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NSA PANAMA CITY
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DRAFT MINUTES AND AGENDA FOR PARTNERING TEAM MEETING DATED 30 JANUARY
2008 CSS PANAMA CITY FL
1/30/2008
TETRA TECH

**Naval Support Activity Panama City
Partnering Meeting Draft Agenda
January, 30, 2008
Tallahassee, Florida**

**Leader: Tom Johnston
Scribe: Katie Newman
Timekeeper: Arturo MacDonald**

	Item	Description	Presenter	Time	Category
	1	Check-In/ Opening Remarks/ Resource Sharing/ Announcements/ Head Count and Proxies/ Guests/ Review Ground Rules/ Action Item & Parking Lot Review/ Approve minutes/Agenda changes	Tom	8:30-9:15	Info
	2	Tier II Update	Rich	9:15-9:30	Info
	3	Document Tracking List (How to use it, i.e. for future only or future + past documents)	Tom	9:30-9:50	Info
	4	Petroleum Site Update – with concurrent Exit Strategy and Document Tracking List update			Info
	5	G300 – Sock status and plans for sampling	Larry	9:50-10:00	Update
	6	AOC 2 Free Product Removal – Monitoring	Larry/Bill	10:00-10:15	Update
	7	USTs 1 & 3 (Sites 325 & 278) LTM	Bill	10:15-10:30	Update
		Break	All	10:30-10:45	
	8	Non-Petroleum Site Update - with concurrent Exit Strategy and Document Tracking List update			Info
	9	SWMU 3/9/10/AOC 1 RFI Addendum Revision 2	Tom	10:45-11:05	FDEP Approval*
	10	SWMU 2 Final CMS	Tom/Tracie	11:05-11:15	FDEP formal Approval
	11	SWMU 2 Final SOB (Public comment ending 01/31/08) and concurrence letters	Tom/Tracie	11:15-11:30	FDEP Approval
	12	SWMU 2 Draft CMIP	Tom/Tracie	11:30:-11:40	FDEP Approval
	13	SWMU 2 Draft LTM Round 1 Report	Tom/Tracie	11:40-12:00	FDEP Approval
		Lunch	All	12:00-1:00	
	14	SWMU 3 Final SOB	Tom/Tracie	1:00-1:10	FDEP Approval
	15	SWMU 3 Draft CMIP	Tom/Tracie	1:10-1:20	FDEP Approval

	16	SWMU 10/AOC 1 Final SOB	Tom/Tracie	1:20-1:30	FDEP Approval
	17	SMWU 10 Draft CMIP	Tom/Tracie	1:30-1:40	FDEP Approval
	18	AOC 1 Draft CMIP	Tom/Tracie	1:40-1:55	FDEP Approval
	19	SWMU 10/AOC 1 LTM Year 2	Bill	1:55-2:15	Status
	20	Permit mod (Expiration extension, SWMU 9 NFA)	Tracie	2:15-2:30	FDEP Approval
		Break	All	2:30-2:45	
	21	Facilitator Training	Pete	2:45-3:15	Info
	22	Meeting Closeout – review action items, consensus items, +/-, next agenda	Tom	3:15– 4:00	Info

NA = Not applicable

* Failure to approve this document in January will require update to the SWMU 3 SOB and CMIP document references.

Meeting Schedule:

DRAFT

NSA Panama City Meeting Minutes
Tallahassee, Florida - TtNUS Office
January 30, 2008
(final)

Leader: Tom Johnston TtNUS TOM
Scribe: Katie Newman TtNUS

Attendees:

Tracie Bolanos	FDEP	John Winters	FDEP
Arturo McDonald	NSA PC	Mike Clayton	NSA PC
Pete Paznokas	Facilitator	Tom Johnston	TtNUS TOM
Larry Smith	TtNUS	Rich May	TtNUS Tier II Link

Item	Discussion/Status/Actions
Check-In – Tom Johnston	<p>A round table discussion was conducted to find out what each team member had been up to since our last face-to-face meeting.</p> <ul style="list-style-type: none"> • Bill Gates – He is not sure of the status of recruitment of follow-on personnel. August 30, 2008 is Bill's date of retirement. All of the interviewees have been geologists. Bill explained to John Winters the RPM system and how things work for NAVFAC. • Mike Clayton – Been at Navy base for 18 years. Wanted to be a part of the partnering team and explained to John how his job works into NAVFAC. His son has a touch of pneumonia, still working on getting over it. • Arturo MacDonald – Explained to John about his role in NAVFAC. Explained some of the history of NAVFAC and the changes that are going on. • Tom Johnston – Had meeting with Tracie and John yesterday to go over documents for today to get FDEP approval. Great meeting, helped explain to John what exactly he will be doing. • Tracie Bolanos – Introduced John to the team. Will be leaving the team, but is doing a tag team effort with John. Lost voice due to a cold. She was happy about meeting with Tom yesterday and proposed a meeting like that before every partnering meeting. • Rich May – Welcomed the Team to Tallahassee. • Larry Smith – Has nothing. • Pete Paznokas – His rental car was upgraded, very happy about that. He is very glad to be here. • John Winters- Replacing Jim Casen and taking over Tracie's position in partnering at Whiting Field, Mayport, and Panama City. Has been with FDEP since 1998. First time being project manager for a military base. • Katie Newman- New scribe, graduated from FSU in December with degree in Environmental Studies.

	<p>Tom passed out the Ground Rules to the Team and each team member read one of the rules.</p> <p>Pete mentioned partnering training as a possibility for John since he is new to this. He explained the team charter and the scope and goals of partnering meetings. Bill then explained the history of partnering and why training may be needed. Pete and John had a discussion on “consensus” and the importance of it at partnering meetings. Rich revisited training, but said that John will get mentored into the issues of partnering instead of formal training. Discussion about proxies for meetings ensued.</p> <p>Tom went through the Action Item list from the November Meeting and Actions 1,2, and 4-11 were all marked as DONE. Action Item 3 is still working and will be completed by February 15, 2008. This item turned into Action Item 08.01.09 for this meeting.</p> <p>Consensus #1: The meetings minutes from the November meeting can go final.</p> <p>The Team changed the agenda to add phone call with Mike Singletary at 1 pm to discuss groundwater monitoring at AOC1 and to add expectations of new team members during facilitator training.</p> <p>Action Item 08.01.01- Tom- Tom will send all drawing files from all Sites SOB (when the SOB's are finalized) to Mike and Arturo.</p> <p>Action Item 08.01.02- Katie (TtNUS)- Update Member contact list and send John the partnering team charter.</p>
<p>Tier II Update - Rich May</p>	<p>Rich is currently in between Tier II meetings. Next meeting is scheduled for the 2nd week of March. Every partnering meeting we need to discuss exit strategies. NSA PC doesn't have SCAPs . We need to look at NAVFAC and FDEPs resources and make comparison of exit strategies. Don't have complicated ES at PC. Keep tabs on resource issues. Navy Tier II representative are Robbie Darbie, Jeff Adams, Jim Farrell, and Doug Dangerfield.</p>
<p>Document Tracking List</p>	<p>The team discussed how to sue this tool. They agreed to use it for current, future, and some select older documents to help track when we are getting documents approved. Maybe keep last previous documents for reference sake. The goal would be to finish documents, then we have less to track, so we don't need a document tracking list. Living CDs would help John look at past documents. Mike suggested two sheets on Excel, one active and one archive. Rich suggested anything more than a quarter old,</p>

	<p>hide the row or sort based on dates/completion. Document tracking is as complete as it can be because record keeping hasn't been the best in the past and they are trying to change it. For meeting purposes, try to condense as much as possible because it is a lot of data to look at all at one time. For electronic purposes, it can be kept whole.</p> <p>Consensus Item #3- Document Tracking List will be used for future reference. The spreadsheet rows for documents completed more than a quarter earlier will be hidden. A new list will be distributed with each set of partnering meeting minutes.</p>
<p>Petroleum Site Update – with concurrent Exit Strategy update</p>	<p>Exit Strategies will be updated as we talk about each site.</p>
<p>G300</p>	<p>Larry handed out map of G300 and explained history of the site to John to bring him up to speed. PCY-G300-MW01 has recently had product in it. Larry also passed out a chart showing the relationship between groundwater level and appearance of product in well. The chart shows that product appears when water level is low enough. One more bailing event is scheduled for Feb 8. Sampling is scheduled for end of February- beginning March and then for two quarterly events. John Robinson (PM) indicated he is starting the process for funding for 3rd and 4th quarter sampling. 1st and 2nd quarter funding is available. If a year goes by with no product, a more aggressive approach may be required. Questions arise as to whether the plume is under the building and why don't we stop wasting money and just monitor the water level to see when free product should be prevalent. The BioSock in place for 4 months is not working; a sock will be used at Whiting to see if it works with AVGAS.</p> <p>The goal of G300 is to remove as much product from the site as we can. Possibly the plume could be located under the foundation of the building. As water level rises, it is released. Additional assessment may be required by placing wells in the building to determine the extent of the plume. Email John Robinson, PM of G300 and let him know what was discussed.</p> <p>Action Item 08.01.03- Larry, Mike, Arturo, John, Katie, Tracie -1) John and Larry discuss what is going on in G300- by Feb 29; 2). A separate technical meeting outside partnering meeting will be held to discuss what needs to be done- March 11 (tentative) there will be a site visit. After this visit, tehcnical members will discuss goals and what needs to be done. Arturo will see that the engineering officer will be available to meet on that day.</p>
<p>AOC 2 Free Product Removal – Monitoring Work Plan,</p>	<p>Larry passed out a map of AOC2 showing new and existing</p>

<p>CH2M Hill's Work Plan</p>	<p>wells. Larry discussed the history of the site with John to get him up to speed. Bill discussed with John the RAP that needs to be executed. CH2MHill is expected to be in the field by the end of February for excavation and disposal of contaminated product on groundwater and overlying soil. After this is done, groundwater monitoring will be performed by TtNUS. Bill got approval of the RAP last meeting, and is just waiting for the approval letter.</p> <p>Action Item 08.01.04- John- Submit letter of approval for Work Plan for CH2MHill excavation- Feb 15.</p> <p>During the last sampling event, AOC2-MW-08 could not be found, therefore AOC2-MW-25 50 feet down gradient was used instead. Next trip, magnetometer will be used to try to locate AOC2-MW-08. Microbes or some other amendment is budgeted to be used in the excavation at AOC2 to aid in reduction of contamination.</p>
<p>USTs 1 & 3 (Sites 325 &278) – 1st & 2nd Quarter Report, 3rd & 4th Quarter fieldwork status</p>	<p>Bill explained history of USTs 1&3to John. Emily Ween owes Bill last 2 quarter reports by January 31, 2008. When he gets it he'll share it with FDEP. Report includes 4th quarter groundwater samples and 3rd quarter soil samples. Two sites had air sparge/SVE and no contaminants have been detected for 6 quarters.</p> <p>Groundwater is clean, but they had to collect soil samples to meet FDEP requirements. Petroleum odors were detected when soil samples were collected. He still hasn't seen any sample results to be able to tell if there is leaching of contaminants or not. It's possible that if no leaching is detected, the site will go NFA or NFA with controls. FDEP has gotten out of several sites when soil did not break SPLP contamination limits and GW was clean. Bill will share data as soon as he gets it. Tracie states that if the soil samples fail the leaching test, then you have to establish LUCs, i.e., "No dig" controls. In February FDEP should be getting a draft report with all these data points.</p>
<p>Non-Petroleum Site Update – with concurrent Exit Strategy update</p>	<p>Exit Strategies were updated as we talk about each site. Discussion over what each report means and how to figure dates for report. Date without an A is a proposed date, date with an A is completed. The CAMP was not changed.</p> <p>Consensus Item #2- Approval of changes to Exit Strategy.</p>
<p>SWMU 3/9/10 AOC 1 RFI Addendum Rev. 2</p>	<p>Changes in report include updated Risk Evaluations for SWMU 3, and addition of 2003/2004 data for SWMU 10, AOC1, and SMWU 3. After the first Addendum revision, it became evident that some data did not get presented in the 2006 version. To add in 2003 and 2004 data, a rev 2 had</p>

	<p>to be written. Changes:</p> <ul style="list-style-type: none"> • Changes throughout text to show that 2003 and 2004 data were added • Conclusions and recommendations were checked to make sure the new data didn't change them. • The SWMU 3 focus seemed to have become ecological risk at one point but human health risks "fell through the crack." • Evaluations of risks were revisited for SWMUs 3 and 10 and AOC 1 and are included in Section 5. • Addition of Appendices K and L, including a new Figure K-1. • Different status for SWMU 3- originally unacceptable risk for current exposures of some receptors, so site specific re-evaluation of risks and possible receptors was conducted. All current exposures are acceptable. <p>Now there is no current risk for exposure to SWMU 3 , however, that would change if they were to drink groundwater, so LUCs need to be implemented at the site. Need approval from FDEP. RFI Rev 1 was approved, so these changes just need to be approved. Rev 1 conclusions were not changed. Wording was changed, however, to update the conclusions and make the text more consistent throughout the document,</p> <p>Action Item 08.01.05- John/FDEP- Approval of SWMU 3/9/10 AOC1 RFI Add. Rev 2- Due by Feb. 15.</p> <p>Action Item 08.01.06- Bill- Get John on IR gateway by means of Mike Kuhn. Feb 1, 2008. Contact was made by 2-4-08 and this action item is considered to be completed.</p>
<p>Lunch</p>	
<p>AOC 1 Groundwater Modeling Teleconference with Mike Singletary</p>	<p>PowerPoint Presentation attached Purpose- focus on path forward. Brief history of AOC 1. Remaining contamination forms a "slug" that will move slowly through the system. Body of plume is judged to be under control. At the edge of the bay, greatest 1,1- DCA and 1,1- DCE concentrations are at a depth of 18-27 ft bls. With lesser concentrations above and below. Trident probe was used for this study and demonstrated that contaminants were not being discharged to St. Andrew Bay at unacceptable levels. Data collected in 2001-2003. 'A' and 'E' cross sections are the most looked at.</p> <p>Monitoring Wells being studied:</p> <ul style="list-style-type: none"> • PCY-13-10S- most variability in source area concentrations, shows overall stable to decreasing trend. • PCY-13-12I- Evidence of possible contaminant slug

	<p>moving through aquifer. Recent decreasing trend (Oct 06 to present), only 1,1-DCE currently > gctl</p> <ul style="list-style-type: none"> • PCY-13-14I- decreasing trend • PCY-13-17 well cluster, overall stable to decreasing trends, concentration of all COCs less than GCTLs since at least 2002. • PCY-13-18 well cluster, non-detect for all COCs during previous monitoring events. <p>Recommendations:</p> <ul style="list-style-type: none"> • Remove SVOCs from analyte list • Eliminate DIC, Chloride, and nitrate from MNA parameter list • Eliminate following monitoring wells from LTM network: <ul style="list-style-type: none"> ○ PCY-13-18S, PCT-13-18D, PCY-13-17S, PCY-13-17D • Continue monitoring: <ul style="list-style-type: none"> ○ PCY-13-10S, PCY-13-12I, PCY-13-14I, PCY-13-17I, PCY-13-18I <p>Distribution with depth seems to be consistent with bulk of contamination in intermediate wells. We know where it discharges but we need to have a network at St. Andrew Bay that will detect if there are any strange concentrations in the intermediate. Highest dissolved concentrations are in intermediate zone and it is expected to go where groundwater goes.</p> <ul style="list-style-type: none"> • Deep wells screened 35-41 feet bls • Intermediate wells screened 20-30 feet bls • Shallow wells screened 2-12 feet bls <p>Monitoring is now annual. Tracie is not happy with getting rid of deep wells because if they were put there, they were put there for a reason and they need to be sampled if we want to make sure that the wells are free and clear. Tom said they were there initially to do a site characterization but the investigative focus is now different, i.e., to monitor migration of contamination and the best point to do that is where the concentrations are historically greatest. Dissolved organics will follow water flow paths and will not sink or rise within the water column if there is no free product..</p> <p>Action Item 08.01.07- John- Quarterly Groundwater Monitoring Report at SWMU 10 and AOC 1 and approval on recommendations and on what wells need to be sampled in AOC1- by Feb 21.</p> <p>Action Item 08.01.08- Bill- Send John the Meeting Minutes from November Meeting to see previous discussion on AOC 1 by 2/1/08.</p>
SWMU 2 Final CMS	

