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NAS CORPUS CHRISTI
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TIER 1 PARTNERING TEAM MEETING MINUTES 24 JANUARY 2007 NAS CORPUS CHRISTI
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1/24/2007
NAS CORPUS CHRISTI

Minutes (DRAFT)
NAS Corpus Christi Tier I Partnering Team Meeting
January 24, 2007
9:00 am (Central)
NAS Corpus Christi, Texas

Attendees:

Chris Siegel	TCEQ	(512) 239-2992		CSiegel@tceq.state.tx.us
Helen Lockard	NAVFAC SE	(843) 820-5567		Helen.Lockard@navy.mil
Bob Sturdivant	EPA	(214) 665-7440	(Team Leader)	sturdivant.bob@epa.gov
Debra Humbert	TtNUS	(412) 921-8968	(Tier II Link)	Debra.Humbert@ttnus.com
Mike Hilger	NASCC	(361) 961-3776		michael.hilger@navy.mil
Diane Lindsay	TtNUS	(832) 251-6019	(Scribe)	Diane.Lindsay@ttnus.com
Larry Basilio	TtNUS	(832) 251-6018		Larry.Basilio@ttnus.com

Opening/Agenda and Action Item Review

The Naval Air Station Corpus Christi (NASCC) Tier I Partnering Team meeting convened at 9:00 am, January 24, 2007 via teleconference. Bob Sturdivant (EPA) welcomed everyone to the meeting.

Diane Lindsay (TtNUS) provided the Team with the minutes from the October 18, 2006 partnering meeting for review. Review of the minutes was tabled until the next meeting to allow for additional review time.

A review of the meeting agenda was performed. The agenda was approved as written.

The Team reviewed the action item list and consensus table from the July 19th Partnering Meeting. A summary of action items follows.

Action Item 1006A01 is complete. Chris Siegel (TCEQ) provided a copy of the updated Compliance Plan Schedule to Helen Lockard (NAVFAC SE).

Action Item 1006A02 is complete. Chris responded to Helen's letter regarding the PCL / Compliance plan issue.

Action Item 1006A03 is open. Helen will provide a heads-up to the TCEQ and EPA as to the approximate delivery date of the Cabaniss Work Plans. Helen remarked that the Work Plans have not been submitted for internal Navy review but should be delivered to the Navy in the next couple of weeks. The Work Plans for the Skeet and Pistol Range will follow after submittal of the Incinerator Disposal Site planning documents. After Navy review of preliminary drafts of the work plans, Chris and Bob will be contacted with the delivery date of the draft planning documents.

Action Item 1006A04 is open. Brush clearing at Cabaniss will require disposal but actual required procedures are not yet resolved. Diane and Helen are still looking into the item.

Action Item 1006A05 is open. Helen will verify the procedures required to contact/notify the adjacent property owners.

Action Item 1006A06 is complete. Diane verified that the NASCC Administrative Record is at the Corpus Christi Main Library.

IR Site Update

Helen provided an update of the IR sites. The annual sampling event is scheduled for February 14th through 23rd. Sampling is normally conducted in January but has been postponed due to funding issues. The IR site wells will be resurveyed using GPS and damaged well caps will be repaired.

The GAC/French drain system is in operation. GAC change-out and effluent sampling were not conducted this quarter, due to telemetry problems with the effluent meter. The system and the meter are in running order and the contractor is currently providing bi-monthly O&M reports.

REI 24 has free product in it and the contractor (Terraine) will hand bail the well on a bi-monthly basis and record production. At this time additional investigation has been postponed, waiting funding. Terraine will place socks in the wells to aid in recovery of free product. Helen asked Mike about disposal procedures and Mike will determine procedure for disposal of the free product and materials. (Action Item 0107A01)

Helen has the draft Optimization Survey Report from USGS on the cattail study but is not sure the data contained in the report is sufficient to support the PCL issue. The Navy does not have funding at this time for follow-up USGS studies. USGS is currently working on the report and the results may be used in future (this year) if funding can be found. Cliff Casey, who was tech support and working on the PCL issue, has since left the NAVFAC SE organization.

