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NAS CORPUS CHRISTI
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TELECOMMUNICATION TRANSCRIPTION OF PARTNERING TEAM MEETING MINUTES 12
APRIL 2010 NAS CORPUS CHRISTI TX
4/12/2010
NAS CORPUS CHRISTI

NAS CORPUS CHRISTI PARTNERING TEAM MEETING MINUTES

April 12, 2010 0900-1100 CDT

Teleconference

NAS Corpus Christi, Corpus Christi, Texas

1. Attendees:

- Navy: Leanna Woods Poon
Helen Lockard
- TCEQ: Chris Siegel
- EPA: Tara Hubner
- Management Edge: Candice Watson
- Tetra Tech: Ken Grim
Larry Basilio
Fred Grosskopf
Bridget Twigg

2. Welcome / Role Call / Review Rules

- The meeting started at 09:00 with brief introductions.
- After introductions, the team reviewed the meeting rules as included in the Charter:
 - Be professional and respect each other.
 - Be open and honest in all communications.
 - Attend team activities.
 - Be forward thinking, not letting old issues hinder team progress.
 - Ensure that there are no surprises.
 - Consensus process will be used to make decisions.
 - No side bar discussions during meetings including cell phone calls.
 - Do not interrupt others while they are speaking.
 - Partners will delegate their consensus making authority when necessary.
 - Call "Time Out" whenever needed.
 - Stay for the hard part.
 - Leave positions, egos, and agendas at the door.
 - Turn cell phones off or to 'vibrate'.
 - No non-essential computers during the meeting.

3. Review Agenda / Adjust as necessary

- Chris requested that a discussion on storm sewer at Building 8 including a review of the historical documentation regarding storm sewer environmental investigation activities be added to the agenda.

4. Meeting Minute / Action Item Review

- The minutes were approved as presented.
- Action Item list was reviewed and updated including several of the tasks that were completed. A copy of the current action items are attached to these meeting minutes.

5. Tier II Update

- Helen gave an update on the Tier II meeting. She stated that the Texas Tier II team had a meeting on March 8-9, 2010, in Jacksonville, FL.
 - The Tier II group reviewed each team in Texas and the status of environmental restoration at the sites.
 - Tomi Spriggs and Mike Maughon gave a presentation on sustainability as related to environmental restoration.
 - The Tier II team discussed the need to continue community involvement in the environmental process.

- There was a call for "Success Stories" from the Tier II Team. Helen and Leanna suggested that once the NAS Corpus Christi Team completes the Remedial Investigation (RI) at NALF Cabaniss, it may be a success story to discuss how multi-increment sampling (MIS) was used to complete the ecological risk assessment.

6. Munitions and Explosives of Concern (MEC) & Munitions Component (MC) Investigation at NALF Cabaniss

- Tetra Tech had prepared the Unified Federal Program Sampling and Analysis Plans (UFP SAPs) for the Cabaniss sites (one for MEC/munitions potentially posing explosive hazard (MPPEH), one for MC at the former skeet range, and one for MC at the former incinerator disposal site). Tetra Tech has received and is addressing Navy comments on the UFP SAP for the MC investigation at the Incinerator Disposal Site.
- The UFP SAP for MC investigation at the Skeet Range is currently in Navy review.
- Larry reviewed the results of the teleconference on April 7, 2010, regarding the use of MIS for ecological risk assessment. There is currently discussion between Tetra Tech, TCEQ, and Navy personnel regarding the details of the MIS at the Incinerator Disposal Site and the use of MIS data for Human Health and ecological risk assessment purposes. MIS data use for ecological risk is new and is still being debated within the regulatory community. The team decided to use the same 0.5 acre decision units for sampling (30 MIS per unit) but skew them to cover specific habitats (wooded upland vs. sand and mud flats or wetlands).
- As discussed during the data quality objective (DQO) meeting, MEC/MPPEH was identified at the incinerator disposal site in addition to multiple exceedances of polynuclear aromatic hydrocarbons (PAH) and metals at NALF Cabaniss. Therefore, it is likely that the RI will be followed by either a feasibility study (FS) or it will be proposed that the site be restricted through institutional and/or engineering controls.
- Chris asked about the Navy's plan on getting the burn done. Leanna responded that the burn was postponed until the fall or early winter due to a delay in approval for the burn. Therefore, the "window" for burning had passed and the burn would need to be put-off several months. Leanna is working with base personnel to accommodate everyone's concerns. The Navy is also looking into using a Remote Bush-hog instead to complete the clearing. If possible to use Remote Bush-hog, clearing could be completed within the next month or so.

7. MC Investigation at NALF Waldron

- Larry gave a description of the investigation activities conducted to date at Waldron.
- Larry stated additional samples will be collected at-depth and horizontally and vertically for an interim corrective action (ICA) at the site to remove the lead and PAH exceedance areas. Lead has been delineated but PAH's still needed additional samples to complete the exceedance delineation.
- Ken stated replacement sheets for the UFP SAP, regarding additional sampling, had been sent to team members in March 2010. Leanna inquired if the procedure to amend a SAP (per worksheet #6) had been followed. Larry stated that procedures were not being changed; additional sample locations were being added. TCEQ and EPA stated they had no problem with the sampling additions. Leanna agreed that the decisions had been documented and no other SAP worksheet changes were needed.
- Ken stated additional sampling is set to be conducted next week (starting Monday April 19, 2010).

