28 AUGUST 1992

INSTALLATION RESTORATION

ACTION PLAN FOR

SENECA ARMY DEPOT

I. Background/History

General

Seneca Army Depot (SEAD) is an active Depot Systems Command (DESCOM) Facility located in the Finger Lakes Region of New York State. It is a Government owned/Government operated facility whose primary mission is to receive, store, maintain, issue, ship, demilitarize and dispose of assigned commodities including ammunition, explosives, propellants, Industrial Plant Equipment, Special Weapons and General Services Administration materials.

Seneca Army Depot was constructed in 1941 on a 10,587 acre parcel of land between Seneca and Cayuga Lakes, about 14 miles southeast of the town of Geneva. The base was later expanded to include the airstrip of the former Sampson Air Force Base which is immediately adjacent to SEAD to the southwest. The Depot generally consists of an elongated central area for the storage of ammunition and weaponry in concrete-arch, earth covered magazines, an operations and administrative area and an Army barracks area at the north end of the Depot.

Seneca Army Depot was included on the Federal Facilities National Priorities List (NPL) in July of 1989. An Interagency Agreement (IAG) was negotiated in 1990 between the New York State Department of Environmental Conservation (NYSDEC) and the United States Environmental Protection Agency (USEPA), Region II, to the satisfaction of the technical elements involved. Although the IAG has only recently been signed at the DA level, work has proceeded smoothly according to its provisions for nearly two years.

Two sites in particular contributed to SEAD's inclusion on the NPL. Those were the Ash Landfill and Open Burning Grounds areas. A site specific description follows.

Site Specific

Incinerator Ash Landfill

The Incinerator Ash Landfill Site is a 130 acre site located in the southwestern portion of the Depot. The site includes SWMU's SEAD-3, 6, 8, 14 and 15 and corresponds to DERPMIS sites SEAD-006 and SEAD-008. The site consists of an abandoned incinerator building and tower, a former cooling pond, an Ash Landfill and an adjacent Non-Combustible Fill Landfill. The landfill area is adjacent to the western boundary of the Depot. Further to the west is farmland with a few residences, Sampson State Park and Seneca Lake. The landfill was used to dispose of the ash resulting from the incineration of solid waste (trash) produced at the Depot. The Non-Combustible Fill Landfill, located just southeast of the incinerator building, was used to dispose of materials which could not be incinerated.

Operations were conducted at the incinerator from 1974 to 1979 when the incinerator was destroyed by fire. Following 1979, the incinerator was abandoned and the landfill closed.

Open Burning Grounds

The Open Burning (OB) Grounds site at SEAD is a 30 acre site in the northwest portion of the Depot. Within these 30 acres are nine burning pads where propellants, explosives and pyrotechnics (PEP) were burned.

Open Burning on the ground was discontinued in 1987. Currently, burning operations are conducted in an above ground, welded, steel tray. Open detonation operations are still being conducted, however, in the adjacent Open Detonation (OD) Grounds, which is a 60 acre site adjoining the OB Grounds to

the northwest. The OB Grounds (SWMU Designation SEAD-23) is represented by the DERPMIS Designation SEAD-023.

Various Solid Waste Management Units

During IAG negotiations, NYSDEC required that, in addition to the studies being performed at the Ash Landfill and OB Ground sites, investigations of the potential for contamination at all identified Solid Waste Management Units (SWMU's) would be required. It was agreed that these investigations would follow the CERCLA format for a Preliminary Assessment (PA), which is basically a record search. Following presentation of the PA results, those areas where the potential for contamination exists, to be known as "Areas of Concern" (AOC), would be investigated further by Site Investigation and, if necessary, a full RI/FS. Those areas where the potential for contamination was nonexistent would not be investigated any further. Based on prior NYSDEC inventories and SEAD's efforts, a total of 71 areas were judged to meet the definition of a SWMU. However, for some of the 71 sites, this judgement has been called into question and is subject to future negotiations with the State and the USEPA. These 71 areas correspond to 55 DERPMIS sites.

RCRA Part B Permit

As required by law, under the Resource Conservation and Recovery Act of 1976, SEAD is applying for a RCRA Part B Permit to operate three storage facilities and a Deactivation Furnace. The work involves revising an existing permit document and expanding it to meet new NYSDEC requirements promulgated in 1990. The current work is presently being funded by SEAD. Although it is an important part of the overall Action Plan for the Depot, it is not an Installation Restoration project, per se.