Ground Water Compliance Plan Application Update

Diane Lindsay (TtNUS) stated the Compliance Plan (CP) application is complete, but TtNUS is reviewing the TCEQ response to the NAVFAC SE letter requesting evaluation of the PCL calculation for chlorobenzene. Chris Siegel (TCEQ) provided Helen with the CP review cycle schedule for clarification [Action Item 1006A01]. Helen remarked that she would like to set up a face-to-face meeting in Austin within the next few weeks, to provide an opportunity for Navy, TCEQ and contractor personnel to directly discuss the issue [Action Item 0107A02]. Helen will send an email with meeting times and the location to those interested in attending. Chris stated Larry Champlain (TCEQ Ecological Risk specialist) has not reviewed the APAR but would be a participant in the meeting.

Helen stated that TtNUS performed the miscellaneous soil sampling at the Defense Reutilization and Marketing Office (DRMO) facility in late-November and early-December 2006. The field work included installation of two monitoring wells (ES-36 and R-3) to replace those suspected to have been lost during construction activities, repair of well-pads near Building 8, and installation of signs along the IR ditch to deter cutting of the cattails. TtNUS found a third "missing" well (REI-26) while on site and, therefore, replacement of this well was not required. Prior to performing the field work, TtNUS provided NAVFAC SE and NASCC with the draft and final HASP and Work Plans. The Draft Monitor Well Installation Report has been submitted to the Navy for review and comment. Once the analytical data from the DRMO investigation has been validated, TtNUS will prepare the addendum to the RFI report.

Munitions Response - NALF Cabaniss

Helen stated the revised ESS was submitted in November 2006 to the Naval Ordnance Safety and Security Activity (NOSSA, Doug Murray) for review. Comments were received from NOSSA in January 2007 and a conference call is scheduled in the next few weeks with NOSSA to resolve the comments. Once the ESS is approved by NOSSA, the document will be sent to the Department of Defense Explosives Safety Board (DDESB) for final approval. Diane stated TtNUS was awaiting NOSSA comments on the ESS in anticipation of any resulting changes to the work plans. Since receipt of NOSSA comments, TtNUS has been finalizing the internal draft planning documents. To reduce confusion, TtNUS will generate the Incinerator Disposal Site work plans first for review and comment, and then

generate the Skeet and Pistol Range work plans. Drafts of the planning documents for these activities will be sent for review and comment to NAVFAC SE, TCEQ and BPA once the ESS is approved. Helen will let Chris and Bob know when to expect the draft Naval Air Landing Field (NALF) Cabaniss Work Plans as TtNUS gets closer to completion [Action Item 1006A03].

Last time Helen forwarded the minutes of the NALF Cabaniss MRP Kickoff Meeting to the NAVFAC SE Natural Resources Branch (Tom Bursts). Based on his initial response there does not appear to be endangered species issues, but brush clearing along Oso Creek may impact wetlands. Helen stated that hand clearing with machete or "weed-whacker" should be alright. Helen and Diane will verify if there are special disposal requirements for cleared brush cuttings [Action Item 1006A04]. The purpose of the clearing activities is to gain access for the geophysical survey and environmental sampling. No excavation or ground disturbance is planned. Mike mentioned that if no intrusive work was done, clearing in these areas should be acceptable and not pose a problem to the wetlands. TtNUS will identify wetland risks and issues in the planning documents. The Texas Natural Resources Partnering Team, which includes the Texas Parks and Wildlife is also looking at the overall approach and may have comments or concerns that Helen will forward to TtNUS and the team, if necessary.

The team discussed sampling activities to be performed on the south side of Oso Creek, on the opposite bank to NALF Cabaniss. Helen has checked with Navy Real Estate on the true boundary of NALF Cabaniss and to determine the adjacent land owners (there appears to be only one or two adjacent land owners). The purpose is to have actual owner information of the adjacent property owners in case sampling is required. The team was unsure of the true boundary of NALF Cabaniss was along centerline or edge of the bank. Helen stated that the Skeet Range impact arcs fall beyond Oso Creek to the other side of the river.