8. MC Investigation at NAS Corpus Christi

- Larry gave review of the Gunnery Training Complex (comprised initially of six ranges) investigation. Tetra Tech completed the SI round of sampling and has received results. The SI report is currently being prepared on the ranges that were investigated in Jan 2010. As discussed during previous conference calls, the recommendations include proceeding to the RI phase investigation with most sites.

- Gary got a closure letter for the Sand Skeet Range approved in the past couple of days. This letter allows NAVFAC to add this range to the others being investigated as part of the SI. Tetra Tech plans to conduct the additional sampling at the Sand Skeet Range and overlapping former skeet ranges next week (starting Monday April 19, 2010).
- Larry stated the sampling procedures and parameters for the former ranges and the Sand Skeet Range would be the same as conducted on the skeet range during the January 2010 SI sampling event (i.e. sampling grids and 10 part composite of firing lines).
- The replacement sheets for the NAS Corpus Christi Gunnery Training Complex UFP SAP were sent to team members in March 2010. Leanna, Chris, and Tara agreed that the decisions had been documented and no other SAP worksheet changes were needed.

9. NAS Corpus Christi Installation Restoration

- French Drain System
 - The 2009 Response Action Effectiveness Report (RAER) has been approved by the TCEQ in early April 2010.
 - Ken stated the Navy is currently changing over from Tetra Tech doing the operation and maintenance at the French Drain to a blanket order agreement (BOA) contractor for operation and maintenance for the French Drain system.
 - The French drain system has been repaired and operational for approximately one to two months.
 - A leak was found in one of the pipes (i.e. a cracked piece of PVC) below one of the granular activated carbon (GAC) units. The leak was repaired.
 - The bag filters on the system are being changed regularly (i.e., once or twice per week).
 - Tetra Tech has been working with the telemetry system to get it back online. The contract regarding the telemetry system expires 4-14-10 and will be transferred over to the BOA.
- Building 8
 - RAER has been approved by the TCEQ in early April 2010.
 - Brief discussion on storm drain system was held between the team members. Tara inquired if storm drain system was from 1940's and if they had ever been video inspected to verify the integrity. Gary responded that yes, the navy has attempted to run cameras down the drain system with little success. Manhole covers have been opened along the street from Building 8 all the way to the bay to follow the drain system. No indication of groundwater infiltrating the system was found however, there was quite a bit of water in the system. Gary inquired about sampling the storm sewer at that time and was instructed not to, as the Navy did not want random grab samples but would rather have a sampling plan in place. Ken stated the previous meeting minutes and investigations in the area indicate that the fill material around the storm sewer system have been investigated and closed for human health and eco risk factors. Helen stated there may have been samples collected at the storm drain outlet and wells close to the storm drain system but not in the storm drain itself. Ken added that meeting minutes from a 2003 partnering meeting between the TCEQ, EPA, and EnSafe indicated that samples were taken from the system down gradient from Building 8 and the outlet location into Laguna Madre. The results of this investigation are reportedly in the Addendum to follow-up the Facility Investigation Report for Installation Restoration (IR) Sites 1, 3, 4 and Bldg 8 produced by EnSafe. Tara stated she is concerned about the age of the storm drain and its integrity in regard to possible ecological and human health risk and Texas Pollution Discharge Elimination System (TPDES) discharge issues (possibility of groundwater infiltrating the drainage system through cracks or old pipes and discharging into the bay). Helen stated she would look into documentation of sampling of the system with Brian Syme and then report back to the team.
- SWMUs 1, 3, and 4
 - Chris requested a copy of the lab data for monitoring well R-2 after the first 2010 sampling event (scheduled for the week of April 12, 2010). He stated that he has concerns with the Chlorobenzene levels in this monitoring well since the late 2009 sampling event

indicated the most elevated concentrations in the sampling history of that well. Leanna agreed to forward a copy once data is received. Ken added that elevated concentrations are not unusual in low groundwater elevation situations.

- Ken stated a Response Action Completion Report (RACR) for IR sites 3 and 4 (SWMUs 2 and 4) is being prepared and should be expected to the team for review and comment next month or so.
- Chris asked if the non aqueous phase liquid (NAPL) issue at IR site 1, 3 and 4 has been settled. Larry responded it had not, going ahead with product recovery and sock changing in monitoring well REI-24 (which had free-product in the past, too viscous to be recovered unless manually extracted). Larry asked about the TRRP guidance on NAPL which references a separate guidance that describes what to sample for at NAPL sites, and inquired if the guidance is currently in publication. Chris stated it was not. Larry stated there is data for total petroleum hydrocarbons (TPH) and PAH values (collected awhile back), that basically shows that the NAPL a degraded oil type waste.
- Gary asked about Terraine conducting vacuuming (220-240 gallons) on REI-24 and if sampling had been done on the liquid removed. Larry stated we do not have that report. Chris noted that the RACR report must note that the site does not pose an environmental risk and has been recovered to max recovery.