	<p>We have gotten verbal approval, now we need the letter and getting it submitted.</p> <p>Action Item 08.01.09- John- Formal approval letter for SWMU 2 CMS and CMIP report- Feb. 15.</p>
SWMU 2 Final SOB (Public comment ending 1/31/08) and concurrence letters	<p>Finishes public comments tomorrow - usually don't get comments. Tracie revised the summary memo and concurrence letter and now it just needs to go through the FDEP system. When it does go through the system, it signifies the concurrence with the SOB.</p> <p>Do we know how long after public comment period does it take to go through system?</p> <p>Action Item 08.01.10- John- Report back to team about how quickly things get turned around after public comment period- Feb 1.</p>
SWMU 2 Draft CMIP	<p>Important- Next monitoring is scheduled to occur in March. Need to get approval to proceed as scheduled.</p> <p>Proposing change to monitoring program based on recent data. See action item 08.01.09.</p>
SWMU 2 Draft LTM Round 1 Report	<p>Sampling in September- Metals were high but not in any particular pattern. The goal then was to try to find out where they were coming from. Metals are associated with the particulates in water. Wells were purged longer to see if that decreased metals and it did. This is evidence that the metals are associated with particulates, especially for aluminum and iron. Sampling is proposed to continue for aluminum, iron, manganese, and arsenic in background wells; aluminum, iron, and antimony in site wells.</p> <p>Action Item 08.01.11- John- Round One Long term Monitoring Report for SWMU 2 approval- Feb 21.</p> <p>Action Item 08.01.12- Tom- Verify that draft was distributed to everyone- Round One Long Term Monitoring Report for SWMU 2 issued Jan 2008. Feb 5, 2008.</p>
SWMU 3 Final SOB	<p>Hand markup shows where there are changes and the final is also available to John. Need FDEP approval for SOB, which has gone through public comments.</p> <p>Need Concurrence letter and Summary Memo and the document to be pushed through the FDEP system. No one is sure how long the FDEP system takes.</p> <p>Action Item 08.01.13- Tom- Send John Revised SWMU 3 Concurrence Memo- January 30, 2008- Completed Jan30, 2008.</p>

	<p>Action Item 08.01.14- John- Concurrence Letter and Summary memo to get SWMU 3 SOB through FDEP system- March 7, 2008.</p>
SWMU 3 Final CMIP	<p>Action Item 08.01.15- John- Approval of SWMU 3 Final CMIP- March 7, 2008.</p>
SWMU 10/ AOC 1 Final SOB	<p>2 Sites combined into one SOB, comment period ended in May 2007 and they still haven't gotten approved. This SOB is more complicated than the SMWU 3 SOB due to including 2 sites and it has been tweaked many times. Need Summary memo and Concurrence Letter to get through FDEP System.</p> <p>Action Item 08.01.16- Tom- Get Summary Memo and Concurrence Letter SWMU 10/ AOC1 Final SOB to John by Feb 6, 2008.</p>
SWMU 10 Draft CMIP	<p>These remedies are being implemented but need approval. LUCIPs are in use at this site.</p> <p>Action Item 08.01.17- John- Approval of SWMU 10 CMIP- March 7, 2008.</p>
AOC 1 Draft CMIP	<p>These remedies are being implemented but need approval. LUCIPs are in use at this site.</p> <p>Action Item 08.01.18- John- Approval of AOC 1 CMIP- March 7, 2008 .</p>
SWMU 10/AOC 1 LTM Year 2	<p>Mike Singletary Teleconference, see attached PowerPoint Presentation</p>
Exit Strategies	<p>We have not been updating the Exit Strategies as we progressed in the meeting, but there weren't really any changes now that all the documents are heading for approval.</p>
Permit Mod (Expiration extension, SWMU 9 NFA)	<p>Last Oct, a letter was sent to John Griffin to change the permit to make a 5 year extension on SWMU 9. John Griffin retired and his replacement, Daniel Kuncicky, sent a reviewed permit and it was changed a lot and was asking a lot of date questions, which is hard to find. Once the</p>

	<p>information is back to him, he will put the permit out for public comment. Up to 2001, all info is on Admin Record. Anything that is on the original permit should be fine because it has been through all the public comments and EPA approval, but things are back to square 1. Requirements for permits now are different than in the past, so it appears that the permit has to comply with new FDEP policies. Bill, Arturo, and Mike decide to get on phone together to ask Daniel why exactly they need this info and other questions.</p> <p>Action Item 08.01.19- Bill- Call Daniel to set up phone conference with Arturo, Mike, Bill, Tom (?) for Tuesday Feb 5, 2008.</p> <p>Action Item 08.01.20- Arturo, Mike, Bill- Call Daniel to ask questions about why they need background information on old NSA PC sites- Tuesday Feb 5, 2008.</p>
<p>Facilitator Training</p>	<p>All team members turned in their Parker peronsality survey and Pete gave a survey to new team member, John. John will send completed survey to Pete and Pete will then construct a chart based on the team’s results to present next meeting.</p>
<p>New Member Expectations</p>	<p>Held a welcoming exercise for our new members.</p>
<p>Closeout- Action Items, Consensus Items, +/-, next meeting</p>	<p>Action Item 08.01.21- Bill and Tom- Check July Meeting Minutes to make sure they accurately reflect the actual comments made during July meeting by February 6, 2008.</p> <p>Next meeting will be held May 13, 2008 in Panama City, hopefully somewhere off the base.</p> <p>Leader: Arturo McDonald Scribe: Katie Newman Timekeeper: John Winters</p> <p>It was discussed what it takes to win an environmental award from the Secretary of the Navy.</p> <p>Action Item 08.01.22- Bill- Report to team what Secretary to the Navy Environmental awards schedule submittal is by next meeting.</p>
<p>+ Food + Location + John and Katie –New Members</p>	<p>- Front door to building was locked in the morning - Tracie being gone. - One day notice of FDEP personnel change. - Need more, shorter breaks.</p>

<ul style="list-style-type: none"> + Efficient + Finished agenda + Learning about partnering + commitment to completion + good communication + Tracie being Gone + FDEP met for 6 hours prior to meeting + John's willingness to step up + FDEP providing someone with experience + John's familiarity of Nomenclature + New Scribe's technical experience + adaptability of team to new circumstances + Mile Singletary's Presentation on AOC 1 	
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Action Items
NSA Panama City Partnering Team
January 30, 2008

Action Item No.	Responsible Party	Status	Due Date	Action Item
08.01.01	Tom			Tom will send all drawing files from the all site's (SWMU 2, 3, 10, AOC1) SOBs (when they are finalized) to Mike.
08.01.02	Katie		1/31/08	Update Member contact list and send John a copy of the partnering team charter.
08.01.03	Larry, Katie, John, Tracie, Arturo, and Mike		1) 2/29/08 2) 3/11/08	1) John and Larry discuss what is going on in G300- by Feb 29; 2) hold a separate technical meeting outside partnering meeting to discuss what needs to be done- March 11 (tentative). there will be asite visit in conjunction with this meeting. After visit, discuss goals and what needs to be done.
08.01.04	John		2/15/08	John will submit approval letter to NAVFAC for Workplan for CH2MHill excavation.

Action Item No.	Responsible Party	Status	Due Date	Action Item
08.01.05	John		2/15/08	John will review SWMU 3/9/10 AOC1 RFI Add. Rev 2 with goal of approving it assuming no glitches are found.
08.01.06	Bill		2/1/08	Get John on IR gateway by means of Mike Kuhn. Contact was made by 2-4-08 and this action item is considered to be completed.
08.01.07	John		2/21/08	John will review and hopefully approve the Quarterly Groundwater Monitoring Report at SWMU 10 and AOC 1 and approve the recommendations, including what wells need to be sampled in AOC1, and where.
08.01.08	Bill		2/1/08	Send John the minutes from November Partnering Meeting to see previous discussion on AOC 1.
08.01.09	John		2/15/08	Submit formal approval letter for SWMU 2 CMS and CMIP report to NAVFAC.
08.01.10	John		2/1/08	Report back to partnering team about how quickly SOB reviews get turned around after public comment period.
08.01.11	John		2/21/08	Submit approval for Round One Long term Monitoring Report for SWMU 2 to NAVFAC.
08.01.12	Tom		2/5/08	Verify that a draft was distributed to the partnering team of the Round One Long Term Monitoring Report for SWMU 2 issued Jan 2008.
08.01.13	Tom	Complete	1/30/08	Send John Revised SWMU 3 Concurrence Memo.
08.01.14	John		3/7/08	Revise concurrence Letter and Summary memo to get SWMU 3 SOB through FDEP system.
08.01.15	John		3/7/08	Approve SWMU 3 Final CMIP.
08.01.16	Tom		2/6/08	Submit Summary Memo and Concurrence Letter SWMU 10/ AOC1 Final SOB to John.
08.01.17	John		3/7/08	Approve SWMU 10 CMIP.
08.01.18	John		3/7/08	Approve AOC 1 CMIP.

Action Item No.	Responsible Party	Status	Due Date	Action Item
08.01.19	Bill		2/5/08	Call Daniel to set up phone conference with Arturo, Mike, Bill, and Tom for Tuesday Feb 5, 2008.
08.01.20	Bill, Arturo, Mike, Tom		2/5/08	Call Daniel Kuncicky to ask questions about why FDEP needs background information on old NS APC sites- Tuesday.
08.01.21	Bill and Tom		2/6/08	Check July Meeting Minutes to make sure they accurately reflect the actual comments made during July meeting.
08.01.22	Bill		5/13/08	Report to team what Secretary to the Navy Environmental awards schedule submittal is by next meeting.

NSA Panama City Partnering Team Consensus Items

Consensus Item No.	Consensus Item
1	The meetings minutes from the November meeting can go final.
2	Approval of changes to Exit Strategy and distribute with meeting minutes.
3	Document Tracking List will be used for current and future reference.

NSA Panama City Partnering Team Parking Lot

Parking Lot No.	Parking Lot Issue

Meeting Minute Attachments

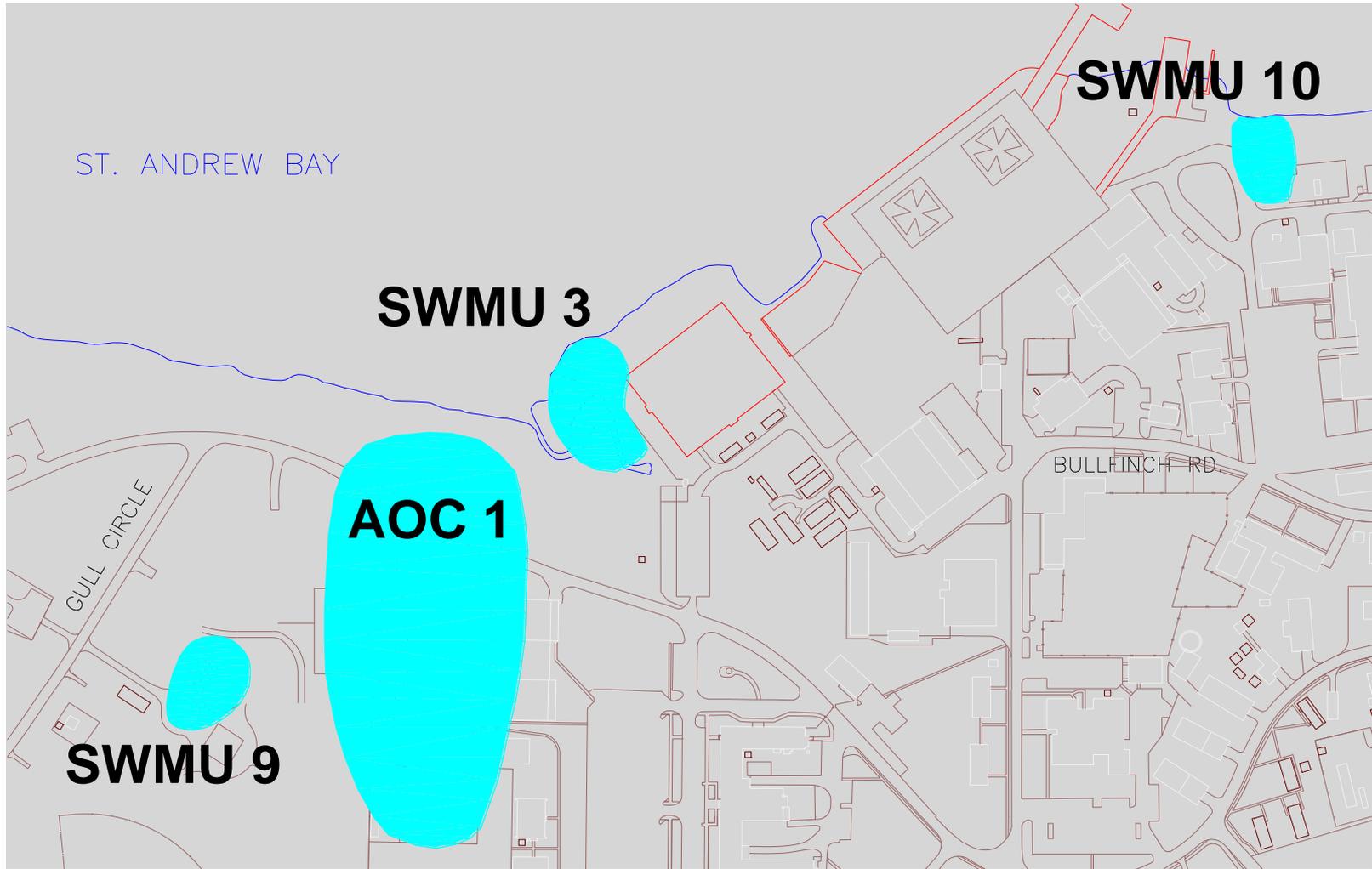
- #1- Powerpoint Presentation- AOC1 Optimization
- #2- Updated Team Charter with new contact list
- #3- Revised PC Exit Strategies
- #4- Document Tracking and Approval List

AOC 1, NSA Panama City LTM Optimization

Bill Gates
Mike Singletary
NAVFAC Southeast

7/10/2014

NSA Panama City



AOC 1 Site History



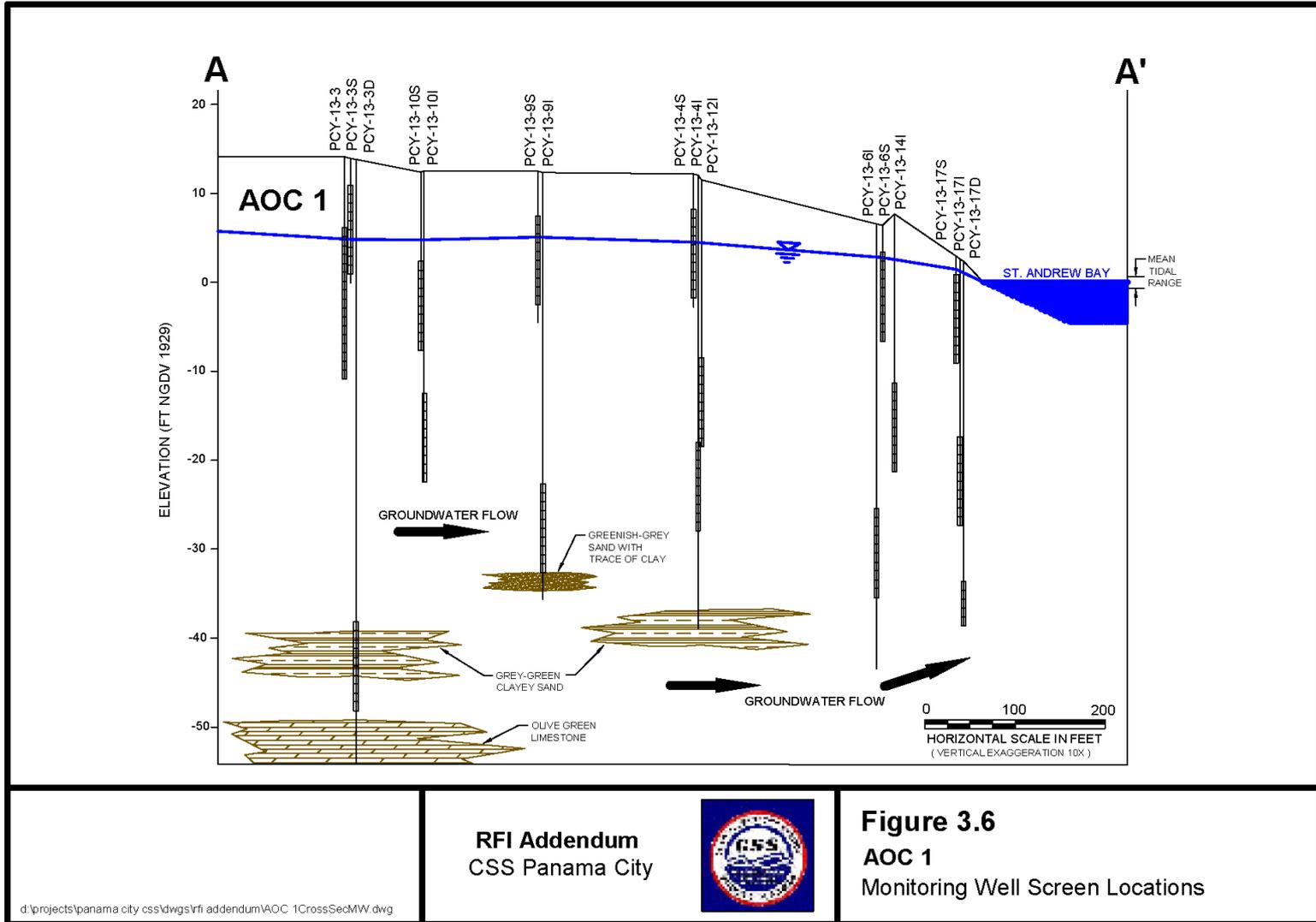
- **Former Fire Training Area**
 - Operated from mid-1950's to late 1970's
 - 2,000 to 6,000 gal. spilled and ignited each year
 - Burned once per month
 - Waste oils, paint, paint thinner, solvents
 - Fuels (diesel, gasoline, JP-5)
- **More than 63,000 gallons of hydrocarbons were spilled and ignited**
- **1/2-acre free product plume**
- **Recoverable LNAPL estimates ranged from 500 to 5,000 gallons**
 - Bioslurper successful in removing free product and residual contamination (08/1997 to 10/1999; 10/2000 to 04/2001)
- **Chlorinated solvents, fuels remain to naturally attenuate in groundwater**