Based on discussions with others, Helen believes the site does not need to be opened as a potentially responsible party (PRP) site but that discussion with the individual adjacent land owners will need to occur to provide them with historical background and a description of activities that will be performed on their property. At this time the overall assessment approach is to sample at the Skeet and Pistol Range site on the NALF Cabaniss side of the river. If results indicate contaminant concentrations below residential standards, then the assessment will be considered complete, with no further sampling required. If samples along the creek indicate concentrations above residential, then additional sampling on the adjacent land owner property may be necessary. The process to gain access to these properties will continue in case sampling is required. The Navy Public Affairs office will write a letter to the property owners informing them of the possible need to gain access. Helen asked if it is also required to notify adjacent land owners of explosives detonation. Diane recalled that during the MRP NALF Cabaniss Kickoff meeting Hal Resides stated it was not necessary to notify landowners. Activities (gun activity to clear birds and reduce bird-aircraft strikes) similar to this occur at NALF Cabaniss on a regular basis; therefore, adjacent property owners are familiar with these types of disturbances. Helen stated that she will verify the procedure for contacting off-site owners with Navy Public Affairs [Action Item 1006A05].

Diane stated that there are no issues with the MRP sites that need to be addressed by the team. TtNUS is moving forward while awaiting final ESS approval. Helen has submitted the Cabaniss site for a research grant through Naval Facilities Engineering Service Center (NFESC) in California, but has not yet heard back. NESC has money set aside for planning tools for MRP sites. Also, funding for the Range Complex (no MEC at this location) at the Corpus Christi facility is still unknown. Funding to perform the remaining MRP range sites at NASCC has not yet come through, but it is still on the schedule for fiscal year 2007.

Tier II Update

Debbie Humbert (TtNUS - Tier II) provided the Tier II update. Two items were brought up for

discussion: (1) The possibility of a workshop where everyone gets together and (2) the addition of a CCAD member to the Tier I team. The workshop is seen as a good idea but may be delayed until later in the year when the shuffling of personnel settles down (NAVFAC SE) and to allow the appropriate individuals to attend. This item will be addressed at the next Tier II meeting. The addition of a CCAD team member was approved, as a guest with no voting power. Tier II held a teleconference meeting December 12, 2006. A lot of change is occurring in the Tier II group. Kathy Remmert (TCEQ) has moved on from the Tier II team and Allen Posnik (TCEQ) has joined as her replacement. A new member of the Tier II team is joining from CH2MHill. Jeff Adams (NAVFAC SE) replaced Rick Davis (NAVFAC SE).

Debbie mentioned that of the new BRAC sites within Texas, most, if not all, are not thought to have any environmental issues. Mike mentioned Ingleside as being one such example. Debbie responded that since it is a "clean" site there were no plans to set up an official partnering team, however, some representatives from the Regulatory Community have concerns about particular sites, so there will need to be an avenue to address issues as they come up.

Funding is impacting the Tier II team meeting. The next meeting has been postponed indefinitely. Helen and Debbie discussed the lack of funding and the impact this puts on project planning. How to welcome a new members to the Tier I/Tier II teams was discussed. Debbie stated there are so many new members to the Tier II team they will be introduced to the entire Business Practices Manual at the next face-to-face meeting. Exit strategies for the Tier I teams is also on the agenda for Tier II. Debbie stated that there should be no obvious changes or impacts to the NASCC Partnering Team as this time, but direction for the overall exit strategy process will be forthcoming to all partnering teams.

IR Schedule Update

Helen provided an update of the IR schedule to the Team.

Close: Meeting Evaluation / Set Next Meeting Date / Wrap-Up

The Team discussed the next meeting date (see below). NASCC was selected as the meeting location due to the MRP possibilities, but a conference call was not ruled out. The team will exchange emails the month before to check on everyone's availability. Chris Siegel is the Team Leader for the next Tier I team meeting. It was decided since funding was not available for additional invitees to travel; they may be tied in via teleconference. If the meeting is held at Corpus Christi, the team will also plan for a half-day tour of NALF Cabaniss. Mike will coordinate the tour, and schedule a conference room and van for the meeting. The Team reviewed the action item list.