10. Installation Restoration Schedule / Exit Strategy

- Ken stated that all the sites in the Compliance Plan had been added to the Exit Strategy table, in the no further action (NFA) tab or the active sites tab. The Exit Strategy has been sent to the team for review via email on March 4, 2010 as an attachment to the partnering meeting minutes.
- Ken stated that Fuel Farms (FF) 217 and 244 have been added to table under active sites tab.
- Gary noted that the base has conducted ground penetrating geophysics at both sites and tanks are confirmed to be still in the ground at both FF 217 and FF 244.
- Chris asked Ken if a column could be added to the No Further Action tab of the Exit Strategy table for Land-Use Controls (may be helpful for IR Sites 3 and 4 when they are closed). Ken agreed to complete that and suggested Chris discuss Land-use needs with Allen Posnick (TCEQ Tier II).

11. Partnering Training

As this was a teleconference, no partnering training was conducted.

12. Navy Update

- Leanna gave an update on the Navy operations. Nothing to report at this time.

13. Regulator Update

- Chris stated that TCEQ is working on Representative Concentration Guide. However, there is quite a bit of internal TCEQ discussions and this guidance is not expected to be completed anytime soon (it has been in the works for 5-years). New guidance regulations are not expected to impact current projects, but may alter future projects involving multi increment (MI) sampling. Future UFP SAPs will need to be held to the new guidance.
- Also, TCEQ will continue to allow the default lateral dilution factor (LDF) to be used at TRRP regulated sites (i.e., they are not changing this policy).
- Ken asked about the EPA indoor air issues. Tara stated no progress has been made since the last meeting and the issue is still pending.

14. Parking Lot Issues

- Building 8

- The discussion of the storm sewer integrity was placed as a parking lot issue until Helen joined meeting. The notes of this discussion are included in Section 9. "NAS Corpus Christi Installation Restoration" above.

15. Agenda for Next Meeting / Reality Check

- The team discussed the planned agenda, date, and leadership for the next Tier I Partnering meeting. The proposed activities are as follows:

Date: July 7, 2010

Location: Dallas, TX

Scribe: Tetra Tech

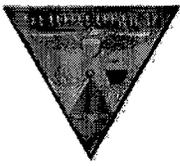
Team Leader: Not identified for next meeting

Gatekeeper / Timekeeper: Chris Siegel

- I. Welcome/Introductions
- II. Review ground rules
- III. Review/Modify/Approve Agenda
- IV. Review/Approve previous meeting minutes and action items
- V. Tier II Update
- VI. MEC and MC Investigation at NALF Cabaniss
- VII. MC Investigation at NALF Waldron
- VIII. MC Investigation at NASCC
- IX. NASCC IR
- X. Installation Restoration Schedule / Exit Strategy
- XI. Partnering Training
- XII. Navy Update
- XII. Regulator Update
- XIV. Parking Lot Review
- XV. Next meeting date and agenda

Plus/Delta

<u>Plus</u>	<u>Delta</u>	<u>Interesting/Other</u>
<ul style="list-style-type: none">• Very on topic, efficient meeting• Good technical discussions• Was a respectful discussion	<ul style="list-style-type: none">• No dinner with team.• Did not meet in person	<ul style="list-style-type: none">• The meeting was shorter than anticipated



NAS Corpus Christi Partnering Meeting Agenda

DATE: April 12, 2010
TIME: 09:00 – 11:15 CDT
PAGE: 1 of 1



TELECONFERENCE CALL-IN NUMBER: 1-866-270-2016

MEETING ID: 0087

TEAM LEADER: Tara Hubner

GATE-KEEPER: Chris Siegel

NOTE-KEEPER: Kenneth Grim / Larry Basilio

TIME-KEEPER: Chris Siegel

- 1. Welcome / Introduction (5 minutes)**
 - Quick re-acquaintance since the last meeting.
- 2. Review Rules (5 minutes)**
 - Establish rules of engagement for team meetings.
- 3. Review / Modify / Approve Agenda (5 minutes)**
- 4. Meeting Minute / Action Item Review (10 minutes)**
 - Review last Meeting Minutes. Members are to bring minutes from previous meeting(s) as necessary.
 - Status report of action items from last meeting and brief conclusions (completed / working).
 - Add, change, and/or adopt Minutes from the previous BCT Meeting. Present results of action items or carry items to the next meeting.
- 5. Tier II Update (10 minutes)**
 - Discuss current and upcoming activities at Tier II meetings and conference calls that should be conveyed to the Tier I team.
 - Convey information related to partnering and Tier II requirements and assist the team as necessary.
- 6. MEC and MC Investigation at NALF Cabaniss (30 minutes)**
 - Discuss the progress of the UFP SAP review, the vegetation clearance (burn, remote brush removal, etc.), schedule of activities, etc.
 - Review / address comments from the team on the UFP SAP, schedule field activities.
- 7. MC Investigation at NALF Waldron (10 minutes)**
 - Discuss sampling results from the Skeet Range investigation and SI Report.
- 8. MC Investigation at NAS Corpus Christi (10 minutes)**
 - Discuss sampling results from the Gunnery Training Complex Ranges, closure and sampling of the "current" skeet range, and preparation of the SI Report.
 - Update the team on results and planned field work.
- 9. NAS Corpus Christi Installation Restoration (10 minutes)**
 - Review regulatory concerns over groundwater infiltrating the storm sewer
 - Groundwater sampling results from Building 8 and SWMUs 1, 2, and 4
 - French Drain system operation.
- 10. Installation Restoration Schedule / Exit Strategy (10 minutes)**
 - Discuss the necessary activities to progress the IR and MC sites toward environmental closure at NAS Corpus Christi and outlying fields (NALF Cabaniss and NALF Waldron).
 - Re-focus the team on the upcoming events and the projected activities for the next few months / years.
- 11. Navy Update (5 minutes)**
 - Discuss current and upcoming remedial and restoration efforts at NAS Corpus Christi, NALF Waldron, and NALF Cabaniss.
 - Update the Team on Navy activities and plans for the future remedial and restoration activities at NAS Corpus Christi.
- 12. Regulator Update (5 minutes)**
 - Discuss any upcoming changes in regulations that may affect closure activities, recommend action(s) to be addressed next (i.e., public notice, permit modification, etc.).
 - Convey information and assist the team in navigation of current and future state and Federal regulations.
- 13. Parking Lot Issues (15 minutes)**
 - Continue discussion of parking lot items and any items not previously included in the agenda.
 - Discuss miscellaneous topics pertinent to administrative and environmental closure activities at NAS Corpus Christi.
- 14. Agenda for the Next Technical Meeting and Wrap-up / Reality Check (5 minutes)**
 - Develop an agenda and tentative date of the next NAS Corpus Christi Partnering Meeting and Conference Calls.
 - Discuss the "Pluses" and "Deltas" of the meeting.
 - Determine a detailed agenda with topics to cover in the next NAS Corpus Christi Partnering Meeting.