II. Studies Performed to Date

General

Numerous areas of known or suspected contamination were delineated in the Initial Installation Assessment (IIA) done by USATHAMA in 1980. This IIA consisted of a records search and interviews with present and former installation personnel. An update to the IIA was conducted in 1988.

Ash Landfill Site

As a result of the IIA and update, it was recognized that the Ash Landfill Area was a problem area to be considered further. The Army Environmental Hygiene Agency (AEHA) conducted monitoring activities from 1980 to 1987, the results of which were contained in a Geohydrologic Study in 1987. This study concluded that a plume of contamination did exist. Trichloroethylene and dichloroethylene were determined to be the main constituents. Continuous monitoring since that time has continued to show contamination on post, although monitoring of farmhouse wells off post have not yet shown any contamination.

Following the IAG negotiations, a workplan for a Remedial Investigation/Feasibility Study was completed. The first phase of field work was completed in January 1992 and the Preliminary Site Characterization Summary Report is presently in regulatory review. A second phase, likely minimal, of actual field work will be required, followed by the Risk Assessment, Feasibility Study and Record of Decision (ROD). With appropriate funding and regulatory cooperation, a ROD is vaguely conceivable by late CY93.

Open Burning Grounds Site

The OB Grounds site was also identified as a problem area in the USATHAMA IIA and was included in the AEHA monitoring program. Soils contamination with

heavy metals and explosives was found in the two pads sampled. O'Brien & Gere Engineering, Inc., was commissioned to recommend procedures for closure of those two burning pads according to RCRA guidelines.

During the O'Brien & Gere study, AEHA conducted a more in-depth study of the entire site. Heavy metals and explosives contamination were confirmed at the site and extents were delineated for three pads. Based on these additional AEHA results, Metcalf & Eddy was hired to review the O'Brien & Gere recommendations and design a closure for the site according to RCRA. Although the design was practical, the $25 million dollar cost was not, so no immediate action was possible. Concurrent with the completion of this design was listing of SEAD on the NPL and the required initiation of IAG negotiations. Since the OB Grounds was one of three primary sites that instigated SEAD's listing, it was decided that the Army would incorporate this site under the CERCLA format.

Following IAG negotiations, a workplan for a RI/FS at the OB Grounds was developed. Phase I field work was completed in January 1992 and the draft Preliminary Site Characterization Summary Report is undergoing regulatory review. A Phase II will be required, to be followed by a Risk Assessment and a Feasibility Study. It is assumed that a ROD is possible by late CY93. This project is being conducted concurrently with the Ash Landfill RI/FS.

Solid Waste Management Units

The AEHA Geohydrological Study formed the basis for the SWMU Classification Study done to meet the NYSDEC requirement. This study contained all background material available on the 71 areas identified as potential SWMU's. The report recommended that additional site investigations were required at 26 of the 71 SWMU's. These 26 were comprised of eight High

Priority and 18 Medium or Low Priority SWMU's. However, NYSDEC has indicated that they feel 68 of the 71 SWMU's require further attention. Negotiations will be required to resolve this disagreement.

Table 1.0 presents the 71 sites currently designated as SWMU's and their corresponding DERPMIS identifiers. Several of the units currently designated as SWMU's have not been included in the DERPMIS because they represent storage units for raw materials and supplies. These units do not meet the regulatory definition of a waste or a SWMU and may be delisted pending future negotiations between the Army and the regulatory agencies.

While agreement is being sought on the total number of SWMU's to be considered, workplans are being prepared to deal with the undisputed 26 SWMU's. The first workplan, detailing Site Investigation activities at the eight High Priority and three of the Medium Priority SWMU's (eleven total), is nearing submittal for regulatory review. It is conceivable that actual field work could begin in early FY93, if funding is made available. The second workplan, for fifteen Medium and Low Priority SWMU's, could be initiated if funding were available.

III. Response Actions Taken

General

To date, no interim remedial actions have been performed at SEAD. The nature of the work, purely investigatory at present, has not afforded enough of an opportunity to explore interim actions.

IV. Schedule of Future Milestones

Ash Landfill and OB Grounds Sites

The Preliminary Site Characterization Summary Reports for both sites have

undergone regulatory review. Regulatory review comments, upon which Phase II field investigations are being based, were received in July 1992. Award of the required Phase II work is presently being pursued and will be accomplished in FY92, if funding is provided. Both projects are presently SAF. It is projected that Phase II investigations would be complete by December of 1992, with the RI reports, Risk Assessments and Feasibility Studies done by late summer of CY93. Records of Decision for both sites are conceivable by late CY93, but that will depend on our receiving cooperation from the regulators and expeditious reviews.

