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NSA PANAMA CITY
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DRAFT MINUTES FROM PARTNERING TEAM MEETING DATED 15 NOVEMBER 2007 CSS
PANAMA CITY FL
11/15/2007
TETRA TECH

Leader: Bill Gates
Scribe: Denise Slowick
Timekeeper: Tom Johnston

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	Bill	8:30-9:15	Info
2	Tier II Update	Rich	9:15-9:30	Info
	Petroleum Site Update – with concurrent Exit Strategy update			Info
3	G300	Larry/John	9:30-9:40	Update
4	AOC 2 Free Product Removal – Monitoring Work Plan, CH2M Hill's Work Plan	Larry/Bill	9:40-9:55	Update
5	USTs 1 & 3 (Sites 325 & 278) – 1 st & 2 nd Quarter Rpt, 3 rd & 4 th Quarter fieldwork status	Tracie Bill	9:55-10:05	Update
	Break	All	10:05-10:20	
	Non-Petroleum Site Update - with concurrent Exit Strategy update			Info
6	SWMU 2 Final Tech Memo	Tracie	10:20-10:25	Approval
7	SWMU 2 Final CMS	Tracie	10:25-10:30	Approval
8	SWMU 2 Draft SOB	Tracie	10:30-10:35	Status
9	SWMU 2 Draft CMIP	Tracie	10:35:-10:45	Status
10	NSA PC LUC process	Arturo/Mike	10:45-11:05	Info
11	SWMU 2 LTM Round 1	Tom	11:05-11:35	Status
	Lunch	All	11:35-12:35	
12	SWMU 3 Revised Risk Evaluation	Tom	12:35-1:05	Info
13	SWMU 3 Final SOB	Tom/Bill/ Arturo/Mike	1:05-1:20	Info
14	SWMU 10/AOC 1 Final SOB	Tom/Bill	1:20-1:35	Status
15	SWMU 10/AOC 1 LTM 3 rd Quarter Rpt 4 th Quarter Report recommendations	Tracie Bill	1:35-1:50	Status
16	SWMUs 3/9/10/AOC 1 RFI Add., Rev. 1 2003/2004 Data	Tom	1:50-2:05	Status
17	Permit mod (Expiration extension, SWMU 9 NFA)	Bill	2:05-2:10	Update
	Break	All	2:10-2:25	

	18	CAMP/Exit Strategy Review	Bill	2:25-2:45	Concur
	19	Facilitator Training	Pete	2:45-3:15	Info
	20	Meeting Closeout – review action items, consensus items, +/-, next agenda	Bill	3:15 – 3:45	Info

NA = Not applicable

Meeting Schedule:

**NSA Panama City Meeting Minutes
Tallahassee, Florida - TtNUS Office
November 15, 2007
(DRAFT)**

Leader: Bill Gates NAVFAC SE
Scribe: Denise Slowick TtNUS

Attendees:
Tracie Bolanos 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 – Bill Gates	<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 – Retiring in 10 months and 14 days. He is not sure of the status of recruitment of follow-on personnel. He doesn't expect anything significant to happen until well into next fiscal year. NAVFAC SE is officially closed at the end of this fiscal year. • Mike Clayton – Had trouble getting to the meeting. • Arturo MacDonald – Had trouble getting to the meeting. • Tom Johnston – No trouble getting to meeting; ready for business. • Tracie Bolanos – Going back to Dallas soon; finished deck on house. • Rich May – Welcomed the Team to Tallahassee. He has just returned from vacation in B.C./Vancouver; visited lots of parks; went on excursions. • Larry Smith – Has nothing. • Pete Paznokas – Vacationed in: Iceland, Croatia, Slovenia, France in MO, Back roads of Tuscany, last weekend in NY City. Enjoyed Tuscany the most. <p>Bill passed out the Ground Rules to the Team and each team member took turns reading one of the rules.</p> <p>Bill went through the Action Item list from the September Teleconference Meeting and Actions 1 thru 13 were all marked as DONE.</p> <p>Consensus #1: The meetings minutes from the September teleconference can go final.</p> <p>The Team has no changes to this meeting agenda.</p>
Tier II Update - Rich May	<p>Rich has only had one Tier II teleconference meeting since our last meeting in September. The next Tier II meeting is scheduled for the week after Thanksgiving in Orlando, Florida. He needs all Exit Strategies to be update for this next Tier II meeting. The Team has agreed to update the Exit</p>

	Strategy at the end of each scheduled discussion to follow.
Petroleum Site Update – with concurrent Exit Strategy update	
G300	<p>Larry had a phone discussion with John Robinson letting him know what he would be discussing at this meeting.</p> <p>Larry gave a brief review of Site G-300:</p> <ul style="list-style-type: none"> • remediation with a backhoe (tried not to disturb building structure). • sampling was started on a 1 year Quarterly schedule. • concentrations were below GCTLs. • Then during the 4th quarter sampling there free product was found in a well. • 10 weekly bailing events since that time have not produced free product. • funding has been given to continue these events. • The remediation sock in the well has not been effective– 1st sock was not functioning well – removed it and was sent to the manufacturer for analysis. The manufacturer blamed the failure on the free product in the well being too thick. • There is currently a sheen and strong odor but no free product. • bailing frequency has been changed to every 2 weeks. <p>Mike asked whether socks are still in use and Larry indicated that they are. Tracie asked Larry whether TtNUS was planning to use socks on any other sites. Larry said they are (at Whiting Field) to see if it will work there because he still has hope that the socks will work.</p> <p>TtNUS is hoping to get addition funding to continue next years sampling. Larry's concern is that the product could come back at any time, even with low GCTLs.</p> <p>Tracie added that sampling could show that the plume is not moving. Mike then asked if we would need down gradient wells. Larry explained that we effectively have a down gradient or at least side gradient well but could add others if necessary.</p> <p>Larry explained that there is a section of the building floor that we can not readily drill through because of the composition of the concrete but there are locations that can be drilled around this area.</p> <p>Arturo – asked whether John Robinson is moving to Jax or is he retiring - Bill didn't know.</p> <p>Exit Strategy for G300:</p> <ul style="list-style-type: none"> • Remedy is in place – dates are good. • NFA date – add 1 year • Comments still good – Bill added wording per Tracie