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

Date/#	Item	Who	When	Status
20091201A01	It is to include all the sites from the IAS and RFA into the Exit Strategy table	Ken	Before next meeting	Done
20091201A02	In the NALF Cabaniss.UFP SAP, It is to include the additional items from the SI into the SAP (i.e., limits of investigation at the Skeet Range and Pistol Range, what happened to the MEC from the Skeet Range, etc.) so that the decisions are documented.	Ken	Before next meeting	
20091201A03	Chris will forward the contact name for the waste section at the local TCEQ to the team.	Chris	Before next meeting	Done
20091201A04	Chris is to send a copy of the PST and TRRP guidance to Mike Davenport and Helen Lockard along with the rule on the exposure areas for NALF Waldron	Chris	Before next meeting	Done
20091201A05	It to update the prioritization ranking for NALF Cabaniss and NALF Waldron based on Navy program	Ken	Before next meeting	It will work with the Navy to update the prioritization in the next report (SI or RL)
20091201A06	Helen - finalize the Land Use Control decision for the closing SWMUs.	Helen	Before next meeting	
20091201A07	Chris will check for his copy of the RFA for NAS Corpus Christi	Chris	12/18/2009	Done
20091201A08	Chris will look into Residential/Commercial areas needed for 95% UCL and send info to Leanna	Chris	Before next meeting	Done
20100412A01	The Navy is going to check on the historical records to determine status of the sewer line at Building 8 (SWMU 274). This appears to be references in the historical documents, but the final decision is not documented.	Helen L & Brian S	Before next meeting	

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

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

<i>Meeting Date</i>	<i>Issue</i>	<i>Decision</i>
September 18, 1998	Tier I Partnering Team Organization	Roles and Responsibilities
		Agenda Format
		Measures of Success
		Goals
		Ground Rules
		Vision and Mission
December 2, 1998	Amend Team's Measures of Success	Add "Items are not listed in order of priority" to list of Measures of Success
	Ground Rules	Discuss potentially troubling issues within the group rather than "blind-siding" a team member with a letter
	Vision Statement	Meet Regulatory standards to protect human health and the environment in accordance with Texas Risk Reduction Rules with minimal disruption to the mission of the base.
	Goals	1. All parties work closely together in procuring budget. 2. Meet as needed as a team to discuss issues and make decisions toward goals. 3. Complete Installation Restoration process. 4. Cooperative teamwork. 5. Prioritize. 6. Respectful and candid communication.
	Mission Statement	Environmental resolution through efficient teamwork using good science and common sense.
	Corrective Measures Study and Groundwater Monitoring	Install a passive product recovery system (EZY Skimmer or Petro Trap) as an Interim/Stabilization Measure. With the understanding that the measure may or may not become a part of the final remedial measures at the site.
	Status of other SWMUs at NAS Corpus Christi	SOUTHDIV and EnSafe were involved only in SWMUs 1, 3, and 4 and Building 8, issues regarding other SWMUs at NAS Corpus Christi would be handled between NASCORPC, TCEQ, and USEPA outside of this partnering team.
	Process for determining need for meetings	Approximately one month prior to the date of a scheduled meeting, the Team Leader will send an e-mail to the team members requesting agenda items and confirmation of the need for the meeting. If there are not enough items to justify a meeting, a conference call will be suggested as an alternative
	Roles and Responsibilities	Navy's Roles and Responsibilities: In the sixth item, "stakeholders" was replaced with "CNET, EPA, SOUTHDIV, TCEQ, and NASCORPC".
		USEPA Roles and Responsibilities: In the third bullet item, "- FOSL (FOST-Division Director) has been removed.
		Tier II Link Roles and Responsibilities: In the third bullet item, "questions or" was replaced with "factual".
		Team Leader Roles and Responsibilities: Added a fourth bullet: Establishing and sending out agenda. Added a fifth bullet item: Establishing time allocated for each agenda item
	Scribe Roles and Responsibilities: Deleted third bullet item (moved to Team Leader)	
Deed Recording	Question for the lawyers of SOUTHDIV and TCEQ to decide.	
April 28, 1999	Draft-Final Aquifer Characterization Test Report	A formal letter from the TCEQ stating that a formal review of the Draft-Final Aquifer Characterization Test Report was not necessary.