MNA Remedy

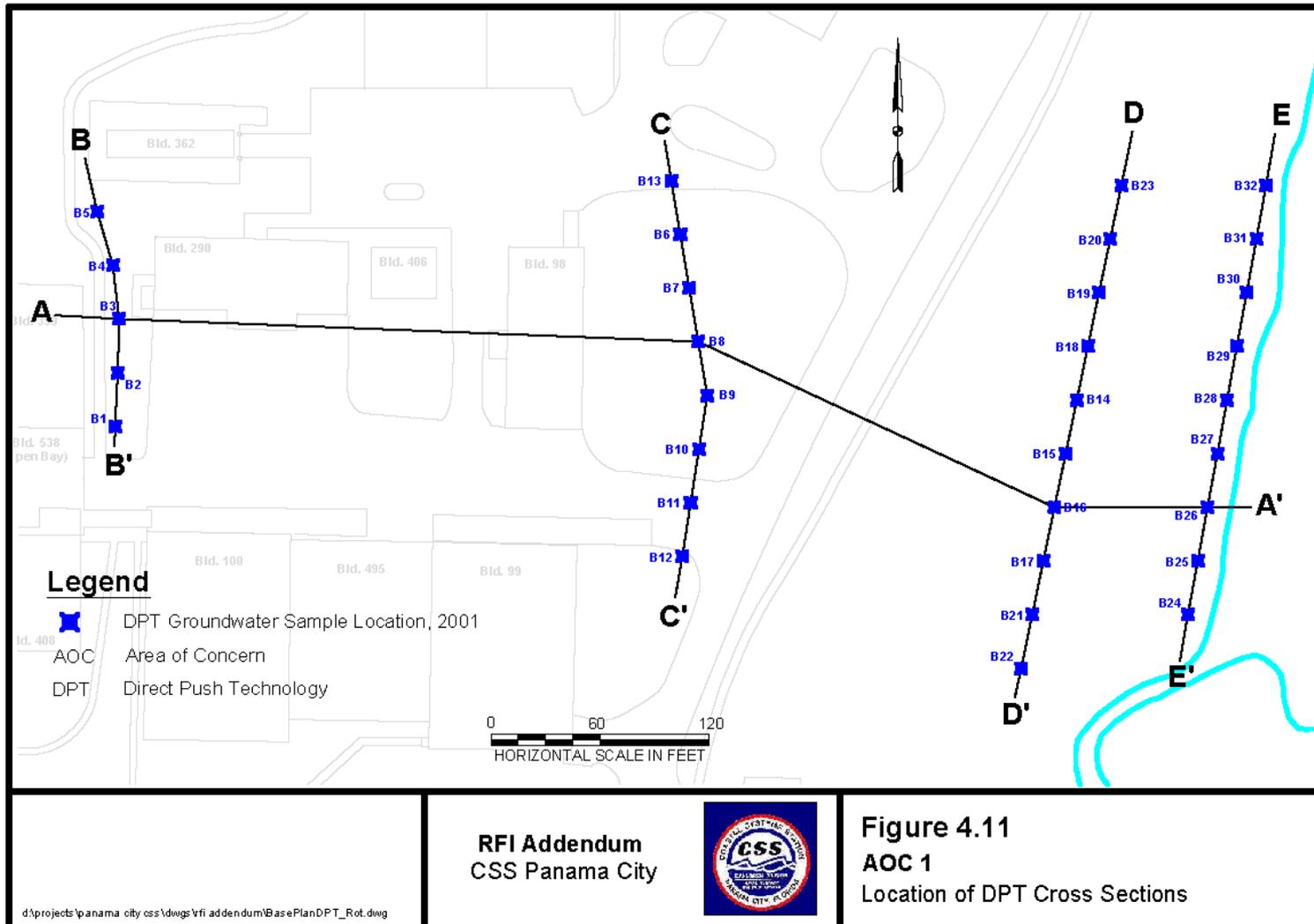


- **Following LNAPL removal, remaining contamination form a “slug” that will move slowly through the system, subject to attenuation processes**
 - Plume separated from source area
 - Dispersion, aerobic biological oxidation, abiotic reactions
- **Body of plume judged to be under control**
 - Stable or decreasing concentrations over time
- **Saltwater wedge should drive groundwater flow upward with discharge into bay**
 - Dispersion, aerobic biological oxidation through salt water/fresh water mixing
 - Coastal monitoring study demonstrated groundwater/surface water interface (GSI) was effective at reducing CVOC concentrations before discharging to St. Andrew Bay
- **At the edge of the bay, greatest 1,1-DCA and 1,1-DCE concentrations are at a depth of 18-27 ft bls, with lower concentrations from 2-12 and 35-40 ft bls (based on RFI Addendum)**

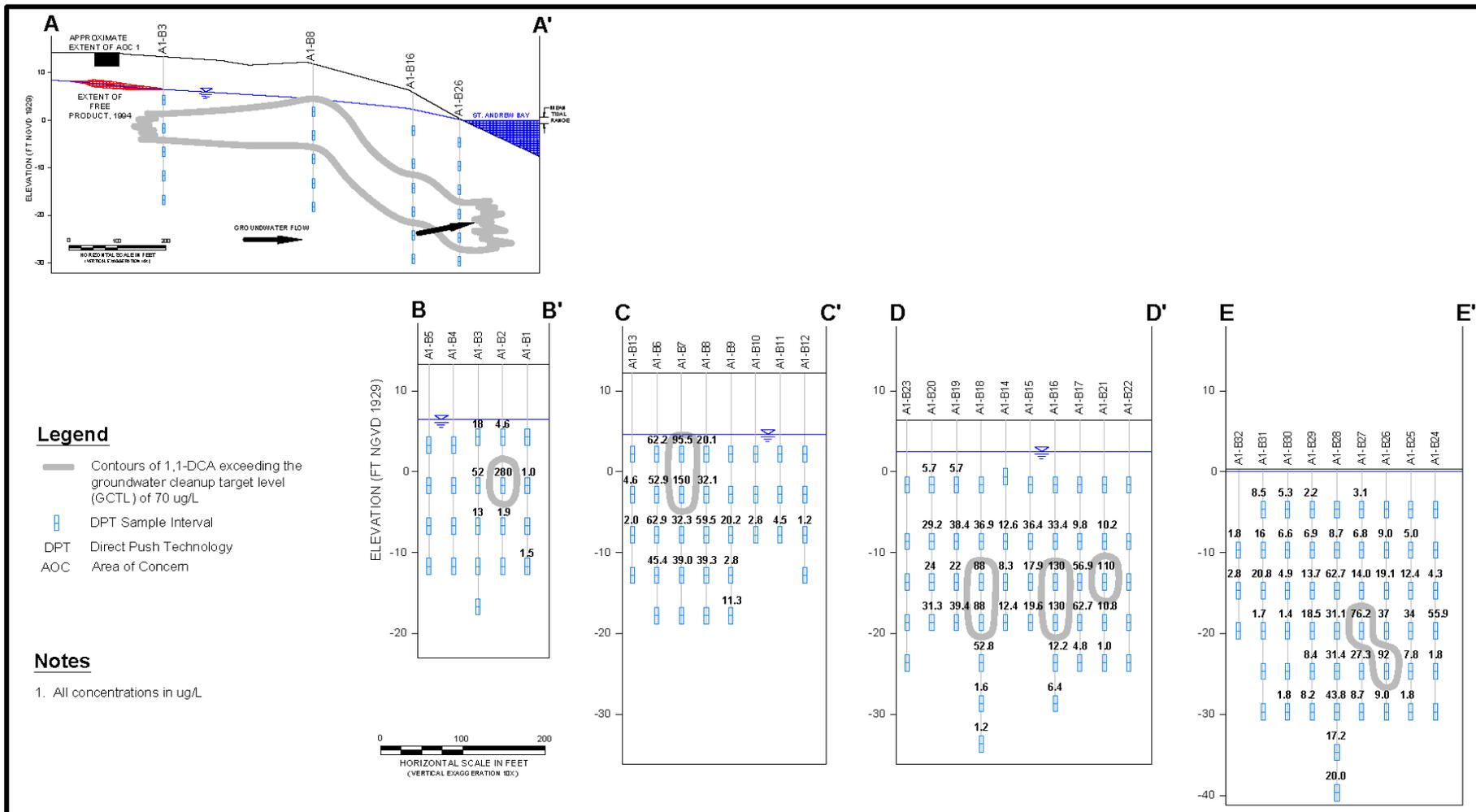
AOC 1 Conceptual Site Model



Cross-Section Lines – RFI DPT



1,1-DCA Contours – RFI DPT Investigation



RFI Addendum
CSS Panama City



Figure 4.12
AOC 1 DPT Investigation
1,1-DCA Groundwater Detections
Sept. 28 to Oct. 13, 2001

d:\projects\panama_city_css\dwg\rfi_addendum\BaePlanDPT_Rot.dwg

1,1-DCE Contours – RFI DPT Investigation

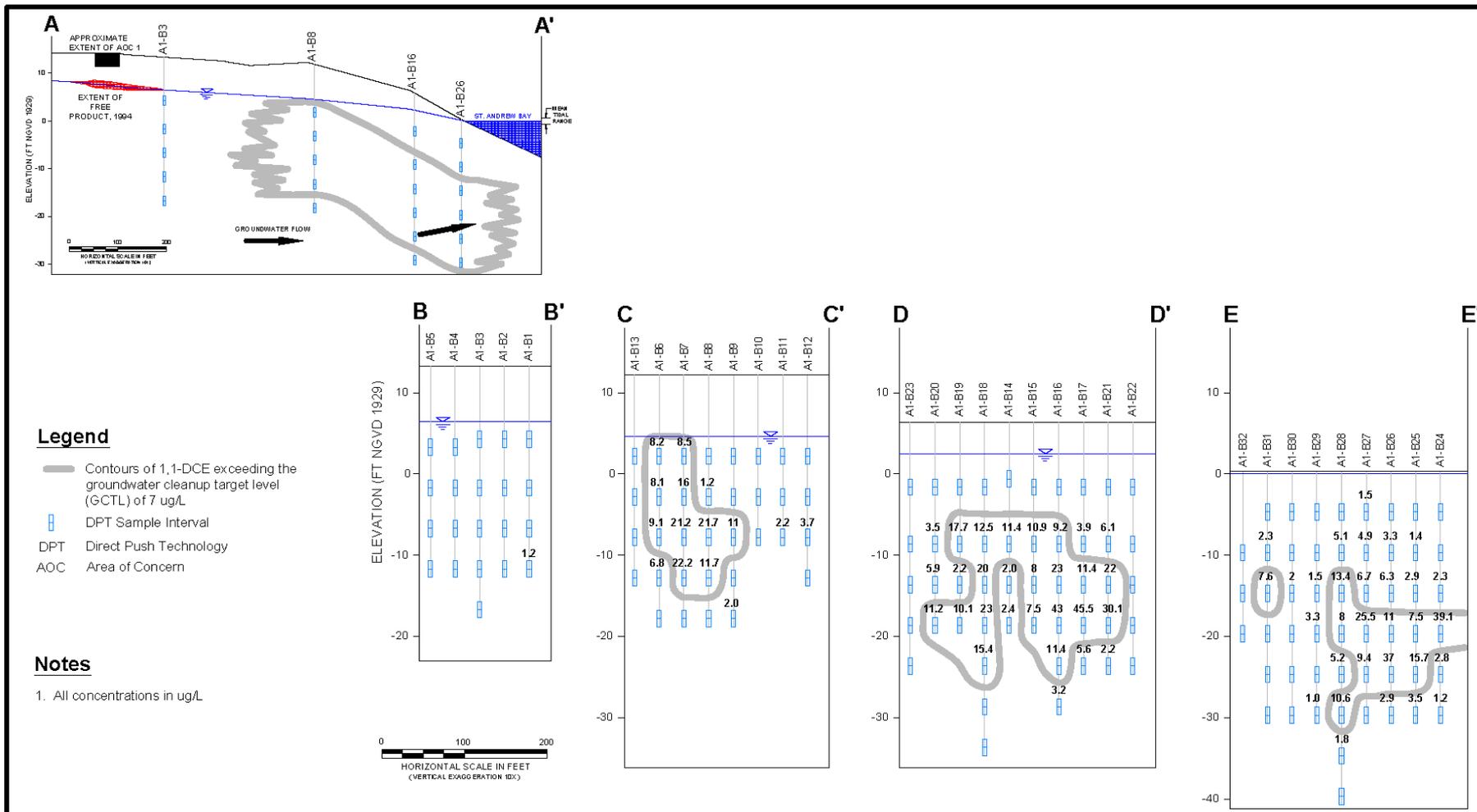


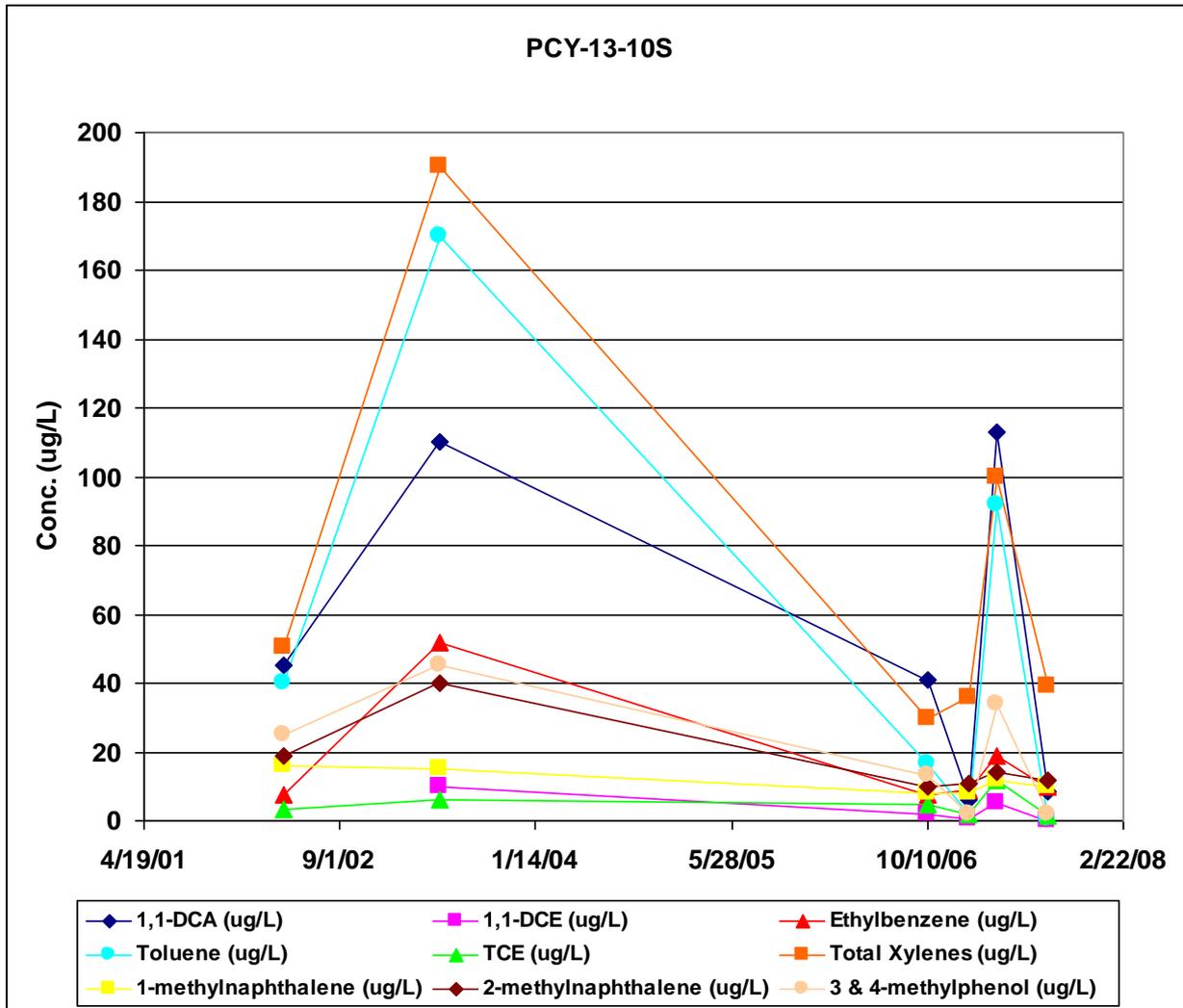
Figure 4.13
AOC 1 DPT Investigation
1,1-DCE Groundwater Detections
 Sept. 28 to Oct. 13, 2001