	<p>that the team needs to further assess to see if contaminated plume has migrated offsite and this can be done with an additional well in the building. Mike questioned whether sampling could occur offsite or off base. The Team needs to determine what the site boundaries will be.</p>
<p>AOC 2 Free Product Removal – Monitoring Work Plan, CH2M Hill’s Work Plan</p>	<p>Larry handed out a map to denote wells to be sampled and installed at AOC 2. During a private discussion with Tracie earlier in the office Larry discussed adding 2 new wells.</p> <p>Larry found 4 old wells around the area where they were going to put in wells anyway. He decided to use these old wells. They were installed 10 years ago and include 3 shallow and 1 deep. (well IDs are PCY-307–MW-01 through 03 and PCY-307–MW-04D)</p> <p>Tracie added that an upgradient and side gradient well need to be installed because she is still seeing a hole in the spatial coverage. MW3 and MW36 need to be shown as clean otherwise new wells need to be put in. Shown on the upper left quadrant of the map (Attachment #1) is the section that shows the hole and needs to be proven to be clean.</p> <p>Larry informed the Team that drilling will begin next Monday for the new wells. Bill indicated that CH2MHill’s remediation start date is early January.</p> <p>The Work Plan (Underground Storage Tank Monitoring Well Installation and Sampling Event Work Plan for Area of Concern 2) is signed and completed as FINAL. Bill wants to make sure that Tracie/FDEP approves the Work Plan and that going in the field Monday is fine. Bill asked that the Team give consensus that the Work Plan for drilling on Monday is good.</p> <p>Consensus #2: The team (Tracie/FDEP) approves the TtNUS Work Plan (Underground Storage Tank Monitoring Well Installation and Sampling Event Work Plan for Area of Concern 2).</p> <p>The Team then went into a long discussion on how we will treat document approval at partnering meetings in the future. The Team decided that consensus items should be on a separate sheet that will be added to the minutes. Larry’s Work Plan (title) is the first to be added.</p> <p>The following points were discussed:</p> <ul style="list-style-type: none"> • Do we need the signature page from each final document that meets consensus? • Tom wants a signature from Navy/FDEP and stated that from a QA standpoint our company should have that signature. • Bill added that legal requirements need to be satisfied . • Rich said that it has never been the intent for Partnering to be run like that and that consensus at

	<p>meeting is a legal approval. A follow-up with a letter from the meeting for documentation is our (TtNUS) responsibility.</p> <ul style="list-style-type: none"> • Bill wants major deliverables to still follow the same course and that Team consensus will have to do for other document approvals. He asked how can we satisfy the QA aspects of these. • Tracie added that a follow up such as sampling results report will serve that aspect. • Tom said that if Navy is satisfied to not have written FDEP approval then it is at Navy risk and Bill agreed with this. • Mike added that he would like a document approval list at each meeting. <p>Action Item #1: Denise will find an example of a document tracking list (from Mayport or NAS Jax) and add the Underground Storage Tank Monitoring Well Installation and Sampling Event Work Plan for Area of Concern 2 as the first document. Action completed. Bill Gates took care of this and this list is provided as Attachment #2 to these minutes.</p> <p>Action Item #2: Tom will add all old documents to the new document tracking list.</p> <p>Bill – After Tetra Tech completes the baseline sampling event, the CH2 free product removal work plan will be implemented. The Navy has reviewed CH2 removal of the free product work plan. It is a simple work plan to dig up 2 ft below the water table, capture the GW coming into excavation, pump GW into trucks, transport by truck for off-site disposal. Larry’s sampling after this will see if there are other GW problems. Tracie – approving. Bill – we doing the intent of the RAP but not all the details. Larry – the RAP is going to pull in tanker trucks and have it delivered to a treatment facility Tracie – this is not a significant change causing the RAP to be revised.</p> <p>Consensus #3: Tracie/FDEP and Arturo/NSA PC gave approval for the CH2M Hill Work Plan</p> <p>Mike needs to know where the trucks are taking the groundwater for treatment – to make sure they have certifications.</p> <p>Exit Strategy: Was updated by the Team; Bill changed some text but dates are OK.</p>
<p>USTs 1 & 3 (Sites 325 &278) – 1st & 2nd Quarter Report, 3rd & 4th Quarter fieldwork status</p>	<p>Bill says that Tracie has the 1st and 2nd qtr reports. He hopes we are in final stages to go NFA. Next week the final sampling will be done.</p>

	<p>All chemical concentrations should be less than GCTLs. Tracie asked if Bill was waiting for review from her for these documents. Bill said yes. Bill – emphasized that all chemical concentrations are non-detect</p> <p>Consensus #4: Tracie/FDEP approved the 1st and 2nd quarter reports for Sites 325 and 278.</p> <p>Exit Strategy: Dates are OK.</p>
<p>Non-Petroleum Site Update – with concurrent Exit Strategy update</p>	
<p>SWMU 2 Final Tech Memo</p>	<p>Tom walked the team through the SWMU 2 tech memo.</p> <p>Tracie pulled up the letter summary that Tom sent her (8-29 is the date of the letter) and Rich printed it for the team. Tracie mentioned that she had given Tom a copy of the summary letter with her changes for incorporation into the document. Tom acknowledged this and indicated that he had made the requested changes.</p> <p>Bill – Mentioned that NAVFAC does not have an approval from FDEP on the Tech Memo Report.</p> <p>Parking Lot Item #1: Tom will send all of the drawing files (all LUC drawings when final from SOB) to Mike.</p> <p>July 20th – Tracie went through the draft Tech Memo – Tom addressed comments and is still waiting for the Final approval.</p> <p>Consensus #5: The Team gave its approval of the Final RCRA SWMU 2 Technical Memorandum for May 2007 Well Installation and Sampling. There will be no approval letter for the Tech Memo because these meeting minutes serve as the documentation of approval.</p>
<p>SWMU 2 Final CMS</p>	<p>The question arose as to whether the CMS is also approved.</p> <p>Tom indicated that LUCs would be established with groundwater and surface water monitoring</p> <p>Action Item #3: Tracie/FDEP will issue a formal approval letter on the SWMU 2 CMS (final Corrective Measures Study for Solid Waste Management Unit 2). Tom distributed a final version of the CMS report on November 27.</p>
<p>SWMU 2 Draft SOB</p>	<p>Tracie – wanted to add a reference to FDEP in the center column on Page 1 of the SOB where it states that “Excavation...would be prohibited unless prior written approval is obtained from the NSA Panama City Environmental Office.” Tracie also asked for other specific</p>

	<p>language that FDEP wants in the SOB concerning enforcement of the LUCs and she started writing it on her copy of the SOB to give to Tom. Tom indicated that the language had already been incorporated into the SOB, Page 11. Tom read the language that mirrored the MacDill Air Force Base language for Tracie to see that it's there.</p> <p>Tracie asked whether Mike and Arturo approve this and they indicated they have read it and approve it. Tom indicated that he could insert "FDEP" on the first page, as requested, but the MacDill language did not include this. All agreed that it should not be added and that there would be no changes to the SOB except as noted below (i.e., change groundwater LUC Boundary and remove mail code for Mike and Arturo).</p> <p>Mike asked about whether excavation approval would be required for sewage lines breaking and similar activities. The team agreed that all intrusive activities would be governed.</p> <p>Mike mentioned that family housing has been privatized. There is no private drinking well on the private property but there is one house that is within the groundwater LUC boundary so digging could be problematic for the residents.</p> <p>Tom indicated the wells in that area are clean and that the boundaries are somewhat arbitrary so the boundary can be moved.</p> <p>Mike added that the base residents use city water rather than well water.</p> <p>Action Item #4: Tom will change the LUC boundary line on Figure 4 in the SOB and the CMIP so it does not include housing on the northeast side of the site.</p> <p>Everyone was shown the map with the proposed line and agreed on moving it to the proposed location.</p> <p>Bill asked what happens next. 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.</p> <p>Arturo asked about the public notice – he indicated that he prefers one notice (permit mod and SOB) instead of two.</p>
<p>Lunch</p>	
<p>SWMU 2 Draft CMIP</p>	<p>Bill gave Tracie a brief overview of the Draft Corrective Measures Implementation Plan. Tom indicated that we've already started implementing the plan by collecting the first round of groundwater samples.</p> <p>Tom explained that the plan comprises 2 parts – Land Use Controls and Groundwater/Surface Water monitoring. Five new wells were installed in May; we are sampling these and other SWMU 2 wells.</p>