<i>Meeting Date</i>	<i>Issue</i>	<i>Decision</i>
July 13, 1999	Separation of USEPA and TCEQ comments	USEPA will send original comments to the TCEQ. The TCEQ will review them with the USEPA. Final comment to the Navy will include a second attachment containing the USEPA comments with which the TCEQ concurs.
	Streamline deliverable process	EnSafe send deliverables directly to TCEQ with copies to the Navy and USEPA.
October 13, 1999	Team's Training needs Assessment	Scheduled the following training modules, in order: Team Decisions, Listening Skills, Feedback Skills, and Problem Solving Skills.
	TCEQ's comments on the Draft-Final Facility Investigation Report, Building 8, Corpus Christi Army Depot.	Submit each response in the final letter to the TCEQ.
January 19, 2000	Report submitted to the TCEQ	Reports will be delivered over a two-year period
	October 1993 Sampling Event	Data is anomalous and should be eliminated from future consideration.
	USEPA Comments	Copies of USEPA comments to be provided to all partners
	TRRP vs. RRR	Team will use TRRP rules for all future actions, based on confirmation with Mark on 1/27/00
	Natural Attenuation	Natural Attenuation of chlorinated solvents is occurring and the team will follow the screening/evaluation protocol flow chart from "Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Groundwater", USEPA
February 8, 2000 (Conference Call)	David Harvey	David Harvey will be a voting member of the NAS Corpus Christi Tier 1 Team as of February 8, 2000.
	Document Submittal	Draft-Final versions of documents will be submitted to the Navy with cc: TCEQ and USEPA.
	Aquifer Classification	The well yield in the upper aquifer at NAS Corpus Christi is less than 150 gallons per day for a 4-inch well, based on Draft-Final Aquifer Characterization Test Report, Building 8, dated February 19, 1996.
March 14, 2000	Grading IR Sites 1, 3, and 4	No grading or alterations will occur at this time on Sites 1, 3, and 4, and institutional controls will apply to sites
	Surface Soil Sampling Plan	Collect the samples on a 200-foot grid, as planned, but initially have only the samples on a 400-foot grid analyzed. If detections warrant, additional samples from the 200-foot grid would be analyzed. Analysis of surface soil samples will include metals, PCBs, and SVOCs. Metals will include arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and zinc.
	Drainage Ditch Groundwater Samples	Groundwater samples collected from along the drainage ditch will not include pesticides analysis.
	Notification	Notification regarding the sediment samples collected off-site is required and that the base would have to be the notifying agency.
May 16-17, 2000	TCEQ Regional Office Member Replacement	The regional office of the TCEQ would no longer have a representative on the Tier I Team.
	Shallow Aquifer Classification	The shallow aquifer at NAS Corpus Christi is a Class 3 Aquifer.
October 25, 2000	Schedule	Schedule set by the team earlier in the year was too ambitious. More realistic expectations need to be reflected in future schedules.
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.

<i>Meeting Date</i>	<i>Issue</i>	<i>Decision</i>
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.
Nov 14, 2007: 1107D01	IR Site SWMU 1, 3, 4	The TCEQ has agreed to the 1100 ug/L concentration as the ^{sw} GW PCL for Chlorobenzene.
Aug 11, 2009: 20090811D01	NA	NA
Dec 01, 2010: 20101201D01	French Drain System at SWMU 1	The French drain remediation system should remain on-line so long as 1) there is water in the interceptor trenches and 2) there are chlorobenzene concentrations greater than the PCLs in the monitoring wells upgradient of the French Drain system.

