

Baker

4/21/04-03494

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April 21, 2004

CH2M Hill
4824 Parkway Plaza Building
Suite 200
Charlotte, NC 28217

Attn: Ms. Louise Palmer

Re: Contract N62470-95-D-6007
Navy CLEAN III, District III
Contract Task Order (CTO) 0041
RCRA Program – Marine Corps Base (MCB) Camp Lejeune
SWMU Summary

Dear Ms. Palmer:

As part of the on-going Resource Conservation and Recovery Act (RCRA) Program at MCB, Camp Lejeune, this letter and associated table have been drafted to update the project team on the activities and status of the Solid Waste Management Units (SWMUs) included within this program. Given the long history and the yearly funding constraints for this project, this letter/table will provide the status of each SWMU and support future funding requests associated with this program. Although the status of these SWMUs are included in various reports (Phase I Confirmatory Sampling Investigation [CSI] Report, the Phase II CSI Report, SWMU 46 RCRA Facility Investigation [RFI] Report, SWMU 311 RFI Report, and SWMU 360 RFI Report), this letter/table will summarize the pertinent information contained within each of the reports and include outstanding funding issues in one document. Our intention is to reissue this letter every quarter such that it will reflect updates to status or outstanding funding issues.

The table attached to this letter provides a summary of SWMU-related activities for the RCRA Program and outlines each SWMU that has been included in this program since 1997. Information summarized in this table includes the location of the SWMU, the analytical program used to investigate the SWMU, the media that was investigated, the type or types of investigations conducted at the SWMU, constituents and media of potential concern, most recent recommendations for the SWMU, any additional notes or comments that might be relevant, and North Carolina Department of Environment and Natural Resources (NC DENR) status/recommendations. In addition, this table clearly illustrates which SWMUs still require further actions in the form of further investigation, interim measures, and/or corrective measures studies, and those SWMUs that require no further action. This table will help track the RCRA program progress over time and also provide a history to those team members that have not been involved with the program since its beginning.

The following sections of this letter outline tasks that require funding. The purpose of this section is to keep the team current with tasks that currently are scoped but do not have the proper funding to complete them, or tasks that are not currently scoped but will require future funding.

ChallengeUs.

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- SWMUs 46, 261/297, 299, and 303/318 Field Investigation/Data Management: The labor costs for these tasks (approximately \$83,000) were excluded from the negotiations for CTO-0041 in an effort to reduce the overall cost of the investigation and bring the project within the funding originally set aside for these investigations. It was assumed that positive variances within CTO-0143 would offset these labor charges. However, the positive variance did not materialize and therefore CTO-0041 requires these funds. Efficiencies within the field program have reduced the overall cost of this task; however, the actual savings have not been calculated yet. The funding used to pay for this field effort was borrowed from other tasks until additional funding becomes available. The tasks affected by the lack of funding include the Final RFI Report and the Draft and Final Corrective Measures Study (CMS) Reports. Without additional funding, these tasks cannot be completed.
- Additional Investigation Activities/CMS at SWMUs 43 and 360: These SWMUs require further investigation to meet the requirements of MCB, Camp Lejeune's RCRA Permit. Upon successful completion of the investigations at these SWMUs, a CMS report will need to be prepared for each SWMU. The additional investigations and the CMS reports have not been scoped or funded to date.
- SWMUs 254, 258, 293, 311, and 314: These SWMUs require Interim Measures (IM) to mitigate issues related to soil in the vicinity of these SWMUs. See attached table for specifics regarding IM activities.
- Additional Investigation at SWMUs 336 and 361: The additional confirmatory sampling conducted at these two SWMUs in 2003 indicates that additional investigation (typically in the form of an RFI) will be required. Since contamination was detected in groundwater at these two SWMUs, it is likely that CMS reports will need to be prepared. These investigations/reports have not been scoped or funded to date.

The following outlines the status of reports associated with the RCRA Program:

- Draft Phase II CSI Report (2002): This report is currently under NC DENR Review.
- Draft Base Background Groundwater Study (2002): The technical content of the study was presented at the August 2002 partnering meeting and the team was in agreement with the content/strategy. However, no comments have been received on this report. It is expected that this report is final; however, technically the report is still under state review.
- Draft SWMU 43 RCRA Facility Investigation Report (2004): Currently under NC DENR Review. Randy McElveen issued his comments, but David Lilley (risk) is still reviewing the document.
- Draft SWMU 311 RCRA Facility Investigation Report (2004): Currently under NC DENR Review. Randy McElveen issued his comments, but David Lilley (risk) is still reviewing the document.