RFI Addendum
 CSS Panama City



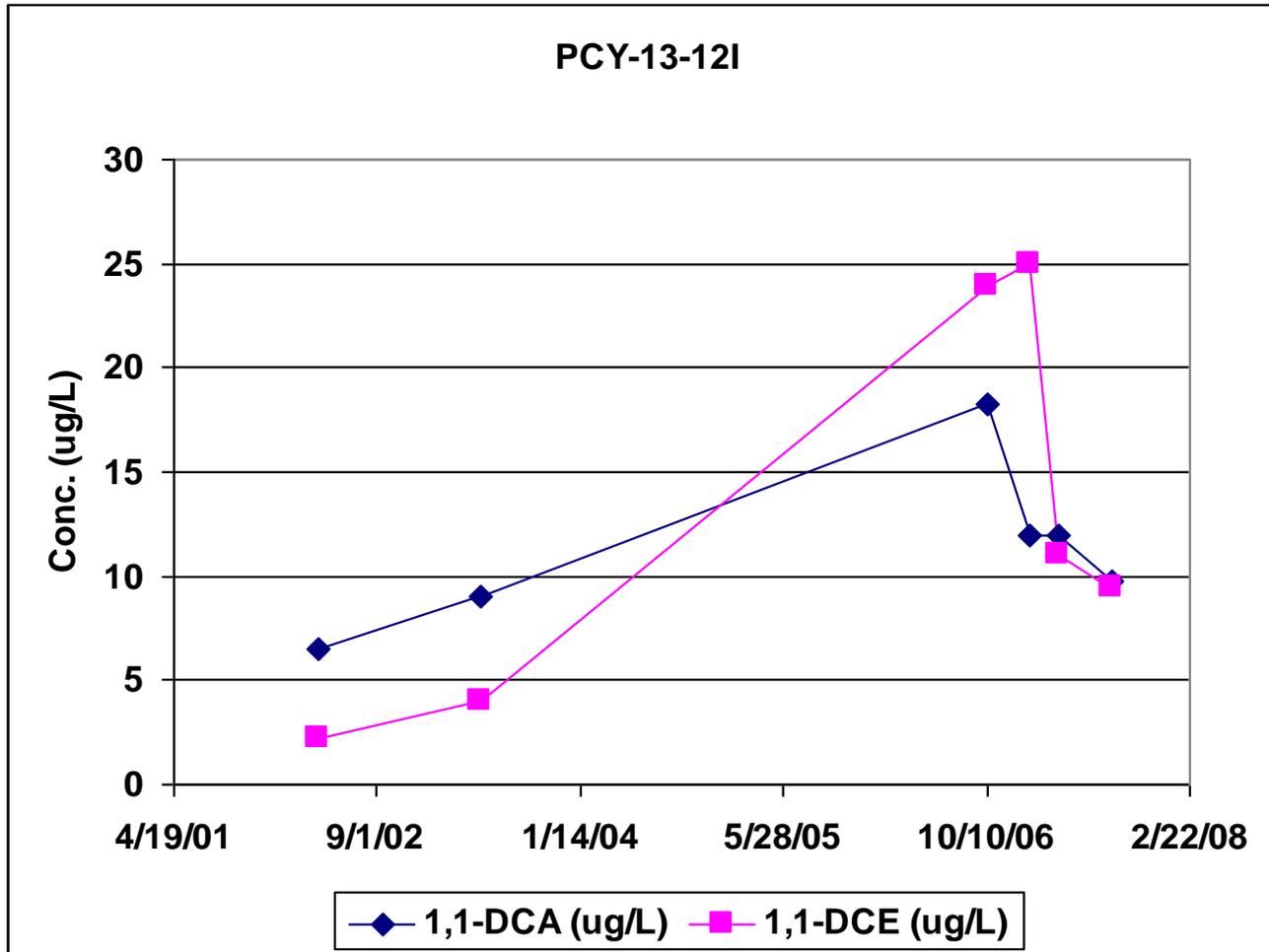
d:\projects\panama_city_css\logs\rfi_addendum\BaselineDPT_Rpt.dwg

PCY-13-10S – Source Well



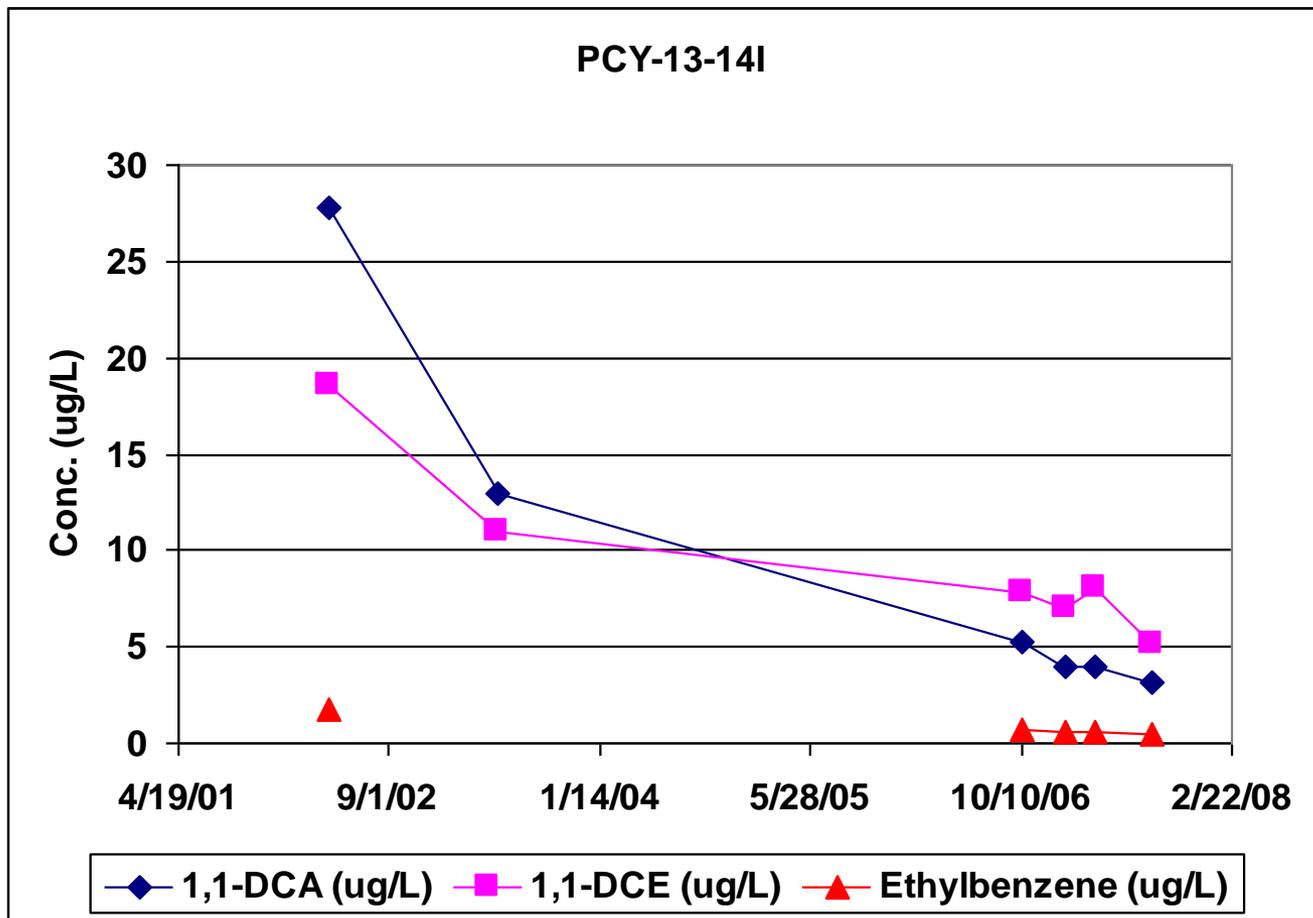
- Variability in source area concentrations
- Consistent spikes in May 03 and April 07
- Overall stable to decreasing trend
- Multiple COCs >GCTL

PCY-13-12I – Mid-Plume



- Concentration increase starting around Oct 06
- Possible contaminant slug moving through aquifer
- Recent decreasing trend (Oct 06 to present)
- Only 1,1-DCE currently >GCTL

PCY-13-14I – Mid-Plume/Downgradient

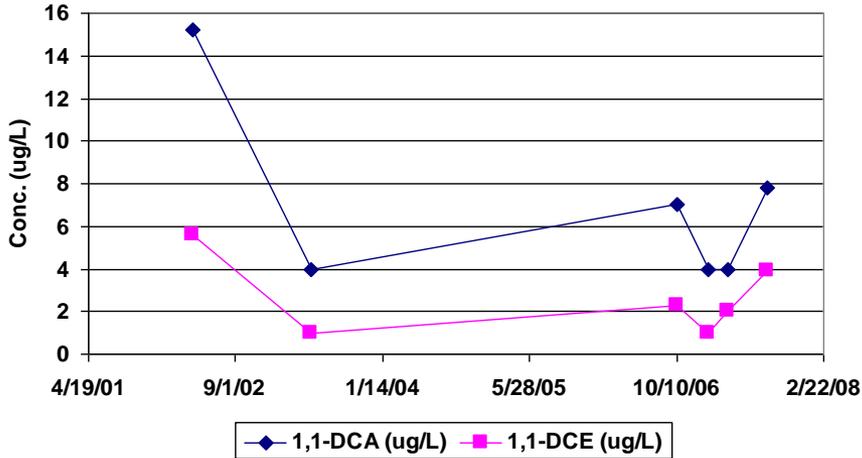


- Decreasing trend
- 1,1-DCE concentration approaching GCTL (August 07 – 5.1 ug/L)

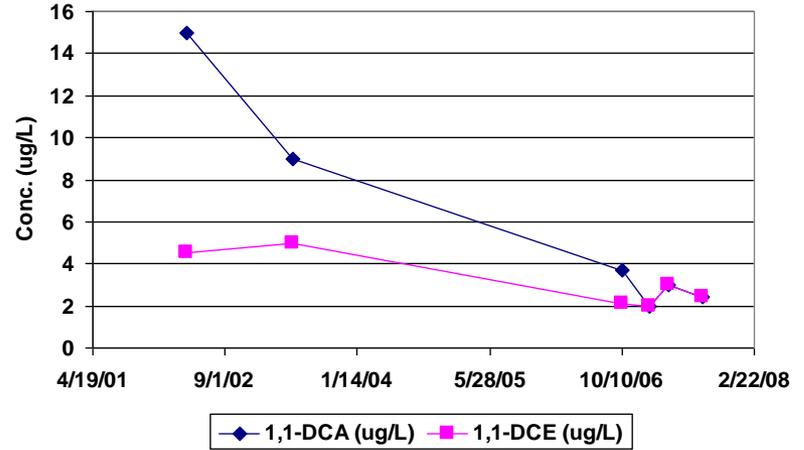
PCY-13-17 Well Cluster



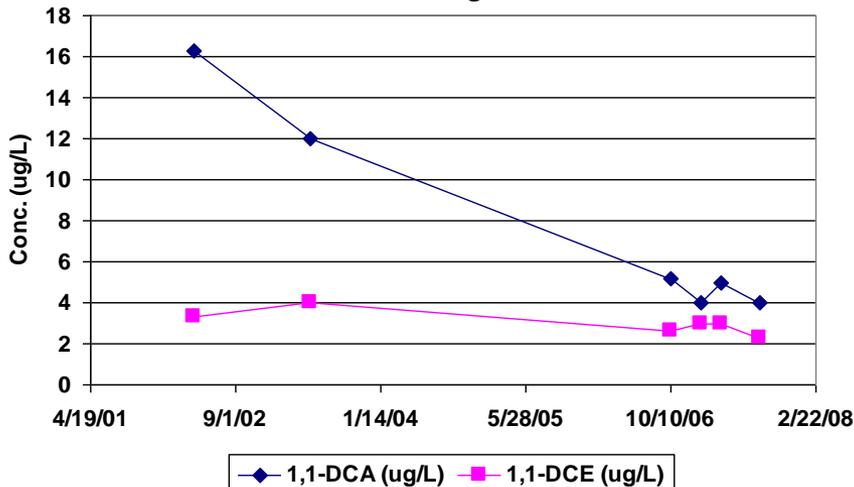
PCY-13-17S
2-12 ft bgs



PCY-13-17I
20-30 ft bgs



PCY-13-17D
35-41 ft bgs

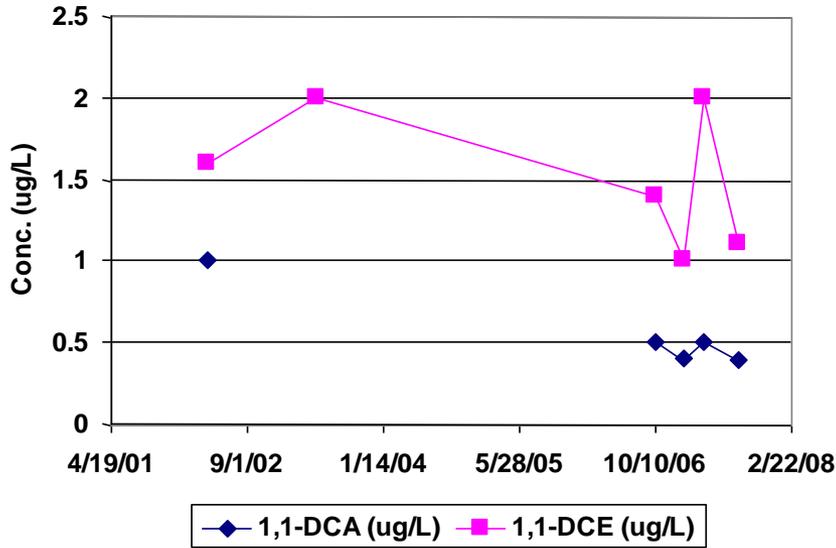


- Overall stable to decreasing trends observed in these monitoring wells
- Concentrations of all COCs less than GCTLs since at least 2002
- Similar concentrations at all three depth intervals (all less than 8 ug/L)

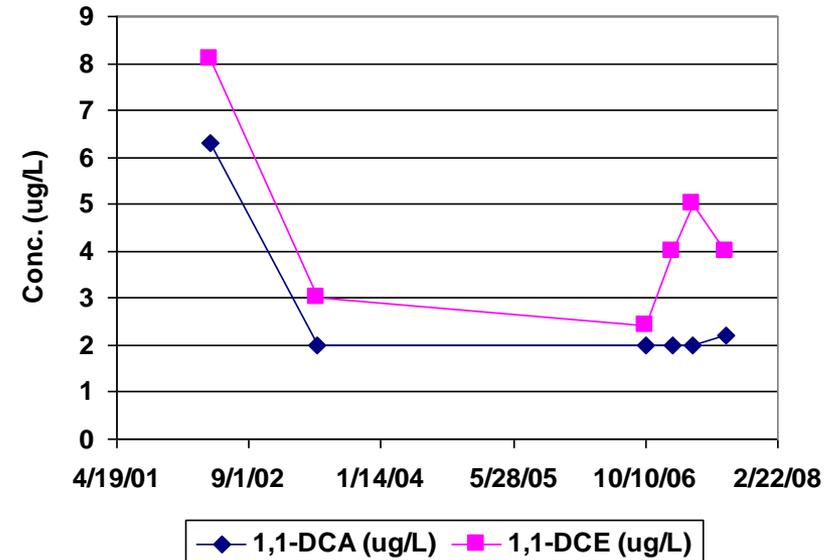
PCY-13-18 Well Cluster



PCY-13-18I
20-30 ft bgs



PCY-13-18D
35-40 ft bgs



- Non-detect for all COCs during previous monitoring events at PCY-13-18S
- Concentrations of all COCs less than GCTLs since at least 2003
- Similar concentrations at intermediate and deep intervals (all less than 5 ug/L)



Shoreline Well Data

AOC	Sample Locations	Sampling Date	1,1-DCA (ug/L)	1,1-DCE (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	TCE (ug/L)	Total Xylenes (ug/L)
	PCY-13-17I	10/11/06	3.7	2.1	<0.3	<0.2	<0.3	<0.5
		1/24/07	2	2	<0.3	<0.2	<0.3	<0.5
		4/3/07	3	3	<0.3	<0.2	<0.3	<0.3
		8/13/07	2.4	2.4	<0.3	<0.2	<0.3	<0.3
	PCY-13-17D	10/11/06	5.2	2.6	<0.3	<0.2	<0.3	<0.5
		1/24/07	4	3	<0.3	0.2	<0.3	<0.5
		4/3/07	5	3	<0.3	0.4	<0.3	<0.3
		8/13/07	4	2.3	<0.3	<0.2	<0.3	<0.3
	PCY-13-17S	10/11/06	7	2.3	<0.3	<0.2	<0.3	<0.5
		1/24/07	4	1	<0.3	0.2	<0.3	<0.5
		4/3/07	4	2	<0.3	0.3	<0.3	<0.3
			7.8	3.9	<0.3	0.3	<0.3	<0.3
	PCY-13-18D	10/10/06	2	2.4	<0.3	<0.2	<0.3	<0.5
		1/23/07	2	4	0.9	0.3	<0.3	<0.3
		4/3/07	2	5	0.8	0.3	<0.3	<0.3
		8/13/07	2.2	4	1.1	<0.2	0.41	<0.3
	PCY-13-18I	10/10/06	0.5	1.4	<0.3	<0.2	<0.3	<0.5
		1/24/07	0.4	1	<0.3	<0.2	<0.3	<0.3
		4/3/07	0.5	2	<0.3	0.2	<0.3	<0.3
		8/13/07	0.39	1.1	<0.3	0.2	<0.3	<0.3
	PCY-13-18S	10/10/06	<0.2	<0.2	<0.3	<0.2	<0.3	<0.5
		1/24/07	<0.2	<0.2	<0.3	<0.2	<0.3	<0.5
		4/3/07	<0.2	<0.2	<0.3	<0.2	<0.3	<0.3
		8/13/07	<0.2	<0.2	<0.3	<0.2	<0.3	<0.3
	NAGCTL ¹		700	70	300	400	30	200
	GLYPQC ³		700	70	300	400	30	200
	NFAGCTL ²		70	7	30	40	3	20

- Non-detect for all monitoring events at PCY-13-18S
- Small variability in 18I/18D and 17s/17I/17D concentrations
- At this point, are we getting additional value by monitoring S, I, and D intervals at the shoreline?
- Can we focus on intermediate zone (20-30 ft bgs) for effective MNA monitoring?
- Can we satisfy our data quality objectives by monitoring only from the intermediate zone?

