19/00
5	Finalize Remedial Investigation Report for Sites 11, 13, 17, 21, and 25 by 04/17/02: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	105	Send RAB comments on Sites 11, 13, 17, 21, 25 WP and Master WP Addendum to Anne	Rob Sadorra	04/19/00	In progress	06/16/00
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	108	Send major comments on Sites 15, 16, 49, 53 WP to Anne	Shawn Jorgensen	04/19/00	In progress	TBD
4	Finalize Remedial Investigation Report for Sites 15, 16, 49, and 53 by 04/06/01: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	111	Send RAB comments on Sites 15, 16, 49, 53 WP and Master WP Addendum to Anne	Shawn Jorgensen	04/19/00	In progress	TBD
5	Finalize Remedial Investigation Report for Sites 11, 13, 17, 21, and 25 by 04/17/02: (a) Finalize Work Plan by 04/28/00 (b) Complete Draft Final Remedial Investigation report by 02/09/01	In progress	105	Send RAB comments on Sites 11, 13, 17, 21, 25 WP and Master WP Addendum to Anne	Shawn Jorgensen	04/19/00	In progress	06/16/00

OPEN ACTION ITEMS

Goal Number	Goal	Status of Goal	Action Number	Action	Person Responsible for Action	Date Action Created	Status of Action	Date Action Must Be Completed
2	Finalize Treatability Report for Site 57 by 03/13/01: (a) Finalize Remedial Investigation by 03/07/00 (b) Finalize Treatability Study Work Plan by 07/04/00	In progress	131	George and Shawn, discuss Site 57 FS comments.	Shawn Jorgensen	05/11/00	In progress	06/21/00
3	Finalize Remedial Investigation Report for Site 47 by 07/17/00: (a) Complete Draft Final of the Remedial Investigation by 05/08/00	In progress	126	Get maps of utilities at Building 856.	Shawn Jorgensen	05/11/00	In progress	06/28/00
3	Finalize Remedial Investigation Report for Site 47 by 07/17/00: (a) Complete Draft Final of the Remedial Investigation by 05/08/00	In progress	127	Check to see if Buildings 856A and 856C are being used.	Shawn Jorgensen	05/11/00	In progress	06/28/00
3	Finalize Remedial Investigation Report for Site 47 by 07/17/00: (a) Complete Draft Final of the Remedial Investigation by 05/08/00	In progress	128	Check with Code 04 safety to see if the industrial hygienist can sample Buildings 856A and 856C.	Shawn Jorgensen	05/11/00	In progress	06/28/00
1	Sign Record of Decision for Sites 12, 41, 42, and 44 by 04/04/01: (a) Finalize Feasibility Study by 04/19/00 (b) Finalize Proposed Plan by 09/13/00	In progress	98	Would institutional controls (i.e. restricting work on pipes to hazwoper contractor) be able to be implemented?	Shawn Jorgensen	03/29/00	In progress	08/01/00
1	Sign Record of Decision for Sites 12, 41, 42, and 44 by 04/04/01: (a) Finalize Feasibility Study by 04/19/00 (b) Finalize Proposed Plan by 09/13/00	In progress	95	Get 1.5-acre vegetative barrier estimate from Aberdeen group and give to George	Steve Hirsh	03/29/00	In progress	06/28/00