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- Draft SWMU 360 RCRA Facility Investigation Report (2004): Currently under NC DENR Review. Randy McElveen issued his comments, but David Lilley (risk) is still reviewing the document.

If you have any questions regarding the data presented in this letter/table or with the RCRA Program, please contact myself at (412) 269-2098 (email jculp@mbakercorp.com). If I am not available, then you can contact Mr. Scott Moffett at (412) 269-6136 (email smoffett@mbakercorp.com) or Mr. Rich Bonelli at (412) 269-2033 (email rbonelli@mbakercorp.com).

Sincerely,

BAKER ENVIRONMENTAL, INC.



James S. Culp, P.G.
Project Manager

JSC/lp
Attachments

cc: Mr. Kirk Stevens (LANTDIV)
Mr. Steve Martin (LANTDIV)
Mr. Daniel Hood (LANTDIV)
Mr. Rick Raines (MCB, Camp Lejeune)
Mr. Scott Williams (MCB, Camp Lejeune)
Mr. Kirk Kropinack (MCB, Camp Lejeune)
Mr. Christopher Bozzini (CH2M Hill)
Mr. Matt Louth (CH2M Hill)
Mr. Ron Kenyon (Shaw)
Mr. Randy Smith (Shaw)

SUMMARY OF SWMU-RELATED ACTIVITIES
RCRA PROGRAM
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

SWMU Designation	Location	Analytical Program	Media Investigated	Program Activities Completed						Constituents of Potential Concern	Media of Concern	Baker/CH2M Hill Recommendations	Additional Notes/Comments	NC DENR Status/Recommendations
				Phase I CSI	Phase II CSI	Additional CSI	Interim Measures	RCRA Facility Investigation	Corrective Measures Study					
SWMU 2 - 1700 Pond A	Hadnot Point	SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 5 - 575 Rack	Hadnot Point	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 43 - Pest Control Shop	Hadnot Point	VOCs SVOCs Pesticides Herbicides Metals	Soil Groundwater	1997	2002			2003		Pesticides Metals	Soil Groundwater	Additional Investigation/ Corrective Measures Study	Additional investigation to adequately define the extent of contamination in soil and groundwater and verify/refute the presence of pesticides in groundwater; CMS to mitigate human health and ecological risk associated with contamination	Agreed with additional investigation and CMS - March 2004; Pending Dave Lilley review
SWMU 46 - Montford Point Dump Site	Montford Point	SVOCs Metals	Soil Groundwater	1997	2002			2004		Metals	Soil Groundwater Debris		Evaluation of data from the RFI is ongoing	
SWMU 53 - Coal Storage Area	Hadnot Point	SVOCs Metals	Soil Groundwater	1997	2002					SVOCs Metals	Soil	No Further Action	SWMU located in industrial setting; COPCs appear to be ubiquitous in surface soil; COPCs likely related to combustion/storage of coal as indicated by detection only in surface soil; COPCs not detected in groundwater; Steam plant is a permitted facility - not prudent to cleanup these constituents due to ongoing operations of steam plant	Pending Review - Phase II CSI Report
SWMU 89 - SLCH785 Basin	Naval Hospital	VOCs SVOCs Metals	Soil	1997								No Further Action	Additional investigation was included in the RI/FS conducted at Building 45 (Site 84)	No Further Action November 2001
SWMU 253 - 1205 AST	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					Metals	Soil	No Further Action	Anomalous detect of arsenic in subsurface soil that does not exceed NC DENR soil to groundwater screening criteria - concentration slightly above background; COPCs not detected in groundwater	Pending Review - Phase II CSI Report
SWMU 254 - 1408 Dumpster	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs	Soil	Interim Measures	COPCs limited to surface soil; Interim Measures to include removal of contaminated surface soil in the vicinity of the SWMU	
SWMU 255 - 1502 O/W-1	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs	Soil	No Further Action	Pentachlorophenol detected in surface soil sample collected from concrete-lined drainage ditch during Phase I CSI in 1997; Drainage ditch appeared to be "cleaned out" prior to the Phase II CSI in 2002; COPC not detected in soil or groundwater in vicinity of SWMU - not SWMU-related	Pending Review
SWMU 256 - 1700 O/W-1	Hadnot Point	VOCs SVOCs	Soil Groundwater	1997	2002					SVOCs	Soil	No Further Action	See SWMU 53	Pending Review - Phase II CSI Report
SWMU 257 - 1700 O/W-2	Hadnot Point	VOCs SVOCs	Soil Groundwater	1997	2002					SVOCs	Soil	No Further Action	See SWMU 53	Pending Review - Phase II CSI Report
SWMU 258 - S1745 O/W	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					Metals	Soil	Interim Measures	COPCs limited to surface soil; Interim Measures to include removal of contaminated surface soil in the vicinity of the SWMU; Arsenic was the only COPC detected in groundwater - reported concentration essentially background	