	<p>Navy is requesting approval of the plan.</p> <p>Tracie – indicated that this is a Draft and the Final is not going to change which leads to Consensus #6.</p> <p>Consensus #6: Tracie/FDEP gave her approval to go Final on the CMIP after the LUC Figure 4-1 is revised.</p> <p>Tom passed out a table of May and September 2007 data to the Team for discussion.</p> <p>Tracie asked for a figure with main contaminants of concern plotted to show the plume.</p> <p>Tom indicated that there is no real plume and confirmed that the spatial distribution of contaminants is more like a chocolate chip cookie where the chips represent high metal concentrations.</p> <p>Tracie asked that Tom still try to map the groundwater contamination showing concentrations greater than surface water standards. He later did this in the LTM report (see Action Item #5 below) but used background concentrations as the delineation limits because nearly all results (background and site) exceeded the SWCTLs.</p> <p>Action Item #5: Tom will try to make a figure showing the chemical concentrations greater than surface water standards for the first LTM report at SWMU 2. The group agreed that the revised figure will be incorporated into the first LTM report instead of the CMIP because the CMIP presented the plan for collecting the September data. Including the September data in the plan for collecting the September data didn't make much sense.</p>
<p>NSA PC LUC process</p>	<p>LUCs are part of the CMIP – Bill asked that Mike and Arturo discuss this further with the team.</p> <p>Arturo – presented PowerPoint slides to explain the Public Works Dept dig permit request and approval Process (Attachment #3 to these minutes).</p> <p>Tracie asked who is reviewing the dig requests.</p> <p>Mike said there is a request review board and he is a member of the board.</p> <p>Bill asked whether this is true when the work is in-house? Arturo said yes, it is. The requestors have to get a TF1 (see Attachment #3)</p>
<p>SWMU 2 LTM Round 1</p>	<p>Tom handed out a table of SWMU 2 data (Attachment #4 to these minutes). He explained that in the past the samplers were experiencing turbidity problems in groundwater samples – it decreases slowly during well purging. He indicated that in</p>

	<p>September the field crew spent extra time purging the wells and the turbidities were generally less than in May. He reviewed the data with the team and explained how Sept. total metals detections decreased in magnitude compared to May. He believes this is due to the turbidity being less in September. With decreased turbidity the manganese, antimony, and total suspended solids concentrations are also generally less in September than in May. Longer well purging is credited with the difference.</p> <p>Action Item #6: Tom will make another figure with the decreased contaminants shown in the LTM report at SWMU 2 (including Sept. and May data).</p> <p>Tom – said he might be able to show the turbidity data along with chemical concentrations and Tracie accepted this. Tom later decided not to do this because the data tags on the figure would become more difficult to read.</p> <p>Tom discussed the Benzene concentrations – they were about the same in September and May but are still greater than the 1 µg/L fresh GCTL.</p> <p>Tracie pointed out that many chemical concentrations are still not below surface water standards. Tom acknowledged this and gave a handout to the Team with background wells data for wells upgradient of other SWMUs. Highlights on the table indicate exceedance of the lower of the GCTL or marine SWCTL. He pointed out that several background concentrations are also greater than the GCTLs and the SWCTLs.</p> <p>Tom explained that surface water was collected in the stream northeast of SMWU 2 and this area is down gradient from a culvert under Solomons Drive. The culvert is a rusty pipe and Tom thought it might be corrugated metal but was not positive. He showed the location of the pipe to Tracie and the team. The most upgradient surface water sample, unaffected by SMWU 2, was taken immediately down stream of this pipe.</p> <p>Tracie asked what was proposed for future sampling. Tom thought the Navy might propose no more future surface water sampling because there were no exceedances of the upgradient surface water value and, as Tracie pointed out, exceedances of SWCTL are measured in groundwater rather than surface water when evaluating impacts to surface water from groundwater.</p> <p>The team also discussed possible additional background surface water locations. Mike showed on the map where there is water</p> <p>Tom explained that he expects antimony to eventually be removed from the COC list because detections of this metal</p>
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	<p>are likely be an artifact of high concentrations of suspended matter,</p> <p>Exit strategy for SWMU 2: ROD projected date was moved from Dec to June. Nothing else changed</p>
<p>SWMU 3 Revised Risk Evaluation</p>	<p>Tom presented a brief history of SWMU 3. He mentioned the RFI from 1996 and what it concluded with respect to risks.</p> <p>He explained that even after he, Bill, and Arturo/Mike did some research, they could not determine why the human health risk was apparently dismissed for surface soil when establishing the remedy. He explained that it appears the unacceptable human health risks originally identified in the 1996 RFI report were put aside as the investigation turned to a more detailed evaluation of ecological risks. The unacceptable human health risks were then apparently forgotten or dismissed, presumably because the land use would remain industrial for the foreseeable future.</p> <p>Tracie mentioned that the University of Florida (Hugo) took a good look at this site and she asked whether Tom looked at the old comments. Tom said he did but his interpretation of past events did not change. Based on a re-evaluation of human health risks in September, TtNUS estimated that there would be no current human health risks from exposure to any environmental media. The only potential risks would be associated with exposure of future residents to surface soil or sediment.</p> <p>Consensus #7: The TtNUS risk assessment for surface soil and human health found no current unacceptable risk. Tracie/FDEP said this risk assessment is sufficient.</p> <p>Action Item #7: Tom is working on the revision of the RFI report for SWMU 3 and will incorporate the re-evaluation of human health risks.</p> <p>Tracie – also wants the risk re-evaluation to be incorporated into the SOB and the Summary Letter. She added that she wants to be sure the mention of ecological risk in the SOB is expanded to incorporate language from her.</p> <p>Arturo wanted to know what kind of LUCs for SWMU 3. Tom indicated that LUCs would require no signs, fences or other engineering controls under the current land use but future use would be restricted through LUCs enforced by the NSA PC Excavation Permit Clearance Program.</p>
<p>SWMU 3 Final SOB</p>	<p>The final SWMU 3 SOB will be revised to include the above conversation outcomes.</p> <p>Tracie asked that we move forward with SWMU 2 first, then follow with SWMU 3. All agreed.</p> <p>Bill asked whether that means suspending submittal of the</p>