The meeting adjourned at approximately 10:30 am.

Next Meeting Date: Wednesday, 18 April 2007

Time: 8:00 am

Location: NASCC or conference call, pending need and funding

Team Leader/Gatekeeper: Chris Siegel (TCEQ)

Plus/Delta:

Pluses

1. Excellent meeting
2. Everyone available for participation
3. Covered all topics
4. Situational awareness and modified agenda accordingly
5. Tier I team very focused and efficient with meeting agenda.

Deltas

1. Teleconference instead of face-to-face.

NAS CORPUS CHRISTI TIER I PARTNERING TEAM MEETING

NAS Corpus Christi / Conference Call

January 24, 2007

Team Leader: Mike Hilger (NASCC)

Scribe: Diane Lindsay (TtNUS)

Attendees: Helen Lockard (NAVFAC), Chris Siegel (TCEQ), Bob Sturdivant (EPA), Debbie Humbert (Tier II, TtNUS)

0900	Welcome / Introductions/ Role Call (Diane)	(5 min)	Mike/Diane
0905	Review Agenda / Adjust as necessary	(5 Min)	Mike
0910	Review / Approve October 18 Meeting Minutes	(10 min)	Mike/Chris
0920	Review Action Item: 1006A01, 1006A02, 1006A03, 1006A04, 1006A05, 1006A06	(10 min)	Mike/Diane
0930	IR Site Update	(15 min)	Helen
0945	Ground Water Compliance Plan Application Update	(20 min)	Diane
1005	Break	(10 min)	
1015	Munitions Response Program	(20 min)	Helen/Diane
1035	Tier II Update	(10 min)	Debbie
1040	IR Schedule Update	(15 min)	Helen
1055	Close: Meeting Evaluation / Set next meeting date	(10 min)	Mike
1105	Wrap Up: Questions / Review of Action Items / Discussions / Issues	(15 min)	Mike
1120	Adjourn		

**Restoration Schedule Updates
10/19/06**

6. Cutoff Trench (IR Sites)

ID	Resource Name	Task Name	Duration	Start	Finish
179	ES RPM/ES Technical Support	System Optimization		11 Apr 05	15 Jan 07
180	BOA	Long Term Maintenance	10 Years	13 July 05	1 July 15
	ES RPM/USGS	Geophysical survey MW REI-24		1 Feb 06	18 Oct 06
	BOA	MW REI-24 DPT samples, resurvey wells		1 Jan 07	30 Jan 07
	Clean IV	IR Site Signs		Coordinate with Well Installation/DRMO borings	31 Dec 07

7. Compliance Plan Application

ID	Resource Name	Task Name	Duration	Start	Finish
148	Clean IV/ES RPM	Compliance Plan Application		1 Apr 05	27 Dec 05
	TCEQ/ES RPM	Draft Review			1 Mar 06
149	TCEQ Permits	Initial Review	30 Days	1 Dec 06	
150	Clean IV	Response to NOD	30 Days		
151	TCEQ Permits	Review of NOD Response	14 Days		
152	TCEQ RPM	Initial Technical Review	30 Days		
153	Clean IV	Response to NOD	30 Days		
154	TCEQ RPM	Review of NOD Response	14 Days		
155	Clean IV	Response to Second NOD	30 Days		
156	TCEQ RPM	Review of Second NOD Response	14 Days		
157	TCEQ RPM	Draft Initial Permit	30 Days		
158	Public	Comment Period	30 Days		
159	TCEQ RPM	Review Public Comments and Draft Final Permit	30 Days		
160	Chief Clerk	Mailing of Notice by CCO	7 Days		
161	Chief Clerk	Publication of Notice	30 Days		
162	Chief Clerk	Comment Period	30 Days		
163	Chief Clerk	Set for Agenda Compliance Plan	14 Days		