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				Phase I CSI	Phase II CSI	Additional CSI	Interim Measures	RCRA Facility Investigation	Corrective Measures Study					
SWMU 260 - 1780 O/W-1	Hadnot Point	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 261 - 1780 UST-1	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002			2004		Metals	Soil Groundwater		RFI combined with SWMU 297; Evaluation of data from the RFI is ongoing	
SWMU 262 - 1780 UST-2	Hadnot Point	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 264 - 2611 Container	Paradise Point	VOCs SVOCs Pesticides Metals	Soil Groundwater	1997	2002					SVOCs Metals	Soil	No Further Action	Pentachlorophenol detected in surface soil sample collected during Phase I CSI in 1997 - samples collected adjacent to location during Phase II CSI - could not duplicate Phase I results; Pentachlorophenol not detected in groundwater; Arsenic detected in surface soil sample collected during Phase I CSI - Concentration slightly above background; No exposure - below asphalt pavement	Pending Review
SWMU 265 - 2615 O/W	Paradise Point	VOCs SVOCs	Soil Groundwater	1997	2002					SVOCs	Soil	No Further Action	Isolated, anomalous detect of benzo(a)pyrene in surface soil sample collected during Phase I CSI in 1997; COPC not detected in groundwater	Pending Review - Phase II CSI Report
SWMU 268 - 522 Dumpster	Hadnot Point	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 269 - 816 O/W	French Creek	VOCs SVOCs Metals	Soil Groundwater	1997	2002	2003		2004		VOCs SVOCs	Soil Groundwater		Isolated, anomalous detected of arsenic and silver in soil and lead in groundwater; RFI to focus on VOCs and SVOCs in groundwater; Evaluation of data from the RFI is ongoing	
SWMU 272 - AS137 O/W	Air Station	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs Metals	Soil	No Further Action	Metals detected in soil at concentrations slightly above screening criteria; SVOCs (phenols) not associated with fuel farm or oil/water separator; COPCs not detected in groundwater; SWMU is not accessible and likely received intended waste only; COPCs not indicative of SWMU failure or release	Pending Review - Phase II CSI Report
SWMU 273 - BA128/BA105 Dumpster	Beach Area	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 275 - BB48 Dumpster	Courthouse Bay	VOCs SVOCs PCBs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 276 - BB49 Dumpster	Courthouse Bay	VOCs SVOCs PCBs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 277 - FC120 O/W	French Creek	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001