Solid Waste Management Units

The workplan for Site Investigations at the initial SWMU's will be submitted for regulatory review in June-July of 1992. If funding becomes available, it is conceivable that field work could begin in October of 1992, with completion and report preparation in the summer of 1993. Concerning any RI's that might develop, it is difficult to pin-point a specific timeframe. Based on the completion of the final SI reports in 1993, RI's may or may not ensue. A simple projection might have RI's (field work to ROD's) occurring from late 1993 to mid 1995.

Considering that the second set of fifteen SWMU's lags the initial eleven by a few months, it is conceivable that SI's could begin in early 1993 with any RI's that develop being completed in late 1995. All work on the remaining SWMU's will depend on negotiations with the regulators regarding what additional work will be required, if any. Also, all work to be done at the individual SWMU's is presently unfunded. Funding availability will naturally be critical in accomplishing this work according to the schedule proposed.

The schedule for all work proposed, as presently envisioned, is given in Attachment 2. It should be noted that this schedule is based on the

assumption that Huntsville Division is performing the required work. No attempts can be made to project a schedule based on another districts resources following decentralization.

V. Cost Estimate for the Completion of Future Milestones

General

Prior year funding amounts and a projection of costs for completion of future milestones is given in Attachment 1. The future projections do not contain projected costs for any work past the ROD stage. Until an RI/FS is complete, it is impossible to project what form of remediation will take place and consequently, its cost.

TABLE 1
Universe of SWMU's at SEAD

SWMU DESIGNATION		DERPMIS DESIGNATION	SWMU TITLE
SEAD-1		ND	Bldg 307 - Hazardous Waste Container Storage Facility
SEAD-2		ND	Bldg 301 - PCB Transformer Storage
SEAD-3	*	SEAD-006	Incinerator Cooling Water Pond
SEAD-4	+	SEAD-004	Munitions Washout Facility Leach Field
SEAD-5		SEAD-005	Sewage Sludge Waste Pile
SEAD-6	*	SEAD-006	Abandoned Ash Landfill
SEAD-7		ND	Shale Pit
SEAD-8	*	SEAD-008	Non-Combustible Fill Area
SEAD-9		SEAD-009	Old Scrap Wood Site
SEAD-10		SEAD-010	Present Scrap Wood Site
SEAD-11	+	SEAD-011	Old Construction Debris Landfill
SEAD-12		SEAD-012	Radioactive Waste Burial Sites (3)
SEAD-13	+	SEAD-013	IRFNA Disposal Site
SEAD-14	*	SEAD-006	Refuse Burning Pits
SEAD-15	*	SEAD-006	Abandoned Incinerator Building
SEAD-16	+	SEAD-016	Bld. S-311 - Abandoned Deactivation Furnace
SEAD-17	+	SEAD-017	Bld. 367 - Existing Deactivation Furnace
SEAD-18		SEAD-018	Bld. 709 - Classified Document Incinerator
SEAD-19		SEAD-019	Bld. 801 - Classified Document Incinerator
SEAD-20		SEAD-022	Sewage Treatment Plant No. 4
SEAD-21		SEAD-022	Sewage Treatment Plant No. 715
SEAD-22		SEAD-022	Sewage Treatment Plant No. 314
SEAD-23	*	SEAD-023	Open Burning Ground
SEAD-24	+	SEAD-024	Abandoned Powder Burning Pit
SEAD-25	+	SEAD-025	Fire Training and Demonstration Pad
SEAD-26	+	SEAD-026	Fire Training Pit
SEAD-27		SEAD-027	Bld. 360 - Steam Cleaning Waste Tank
SEAD-28		SEAD-028	Bld. 360 - Underground Waste Oil Tanks (2)
SEAD-29		SEAD-029	Bld. 732 - Underground Waste Oil Tank
SEAD-30		SEAD-030	Bld. 118 - Underground Waste Oil Tank
SEAD-31		SEAD-31	Bld. 117 - Underground Waste Oil Tank
SEAD-32		SEAD-32	Bld. 718 - Underground Waste Oil Tanks (2)
SEAD-33		SEAD-33	Bld. 121 - Underground Waste Oil Tank
SEAD-34		SEAD-34	Bld. 319 - Underground Waste Oil Tanks (2)
SEAD-35		SEAD-35	Bld. 718 - Waste Oil-Burning Boilers (3)

TABLE 1 (CONTINUED)