	<p>SWMU 3 SOB until SWMU 2 is approved Final.</p> <p>SWMU 2 summary memo – Tom said he could get the revised summary memo to Tracie by next week</p> <p>SWMU 3 should be done in January if we get SWMU 2 done ASAP.</p> <p>Exit Strategy – The SOB date was moved out and some text was revised Everything else was the same.</p> <p>The remedy at SWMU 3 is LUCs only and has been implemented already by way of the excavation permit clearance program.</p>
<p>SWMU 10/AOC 1 Final SOB</p>	<p>Bill indicated that this SOB will have to be revised to include the MacDill AFB language regarding residential and residential-like land uses as well as enforcement of the LUCs at NSA PC.</p> <p>SOB – the team agreed to keep the SWMU 10 and AOC 1 in the same SOB but get SWMU 2 done first. Bill indicated will be ready to send the SWMU 10/AOC 1 SOB in Jan.</p> <p>Action Item #8: The SMWU 10/AOC 1 SOB will have to be revised to include the MacDill AFB language regarding residential and residential-like land uses as well as enforcement of the LUCs at NSA PC.</p>
<p>SWMU 10/AOC 1 LTM 3rd Quarter Report 4th Quarter recommendations</p>	<p>Bill – The OHC report shows results for all 4 rounds of sampling.</p> <p>SWMU 10 – Figure 1 of the report – of those five wells there was an Arsenic exceedance. SVOCs are also being monitored and are yet to be detected Bill said the Navy is proposing in the report to modify the sampling program to eliminate the SVOCs</p> <p>Tracie asked why they were in there to begin with. Bill explained that it had to do with the history of this site being an Oil water Separator. Tom indicated that he thought an early risk assessment mandated them.</p> <p>Bill indicated that arsenic and manganese analyses should be continued but only on an annual basis. He also suggested that the SWMU 2 background data collection should help determine whether arsenic and manganese concentrations at SMWU 2 are consistent with background levels or not.</p> <p>Bill is going to direct OHC to work at getting turbidity lower for the next sampling event.</p> <p>OHC report, page 6, SWMU 10, Section 8 Recommendations – Bill reviewed the bullets with Tracie: 1st bullet (delete the five SVOCs) - Tracie approved</p>

	<p>2nd bullet (arsenic and manganese) leads to Consensus Items #8 and #9...</p> <p>Consensus #8: The Team selected the wells that will be used as the BASEWIDE background wells (PCY-BKG-1S, PCY-BKG-2S, PCY-2-8S, PCY-5-1, PCY-9-5S, PCY-13-1, PCY-13-1S, PCY-14-1, PCY-14-1S).</p> <p>Consensus #9: For SWMU 10 the Team agreed that all organics be taken out of the monitoring program and arsenic and manganese be sampled annually.</p> <p>OHC report, Page 12, AOC 1, Section 8 Recommendations – 1st bullet (delete SVOCs) under AOC 1 – Tracie says these analytes can not be taken off the analyte list.</p> <p>Mike - Bioslurping was done and most of the petroleum was extracted.</p> <p>Bill – OK for the VOCs but not for the SVOCs – we are just not finding any. Tracie wants OHC to do groundwater modeling before taking off any SVOCs</p> <p>Action Item #9: Bill will check with Mike Singletary on ground water modeling for AOC 1. Bill will then set up a phone call with Tracie , Mike and himself to discuss the need for this.</p> <p>Tracie wants modeling done to see what he thinks is the extent of the plume.</p> <p>Exit Strategy – The SOB date was moved out; the remedy is already being implemented.</p>
<p>SWMUs 3/9/10/AOC 1 RFI Add., Rev. 1 2003/2004</p>	<p>Tom – The 1996 RFI Addendum was revised in 2006 but 2003 and 2004 data were not presented in those documents. There will be a RFI Addendum Revision 2 to include the data and other information, including the SMWU 3 risk re-evaluation.</p> <p>Action Item #10: Tom needs to get this done by the end of the year.</p>
<p>Permit Mod (Expiration extension, SWMU 9 NFA)</p>	<p>John Griffin has letter and is working on a draft that will be sent to the Navy before it is sent out for public notice.</p>
<p>CAMP/Exit Strategy Review</p>	<p>Bill reminded the Team that the CAMP is regulatory driven. Tracie indicated that she (FDEP) is fine with the dates and not that worried about the CAMP dates. Bill then asked Tracie how she (FDEP) wants the CAMP submitted. Tracie would like it done here at the meeting and added as a consensus item. It was also agreed that the revised CAMP would be attached to the meeting minutes (as Attachment #5) and a revised Exit Strategy would be attached as Attachment #6. Bill asked for input from the Team on the CAMP dates.</p>

	<p>Consensus #10: The Team agreed that all of the dates on the CAMP as drafted by Bill are fine.</p> <p>Action Item #11: –Bill will revise the CAMP and Exit Strategies with changes discussed in this meeting. He will then send the revised documents to Denise for attachment to the minutes.</p>
Facilitator Training	Pete gave the Team a handout/worksheet for homework. Pete's training portion was cut short due to many needed long discussions. The "Parker Team Player Survey" should be completed and returned at the next team meeting.
Closeout – Action items, consensus items, next agenda	<p>Next meeting:</p> <p>The next Team meeting will be held in Tallahassee on January 30th. The Leader will be Tom Johnston and he will send out the Agenda. The agenda will determine if the whole team is needed or just a few members. If it's not the whole team the meeting will be at FDEP. Pete indicated that he needs to know within 3 weeks of the meeting if he is needed. The next meeting should focus on documentation update and approval for SWMU 2 and SWMU 3.</p> <p>Consensus #11: After a discussion on agenda times, it was decided that the times are to be left on the agenda serving only as a guide. It is the timekeeper's responsibility to keep the meeting flowing and on task with the agenda.</p>
<ul style="list-style-type: none"> + document tracking table + consensus items + consensus tracking table + action items + action item tracking table + great meeting – good participation + meeting in Tallahassee good + used time wisely + good detailed agenda 	<ul style="list-style-type: none"> - agenda changes not made before the meeting – made meeting run long - Pete's training was cut short due to (much needed) long discussions during the meeting

Action Items
NSA Panama City Partnering Team
November 15, 2007

Action Item No.	Responsible Party	Status	Due Date	Action Item
Action Items from November 15, 2007 Meeting				
1	Denise			Find an example of a document tracking list/table from another partnering team
2	Tom			Add all old documents to this new document tracking list/table
3	Tracie			Tracie/FDEP will give an official approval on the Final CMS
4	Tom			To change the LUC boundary line on Figure 4 of the SWMU 2 SOB as agreed to by Team during Meeting (figure also in the CMIP). Horizontal northern boundary will be "kinked" at intersection of boundary line and creek with last leg of line oriented southeastward to the bay.
5	Tom			Although there is no normal contaminant plume at SMWU 2, for the 1 st and subsequent SWMU 2 LTM reports Tom will try and map the plume showing concentrations greater than surface water standards. For the first LTM round he will juxtapose the May and September 2007 data to show the significant concentration changes during that time.
6	Tom			Tom needs a figure for the SWMU 2 LTM Round 1 to show the decrease in contaminants (see above)
7	Tom			Tom is revising the RFI for SWMU 3 capturing the eco and human health risk
8	Tom			The SWMU 10/AOC 1 SOB will have to be revised to include the MacDill AFB language regarding residential and residential-like land uses as well as enforcement of the LUCs at NSA PC.
9	Bill			Bill will check with Mike Singletary on doing groundwater modeling at AOC 1 and set up a phone call with him, Tracie and Mike S.
10	Tom			Tom will try to finish the RFI Addendum Revision 2 by end of year.
11	Bill			Bill will revise the CAMP and Exit Strategies and send to Denise to include in the meeting minutes.