8. RAO (IR Sites and Bldg 8)

ID	Resource Name	Task Name	Duration	Start	Finish
60	BOA	Submit 3 rd Year Final Annual Monitoring Report		30 Jan 06	31 Oct 06
61	BOA	4 th Year Monitoring	30 Days	1 Jan 07	30 Jan 07
62	BOA	Submit 4 th Year Final Annual Monitoring Report	60 Days	30 Jan 07	30 Mar 07

10. Partnering

ID	Resource Name	Task Name	Duration	Start	Finish
146h	Partnering Team	Team Meeting	1 Day	19 July 06	19 July 06
146i	Partnering Team	Team Meeting	1 Day	18 Oct 06	18 Oct 06
146j	Partnering Team	Team Meeting	1 Day	18 Jan 06? Telecon? Coordinate w/MRP?	18 Jan 06?

11. Munitions Response Program – NALF Cabaniss

ID	Resource Name	Task Name	Duration	Start	Finish
	Clean IV	Plan of Action		31 Jan 06	13 Apr 06
	ES RPM	Notice to Proceed	1 Day	19 Apr 06	19 Apr 06
	Clean IV/ Partnering Team	Kickoff Meeting	1 Week	21 June 06	23 June 06
	Clean IV	Subcontractor Procurement	125 Days	17 Feb 07	21 June 07
	Clean IV	Workplans & Explosive Safety Submission	258 Days	29 May 06	15 Dec 06
	Clean IV	Field Investigation	42 Days	1 Feb 07	15 Mar 07
	Clean IV	Laboratory Analyses	64 Days	15 Feb 07	15 Apr 07
	Clean IV	After Action Report	72 Days	1 May 07	1 Aug 07
	Clean IV	PA/SI Report	161 Days	1 May 07	1 Aug 07
	Clean IV	EGIS	110 Days	30 July 07	28 Dec 07

12. Compliance Plan Application Follow-Up Work (DRMO Samples, Well Installation)

ID	Resource Name	Task Name	Duration	Start	Finish
	Clean IV	Plan of Action		20 July 06	9 Aug 06
	ES RPM	Notice to Proceed	1 Day	30 Aug 06	30 Aug 06
	Clean IV	Subcontractor Procurement	30 Days	2 Oct 06	31 Oct 06
	Clean IV	Workplans	55 Days	14 Sept 06	15 Nov 06
	Clean IV	Field Investigation	10 Days	1 Dec 06	15 Dec 06
	Clean IV	Laboratory Analyses	28 Days	2 Dec 06	15 Jan 07
	Clean IV	MW Installation Report	52 Days	15 Jan 07	1 Apr 07
	Clean IV	SI Report	106 Days	15 Apr 07	7 Sep 07
	Clean IV	EGIS Update	255 Days	30 Aug 06	21 Sep 07