Key: 1 Natural Attenuation Groundwater Clean-up Target Levels - Chapter 62-777 Table I FAC (rev. 4/17/04)
 2 No Further Action (NFA) Groundwater Clean-up Target Levels (GCTLs) - Chapter 62-777 Table V FAC
BOLD results exceed No Further Action GCTLs
Italicized results - "the compound was analyzed for but not detected"
 3 Groundwater of Low Yield / Poor Quality Criteria Chapter 62-777 Table I FAC (rev. 4/17/04)

LTM Recommendations



- **Remove the following SVOCs from analyte list**
 - 1-methylnaphthalene, 2-methylnaphthalene, 3&4-methylphenol, 3-methylphenol, 4-methylphenol, acenaphthalene, bis (2-ethylhexyl) phthalate, naphthalene, and phenanthrene
 - Not detected >GCTLs during four previous sampling rounds
- **Eliminate DIC, chloride, and nitrate from MNA parameter list**
 - DIC indicator parameter, same information from alkalinity and CO₂ measurements. Difficult to measure and/or estimate.
 - Chloride useful for estimating extent of biological dechlorination. Chlorinated compounds in low-ppb concentrations. Difficult to distinguish from background.
 - Nitrate acts as terminal electron acceptor. Low nitrate concentrations (<1 mg/L).

LTM Recommendations (Cont.)



- **Eliminate following monitoring wells from LTM network**

- **PCY-13-18S – No COCs detected**

- **PCY-13-18D – Similar concentrations at 18I. All COCs <GCTLs.**

- **PCY-13-17S – Similar concentrations as 17I. All COCs <GCTLs**

- **PCY-13-17D – Same**

- **Multi-level sampling beneficial for site characterization. No added value for MNA monitoring.**

LTM Recommendations (Cont.)



- **Continue monitoring**

- PCY-13-10S

- PCY-13-12I

- PCY-13-14I

- PCY-13-17I

- PCY-13-18I

- **PCY-13-17I and PCY-13-18I would continue to serve as downgradient compliance points.**

BACK UP SLIDES



X: 0.0 Y: 0.0 Z: 0.0 F:

Coverage: v default coverage Solution: GMS Data Sets Data Set: 1,1-DCE_interp TS:

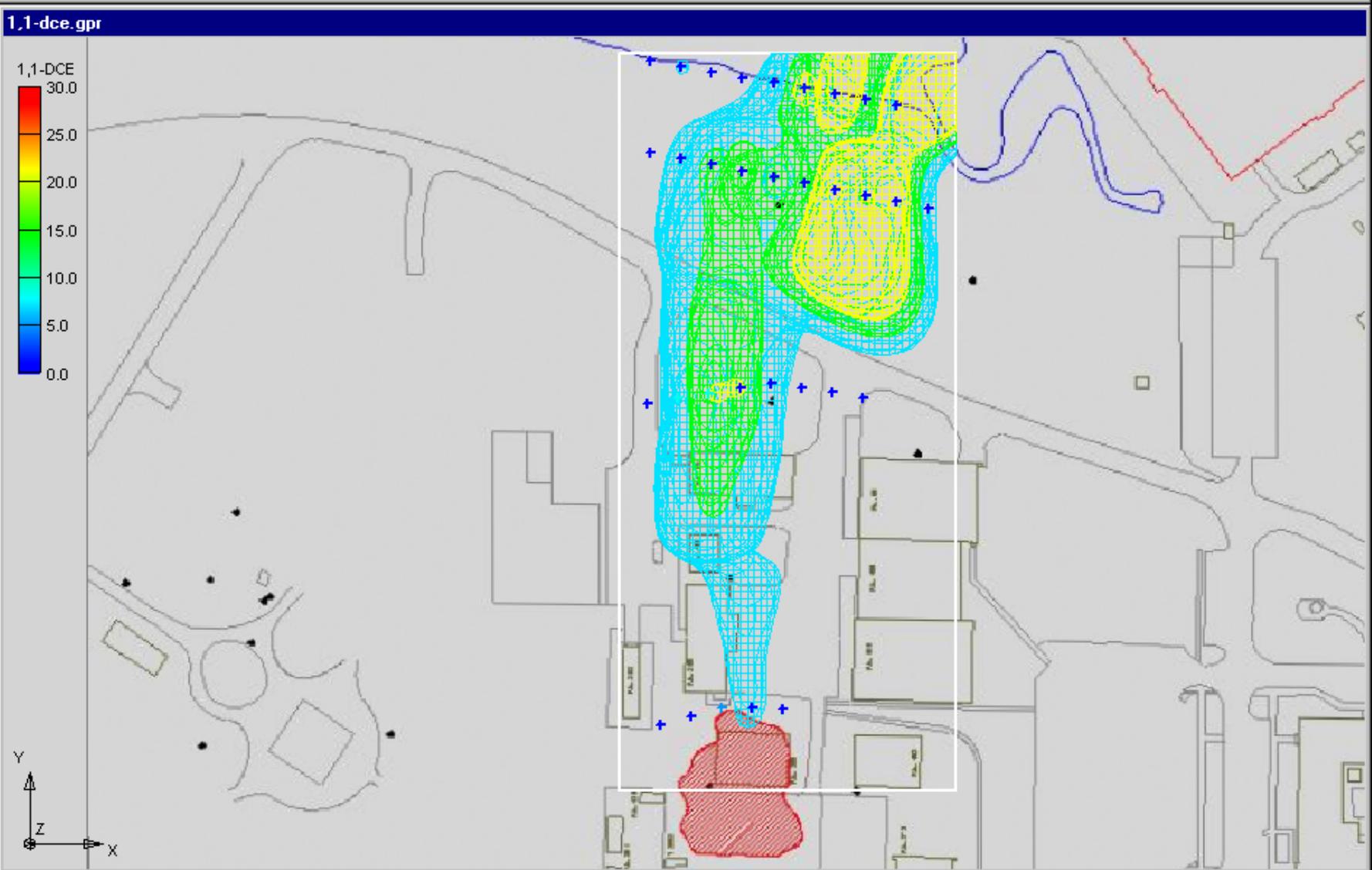
1,1-dce.gpr

1,1-DCE
30.0
25.0
20.0
15.0
10.0
5.0
0.0

None



Y
Z
X



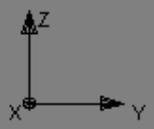
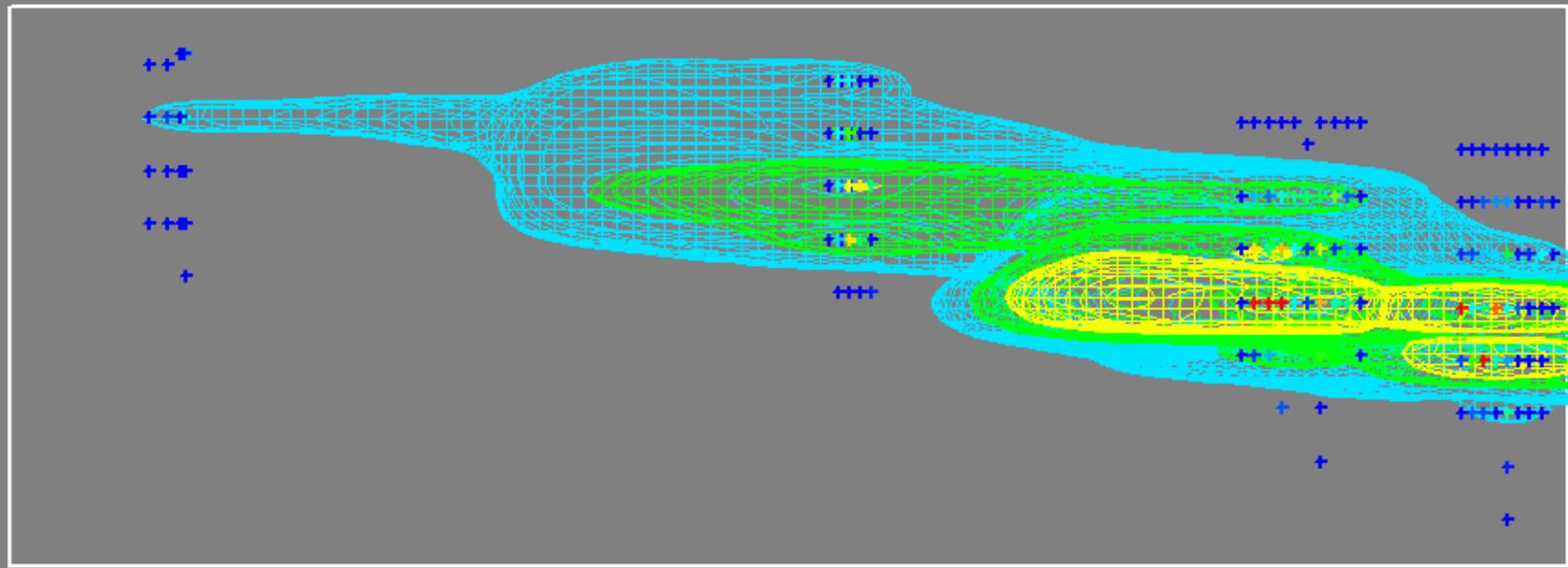
Select Particle Starting Locations. Select a starting location to edit its release times.

X: 5005.1 Y: 7334.8 Z: ? F: ?

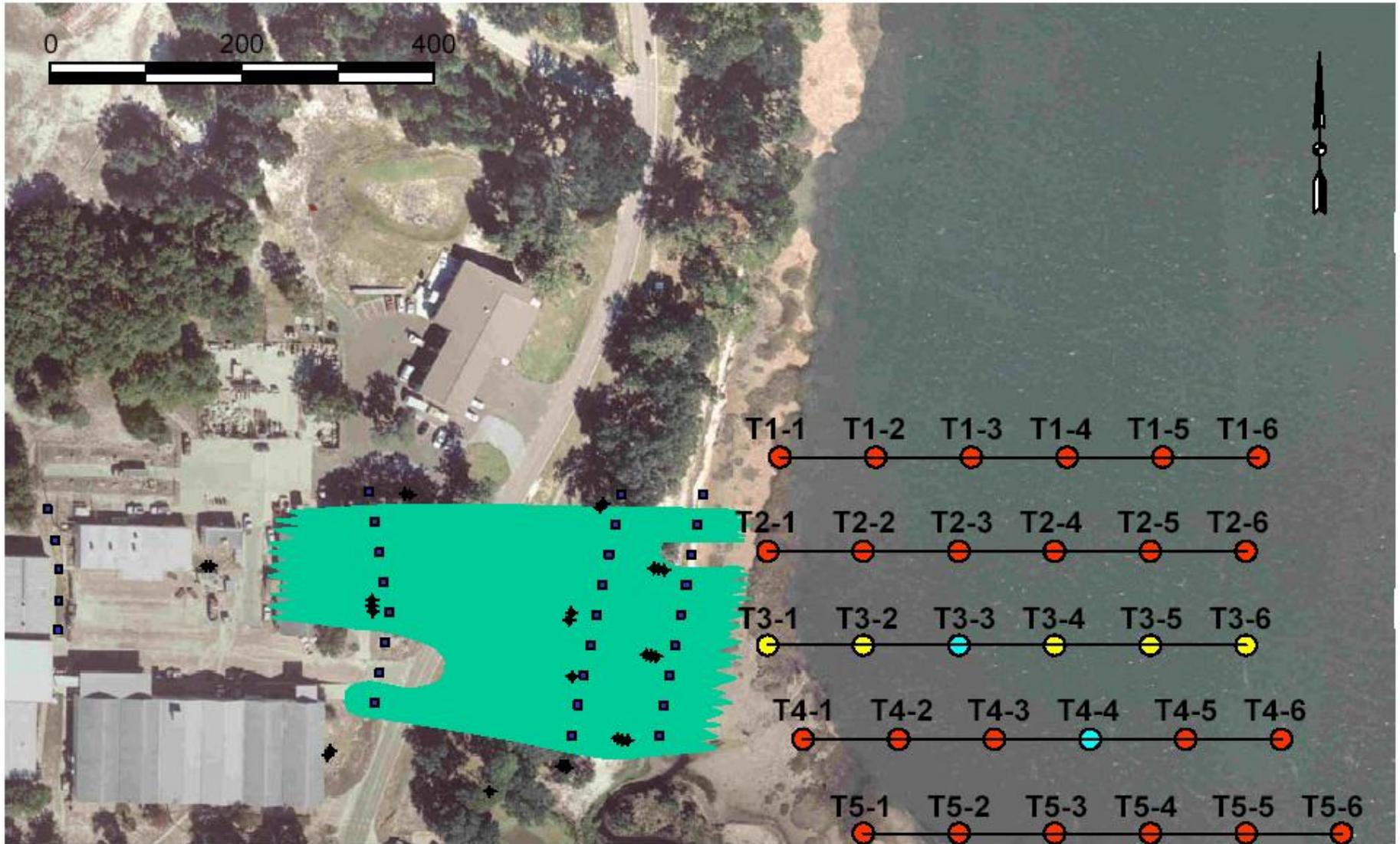
X: 0.0 Y: 0.0 Z: 0.0 F: Coverage: v default coverage Solution: GMS Data Sets Data Set: 1,1-DCE_interp TS:

Vertical toolbar with various icons for file operations, navigation, and visualization.