NSA Panama City Partnering Team Consensus Items

Consensus Item No.	Consensus Item
1	Consensus on meetings minutes for September conference call to go final No changes to this meetings agenda.
2	AOC 2 - Tracie/FDEP and Team approved the Work Plan for AOC 2 and the team was notified that drilling will start this coming Monday
3	AOC 2 - Tracie, Arturo and Team gave consensus for the CH2M Hill Work Plan to be finalized.

4	Sites 325 & 278 – Tracie gave her approval of the 1st and 2nd Quarterly reports.
5	SWMU 2 Final Tech Memo - Team gave consensus approval of the Final Tech Memo
6	SWMU 2 Draft CMIP – Team consensus to go Final after the LUC boundary line is moved (above Action Item 4)
7	SWMU 3 – Team reached consensus that the TtNUS risk assessment found no current unacceptable eco or human health risk – Tracie agreed that this risk evaluation is sufficient and asked that it be included in the Statement of Basis.
8	Team consensus was reached to use the SWMU 2 CMIP background wells as the BASEWIDE background wells. It was pointed out that samples from these wells were analyzed for 5 metals only.
9	SWMU 10 – Team consensus was reached to take out all organics from the monitoring program and arsenic and manganese be sampled annually.
10	Team consensus was reached that the CAMP dates are good after revisions from this meeting.
11	Team reached consensus that agenda times will be left on the agenda to serve only as a guide and the timekeeper must keep the meeting moving.

NSA Panama City Partnering Team Parking Lot

Parking Lot No.	Parking Lot Issue
1	Tom will send all drawing files from the SWMU 2 SOB (when they are finalized) to Mike

Meeting Minute Attachments

- #1 AOC 2 Figure Showing well locations in support of meeting discussion. (to be provided separately from draft meeting minutes)
- #2 Document Approval Tracking list (to be provided separately from draft meeting minutes)
- #3 PowerPoint slides to explain the Public Works Dept dig permit request and approval Process.
- #4 Handout of SWMU 2 Data for May and September, 2007 (presented as Table 3-1 of draft Long-Term Monitoring Report because erroneous preliminary turbidity results have been corrected in this table)..
- #5 Corrective Action Management Plan (CAMP)
- #6 Exit Strategy

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		4/19/2002	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 partenring 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
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

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	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	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 (tenatavie 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	No	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	No	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	No	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	No	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	No	Not Started as of 12/28/07.	NO
3	38	Final CMIP				NA	NA	NA	NA	No	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	No	Extension request only. Waiting on FDEP coments or approval of draft extension request.	NO
3,9,10,13/AOC 1	38	Final RCRA Permit Mod all sites				NA			NA	No		NO
10	38	Internal Draft SOB (combined with AOC 1)	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
10	38	Draft SOB (combined with AOC 1)	9/5/2006			12/28/2006	12/28/2006	12/28/2006	NA	No	Submitted to NAVFAC & NSA PC on 9/05/06	YES
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 incorrpore or revised to be consistent with other SOBs.	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	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 and NSA 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 SOB's.	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
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.	

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	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
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		

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	
						FDEP	NAVFAC Southeast	NSA Panama City	Public		Comments1	Completed?
Non-Petroleum												
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		
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.

PWD Panama City Dig Permit Process

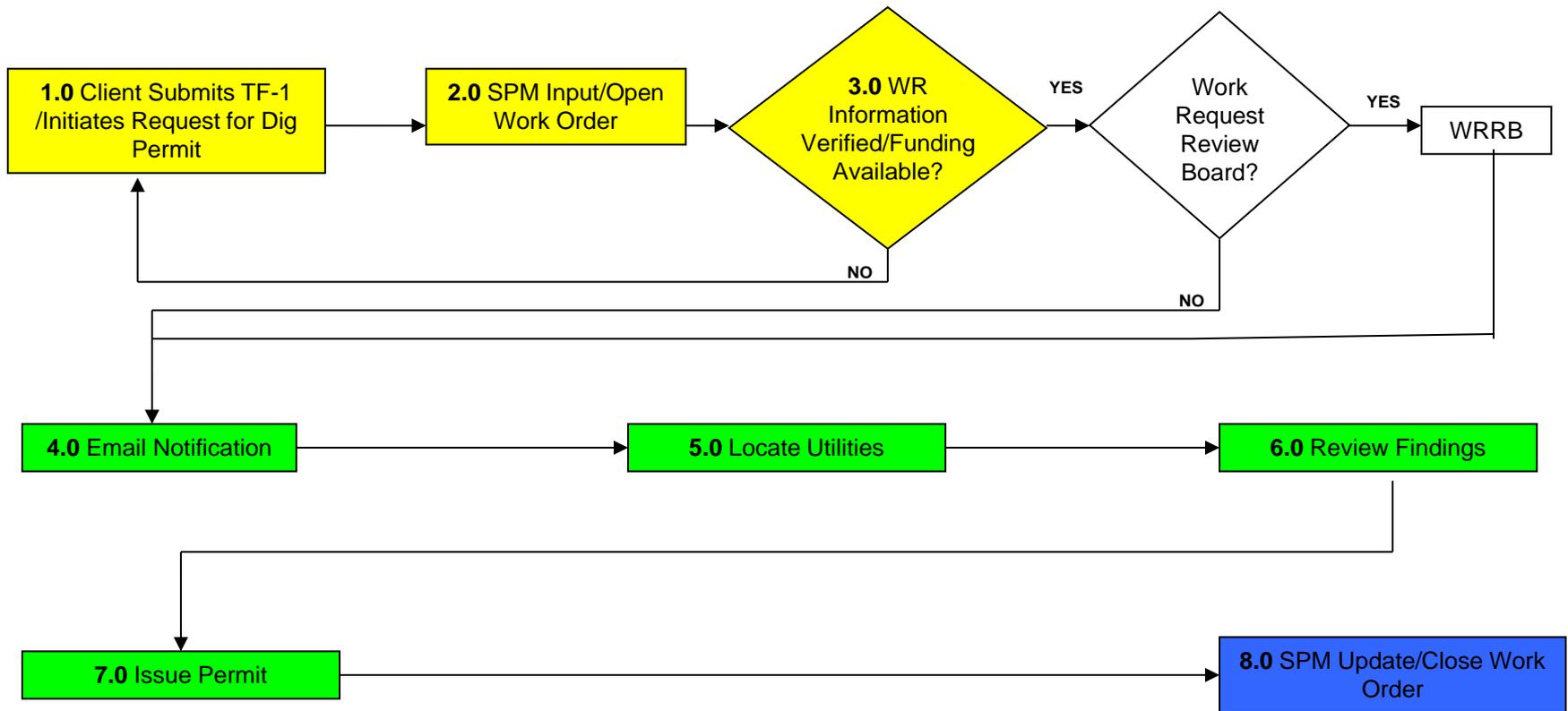


1.0 Submits TF-1/Initiates Request for Dig Permit	2.0 SPM Input/Open Work Order	3.0 WR Information Verified/Funding Available?	4.0 Email Notification	5.0 Locate Utilities	6.0 Review Findings	7.0 Issue Permit
PRE-EXECUTION			EXECUTION			

8.0 SPM Input/Close Work Order
POST-EXECUTION

◆ **Dig Permit Requirement** = Any requirement that qualifies as excavation. Excavation is further defined as digging more than 6 inches below grade for any reason, machine trenching to any depth, removal of large trees or utility poles and any machine scraping/shaping of ground surfaces.