**NAS Corpus Christi
Tier I Partnering Team
Action Items ⁽¹⁾**

Date/#	Item	Who	When	Status
0106A01	Provide Terrain Work Plan to Chris Siegel.	Helen / Diane	2/15/2006	Complete
0106A02	Provide Preliminary Assessments for sites at NASCC to Tetra Tech.	Helen	2/15/2006	Complete
0106A03	Obtain information on how to include the bombing ranges in the Compliance Plan.	Chris	2/15/2006	Complete
0106A04	Reserve room for March 2006 Partnering Meeting at TCEQ (Corpus Christi).	Chris / Mike	5/1/2006	Complete
0506A01	Identify missing monitoring well locations that may require replacement.	Helen/Chris	5/31/2006	Complete
0506A02	Provide letter to the TCEQ (Chris) regarding PCLs for the Compliance Plan.	Helen/Diane	7/31/2006	Complete
0506A03	Provide EPA Perchlorate Guidance to NAVFAC EDF Southeast (Helen).	Bob	7/31/2006	Complete
0506A04	Confirm the date for NALF Cabaniss Kickoff Meeting and Site Walk.	Diane	5/18/2006	Complete
0706A01	Provide email correspondence to the TCEQ (Chris) requesting due date extension for the submittal of the optimization report.	Helen	7/31/2006	Complete
1006A01	Send compliance plan schedule to Helen (NAVFAC SE).	Chris	11/7/2006	Complete
1006A02	TCEQ will respond to Helen (NAVFAC SE) on the PCL evaluation.	Chris	12/15/2006	Complete
1006A03	Provide a heads-up to the TCEQ and EPA as to the approximate delivery date of the NALF Cabaniss Work Plan.	Helen	11/7/2006	Open
1006A04	Determine if brush clearing at NALF Cabaniss will require disposal.	Helen/Diane	11/15/2006	Open
1006A05	Verify the procedure for contacting off-site owners with Navy Public Affairs.	Helen	11/15/2006	Open
1006A06	Call and verify that the Administrative Record is at the Corpus Christi Library.	Diane	11/15/2006	Complete
0107A01	Mike to provide disposal procedures of the free product and materials associated with REI-24.	Mike	2/17/2007	
0107A02	Set date for PCL meeting in Austin.	Helen	2/15/2007	

Note: (1) Only ongoing and current Action Items are listed. For a historical listing, refer to previous meeting minute

**NAS Corpus Christi
Tier I Partnering Team
Consensus Table⁽¹⁾**

<i>Meeting Date</i>	<i>Issue</i>	<i>Decision</i>
January 23, 2001	ERA Submittal	Submit the amended ERA without collecting additional samples
April 17, 2001	Sediment Investigations	Sediment sampling at the outfall of SWMU 274 will not be included in the current APAR.
	Non-IRP SWMUs	All of the non IRP SWMUs will be investigated separately from the current APAR.
July 24, 2001	IW and floor drains	Floor drains will be inspected and completely grouted as a part of the response action [and will be detailed in the response action plan (RAP)]. Monitoring wells will be installed and sampled after CCAD has made repairs to the IW sewer line.
	GIS System	Primary benefit of using GIS comes in the investigation phase. Because this team is now moving out of the investigation phase into the response action phase, a decision not to pursue conversion at this time was made.
October 16, 2001	Provision to RAP Pertaining to Deeper Aquifer	Include a provision in the RAP to sample the existing deep-aquifer monitoring wells quarterly for one year.
July 23, 2002	Groundwater Water Flow from Ditch	Place a staff gauge in the ditch to demonstrate that the drain would influence the groundwater flow direction away from the ditch and into the drain for removal and treatment
	CCAD Briefing	Conduct a briefing to the CCAD of their project status.
January 21, 2003	Chlorobenzene concentration in groundwater adjacent to southern portion of the drainage ditch are only slightly above the 64 ppb ecological benchmark	A dilution factor will not be allowed and installation of all three segments of the French drain will proceed.
April 16, 2003	Changing mowing height to allow wildflowers to grow at the IR sites; would this trigger a change in land use?	Signs posted at the sites reading "No Recreational Usage or Soil Disturbance" would adequately address the issue.
July 22, 2003	Delineation of TCE north of Building 8	The team agreed that monitor wells ES-22 and ES-30 would not need to be replaced with wells screened at the base of the aquifer, but one new well would be installed along the storm drain, between ES-28 and ES-26, screened at the base of the aquifer.
Oct 20, 2004: 1004DO1	Groundwater Sampling Report	Consensus by Team to move to annual sampling on IR sites for Bldg 8.
Oct 20, 2004: 1004DO2	Final RAP for Bldg 8 and Final RAP for SWMUs 1,3, and 4	Team determined appropriate sign off signature for Final RAP Bldg 8 and Final RAP for 1, 3, and 4 is D. Byerly.
Jan 26, 2005: 0105DO1	IWTP SWMUs 334-348	Consensus agreed upon for an extension to 01 Aug 05 for response to TCEQ letter dated 15 Oct 04.

Note: (1) Only the most recent Consensus Items are listed. For a historical listing, refer to previous meeting minute records.