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SWMU Designation	Location	Analytical Program	Media Investigated	Program Activities Completed						Constituents of Potential Concern	Media of Concern	Baker/CH2M Hill Recommendations	Additional Notes/ Comments	NC DENR Status/ Recommendations
				Phase I CSI	Phase II CSI	Additional CSI	Interim Measures	RCRA Facility Investigation	Corrective Measures Study					
SWMU 279 - FC200 O/W	French Creek	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs	Soil	No Further Action	Isolated, anomalous detect of benzo(a)pyrene in surface soil that does not exceed NC DENR soil to groundwater screening criteria; COPC not detected in groundwater	Pending Review - Phase II CSI Report
SWMU 280 - FC285 AST	French Creek	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 283 - FC279 Release	French Creek	VOCs SVOCs Pesticides PCBs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 284 - S947 Container	Hadnot Point	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 285 - S947 O/W	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs	Soil	No Further Action	Isolated, anomalous detects in surface soil sample collected during Phase I CSI in 1997; Soil/groundwater samples collected adjacent to detects during Phase II CSI - no exceedances of screening criteria; COPCs not detected in groundwater	Pending Review - Phase II CSI Report
SWMU 286 - S947 Pile	Hadnot Point	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 291 - 034 Ditch	Hadnot Point	VOCs SVOCs Pesticides PCBs Metals	Soil Surface Water Sediment	1997	2002		2001			Metals	Soil	No Further Action	SWMU located in industrial setting; Distribution of COPCs (arsenic, chromium) appears to be limited; COPCs in subsurface soil isolated, anomalous detects during Phase I CSI in 1997; The SWMU was the former drainage ditch - surface soil contamination would be expected if there was a release from the SWMU; Ditch emptied into a ponded area (former excavated area) - contaminants would be expected to accumulate here - possible source of groundwater contamination at well TW03; IM conducted in 2001 to remove contaminated soil/sediment (i.e., source removed)	Pending Review - Phase II CSI Report
SWMU 292 - 1106/1107 AST	Hadnot Point	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 293 - 1106/1107 O/W	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					Metals	Soil Groundwater	Interim Measures	Lead is prevalent in soil; lead exceedances isolated and limited to surface soil; Interim Measures to include removal of lead-contaminated surface soil in the vicinity of the SWMU; Arsenic in groundwater not attributable to SWMU - not detected in soil - detected in groundwater upgradient of SWMU	
SWMU 294 - 1203 O/W	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs Metals	Soil	No Further Action	Distribution of COPCs [benzo(a)pyrene, bis(2-ethylhexyl)phthalate, mercury] in soil delineated; COPCs not indicative of SWMU failure or release	Pending Review - Phase II CSI Report

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				Phase I CSI	Phase II CSI	Additional CSI	Interim Measures	RCRA Facility Investigation	Corrective Measures Study					
SWMU 295 - 1601 AST	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					Metals	Soil	No Further Action	COPC (arsenic) detected in surface soil below screening criteria; COPC detected in subsurface soil below NC DENR soil to groundwater screening criteria - concentrations slightly above background; COPC not detected in groundwater; COPC not indicative of SWMU failure or release; Building 1601 (Site 78 South) being addressed under the IR Program	Pending Review - Phase II CSI Report
SWMU 296 - 1700 Basin B	Hadnot Point	SVOCs Metals	Soil Groundwater	1997	2002					SVOCs Metals	Soil	No Further Action	See SWMU 53	Pending Review - Phase II CSI Report
SWMU 297 - 1780 O/W-2	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002			2004		Metals	Soil Groundwater		RFI combined with SWMU 261; Evaluation of data from the RFI is ongoing	
SWMU 298 - 1780 O/W-3	Hadnot Point	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 299 - AS114 AST	Air Station	VOCs SVOCs Metals	Soil Groundwater	1997	2002	2003				SVOCs Metals	Soil	Interim Measures	Interim Measures to include removal of contaminated soil in the vicinity of the SWMU; Naphthalene only COPC detected in groundwater - isolated, anomalous detect	
SWMU 300 - AS118 AST	Air Station	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs	Soil	No Further Action	Isolated, anomalous detects in surface soil sample collected beneath asphalt during Phase I CSI in 1997; COPCs are PAHs similar to asphalt-like material; COPCs not detected in groundwater	Pending Review - Phase II CSI Report
SWMU 301 - AS4115 AST	Air Station	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 302 - AS563 AST	Air Station	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs Metals	Soil Groundwater	No Further Action	Few isolated detections in soil and groundwater slightly above screening criteria; COPCs not typical petroleum-related compounds; COPCs not indicative of SWMU failure or release	Pending Review - Phase II CSI Report
SWMU 303 - AS515 AST-E	Air Station	VOCs SVOCs Metals	Soil Groundwater	1997	2002			2004		SVOCs Metals	Soil Groundwater		RFI combined with SWMU 318 and extended into helicopter wash pad area; Evaluation of data from the RFI is ongoing	
SWMU 304 - BA103 O/S	Beach Area	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 305 - BB224 Pile	Courthouse Bay	VOCs SVOCs Pesticides PCBs Metals	Soil Groundwater	1997	2002					Metals	Soil	No Further Action	SWMU was a soil pile that no longer exists; Concentrations of COPCs (arsenic) slightly above background; COPCs not detected in groundwater	Pending Review - Phase II CSI Report
SWMU 306 - FC230 O/W-1	French Creek	VOCs SVOCs Metals	Soil Groundwater	1997	2002					Metals	Soil	No Further Action	Isolated anomalous detect of silver in subsurface soil sample during Phase I CSI in 1997; COPCs not detected in groundwater	Pending Review - Phase II CSI Report