PWD Panama City Dig Permit Process



2.0 SPM Input/Open Work Order

WHAT:

Requirements reception, validation, classification, & documentation:

- Receiving or identifying the work requirement
- Classifying the work type
- Developing an SPM parent work order with required information, including a scope summary & any constraints.

WHO:

- FMD Requirements Branch, Full Service Desk/Work Reception
- Clients with funding & SPM access

OUTPUT:

- A validated SPM parent work order with a scope summary & any constraints.

PRE-EXECUTION

3.0 WR Information Verified/Funding Availability



WHAT:

Requirements reception, validation, classification, & documentation:

- Verify SPM work order has required information.
- Verify a valid JON is open to labor & material.

WHO:

- FMD Requirements Branch, Work Reception Program Analyst.

OUTPUT:

- A validated SPM child work order with a scope summary, JON (where applicable) & any constraints.

PRE-EXECUTION

4.0 Email Notification

WHAT:

•FMD Requirements Branch, Work Reception Program Analyst notifies all codes, tenants, and requestor of requested dig permit areas with special areas such as environmental and historical areas addressed.

WHO:

•FMD Requirements Branch, Work Reception Program Analyst.

OUTPUT:

•Program Analyst notifies all codes of the affected areas and addresses any concerns/issues arising from the dig permit process.

EXECUTION

5.0 Locate Utilities



WHAT:

- Program Analyst requests locate services.

WHO:

- FMD Requirements Branch, Work Reception Program Analyst.

OUTPUT:

- Request locates of described areas.

EXECUTION

6.0 Review Findings

WHAT:

- Program Analyst reviews findings of locate services.

WHO:

- FMD Requirements Branch, Work Reception Program Analyst.

OUTPUT:

- Review of locate findings complete.

EXECUTION

7.0 Issue Permit



WHAT:

- Issue an approved and signed digging permit.

WHO:

- FMD Requirements Branch, Work Reception Program Analyst.

OUTPUT:

- An approved digging permit is issued to the client. The digging shall commence within ten working days after the date of approval. Permit is valid for thirty calendar days from issuance.

EXECUTION

8.0 SPM Input/Close Work Order



WHAT:

- Program Analyst receives notification of completed SPM work order and digging permit completion.

WHO:

- FMD Requirements Branch, Work Reception Program Analyst.

OUTPUT:

- The SPM parent and child work orders are updated and completed.