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

Next 5 Yr Review Date
Last RIP/RACR Date
Last NFA Date

Not Applicable
06/01/2016
01/15/2034

SITE-SPECIFIC EXIT STRATEGIES
NAS Corpus Christi
Updated August 11, 2009

SITE/SWMU	Site Name	Program	Projected Start Date (if not started)	Regulatory Phase	APAR or RFI Baseline Date	Draft APAR or RFI Date (Projected or Actual)	Final APAR or RFI Approval Date	RAP or CMI Workplan Baseline Date	Draft RAP or CMI Workplan Date (Projected or Actual)	Final RAP or CMI Workplan Approval Date	First RAER Baseline Date	First RAER Date (Projected or Actual)	Draft RACR Baseline Date	Draft RACR Date (Projected or Actual)	Final RACR Approval Date	NFA Baseline	NFA Date (Projected)
Site 1 / SWMU 1	Defense Property Disposal Office (DPDO) Landfill	RCRA		6 - RIP		05/10/01	A		03/15/05	A	11/12/03 - 1/15/2014	01/21/10	01/15/14			01/15/34	01/15/44
Site 3 / SWMU 2	Corpus Christi Army Depot (CCAD) Liquid Waste Disposal Area	RCRA		6 - RIP		05/10/01	A		03/15/05	A	11/12/03 - 1/15/2014	01/21/10	01/15/14			01/15/17	01/15/44
Site 4 / SWMU 4	Aircraft Fire Training Area	RCRA		6 - RIP		05/10/01	A		03/15/05	A	11/12/03 - 1/15/2014	01/21/10	01/15/14	06/01/10		01/15/17	01/15/44
SWMU 5	Building 8 - Corpus Christi Army Depot	RCRA		6 - RIP		05/10/01	A		03/15/05	A	11/12/03 - 1/15/2014	01/21/10	01/15/14			01/15/34	01/15/44
SWMU 183	DRMO Storage Area	RCRA															
UXO 1	NALF Cabanis Skeet & Pistol Range	CERCLA		2 - RI/FS	02/27/08	06/01/10		04/01/11			-						
UXO 2	NALF Waldron Skeet Range	CERCLA		1 - PA/SI	06/30/09			-			-						
UXO 3	NAS CC Ranges	CERCLA		1 - PA/SI	02/01/09	06/01/14		-			-						
UXO 4	NALF Cabanis Incinerator Disposal Area	CERCLA		2 - RI/FS	02/27/08	06/01/10		04/01/11			-						
LPST 101356	Bldg 305/1153A, Public Works Fuel Station	UST		6 - RIP		01/17/02	A		02/14/06	A							
LPST 91734	Fuel Farm 216	UST		6 - RIP		7/11/1995	A		10/31/95	A	1994 - 2016	1995	06/01/16				
	Fuel Farm 217	UST		1 - PA/SI													
	Fuel Farm 244	UST		1 - PA/SI													

Based on NCRM

Next 5 Yr Review Date Last RIP/RACR Date Last NFA Date		Not Applicable 7/06/01/2016 01/15/2014		SITE-SPECIFIC EXIT STRATEGIES NAS Corpus Christi Updated August 11, 2009					
Projected Site Progress									
SITE/SWMU UST/AOC PST/MEC Applicable Regulatory SWMUs	Site Name	Program	CTC (Per NAVY CTC Guidance)	Exit Strategy (include exposure pathways, open & remedy)	Exit Strategy Advantages	Exit Strategy Sensitive or Unique Issues	Exit Strategy Comments (Indicate Current Status)	Current Land Use/Planned Future Land Use	Additional Comments (e.g., Indicate if Ready for Reuse Determination planned for the SWMU being addressed concurrently under one work plan or report. LUC Duration/Rational Date is applicable for Permit Only Ready-use, SC LA ONS/RIP)
Site 1 / SWMU 1	Defense Property Disposal Office (DPDO) Landfill	RCRA	\$184,923	Main groundwater COCs are chlorobenzene and TCE Land use control prohibiting soil disturbance	Use land use control to protect HH exposure and French drain / GAC system to control ecological risk	None.	Changed the NFA date to reflect 30 years after RACR	Industrial - Unused	None
Site 3 / SWMU 2	Corpus Christi Army Depot (CCAD) Liquid Waste Disposal Area	RCRA	\$223,330	Main groundwater COCs are chlorobenzene and TCE Land use control prohibiting soil disturbance	Use land use control to protect HH exposure and French drain / GAC system to control ecological risk	None.	Changed the NFA date to reflect 30 years after RACR	Industrial - Unused (CCAD may use the area in the re-build)	None
Site 4 / SWMU 4	Aircraft Fire Training Area	RCRA	\$96,464	Groundwater - LNAPL in 1 monitoring well central to the landfill. Main groundwater COCs are chlorobenzene and TCE Land use control prohibiting soil disturbance	Use land use control to protect HH exposure and French drain / GAC system to control ecological risk	None.	Changed the NFA date to reflect 30 years after RACR. Change RACR date to 2010 based on less than PCL concentrations	Industrial - Unused	None
SWMU 5	Building 8 - Corpus Christi Army Depot	RCRA	\$192,812	No soil investigation, therefore entire soil column is PCLE zone. The exposure is controlled through the "cap" provided by the floor and parking lots Groundwater COC is TCE. Use MNA as primary remedy.	The building end parking act as "cap". Not interfering with mission-critical operations at CCAD	None.	MNA is on-going and land use controls are maintained through excavation inspections / prohibition.	Industrial - CCAD use	If Building 8 is re-located, additional assessment and possible revision of the RAP may be necessary.
SWMU 183	DRMO Storage Area	RCRA						Industrial - Public works	
LUXO 1	NALF Cabanis Skeet & Pistol Range	CERCLA	\$1,509,629	Still in the investigation phase. COCs include PAH at the Skeet Range only. Pistol Range results are NFA after SI phase. One smoke canister (MEC) found during SI on Skeet Range.	None.	None.	Still in the investigation phase. COCs include PAH on Skeet Range.	Industrial - Unused	None
LUXO 2	NALF Waldron Skeet Range	CERCLA	\$98,755	Draft SI found PAH and Lead in localized areas. May remove hot spot areas in ICA and close after SI as a NFA site.	Not have to produce an RI and Inst. Cont. ROD.	None.	Expect NFA after SI with ICA excavation	Industrial - Unused	None
LUXO 3	NAS CC Ranges	CERCLA	\$2,351,590	Still in the investigation phase. Awaiting UFP QAPP approval. ESS waiver approved in May 2009. Potential COCs include lead and PAH.	None.	None.	Still in the investigation phase. Awaiting UFP QAPP and ESS waiver determination. Potential COCs include lead and PAH.	Industrial - Unused	None
LUXO 4	NALF Cabanis Incinerator Disposal Area	CERCLA	\$1,509,629	Still in the investigation phase. COCs include lead, MEC related compounds. TCRA completed along Perimeter Road. DQO for RI Phase planned for mid Aug 2009.	None.	Potential LUXO at the incinerator site. Incinerator site is on top of a landfill that has been issued NFA based on the RFA or RFI. TCEQ agreed that RI should only investigate area outside landfill footprint	Still in the investigation phase. COCs include lead and MEC	Industrial - Unused	None
LPST 101358	Bldg 305/1163A, Public Works Fuel Station	UST		Groundwater - LNAPL in some monitoring wells. Main COCs include BTEX and TPH.	None	None.	Complete LNAPL removal to "maximum extent practicable" and file for NFA	Industrial - Public works	None
LPST 91734	Fuel Farm 216	UST		Optimizing the current remedy in place. Battelle has completed the pilot test and are evaluating data. Continuing LTM and LNAPL removal. COCs include BTEX and TPH	None	Adjacent to bay, improper recovery well spacing Site is included in a Consent Decree for NAS CC	Continue annual monitoring, optimize the system	Industrial - Unused	None
	Fuel Farm 217	UST						Industrial	Discussed during Dec 2009 Team Mtg. May need investigation. Historical releases reported at the site.
	Fuel Farm 244	UST						Industrial	Discussed during Dec 2009 Team Mtg. May need investigation. No historical releases reported. Unknown status of tank removal/abandonment