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				Phase I CSI	Phase II CSI	Additional CSI	Interim Measures	RCRA Facility Investigation	Corrective Measures Study					
SWMU 307 - G649 Rack	Camp Geiger	VOCs SVOCs Metals	Soil Groundwater	1997	2002	2003				Metals	Soil Groundwater	Interim Measures RCRA Facility Investigation	Interim Measure to include removal of surface soil in the immediate of the SWMU; Elevated concentrations of lead detected in groundwater; Scope of RFI to be limited	
SWMU 308 - GP19 O/W	French Creek	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs	Soil	No Further Action	Isolated, anomalous detect of bis(2-chloroethyl)ether in surface soil sample collected during Phase I CSI in 1997; COPC not detected in groundwater	Pending Review - Phase II CSI Report
SWMU 309 - NH118 UST	Naval Hospital	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 310 - PT33 Pond O/W	Hadnot Point	VOCs SVOCs Pesticides PCBs Metals	Soil	1997			????					No Further Action		No Further Action November 2001
SWMU 311 - S1619 O/W	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002			2003		Metals	Soil	Interim Measures	Interim Measures to include removal of contaminated surface soil in the immediate vicinity of the SWMU to mitigate human health risks associated with lead and ecological risks associated with chromium	Agrees with Interim Measures - March 2004; Pending Dave Lilley review
SWMU 312 - S1735 O/W	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs Metals	Soil	No Further Action	COPCs detected in surface soil; COPCs in groundwater not detected of below 2L standards; COPCs not indicative of SWMU failure or release; Benzo(a)pyrene may be related to coal residue or asphalt paving operations - SWMU is located adjacent to Steam Plant	Pending Review - Phase II CSI Report
SWMU 313 - S1753 O/W and AST	Hadnot Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					Metals	Soil	No Further Action	Isolated, anomalous detect of silver in surface soil sample collected during Phase I CSI in 1997; COPC not detected in groundwater	Pending Review - Phase II CSI Report
SWMU 314 - SM187 O/W	Montford Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002	2003				SVOCs Metals	Soil	Interim Measures	Interim Measures to include removal of surface soil in the immediate vicinity of the SWMU; isolated, anomalous detect of lead in groundwater attributable to turbidity of sample from temporary well (TW03) - lead not detected in groundwater sample from permanent well installed adjacent to TW03	
SWMU 315 - SM269 O/W	Montford Point	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs Metals	Soil	No Further Action	Acetaphenone and pentachlorophenol isolated, anomalous detects in groundwater and soil, respectively; No other COPCs detected in groundwater exceeded the 2L standard; Metals appear to be ubiquitous in soil; Concentrations of metals detected in surface soil slightly above background; COPCs not indicative of SWMU failure or release; More constituents would have been detected if the SWMU failed or caused a release	Pending Review - Phase II CSI Report