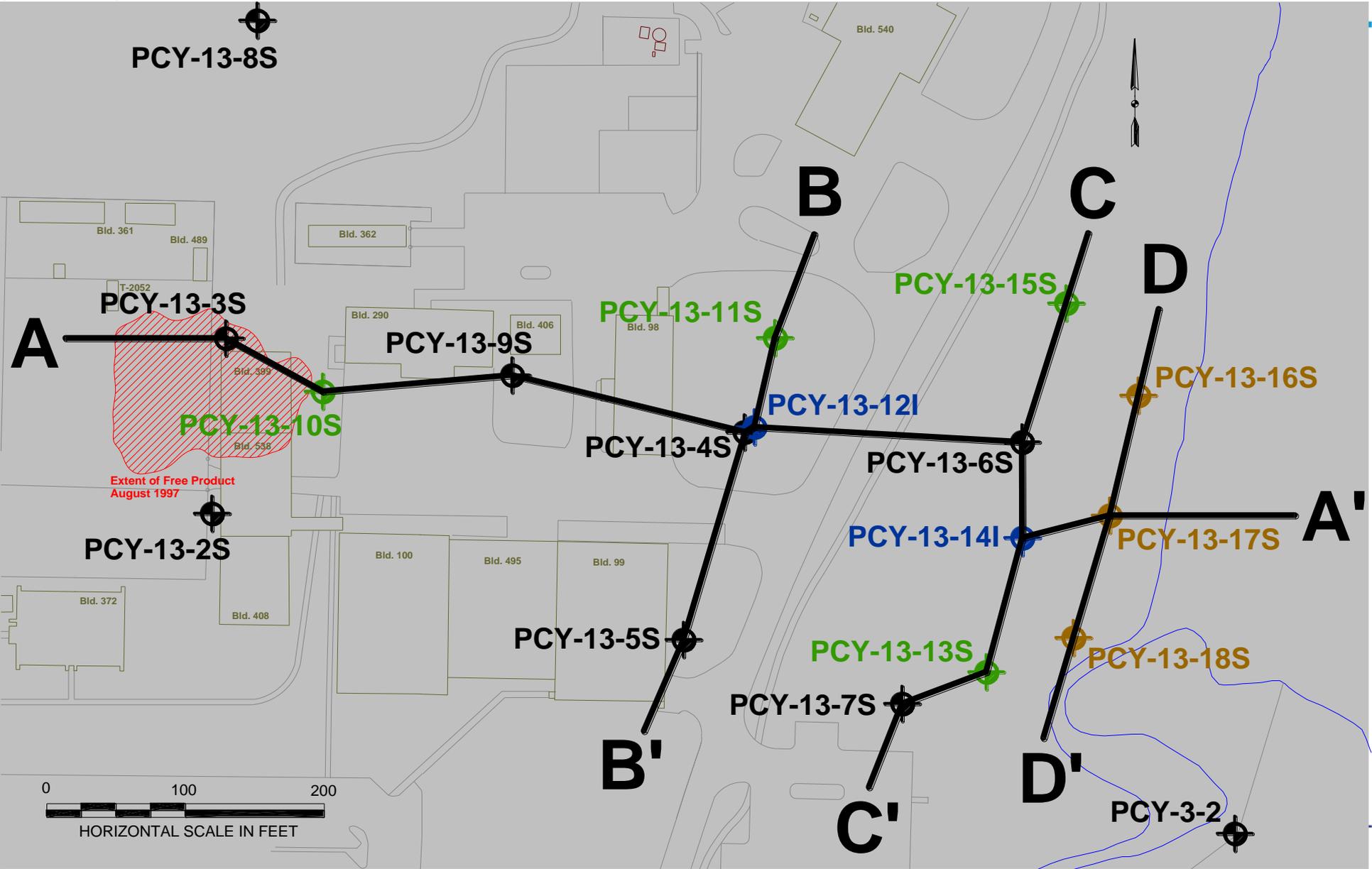
1,1-dce.gpr



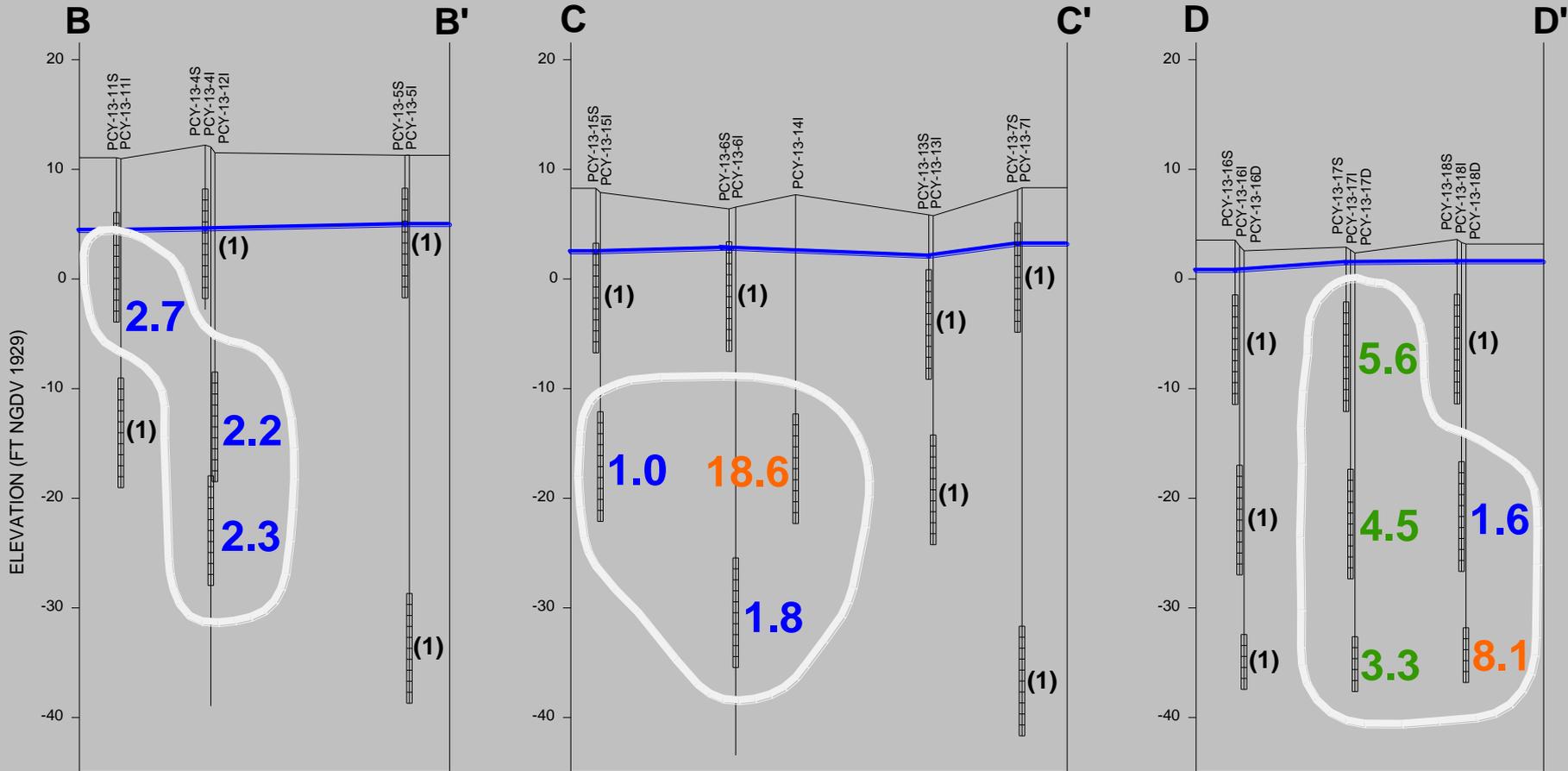
Coastal Monitoring Study



Monitoring Well Locations



1,1-DCE Results (Apr 02)



Notes:

1. Florida Groundwater Cleanup Target Level (GCTL) = 7 ug/L
2. Florida Marine Surface Water Cleanup Target Level (MSWCTL) = 3.2 ug/L annual avg.
3. All concentrations shown in ug/L
4. Numbers in parentheses indicate nondetects at the given detection limit



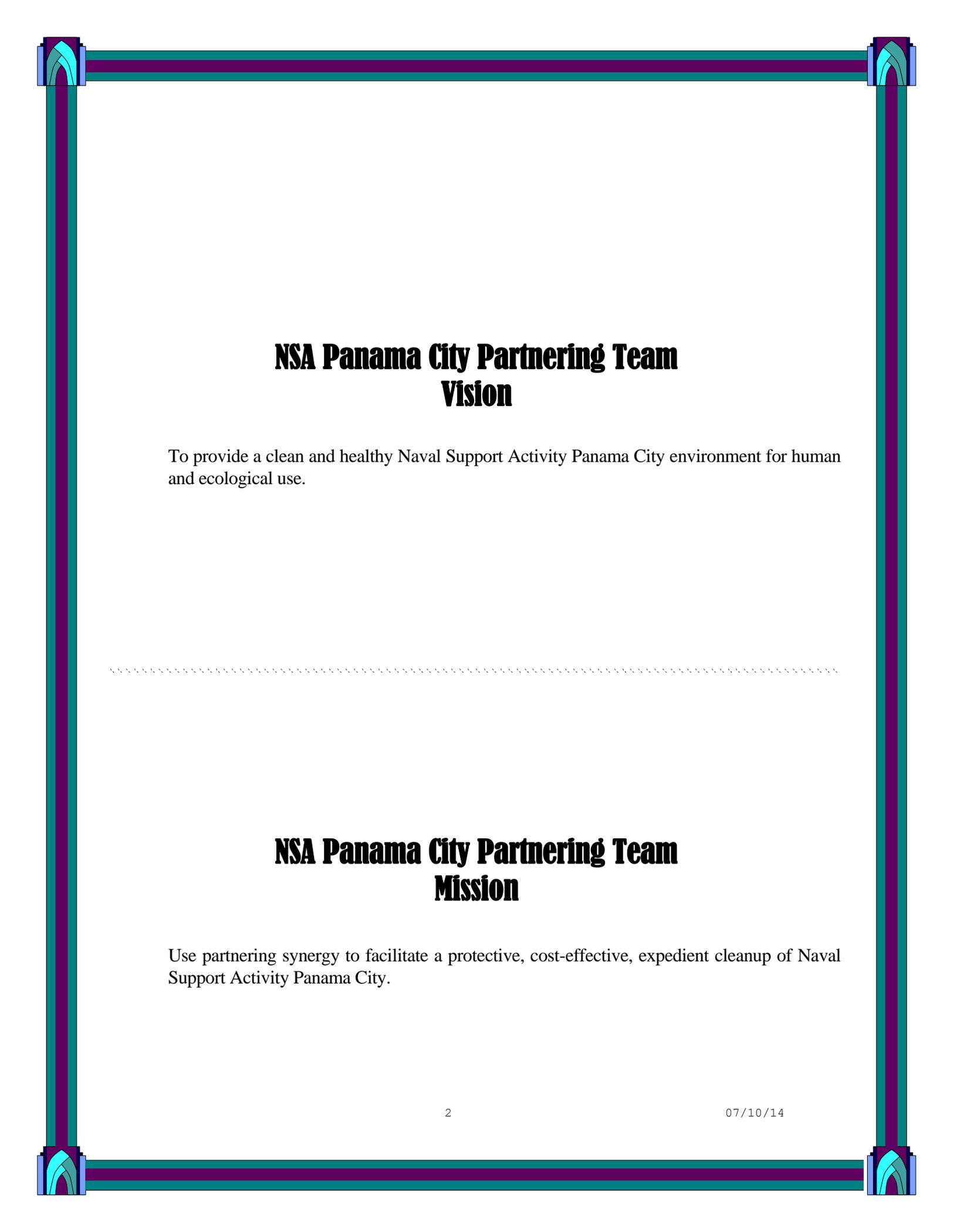
NSA Panama City

NSA Panama City

Partnering Team

Charter





NSA Panama City Partnering Team Vision

To provide a clean and healthy Naval Support Activity Panama City environment for human and ecological use.

NSA Panama City Partnering Team Mission

Use partnering synergy to facilitate a protective, cost-effective, expedient cleanup of Naval Support Activity Panama City.

NSA Panama City Partnering Team Standard Agenda

AGENDA NSA PANAMA CITY PARTNERING TEAM MEETING AT NSA PANAMA CITY, PANAMA CITY BEACH, FLORIDA

Leader: A McDonald
Scribe: K. Newman
Timekeeper: John Winters

Item	Description	Presenter	Time	Category
1	Start Check-in/ Opening Remarks/ Resource Sharing/ Announcements/ Head Count and Proxies/Guests/ Review Ground Rules/ Action Item & Parking Lot Review/Approve minutes	Arturo	08:00 – 08:45	Information
2	Agenda additions/ modifications	Arturo	08:45 – 09:00	Information
3	Contractors Update	Tom	09:00 – 09:15	Update
4	Petroleum Program Update	Arturo/Tom	09:15 – 09:45	Information
5	Funding Update	Phil	09:45 – 10:00	Information
6	Tier II Update	Rich	10:00 – 10:15	Information
7	Break	All	10:15 – 10:30	Refresh
8	Review CAMP and begin Update	Arturo	10:30 – 11:30	Exercise/ Training
9	Partnering Team Training Schedule	Pete P	11:30 – 12:00	Planning
10	Lunch	All	12:00 – 1:00	Refresh
11	Team Charter & Tier II Deliverables	Pete	1:00 – 4:00	Required
12	Break	All	4:00 – 4:14	Refresh
13	Meeting Closeout – review action items/ next agenda/ +/- list / consensus / facilitator evaluation	Arturo	4:15 – 5:00	Planning

NSA Panama City Partnering Team Ground Rules

- 1) One team member speaks at a time.
- 2) No hidden agenda.
- 3) Be open and honest.
- 4) All members are equal.
- 5) If you can say it to one person you can say it to all.
- 6) No side conversations.
- 7) Commitment to attend meetings or appoint a proxy.
- 8) Commitment to action items.
- 9) Adhere to partnering team meeting conduct
- 10) Pay attention/stay involved.
- 11) Attack the problem not the person.
- 12) Have Fun.

OPTIONAL ITEMS NOT REQUIRED BY TIER II.

NSA Panama City Conflict Resolution Model

- 1 *identify problem exists*
- 2 *define and document/depersonalize conflict*
- 3 *analyze the threat – gather data & information*
- 4 *redefine the conflict*
- 5 *evaluate possibilities for resolution*
- 6 *seek consensus (yes go on/ no go back to 5)/compromise*
- 7 *document, implement & evaluate solution*

NSA Panama City Partnering Team Roles & Responsibilities of the Activity

Timely document review and issue resolution.

Support community relations (e.g., consult with American Indian tribes as required, work with Base community).

Ensure remedial actions are implemented and ensure site “close-outs”.

Ensure compliance with NCP and ARARs.

Provide input to development and maintenance of decision documents.

Provide input to development and maintenance of CAMP.

Manage IDW.

Identify probable land uses and provide oversight and coordination of base mission and projects.

Protect natural and cultural resources.

Bring Officer in Charge of NSA’s concerns to the team and visa versa.

Distribute the administrative record to the Public.

NSA Panama City Partnering Team Roles & Responsibilities of Contractors

Timely document preparation or review and issue resolution.
Support community relations.
Ensure remedial actions are implemented and ensure site “close-outs”.
Ensure compliance with NCP and ARARs.
Provide technical support to meet team goals.
Advise team of ways to do work cheaper/better/faster.
Advise team: of schedule slippage with recommendation(s) to get back on target, or adjust the baseline, as to changed conditions, and when assigned tasks will not meet team goals.
Focus work to support decision making.
Be responsive.
Keep activity informed of conditions that affect the activity.
Keep team members informed of status of field work.
Maximize use of all existing data and information.
Be knowledgeable and willing to use the latest techniques.
Assist in planning and execution of program.
Be knowledgeable of regulations and guidance.
Cooperate with regulator(s) oversight during field work.
Fully coordinate field work with activity prior to entering facility.
Advise team of economic and technical impact of their recommendations.
Create and distribute the administrative record in response to Navy request.

NSA Panama City Partnering Team Roles & Responsibilities of Navy RPMs

Timely document preparation or review and issue resolution.
Support community relations.
Ensure remedial actions are implemented and ensure site “close-outs”.
Ensure compliance with NCP and ARARs.
Provide input to development and maintenance of decision documents.
Provide input to development and maintenance of CAMP.
Support team involvement.
Create and distribute the administrative record.
Provide contract administration.
Support ERN program/NAVFAC budget process.
Provide support for regulatory agreements.
Provide technical support to team.
Bring major claimants concerns to the team and visa versa.
Coordinate with non-ERN Project Manager(s)

NSA Panama City Partnering Team Roles & Responsibilities of EPA RPM

Timely document review and issue resolution.
Support community relations.
Ensure remedial actions are implemented and ensure site “close-outs”.
Ensure compliance with NCP and ARARs.
Advise team members of upcoming regulatory changes to allow effective implementation of those changes.
Review and advise regulatory compliance status.
Provide input to development and maintenance of decision documents.
Identify ARARs.
Assist in drafting agreements.
Ensure regional consistency.
Provide technical oversight and support.
Resolve issues or concerns within the department or agency.
Provide criteria for clean-up.
Determine regulatory jurisdiction.
Provide program and technical training.
Provide leadership on policy issue resolution.
Represents the team to coordinate with other regulatory programs, agencies, and trustees.
Advocate Team position to the agency.

NSA Panama City Partnering Team Roles & Responsibilities of State RPM

Timely document review and issue resolution.
Support community relations.
Ensure remedial actions are implemented and ensure site “close-outs”.
Ensure compliance with NCP and ARARs.
Provide input to development and maintenance of decision documents.
Advise team members of upcoming regulatory changes to allow effective implementation of those changes.
Review and advise regulatory compliance status.
Assist in preparing decision documents.
Ensure consistency within state programs.
Provide technical oversight and support.
Resolve issues or concerns within the department or agency.
Provide criteria for clean-up.
Determine regulatory jurisdiction.
Participate in compiling site/facility response needs.
Provide program and technical training.
Provide leadership on policy issue resolution.
Assist in resolution of permitting concerns and issues.
Advocate Team position to the state.