POST-EXECUTION

TABLE 3-1
GROUNDWATER AND SURFACE WATER DATA
MAY 2007
SOLID WASTE MANAGEMENT UNIT 2
NSA PANAMA CITY

Location Type	Location	Sample ID	Sample Date	TOTAL METALS					DISSOLVED METALS						
				Aluminum ug/L	Antimony ug/L	Arsenic ug/L	Iron ug/L	Manganese ug/L	Benzene ug/L	TSS mg/L	Turbidity NTU	Aluminum ug/L	Antimony ug/L	Iron ug/L	Manganese ug/L
May 2007															
Background Well	PCY-BKG-1S	BKGGLM2S02	5/15/2007	4420	3.4 U	NA	879	2.2 J	0.5 U	73	11	626	3.4 U	348	1.5
Site Well	PCY-2-1	02GLM0102	5/15/2007	633	3.4 U	NA	2110	7.6 J	0.5 U	4 U	2	310	3.4 U	497	7.6 J
Site Well	PCY-2-1D	02GLM01D02	5/17/2007	699	3.4 U	NA	1710	9.3 J	0.5 U	22	11	46 J	3.4 U	736	7.9 J
Site Well	PCY-2-1S	02GLM01S02	5/16/2007	1640	3.4 U	NA	1090	14.3 J	0.5 U	11	3.8	980	3.4 U	235 J	13.3 J
		02GLM01S02-D	5/16/2007	1980	3.4 U	NA	1720	15	0.5 U	48	3.8	1040	3.4 U	247 J	13.8 J
Site Well	PCY-2-2	02GLM0203	5/16/2007	327	14.2 ⁽¹⁾	NA	24400	376	0.5 U	46	18	216	3.4 U	4750	373
Site Well	PCY-2-2S	02GLM02S02	5/16/2007	1690	3.4 U	NA	644	68.6	0.5 U	4 U	20	412	3.4 U	377	66.1
Site Well	PCY-2-3	02GLM0303	5/16/2007	1160	3.4 U	NA	2100	7.2 J	1.8	41	19	83.8 J	3.4 U	176 J	6.9 J
Site Well	PCY-2-4	02GLM0403	5/15/2007	615	3.4 U	NA	1550	6.9 J	0.5 U	15	3.21	34.9 J	3.4 U	58.2 J	4.9 J
Site Well	PCY-2-5S	02GLM05S02	5/16/2007	996	3.4 U	NA	6860	24	0.5 U	9 J	3.2	277	3.4 U	3010	24.4
		02GLM05S02-D	5/16/2007	656 J	3.4 U	NA	5250	24.6	0.5 U	10	3.2	256	3.4 U	2900	24.7
Site Well	PCY-2-6S	02GLM06S02	5/15/2007	3920	3.4 U	NA	9170	18.9	0.5 U	86	28	691	3.4 U	3840	19.1
Site Well	PCY-2-7I	02GLM07I02	5/16/2007	661	3.4 U	NA	1180	1.9 J	0.5 U	29	2	52.3 J	3.4 U	617	2.6 J
Site Well	PCY-2-7S	02GLM07S02	5/16/2007	1390	3.4 U	NA	5090	37.1	0.5 U	46	19	78.4 J	3.4 U	2580	34.2
Site Well	PCY-2-8S	02GLM08S01	5/17/2007	18400	3.4 U	NA	3830	23.1	0.5 U	70	230	318	3.4 U	1190	12.3 J
Site Well	PCY-2-9S	02GLM09S01	5/17/2007	1290	3.4 U	NA	1850	5.6 J	0.5 U	17	8.75	113 J	3.4 U	1570	4.6 J
Site Well	PCY-2-10S	02GLM10S01	5/17/2007	569	3.4 U	NA	953	20.2	1.7	4 U	2.81	85.2 J	3.4 U	836	20.9
Site Well	PCY-2-11S	02GLM11S01	5/17/2007	3960	3.4 U	NA	2650	30.2	0.5 U	25	140.6	398	3.4 U	2230	24.4
Site Well	PCY-2-12S	02GLM12S01	5/17/2007	931	3.4 U	NA	6300	61.2	0.5 U	30	35	273	3.4 U	6400	62.5
Site Well	PCY-455-1	455GLM0102	5/16/2007	2420	3.4 U	NA	23000	19.6	0.5 U	106	15	144 J	3.4 U	674	17.4
Site Surf. Water	02SW/SD05	02SWSD05	5/16/2007	18 U	3.4 U	NA	3000 U ⁽²⁾	6.6 J	0.5 U	4 U	1.5	18	3.4 U	3000 U ⁽²⁾	5.6 J
Site Surf. Water	02SW/SD06	02SWSD06	5/16/2007	138 J	3.4 U	NA	1500 U ⁽²⁾	23.9	0.5 U	36	2.67	18	3.4 U	3000 U ⁽²⁾	23.5
Site Surf. Water	02SW/SD08	02SWSD08	5/17/2007	504	3.4 U	NA	1950	6.3 J	0.5 U	6 J	13	425	3.4 U	1090	6.4 J
Rinsate Blank	NA	RB01	5/17/2007	21.4 J	3.4 U	NA	15 U	1.5	0.5 U	4 U	#N/A	22.9 J	3.4 U	15 U	1.5
Trip Blank	NA	TB01	5/17/2007	NA	NA	NA	NA	NA	0.5 U	NA	#N/A	NA	NA	NA	NA
September 2007															
Background Well	PCY-BKG-1S	BKGGLM1S01	9/27/2007	1100	3.3 U	3.7 U	1640	7.6	NA	9	4.71	284	3.3 U	1470	NA
Background Well	PCY-BKG-2S	BKGGLM2S03	9/26/2007	889	3.3 U	6.9	550	2.8	NA	4 U	4.6	594	3.3 U	484	NA
Background Well	PCY-2-8S	02GLM08S02	9/26/2007	1190	3.3 U	3.7 U	953	7.4 J	0.2 U	4 U	9.6	279	3.3 U	754	NA
Background Well	PCY-5-1	05GLM0101	9/27/2007	585	3.3 U	3.7 U	1430	65	NA	5	13	79 U	3.3 U	65.7	NA
Background Well	PCY-9-5S	09GLM05S01	9/27/2007	1240	3.3 U	3.7 U	475	5.9	NA	9	13	129	3.3 U	86.4	NA
Background Well	PCY-13-1	13GLM0101	9/26/2007	328	3.3 U	3.7 U	505	1.8	NA	6	5.9	79 U	3.3 U	26.6	NA
Background Well	PCY-13-1S	13GLM01S01	9/26/2007	1220	3.3 U	3.7 U	529	2.8	NA	11	11	79 U	3.3 U	15 U	NA
Background Well	PCY-14-1	14GLM0101	9/26/2007	112	3.3 U	3.7 U	54.6	135	NA	10	2.2	79 U	3.3 U	15 U	NA
Background Well	PCY-14-1S	14GLM01S01	9/26/2007	79 U	3.3 U	3.7 U	57.8	32.2	NA	7	0	79 U	3.3 U	58	NA
Site Well	PCY-2-1	02GLM0103	9/25/2007	413	3.3 U	NA	255	NA	0.2 U	4 U	0	321	3.3 U	195	NA
Site Well	PCY-2-1S	02GLM01S03	9/25/2007	923	3.3 U	NA	804	NA	0.2 U	4 U	1.6	872	3.3 U	714	NA
Site Well	PCY-2-2	02GLM0204	9/27/2007	253	3.3 U	NA	4550	NA	0.2 U	7	8.95	232	3.3 U	3420	NA
Site Well	PCY-2-2S	02GLM02S03	9/27/2007	2220	3.3 U	NA	352	NA	0.2 U	9	16.3	351	3.3 U	106	NA
Site Well	PCY-2-3	02GLM0304	9/27/2007	339	3.3 U	NA	322	NA	3.3	9	7.1	92.8	3.3 U	210	NA
Site Well	PCY-2-4	02GLM0404	9/26/2007	846	3.3 U	NA	316	NA	0.2 U	6	7.4	79 U	3.3 U	18.6	NA
Site Well	PCY-2-5S	02GLM05S03	9/27/2007	230	3.3 U	NA	2600	NA	0.2 U	4 U	1.96	159	3.3 U	2400	NA
Site Well	PCY-2-6S	02GLM06S03	9/27/2007	971	3.3 U	NA	1810	NA	0.2 U	5	6.77	648	3.3 U	1700	NA
Site Well	PCY-2-7S	02GLM07S03	9/27/2007	401	3.3 U	NA	341	NA	0.2 U	4 U	6.7	79 U	3.3 U	68	NA
		02GLM07S03-D	9/27/2007	578	3.3 U	NA	235	NA	0.2 U	41.0 J	6.7	NA	NA	NA	NA
Site Well	PCY-2-9S	02GLM09S02	9/26/2007	234	3.3 U	NA	761	NA	0.2 U	4 U	2.9	79 U	3.3 U	728	NA
Site Well	PCY-2-10S	02GLM10S02	9/27/2007	3390	3.3 U	NA	709	NA	1.5	25	9.13	79 U	3.3 U	110	NA
		02GLM10S02-D	9/27/2007	3490	3.3 U	NA	957	NA	NA	22.0	9.13	NA	NA	NA	NA
Site Well	PCY-2-11S	02GLM11S02	9/26/2007	538	3.3 U	NA	980	NA	0.2 U	4	6.2	374	3.3 U	954	NA
		02GLM11S02-D	9/26/2007	563	3.3 U	3.7 U	1020	12.4	0.2 U	7	6.2	NA	NA	NA	NA
Site Well	PCY-2-12S	02GLM12S02	9/26/2007	777	3.3 U	NA	867	NA	0.2 U	10	14	436	3.3 U	816	NA
Site Well	PCY-455-1	455GLM0103	9/27/2007	260	3.3 U	NA	1330	NA	0.2 U	8	1.7	153	3.3 U	724	NA
Site Surf. Water	02SW/SD05	02SW0502	9/26/2007	79 U	3.3 U	NA	15 UJ	NA	0.2 U	19	2.5	79 U	3.3 U	15 U	NA
Site Surf. Water	02SW/SD06	02SW0602	9/25/2007	107	3.3 U	NA	181 J	NA	0.2 U	24	3.3	79 U	3.3 U	15 U	NA
Upgrad. Surf. Water	02SW/SD09	02SW0901	9/25/2007	240	3.3 U	NA	3310 J	NA	NA	NA	6.2	180	3.3 U	2050	NA
Upgrad. Surf. Water	02SW/SD09	02SW0901-D	9/25/2007	109	3.3 U	NA	179 J	NA	NA	NA	6.2	NA	NA	NA	NA
Rinsate Blank	NA	RB01	9/26/2007	79 U	3.3 U	3.7 U	15 U	1 U	NA	NA	NA	NA	NA	NA	NA
Rinsate Blank	NA	RB02	9/25/2007	79 U	3.3 U	3.7 U	15 U	1 U	NA	NA	NA	NA	NA	NA	NA
Trip Blank	NA	TB01	9/27/2007	NA	NA	NA	NA	NA	0.2 U	NA	NA	NA	NA	NA	NA
Fresh GCTL				200	6	10	300	50	1	NA	NA	200	6	300	50
Marine SWCTL				1500	4300	50	300	NA	71.28	NA	NA	1500	4300	300	NA

GCTL = Florida Groundwater Cleanup Target Level pursuant to Florida Administrative Code 62-777, Table 1.
J = Estimated value
NA = Not analyzed

NTU = Nephelometric turbidity units
SWCTL = Florida Surface Water Cleanup Target Level pursuant to Florida Administrative Code 62-777, Table 1.
TSS = Total suspended solids
U = Not detected

Shaded values indicate an exceedance of the lower of the GCTL and SWCTL

⁽¹⁾ This result (14.2 µg/L) is a re-analysis result that confirmed a detection at 9 µg/L.