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				Phase I CSI	Phase II CSI	Additional CSI	Interim Measures	RCRA Facility Investigation	Corrective Measures Study					
SWMU 316 - TC773 O/W	Camp Geiger	VOCs SVOCs Metals	Soil Groundwater	1997	2002					SVOCs Metals	Soil	No Further Action	COPCs (benzo(a)pyrene and arsenic) detected in surface below asphalt - may be attributable to asphalt or tack oil; arsenic is essentially background; COPCs not detected in groundwater; COPCs not indicative of SWMU failure or release; More constituents would have been detected if the SWMU failed or caused a release	Pending Review - Phase II CSI Report
SWMU 317 - TT2453 Release	Tarrawa Terrace	VOCs SVOCs Metals	Soil Groundwater	1997	2002					Metals	Soil	No Further Action	Isolated, anomalous detect of lead in surface soil sample collected during Phase I CSI in 1997; Concentrations detected in groundwater below screening criteria; Area disturbed during demolition/remediation activities at auto care facility	Pending Review - Phase II CSI Report
SWMU 318 - AS515 O/W	Air Station	VOCs SVOCs Metals	Soil Groundwater	1997	2002			2004		VOCs SVOCs Metals	Soil Groundwater		RFI combined with SWMU 303 and extended into helicopter wash pad area; Evaluation of data from the RFI is ongoing	
SWMU 319 - Camp Geiger Wastewater Treatment Plant	Camp Geiger	VOCs SVOCs Metals	Soil	1997	2002					SVOCs Metals	Soil	No Further Action	COPCs [benzo(a)pyrene, mercury, and silver] slightly above screening criteria; Area disturbed during demolition/highway construction activities; sample distribution throughout the footprint of former wastewater treatment plant does not indicate evidence of gross contamination	Pending Review - Phase II CSI Report
SWMU 336 - AS4106 Paint Stripper	Air Station	VOCs SVOCs Metals	Soil Groundwater	2002		2003				VOCs Metals	Soil Groundwater	RCRA Facility Investigation	Isolated , anomalous detect of methylene chloride and cadmium in soil; Elevated concentrations of PCE detected in groundwater - no source identified in soil yet; RFI to focus on VOCs in soil/groundwater	
SWMU 337 - AS518 Paint Stripper	Air Station	VOCs SVOCs Metals	Soil	1997								No Further Action		No Further Action November 2001
SWMU 339 - AS4146 Sand Blasting Area	Air Station	VOCs SVOCs Metals	Soil Groundwater Drain Grit	1997	2002					VOCs	Soil	No Further Action	SWMU located in industrial setting; COPCs (bromoform, chloroform, methylene chloride) detected in soil below USEPA Region IX PRGs; COPCs not detected in groundwater; Most of COPCs detected in subsurface soil; Low levels of COPCs appear to be ubiquitous in soil - may be attributable to lab-type preparation/cleaning - not likely attributable to SWMU; COPCs not persistent in the environmental at these concentrations	Pending Review - Phase II CSI Report
SWMU 358 - Sneads Ferry Road Battery Dump (new SWMU - 2001)	French Creek	Metals	Soil				2001					No Further Action	Interim Measures conducted in 2001; Confirmatory soil samples collected - no constituents detected above screening criteria	Pending Review - Phase II CSI Report

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				Phase I CSI	Phase II CSI	Additional CSI	Interim Measures	RCRA Facility Investigation	Corrective Measures Study					
SWMU 359 - Lot 201 Battery Dump (new SWMU - 2001)	Hadnot Point	VOCs SVOCs Pesticides Metals	Soil Groundwater	2002			2001			VOCs Pesticides Metals	Soil Groundwater	No Further Action	Interim Measures conducted in 2001 - source removed; Low level of methylene chloride detected in subsurface soil - may be attributable to lab-type preparation/cleaning - not likely attributable to SWMU; Metals detected in subsurface soil and groundwater slightly above screening criteria; Pesticides detected in groundwater likely attributable to IR Site 6 because this SWMU has not had a history of accepting pesticide-containing wastes; Pesticides not being considered SWMU-related COPCs	Pending Review - Phase II CSI Report
SWMU 360 - Building 1817 UST (new SWMU - 2001)	Hadnot Point	VOCs SVOCs Pesticides Metals	Soil Groundwater	2002				2003		VOCs	Soil Groundwater	Corrective Measures Study; Additional Investigation	CMS to evaluate remedial alternatives for chlorinated solvents in subsurface soil; Additional groundwater investigation to define the extent of contamination	Agrees with CMS and additional investigation - March 2004; Pending Dave Lillev review
SWMU 361 - UST Site 333-C (new SWMU - 2001)	Hadnot Point	VOCs SVOCs Pesticides Metals	Soil Groundwater	2002		2003				SVOCs Pesticides Metals	Soil Groundwater	RCRA Facility Investigation	Pesticides and metals detected in soil; SVOCs and pesticides detected in groundwater	
SWMU 362 - Dog 11 Area (new SWMU - 2001)	Hadnot Point	VOCs SVOCs Pesticides Metals	Soil Surface Water Sediment	2002		2003				VOCs Pesticides	Soil Sediment	No Further Action	Low level of methylene chloride detected in surface soil may be attributable to lab-type preparation/cleaning - not likely attributable to SWMU; Pesticides detected in sediment likely attributable to historic application practices/runoff - concentrations not indicative of pesticide disposal practices	
SWMU 363 - M-21 Arresting Gear (new SWMU - 2001)	Air Station	VOCs SVOCs Pesticides Metals	Soil Groundwater	2002						VOCs Pesticides	Soil Groundwater	No Further Action	Low level of VOCs (bromoform and methylene chloride) ubiquitous in soil - may be attributable to lab-type preparation/cleaning - not likely attributable to SWMU; Pesticides in groundwater may be attributable to Base operations but not SWMU	Pending Review - Phase II CSI Report