Based on NORM

NFA SITE DOCUMENTATION

SITE SWMU UST AOC PST MEC	Program	Site Name	NFA Date	NFA Documentation (Dates & Source)	Documents in Admin Record (Y/N)	Comments
Site 2	RCRA	NAS Corpus Christi Landfill	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
Site 5	RCRA	Runway 35 Landfill	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
Site 6	RCRA	Patrol Road East Landfill	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
Site 7	RCRA	Patrol Road West Landfill	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
Site 8	RCRA	Cayo Del Oso Disposal Site	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
Site 9 / SWMU 9	RCRA	North Gate Disposal Area	08/24/05	Initial Assessment Study (Harmon Eng. & Test., 1984) NACIP Program Confirmation Study, Verification Phase (Geraghty & Miller, Inc., 1985) Initial Sampling Results and Future Sampling Recommendations (ERT, 1986) RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Site Investigation Report, North Gate Disposal Area - SWMU 9 (TINUS, 2005) No Further Action Letter (TCEQ, 8/24/2005) Groundwater Compliance Plan Application (TINUS, 2007)	Y	The RCRA Facility Investigation Work plan notes that the TWC noted that the site did not require remediation.
Site 10 / SWMU 10	CERCLA	Radioactive Waste Disposal	04/29/94	Initial Assessment Study (Harmon Engineering & Testing) - February 1984 RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) NFA Letter (TNRCC, 5/26/1993)	Y	Initial Assessment Study - Reportedly, a radioactive survey conducted by Army personnel identified no radiation above background levels in the area; therefore, no confirmation study was recommended.
Site 11	RCRA	Cabaniss Sanitary Landfill	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
Site 12	RCRA	Cabaniss Hurricane Celia Rubble Area	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
Site 13	RCRA	Waldron Rubble Disposal Area	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
Site 14	RCRA	Waldron Rubble Disposal Area	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
Site 15	RCRA	Waldron Rubble Disposal Area	02/01/84	Initial Assessment Study (Harmon Eng. & Test., 1984) RCRA Facility Assessment/VSI Report (A.T. Kearney, Inc., 1988)	Y	
SWMU 3	RCRA	Industrial Sludge Drying Bed - IWTP	09/03/97	NFA Letter (TNRCC, 9/3/1997)	Y	
UST 3	UST	Army Depot Fuel				
UST 7	UST	Public Works Transportation				
UST 8	UST	Perry Place Abandoned Rad				
SWMU 196	CERCLA	Hospital Low-Level Radioactive Storage Bends	9/29/94	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Material was stored on the first floor in Room 1492. Since any potential spilled material could not reasonably reach the soil and groundwater beneath the building, no impact to the soil or groundwater would be expected and no further study is justified
SWMU 244	RCRA	CCAD Plating Shop Floor Drains (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 245	RCRA	CCAD Plating Shop Chrome Tunnel (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 246	RCRA	CCAD Plating Shop Chrome Tunnel Sump (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 247	RCRA	CCAD Plating Shop Miscellaneous Tunnel (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 257 - 259, 264, and 265	RCRA	Manhole Drains from Various CCAD Shops (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.