⁽²⁾ Result had elevated detection limit (3,000 µg/L) because of a sample interference. Re-analysis was conducted on the total metals fraction.

Corrective Action Management Plan - Rev. 12 (November 2007)
Naval Support Activity Panama City, Panama City Beach, Florida

Report Category	YEAR ONE	YEAR TWO	YEAR THREE	YEAR FOUR	YEAR FIVE	YEAR SIX	YEAR SEVEN	YEAR EIGHT	YEAR NINE
	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
	(Oct01-Sep02)	(Oct02-Sep03)	(Oct03-Sep04)	(Oct04-Sep05)	(Oct05-Sep06)	(Oct06-Sep07)	(Oct07-Sep08)	(Oct08-Sep09)	(Oct09-Sep10)
AOC 1									
Draft RFI Addendum	10/9/02								
Final RFI Addendum		5/21/03							
Draft Corrective Measures Study		9/23/03							
Final Corrective Measures Study			1/20/04						
Draft Statement of Basis			5/19/04		9/6/06				
Final Statement of Basis							6/30/08		
Draft Corrective Measures Implementation Plan							3/30/08		
Final Corrective Measures Implementation Plan							6/30/08		
Corrective Action							6/30/08		
SWMU 2									
Draft RFI Addendum				9/30/05					
Final RFI Addendum					12/18/05				
Final RFI Addendum No. 2						12/31/06			
Draft Corrective Measures Study						8/27/07			
Final Corrective Measures Study							6/30/08		
Draft Statement of Basis						8/27/07			
Final Statement of Basis								11/30/08	
Draft Corrective Measures Implementation Plan								2/28/09	
Final Corrective Measures Implementation Plan								6/30/09	
Corrective Action									1/31/10
SWMU 3									
Draft RFI Addendum	10/9/02								
Final RFI Addendum					10/31/05				
Draft Corrective Measures Study					NA ¹				
Final Corrective Measures Study					NA ¹				
Draft Statement of Basis						1/4/07			
Final Statement of Basis							6/30/08		
Draft Corrective Measures Implementation Plan							3/30/08		

Corrective Action Management Plan - Rev. 12 (November 2007)
Naval Support Activity Panama City, Panama City Beach, Florida

Report Category	YEAR ONE	YEAR TWO	YEAR THREE	YEAR FOUR	YEAR FIVE	YEAR SIX	YEAR SEVEN	YEAR EIGHT	YEAR NINE
	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
	(Oct01-Sep02)	(Oct02-Sep03)	(Oct03-Sep04)	(Oct04-Sep05)	(Oct05-Sep06)	(Oct06-Sep07)	(Oct07-Sep08)	(Oct08-Sep09)	(Oct09-Sep10)
Final Corrective Measures Implementation Plan							6/30/08		
Corrective Action							6/30/08		
SWMU 9									
Draft RFI Addendum	10/9/02								
Final RFI Addendum					10/31/05				
Final RFI Addendum II						1/5/07			
Draft Corrective Measures Study					NA				
Final Corrective Measures Study					NA				
Draft Statement of Basis					NA				
Final Statement of Basis					NA				
Draft Corrective Measures Implementation Plan					NA				
Final Corrective Measures Implementation Plan					NA				
Corrective Action					NA				
SWMU 10									
Draft RFI Addendum	10/9/02								
Final RFI Addendum		5/21/03							
Draft Corrective Measures Study		9/23/03							
Final Corrective Measures Study			1/20/04						
Draft Statement of Basis			5/19/04		9/6/06				
Final Statement of Basis							6/30/08		
Draft Corrective Measures Implementation Plan							3/30/08		
Final Corrective Measures Implementation Plan							6/30/08		
Corrective Action							6/30/08		

NA - Not applicable
 NA¹ - RFI recommended LUCs only.

Last RIP/RACR Date 11/20/08
 Last NFA Date 10/8/08

Baseline 11/20/08
 Projected 9/30/07
12/31/37

**SITE-SPECIFIC EXIT STRATEGIES
 NAVAL SUPPORT ACTIVITY PANAMA CITY
 November 15, 2007**

			SITE STATUS											STRATEGY			
Group	SITE SWMU AOC PSC	TYPE	Site Name	Projected Start Date (If not Started)	In Progress Status	ROD (SB) Baseline Date	ROD (SB) Projected Date	(ACTUAL)	RIP (CMIP Implemented) Baseline Date	RIP (CMIP Implemented) Projected Date	(ACTUAL)	NFA Baseline Date	NFA Projected Date	(ACTUAL)	CTC (Per Navy CTC Guidance)	Exit Strategy (include remedy/media)	Exit Strategy Advantages
	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	9/30/2006	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
	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	9/30/2006	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
	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	09/30/07	9/24/07	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.
	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	9/30/07	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
	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

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 Characterizatic
 RIP = CMIP implemented
 R= RCRA

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

Last R
I

Next Permit Renewal - Nov 2008

			Exit Strategy Effects			
G O U P	SITE SWMU AOC PSC	T Y P E	Site Name	Exit Strategy Concerns or Barriers	Exit Strategy Comments (Indicate planned optimizations or alternate remedy as applicable)	Additional Comments (NFA Documentation (here or on NFA sheet); LUC Duration/Rational; Permit Mod, Steady-state, SC, OPS/RIP Date(s) as applicable)
	SWMU 10	R	Oil/Water Separator	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. Waiting for FDEP concurrence. SOB being revised for "residential like" text.
	AOC 1	R	Fire Fighter Training Area	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. Waiting for FDEP concurrence. SOB being revised for "residential like" text.
	SWMU 2	R	Burn and Disposal Area	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. Draft SOB under FDEP review.
	SWMU 3	R	Burn and Disposal Area			SOB public comment period ended 5/31/07 with no comments. Waiting for FDEP concurrence. SOB being 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.
	SWMU 9	R	Fire Fighter Training Area			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.

Notes:
 OU = Operable Unit ROD = Statement of Basis approved. RCRA= Resource Conservation and Recovery Act
 SWMU = Solid Waste Management Unit NFA= No Further Action
 AOC=Area of Concern C= CERCLA 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	

NSA Panama City Petroleum Sites
November 15, 2007

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	8/30/07			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.
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			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			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			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.

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