NSA Panama City Partnering Team Expectations of Team Facilitator

The NSA Panama City Partnering Team expects the facilitator to:

As needed:

participate in the meeting, and
keep the meeting moving.

Provide partnering training.

Provide input on team partnering skill needs.

Provide comments on the meeting process.

Provide ideas on how the team can keep improving.

Provide and apply beneficial experiences from other teams to us.

NSA Panama City Field Partnering Team Roles & Responsibilities of Guest Invitor

The invitor of guests to the partnering team meetings is responsible to:

- brief the guest on team norms.
- inform the team of the purpose for guest's attendance and get concurrence for attendance, prior to the meeting.
- inform the guest that they are a source of information for the team.
- define the role of the team for the guest.
- give the guest a copy of the agenda (time limits, expectations).
- introduce the guest to the team, and explain the purpose of the guest, at the meeting.
- debrief the guest following the meeting, and get feedback.
- inform the team at the earliest opportunity of guests invitations.

NSA Panama City Partnering Team Expectations of Tier II Link

The NSA Panama City Partnering Team expects the Tier II Link to:

- Adhere to Partnering Team ground rules.
- Attend team meetings and be prepared for the meetings.
- Provide to the team Tier II information i.e.: updates/minutes, success stories.
- Provide Tier II concerns to the team and visa versa.
- Serve as the NSA Panama City Partnering Team advocate to Tier II and Tier III.
- Provide and apply beneficial experiences from other teams to us.
- Provide management overview.
- Provide training as needed.

NSA Panama City Partnering Team Meeting Conduct

- 1) Follow agenda.
- 2) Call time-out to refocus
- 3) Decisions through consensus
- 4) Start on time, finish on time
- 5) Establish agenda for next meeting
- 6) Issue draft minutes and next meeting agenda 2 weeks prior to next meeting
- 7) Meeting leader and timekeeper roles rotate alphabetically

**NAVAL SUPPORT ACTIVITY PANAMA CITY
PARTNERING TEAM 2008**

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She will be my deputy TOM.

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emergency contact: John Newman (850)339-0934

DRAFT															SITE-SPECIFIC EXIT STRATEGIES NAVAL SUPPORT ACTIVITY PANAMA CITY February 15, 2008				Next Permit Renewal - Nov 2008	
Last RIP/RACR Date		Baseline 11/20/08		Projected 9/30/07																
Last NFA Date		10/8/08		12/31/37																
G O U P	SITE SWMU AOC PSC	T Y P E	Site Name	SITE STATUS										STRATEGY		Exit Strategy Effects			Additional Comments (NFA Documentation (here or on NFA sheet); LUC Duration/Rational; Permit Mod, Steady-state, SC, OPS/RIP Date(s) as applicable)	
				Projected Start Date (if not Started)	In Progress Status	ROD (SB) Baseline Date	ROD (SB) Projected Date	(A)CTUAL	RIP (CMIP Implemented) Baseline Date	RIP (CMIP Implemented) Projected Date	(A)CTUAL	NFA Baseline Date	NFA Projected Date	(A)CTUAL	CTC (Per Navy CTC Guidance)	Exit Strategy (include remedy/media)	Exit Strategy Advantages	Exit Strategy Concerns or Barriers		Exit Strategy Comments (Indicate planned optimizations or alternate remedy as applicable)
	SWMU 10	R	Oil/Water Separator		SOB public comment period ended 5/31/07. SOB under FDEP review.	4/15/05	06/30/08		08/01/06	09/30/06	A	5/1/08	12/31/37		\$32,916	Groundwater - MNA and LUC until NFA	Groundwater LUC required until MNA cleanup. LUC does not restrict facility operations	MNA wells were destroyed by MILCON. Two wells have been replaced and a new downgradient well has been installed. Monitoring began in September 2006 before the SOB and CMIP were approved.	Fourth quarter sampling completed in August 2007. Optimization efforts completed. Recommendations submitted to FDEP.	SOB public comment period ended 5/31/07 with no comments. SOB revised for "residential like" text. Waiting for FDEP concurrence.
	AOC 1	R	Fire Fighter Training Area		SOB public comment period ended 5/31/07. SOB under FDEP review.	4/15/05	06/30/08		08/01/06	09/30/06	A	10/8/08	12/31/37		\$32,917	Groundwater MNA and LUC until NFA; Industrial Soil LUC	Soil and GW Industrial use only LUC required. LUC allows for reduced cost by not cleaning to residential levels. LUC does not restrict facility operations	Monitoring began in September 2006 before the SOB and CMIP were approved.	Fourth quarter sampling completed in August 2007. Optimization efforts completed. Recommendations submitted to FDEP.	SOB public comment period ended 5/31/07 with no comments. SOB revised for "residential like" text. Waiting for FDEP concurrence.
	SWMU 2	R	Burn and Disposal Area		Soil RFI and GW Tech Memo have been approved. CMS and SOB are under FDEP review.	12/15/05	06/30/08		11/20/08	9/24/07	A	11/1/06	12/31/37		\$481,722	Soil removal has been completed. Remedial Action Completion Report approved by FDEP. Groundwater delineation has been completed. LUC and Long term monitoring are required.	Industrial use LUC and GW monitoring required. LUC allows for reduced cost by not cleaning to residential levels. LUC does not restrict facility operations. Monitoring will verify site conditions.	Monitoring began in September 2007 before the SOB and CMIP were approved.		Navy had a goal of having the remedy implemented by 9/30/07. 2007 funding delay negatively impacted schedule. Navy implemented remedy at its risk. SOB public comment period ended 1/31/08. Waiting for FDEP concurrence.
	SWMU 3	R	Burn and Disposal Area		SOB public comment period ended 5/31/07. SOB under FDEP review.	06/30/07	06/30/08		10/28/07	09/30/07	A	10/8/08	12/31/37		\$0	Industrial soil LUC.	Industrial use only LUC required. LUC allows for reduced cost by not cleaning to residential levels. LUC does not restrict facility operations			SOB public comment period ended 5/31/07 with no comments. SOB revised for "residential like" text and eco comments. Re-evaluation of risks has removed previously unaddressed human health risk from exposure to soil and sediment under the current land use. Waiting for FDEP concurrence.
	SWMU 9	R	Fire Fighter Training Area		RFI approved 4/20/07.	12/15/05	NA		NA	NA	NA	1/1/06	11/30/08 (permit renewal date)		\$0	No corrective action required. No Statement of Basis required - only permit modification.	No LUC required			At permit renewal NFA decision will be reflected in permit. The permit mod for the SWMU 9 NFA and a permit expiration extension was requested on October 22, 2007. FDEP draft permit under Navy review.

Notes:

OU = Operable Unit
 SWMU = Solid Waste Management Unit
 AOC=Area of Concern

UST= Underground Storage Tank
 P= Petroleum site
 LUC= Land use control

PSC= Preliminary Site Characterization
 RIP = CMIP implemented
 R= RCRA

CTC= Cost to Complete
 RACR= Remedial Action Completion Report
 CERCLA= Comprehensive Environmental Response, Compensation, and Liability Act

RI/FS= Remedial Investigation/Feasibility Study
 ROD = Statement of Basis approved.
 NFA= No Further Action
 C= CERCLA
 RCRA= Resource Conservation and Recovery Act
 NA = Not applicable

NFA SITE DOCUMENTATION

				Status			
G O U P	SITE SWMU UST AOC PSC	R C E R R A C L A	Site Name	NFA (Date)	NFA Documentation (Dates & Source)	Documents in Admin Record (Y/N)	Comments
	SWMU 7	R	WWTP	10/01/87	NFA RFA (1987)	Y	Entire WWTP deconstructed and removed from base
	SWMU 11	R	RCRA waste Management area A >	10/01/87	NFA RFA (1987)	Y	
	SWMU 12	R	RCRA waste Management area B >	10/01/87	NFA RFA (1987)	Y	
	AOC 3	R	NIRP Site 8	10/01/87	NFA RFA (1987)	Y	
	SWMU 1	R	Landfill A	01/01/96	NFA RFI (1996)	Y	Construction on SWMU may reopen this site
	SWMU 4	R	Landfill D	01/01/96	NFA RFI (1996)	Y	
	SWMU 8	R	Classified Documents Incinerator	01/01/96	NFA RFI (1996)	Y	
	SWMU 5	R	Paint Equipment Cleaning Area	05/01/97	NFA RFI (1996) and Removal Action Completion Report (1997)	Y	
	AOC 4	R	Building 455 Paint Rinsing Area	05/01/97	NFA RFI (1996) and Removal Action Completion Report (1997)	Y	

DRAFT NSA Panama City Petroleum Sites
February 15, 2008

SMP	SMP	SMP	SMP	SMP		SMP	SMP	SMP	SMF	SMP	SMF	SMP	SMP		SMP	SMP		SMP	SMP		SMP	SMP		SMP		
SITE ID - SWMU, UST, AOC, PSC	Site Name	CNRSE /Team Priority (H,M,L)	Type \$ (ERN, OMN, DESC)	Date Site ID'd	In Progress Status	SAR Date	(ACTUAL)	RAP Baseline Date	RAP Plan Date	(ACTUAL)	RAP Complete	(ACTUAL)	MOP Date	(ACTUAL)	RIP baseline Date	RIP PLAN DATE	(ACTUAL)	Comple - tion Report	(ACTUAL)	NFA/ SRCO baseline Date	NFA/ SRCO Plan Date	(ACTUAL)	Est (CTC if ERN)	LUCs (Y,N)	Interim remedial actions, Exit strategy/remdy & advantages (include media)	Comments/Current Status (NFA Documentation on NFA sheet); LUC Duration/Rational; Date(s) as applicable for Permit Mod, & RACR) Indicate optimizations, remedy concerns or barriers.
UST G300	Building G300 NAVSEA Navy Experimental Diving Unit		OMN		WellBoom to remediate free product										8/30/07	A	06/30/09		06/30/08	06/30/09		\$ 110,000			Active remediation will be conducted to remove free product to below reportable thickness of 0.01 feet. Post active remediation monitoring will be conducted for one year following free product recovery.	Some free product may remain trapped under building footer. Building access for possible well installation to determine if plume is migrating off-site will need to be investigated. It is anticipated the ultimate remedy will be SRCO with LUC. Panama City provided funding in May 2007 to continue remediation. RAP approval due from FDEP by Feb 15; additional planning will
UST 1	Building 278		ERN		AAS/SVE has been shutdown. One-time site-wide sampling conducted in May. Contract has been modified to complete sampling needed for NFA determination.										05/01/04	A	04/01/09		05/13/08	04/01/09		\$ 17,494			AAS/SVE has been shutdown. One-time site-wide sampling conducted in May. Contract has been modified to complete sampling needed for NFA determination.	AAS/SVE has been shutdown. One-time site-wide sampling conducted in May. Contract has been modified to complete sampling needed for NFA determination.
UST 3	Building 325		ERN		AAS/SVE has been shutdown. One-time site-wide sampling conducted in May. Contract has been modified to complete sampling needed for NFA determination.										05/01/04	A	04/01/09		02/24/08	04/01/09		\$ 17,494			AAS/SVE has been shutdown. One-time site-wide sampling conducted in May. Contract has been modified to complete sampling needed for NFA determination.	AAS/SVE has been shutdown. One-time site-wide sampling conducted in May. Contract has been modified to complete sampling needed for NFA determination.
AOC 2 (sites 333 and 307) (SWMU 14)	Underground Oil Contaminated Area		ERN		Draft RAP has been approved by FDEP. RAC WP to be submitted to FDEP.			03/31/07	03/28/07	A					09/30/07	09/30/08	1/31/09		09/30/37	09/30/37		\$ 770,490			RAP has been approved. Free product removal by excavation was programed for FY08. Contract was awarded in Sept. 2007. Post active remediation monitoring will be conducted.	MILCON project impacted plans. Funding to implement the RAP was not to be available until FY08, however the contract was awarded in September 2007.

ion Report = remedy compl

Site	SOB	NFA
2	Y	N
3	Y	N
9	N	Y
10	Y	N
AOC 1	Y	N

No.	CTO	Document Name	Date Submitted (or to be submitted)	FDEP Approval Date	Date Comments are Due	Comments Received from				Alternative Summary Analysis Required (NAVFAC)	Comments1	Completed?
						FDEP	NAVFAC Southeast	NSA Panama City	Public			
Non-Petroleum												
2	66	Draft Alternative Analysis Summary		NA		NA	5/15/2007	5/14/2007	NA	No	All comments and approvals were handled via e-mail.	YES
2	66	Final Alternative Analysis summary		NA		NA	5/21/2007	NA	NA	No	Approval received via e-mail.	YES
2	66	Internal Draft CMS Rpt for SMWU 2	7/17/2007	NA		7/27/2007	7/23&27/2007	7/19/2007	NA	Yes	Submitted to NAVFAC & NSA PC on 7/17/07	YES
2	66	Draft CMS Rpt for SMWU 2	8/24/2007	Verbal 11/15/07		8/22/2007	8/22/2007	7/20/2007	NA	No	Submitted to NAVFAC & NSA PC on 8/24/07. Verbal approval received in 11/15/07 partnering mMtg.	YES
2	66	Final CMS Rpt for SMWU 2	11/27/2007	Verbal 11/15/07		11/15/2007	11/15/2007	11/15/2007	NA	No	Final incorporating all FDEP changes submitted to NAVFAC, NSA PC, and FDEP on 11/27/07. Waiting on formal FDEP approval.	YES
2	66	Internal Draft QAPP for GW Monitoring	4/18/2007	NA		NA	4/19/2007	4/19/2007	NA	No	Work plan strategy submitted via e-mail to partnering team. FDEP approved the work plan strategy on 4/19/2007. FDEP directed TtNUS not to issue green covers for final version of documnt.	YES
2	66	Draft QAPP for GW Monitoring	4/30/2007	4/19/2007		4/19/7002	4/26/2007	4/26/2007	NA	No	E-mail approval of strategy in draft WP was received on 4/19/07 from T. Bolanos with request to change two well locations. This change was made and the word plan was implemented in May 2007.	YES
2	66	Final QAPP for GW Monitoring	NA	4/19/2007		NA	NA	NA	NA	No	Verbal approval of draft field work strategy received from by T. Bolanos on 4/19 before the field event. Verbal approval of the plan received from her after implementation of the field event (see July & Sep 2007 minutes). Thnsi approveal rendered the document final but no separate final version was issued, per FDPE instruction.	YES
2	66	Final HASP revision for GW Monitoring	6/30/2007	NA		NA	NA	NA	NA	No	Submitted to NAVFAC & NSA PC on 6/30/07 No comments received from Navy.	YES
2	66	Internal Draft Tech Memo for GW Sampling (2 splg rounds combined)	6/30/2007	NA		7/20/2007	7/2/2007	7/2/2007	NA	No	Submitted to NAVFAC & NSA PC on 6/30/07	YES
2	66	Draft Tech Memo for GW Sampling (2 splg rounds combined)	7/17/2007	11/15/2007		NA	7/2/2007	7/2/2007	NA	No	Submitted to NAVFAC & NSA PC on 7/17/07. Navy effectively approved the Internal draft tech memo by requesting (in e-mail from Gates to Bolanos on 7/2/07) FDEP approval.	YES
2	66	Final Tech Memo for GW Sampling (2 splg rounds combined)	8/24/2007	11/15/2007		11/15/2007	11/15/2007	11/15/2007	NA	No	Submitted to NAVFAC, NSA PC and FDEP on 8/24/07. Approval was effected by approving minutes of partnering mtg in Nov.	YES
2	38	Internal Draft SOB for SMWU 2	7/17/2007	NA		NA	7/27/2007	7/20/2007	NA	No	Submitted to NAVFAC & NSA PC on 7/17/07	YES
2	38	Draft SOB for SMWU 2	8/24/2007	11/15/2007		11/15/2007	8/22/2007	8/22/2007	NA	No	Submitted to NAVFAC, NSA PC, and FDEP on 08/24/07	YES