MENTATION

SITE SWMU UST AOC PST MEC	Program	Site Name	NFA Date	NEA Documentation (Dates & Source)	Documents In Admin Record (Y/N)	Comments
SWMU 274	RCRA	CCAD Storm Sewer (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 277 to 298	RCRA	Bead Blasting Machine Waste Collection Pans	9/29/94	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	RCRA Facility Assessment Evaluation Preliminary Review, Visual Inspection and Sampling Visit noted that it was unregulated at that item.
SWMU 299	RCRA	SSTP Blower Degritter	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	SWMU 299-309. Sanitary Sewer Treatment Plant Units
SWMU 300	RCRA	SSTP Primary Clarifier #1	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	
SWMU 301	RCRA	SSTP Primary Clarifier #2	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	
SWMU 302	RCRA	SSTP Tricking Filter #1	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	
SWMU 303	RCRA	SSTP Tricking Filter #2	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	
SWMU 304	RCRA	SSTP Secondary Clarifier #1	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Removed 1995
SWMU 305	RCRA	SSTP Secondary Clarifier #2	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Removed 1995
SWMU 306	RCRA	SSTP Sludge Digester #1	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	
SWMU 307	RCRA	SSTP Sludge Digester #2	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Removed 1992
SWMU 308	RCRA	SSTP Sludge Digester #3	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	
SWMU 309	RCRA	SSTP Wastewater Chlorination	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Removed 1995
SWMU 310 to 315	RCRA	Sanitary Sewer Treatment Plant Sludge Drying Bed	9/29/94	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	
SWMU 316 & 317	RCRA	Industrial Waste Pretreatment Plant Acid Wet Wells (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 318	RCRA	Industrial Waste Pretreatment Plant Neutralization Tank (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 319	RCRA	Industrial Waste Pretreatment Plant Neutralization Tank Manhole (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 320	RCRA	Industrial Waste Pretreatment Plant Chrome Wet Well (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 321 & 322	RCRA	Industrial Waste Pretreatment Plant Chrome Storage Tanks 1 & 2 (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 323	RCRA	Industrial Waste Pretreatment Plant Chrome Treatment Reduction Tank (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 324	RCRA	Industrial Waste Pretreatment Plant Chrome Treatment Precipitation Section (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 325	RCRA	Industrial Waste Pretreatment Plant Chrome Treatment Clarifier (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 326	RCRA	Industrial Waste Pretreatment Plant Sand Filter (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TiNUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.

NFA SITE DOCUMENTATION

SITE SWMU LIST AOC-PS1 MEC	Program	Site Name	NFA Date	NFA Documentation (Dates & Source)	Documents in Admin Record (Y/N)	Comments
SWMU 327	RCRA	Industrial Waste Pretreatment Plant Wastewater Storage Tank (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 328 & 329	RCRA	Industrial Waste Pretreatment Plant Wastewater Storage Manholes #1 & 2 (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 330	RCRA	Industrial Waste Pretreatment Plant Cyanide Wastewater Storage Tank (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 331	RCRA	Industrial Waste Pretreatment Plant Cyanide Treatment Tank (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 332	RCRA	Industrial Waste Pretreatment Plant Cyanide Clarifier (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 333	RCRA	Industrial Waste Pretreatment Plant Cyanide Clarifier	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 333A	RCRA	Industrial Waste Pretreatment Plant Cyanide Water Storage Tank (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 333B	RCRA	Industrial Waste Pretreatment Plant Sludge Storage Area (Bldg 8)	N/A	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Identified for corrective action in the Compliance Plan. Future corrective action will be addressed under SWMU 5 - Building 8.
SWMU 334	RCRA	Industrial Waste Treatment Plant Lift Section 1	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	The Industrial Wastewater Treatment Plant (SWMUs 334-348) treats the process wastewater discharged from CCAD maintenance activities throughout the base.
SWMU 335	RCRA	Industrial Waste Treatment Plant Lift Section 2	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 336	RCRA	Industrial Waste Treatment Plant Wastewater Spill Containment Tank	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 337	RCRA	Industrial Waste Treatment Plant Batch Phenol Destruction Unit	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Removed 1978
SWMU 338	RCRA	Industrial Waste Treatment Plant Batch Cyanide Destruction Unit	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Removed 1978
SWMU 339	RCRA	Industrial Waste Treatment Plant Aerated Grit Chamber	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 340	RCRA	Industrial Waste Treatment Plant Grit Storage in Drums	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Removed 1978
SWMU 341	RCRA	Industrial Waste Treatment Plant Equalization Tank	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 342	RCRA	Industrial Waste Treatment Plant Wastewater Storage Tank	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 343	RCRA	Industrial Waste Treatment Plant Contact Chamber	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 344	RCRA	Industrial Waste Treatment Plant Reaeration Chamber	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 345	RCRA	Industrial Waste Treatment Plant Clarifier	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 346	RCRA	Chlorine Contact Chamber	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 347	RCRA	Aerobic Digester	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	
SWMU 348	RCRA	Oil Concentrator	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Removed 1982
SWMU 348A	RCRA	Oil Storage Area	NA	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	Oil skimmed from the Oil Concentrator Removed 1982

NFA SITE DOCUMENTATION

SITE SWMU UST AOC PST MEC	Program	Site Name	NFA Date	NFA Documentation (Dates & Source)	Documents in Admin Record (Y/N)	Comments
SWMU 349 to 354	RCRA	Sludge Drying Beds 1 - 6	4/6/95	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	No Further Action Closure Letter
SWMU 355	RCRA	Low Level Radioactive Waste Storage Area	9/29/94	RCRA Facility Assessment / Visual Inspection and Sampling Visit (A.T. Kearney, Inc., 1988) Groundwater Compliance Plan Application (TINUS) -October 2007	Y	No Further Action Closure Letter