No.	CTO	Document Name	Date Submitted (or to be submitted)	FDEP Approval Date	Date Comments are Due	Comments Received from				Alternative Summary Analysis Required (NAVFAC)	Comments1	Completed?
						FDEP	NAVFAC Southeast	NSA Panama City	Public			
Non-Petroleum												
2	38	Final SOB for SWMU 2	12/10/2007	11/15/2007						No	SOB revised based on Nov 15 Partnering mtg and ready for distribution (see e-mail to Choich dated 11/28). In Nov 15, 2007 partnering mtg., Tracie said to send it out for public notice. When Tracie gets the summary letter and the SOB with revised Figure 4 she will send an approval letter. SOB sent to public coment on 12/16/2007.	YES
2	38	Revised Final SMWU 2 Statement of Basis	12/11/2007	12/11/2007		11/15/2007	11/15/2007	11/15/2007	NA	No	Revised based on Nov 15, 2007 partnering meeting	YES
2	38	Revision 2 to Final SMWU 2 Statement of Basis	12/13/2007	12/12/2007			12/12/2007	12/12/2007	NA	No	Revised to correct public comment period dates. Posted to TtNUS Public ftp site and issued in hardcopy on 12/13/07.	NO
2	38	Draft Public notices (radio and newspaper) for SMWU 2 Statement of Basis	11/11/2007	11/11/2007		11/11/2007	11/11/2007	11/11/2007	NA	No	Approved by Navy/FDEP on November 11, 2007	Yes
2	38	Public notices (radio and newspaper) for SMWU 2 Statement of Basis	12/16/2007	12/13/2007		12/13/2007	12/13/2007	12/13/2007	NA	No	Pub notice issued on December 16, 2007.	Yes
2	38	Draft Summary and Concurrence Letters for SMWU 2 SOB				Y*	Y*	Y*	NA	No	These documents revised 11/28/07 and ready for distribution (see e-mail from Johnston to Choich dated 11/28).	NO
2	38	Public Notice for SMWU 2 SOB	12/10/2007	12/11/2007		Y*	Y*	Y*	NA	No	Draft approved by FDEP; issued Dec 16, 2007.	YES
2	38 & 66	Internal Draft CMIP for SWMU 2	8/31/2007	NA		NA	Y	Y	NA	No	Submitted to NAVFAC & NSA PC on 8/31/07.	YES
2	38 & 66	Draft CMIP for SWMU 2	9/20/2007	11/15/2007		Y	Y	Y	NA	No	Submitted to NAVFAC & NSA PC on 9/20/07	YES
2	38 & 66	Final CMIP for SWMU 2	11/27/2007	11/15/2007		11/15/2007	11/15/2007	11/15/2007	NA	No	Directed by FDEP in Partnering Mtg to render the document final after changing Fig 4-1 to show change in GW LUC boundary. Submitted to NAVFAC, NSA PC & FDEP on 11/27/07.	YES
2	66	IDraft LTM Report, Round 1	12/13/2007	NA		NA	1/2/2008	1/2/2008	NA	No	Submitted to Navy in hardcopy and posted to TtNUS public ftp site 12/13/07. No comments received from NAVFAC and NSA PC.	YES
2	66	Draft LTM Report, Round 1							NA	No	Submitted to Navy and FDEP 1/3&4/08	NO
2	66	Final LTM Report, Round 1				NA	NA	NA	NA	No		NO
2	66	Draft LTM Report, Round 2 (annual)							NA	No		NO
2	66	Final LTM Report, Round 2 (annual)				NA	NA	NA	NA			NO
2	66	Draft LTM Report, Round 3							NA	No		NO
2	66	Final LTM Report, Round 3				NA	NA	NA	NA			NO
2	66	Draft LTM Report, Round 4 (annual)							NA	No		NO
2	66	Final LTM Report, Round 4 (annual)				NA	NA	NA	NA			NO

No.	CTO	Document Name	Date Submitted (or to be submitted)	FDEP Approval Date	Date Comments are Due	Comments Received from				Alternative Summary Analysis Required (NAVFAC)	Comments1	Completed?
						FDEP	NAVFAC Southeast	NSA Panama City	Public			
Non-Petroleum												
3	38	Internal Draft SOB for SMWU 3	10/28/2006	NA			12/22/2006	1/18/2007	NA	No	NAVFAC legal counsel and RPM comments received 11/29/07; additional legal counsel comments received 12/02/07.	YES
3	38	Draft SOB for SMWU 3	1/4/2007	3/29/2007		Y	1/18/2007	1/18/2007	NA	No	Submitted to NAVFAC, NSA PC & FDEP on 01/18/07. 3/29/07 teleconference minutes serve as comment response and approval of the draft Statement of Basis.	YES
3	38	Final SOB for SWMU 3	4/4/2007	3/29/2007			11/15/2007	11/15/2007	11/15/2007	No	Submitted April 4, 2007 to NAVFAC, NSA PC, and FDEP. Submitted to public comment on 4/15/07. No comments received. FDEP later added more comments regarding specific language.	YES
3	38	Revised Final SOB For SMWU 3								No	Revised based on Nov 15 Partnering Meeting - markups submitted to word processing 12/31/2007 (dated Jan 15, 2008). Still needs changed public comment dates (tentative dates = 18 Feb - 3 Apr, 2008).	NO
3	38	Draft Summary Memo and Concurrence Letter for SWMU 3	4/23/2007				11/15/2007	11/15/2007	11/15/2007	NA	Submitted to NAVFAC for transmittal to FDEP and NSA PC on 4/23/07. New draft documents prepared and submitted to FDEP et al on 6/12/07 via e-mail to include minor changes.	YES
3	38	Final Summary Memo and Concurrence Letter for SMWU 3					11/15/2007	11/15/2007	11/15/2007	NA	Revised based on recent (between Jun and Dec) comments requiring incorporation of expanded ecorisk language and language identifying mechanism for enforcing LUCs and residential or residential-like use.	NO
3	38	Public Notice for SWMU 3	4/4/2007	4/4/2007			4/5/2007	4/4/2007	4/4/2007	NA	FDEP approval received 4/5/07; public notice issued 4/15/07. Awaiting SWMU 2 completion of public comment before re-issuing SMWU 3 SOB for another public comment period. Not sure another comment period is required after final revision are made.	NO
3		Internal Draft CMIP for SWMU 3	10/8/2007	NA				10/11/2007	11/1/2007	NA	Submitted to NAVFAC and NSA PC on 10/8/07.	YES
3	38	Draft CMIP for SWMU 3						11/15/2007	11/15/2007	NA	Not Started as of 12/28/07.	NO
3	38	Final CMIP					NA	NA	NA	NA	Not Started as of 12/28/07.	NO
3,9,10,13/AOC 1	38	Draft RCRA Permit Mod all sites	10/22/2007				NA	10/19/2007	10/19/2007	NA	Extension request only. Waiting on FDEP comments or approval of draft extension request.	NO
3,9,10,13/AOC 1	38	Final RCRA Permit Mod all sites					NA			NA		NO
10	38	Internal Draft SOB (combined with AOC 1)	11/1/2006	N A			NA	11/29/2006	11/29/2006	NA	Submitted to NAVFAC & NSA PC on 9/05/06 then on 11/1/06.	YES
10	38	Draft SOB (combined with AOC 1)	9/5/2006				12/28/2006	12/28/2006	12/28/2006	NA	Submitted to NAVFAC & NSA PC on 9/05/06	YES

No.	CTO	Document Name	Date Submitted (or to be submitted)	FDEP Approval Date	Date Comments are Due	Comments Received from				Alternative Summary Analysis Required (NAVFAC)	Comments1	Completed?
						FDEP	NAVFAC Southeast	NSA Panama City	Public			
Non-Petroleum												
10	38	Final SOB (combined with AOC 1)	9/5/2006	4/4/2007		11/15/2007	11/15/2007	11/15/2007	None	No	Submitted to NAVFAC, NSA PC & FDEP on 4/15/07. In Nov 15 Partnering mtg. FDEP and Navy requested language concerning implementation of LUCs, residential or residential-like use and verification of risks to be incorporate or revised to be consistent with other SOBs.	YES
10	38	Draft Summary Memo and Concurrence Letter for SWMU 10 (Combined with AOC 1)	4/23/2007			11/15/2007	11/15/2007	11/15/2007	NA	No	Submitted to NAVFAC for transmittal to FDEP an dNSA PC on 4/23/07	YES
10	38	Public Notice for SMWU 10 SOB (combined with AOC 1	4/4/2007	4/5/2007		Y	Y	Y	NA	No	FDEP approval received 4/5/07; notice issued 4/15/07.	YES
10		Revised Final SMWU 10 SOB (Combined with AOC 1)	7/10/2007				11/15/2007	11/15/2007		No	Must be revised to incorporate language concerning residential or residential-like land use, enforcement of LUCs, and possibly the descriptions of ecorisk. Revisions not started as of December 13, 2007	NO
10	38	Second Public notice for SMWU 10 SOB (combined with AOC 1)							NA		Not sure revised public notice will be necessary because revisions to SOB don't change the remedy.	NO
10		Revised Final summary and concurrence letters for SMWU 10/AOC 1 Statement of Basis									Need to revise these based on changes to SOB and CMIP.	NO
10		Internal Draft CMIP for SWMU 10	9/28/2007			NA	12/28/2007	1/2/2008	NA	No	Submitted to NAVFAC & NSA PC on 9/28/07. Directed by Gates to update Internal draft to Draft by telephone on 12/28/2007. made additional changes week of 1/2/2008.	NO
10	38	Draft CMIP for SWMU 10							NA	No	Not Started as of 12/28/07	NO
10	38	Final CMIP for SWMU 10				NA	NA	NA	NA	No	Not Started as of 12/28/07	NO
13/AOC 1	38	Internal Draft SOB (combined with SMWU 10)	11/1/2006	N A		NA	11/29/2006	11/29/2006	NA	No	Submitted to NAVFAC & NSA PC on 9/05/06 then on 11/1/06.	YES
13/AOC 1	38	Draft SOB (combined with SMWU 10)	9/5/2006			12/28/2006	12/28/2006	12/28/2006	NA	No	Submitted to NAVFAC & NSA PC on 9/05/06	YES
13/AOC 1	38	Final SOB (combined with SMWU 10)	9/5/2006	4/4/2007		11/15/2007	11/15/2007	11/15/2007	None	No	Submitted to NAVFAC, NSA PC & FDEP on 4/15/07. In Nov 15 Partnering mtg. FDEP and Navy requested language concerning implementation of LUCs, residential or residential-like use and verification of risks to be incorporate or revised to be consistent with other SOBs.	YES
13/AOC 1	38	Draft Summary Memo and Concurrence Letter for AOC 1 SOB (Combined with SMWU 10)	4/23/2007			11/15/2007	11/15/2007	11/15/2007	NA	No	Submitted to NAVFAC for transmittal to FDEP and NSA PC on 4/23/07	YES
13/AOC 1	38	Public Notice for AOC 1 SOB (combined with SMWU 10)	4/4/2007	4/5/2007		Y	Y	Y	NA	No	FDEP approval received 4/5/07; notice issued 4/15/07.	YES

No.	CTO	Document Name	Date Submitted (or to be submitted)	FDEP Approval Date	Date Comments are Due	Comments Received from				Alternative Summary Analysis Required (NAVFAC)	Comments1	Completed?
						FDEP	NAVFAC Southeast	NSA Panama City	Public			
Non-Petroleum												
13/AOC 1		Revised Final AOC 1 SOB (Combined with SWMU 10)	7/10/2007			11/15/2007	11/15/2007	11/15/2007		No	Must be revised to incorporate language concerning residential or residential-like land use, enforcement of LUCs, and possibly the descriptions of ecorisk. Revisions not started as of December 13, 2007	NO
13/AOC 1	38	Second Public notice for AOC 1 SOB (Combined with SMWU 10)							NA		Not sure revised public notice will be necessary because revisions to SOB don't change the remedy.	NO
13/AOC 1	38	Revised Final summary and concurrence letters for SMWU 10/AOC 1 Statement of Basis									Need to revise these based on changes to SOB and CMIP.	
13/AOC 1	38	Internal Draft CMIP for AOC 1	9/28/2007	NA			12/28/2007	1/2/2008	NA	No	Submitted to NAVFAC & NSA PC on 9/28/07. Directed by Gates to update Internal draft to Draft by telephone on 12/28/2007. made additional changes week of 1/2/2008.	NO
13/AOC 1	38	Draft CMIP for AOC 1							NA	No	Not Started as of 12/28/07	NO
13/AOC 1	38	Final CMIP for AOC 1				NA	NA	NA	NA	No	Not Started as of 12/28/07	NO
13/AOC 1	NA	Trident Probe Report	3/29/2007	4/5/2007		Y	Y	Y	NA	No	Verbal approval rec'd from T. Bolanos with pledge to follow with e-mail approval.	YES
3,9,10,13/AOC 1	66	Draft Risk Evaluation (AOC 1/SWMU 10, later added SMWU 3)	NA	NA		NA	NA	NA	NA	No	Included in RFI Addendum Revision 2	
3,9,10,13/AOC 1	66	Final Risk Evaluation (AOC 1/SWMU 10, later added SMWU 3)	NA	NA		NA	NA	NA	NA	No	Included in RFI Addendum Revision 2	NO
3,9,10,13/AOC 1	66	Internal Draft RFI Addendum Revision 2 for SWMUs 3, 9, 10, and AOC 1 (include risk re-evaluations and incorporation of 2003/2004 data)									Revisions started summer of 2007. Additional revisions are in process to incorporate SMWU 3 risk re-evaluation (presented and approved in Nov 15, 2007 Partnering Mtg by FDEP) and to complete the summer 2007 revisions	NO
3,9,10,13/AOC 1	66	SWMU 3/9/10, AOC 1 RFI Report Addendum Revision No. 1		3/29/2007 Verbal 4/20/07 written					NA	No	Change pages submitted 4/2/07.	YES
3,9,10,13/AOC 1	66	Draft RFI Addendum Revision 2 for SWMUs 3, 9, 10, and AOC 1							NA	No	Not Started as of 12/28/07	
3,9,10,13/AOC 1	66	Final RFI Addendum Revision 2 for SWMUs 3, 9, 10, and AOC 1							NA	No	Not Started as of 12/28/07	
Petroleum												
325/278		First and Second Qtr 2007GW Monitoring Report Sites 325/278	9/10/2007	11/15/2007		Y	Y	Y	NA	No		YES

No.	CTO	Document Name	Date Submitted (or to be submitted)	FDEP Approval Date	Date Comments are Due	Comments Received from				Alternative Summary Analysis Required (NAVFAC)	Comments1	Completed?
						FDEP	NAVFAC Southeast	NSA Panama City	Public			
Non-Petroleum												
325/278		Third and Fourth Qtr 2007 GW Monitoring Report Sites 325/278							NA	No		YES
AOC 2	326	Internal Draft Alternative Procedure Remedial Action Plan	3/9/2007				Y	Y	NA	No		
AOC 2	326	Draft Alternative Procedure Remedial Action Plan	3/28/2007			Y	Y	Y	NA	No		
AOC 2	326	Final Alternative Procedure Remedial Action Plan	6/18/2007	8/1/2007		Y	Y	Y	NA	No		
AOC 2	326	Internal Draft Implementation of Remedial Action Plan at AOC 2 (WP Addendum No. 2)	11/6/2007				Y	Y	NA	No		
AOC 2	326	Draft Implementation of Remedial Action Plan at AOC 2 (WP Addendum No. 2)	11/15/2007	11/15/2007		Y	Y	Y	NA	No		
AOC 2	326	Final Implementation of Remedial Action Plan at AOC 2 (WP Addendum No. 2)	11/28/2007	11/15/2007		Y	Y	Y	NA	No		
AOC 2	326	Internal Draft Underground Storage Tank Monitoring Well installation Sampling Event WP for Area of Concern 2, November, 2007.	10/10/2007				Y	Y	NA	No		
AOC 2	326	Draft Underground Storage Tank Monitoring Well installation Sampling Event WP for Area of Concern 2, November, 2007.	11/15/2007	11/15/2007		Y	Y	Y	NA	No		
AOC 2	326	Final Underground Storage Tank Monitoring Well installation Sampling Event WP for Area of Concern 2, November, 2007.	12/11/2007	11/15/2007		Y	Y	Y	NA	No		
AOC 2		HASP for Contamination Assessment at AOC 2, September, 2007.	10/1/2007	NA		N		Y	NA	No	Comments Adressed	
G300	85	Work Plan for GW Remediation, Monitoring, and Reporting for Bldg G300, October 2007	31-Oct-07						NA	No	Verbal OK at Partnering Meeting 10/7/2007?	
G300	85	HASP for Remediation, Monitoring, and Reporting for Bldg G300	31-Oct-07	NA					NA	No		
G300	85	First Qtr Monitoring Rpt Bldg 300							NA	No		
G300	85	Semi-annual Monitoring Rpt Bldg 300							NA	No		

No.	CTO	Document Name	Date Submitted (or to be submitted)	FDEP Approval Date	Date Comments are Due	Comments Received from				Alternative Summary Analysis Required (NAVFAC)	Comments1	Completed?
						FDEP	NAVFAC Southeast	NSA Panama City	Public			
Non-Petroleum												
G300	85	Third Qtr Monitoring Rpt Bldg 300							NA	No	Not funded yet	
G300	85	Fourth Qtr Monitoring Rpt Bldg 300							NA	No	Not funded yet	

Light Blue = verified prior to or including 12/31/07

Date of mtgs or teleconferences in which a document is approved is the actual approval date.

FDEP approves draft which is then converted to final, therefore I assumed no comments to be received on final docs except SOBs.

* Comments received at various times prior to issuance of public notice.