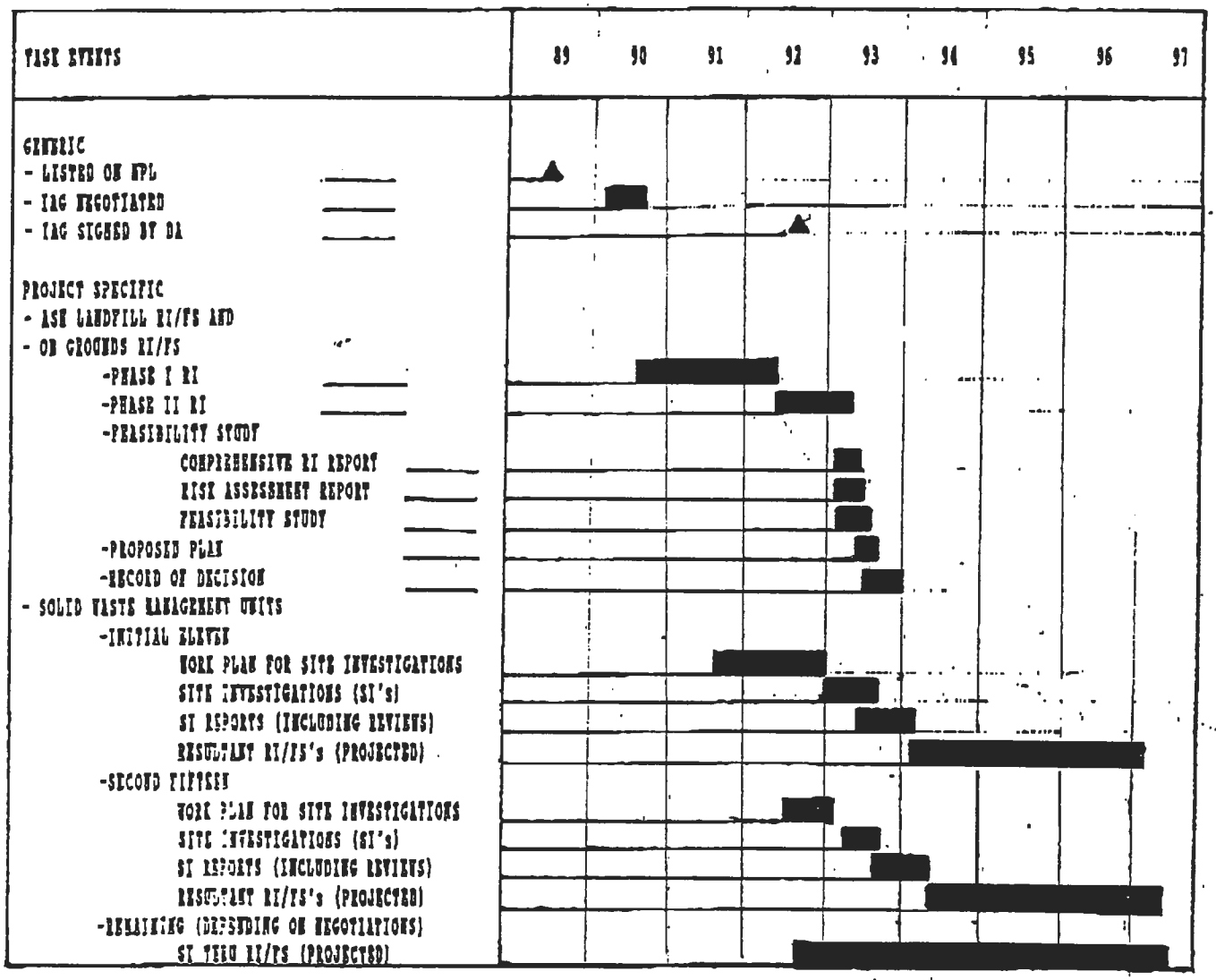
SEAD-36		SEAD-36	Bld. 121 - Waste Oil-Burning Boilers (2)
SEAD-37		SEAD-37	Bld. 319 - Waste Oil-Burning Boilers (s)
SEAD-38		SEAD-38	Bld. 2079 - Boiler Blowdown Leach Pit
SEAD-39		SEAD-39	Bld. 121 - Boiler Blowdown Leach Pit
SEAD-40		SEAD-40	Bld. 319 - Boiler Blowdown Leach Pit
SEAD-41		SEAD-41	Bld. 718 - Boiler Blowdown Leach Pit
SEAD-42		SEAD-42	Preventive Medicine Lab
SEAD-43		SEAD-43	Old Missile Propellant Test Lab (Building 606)
SEAD-44		SEAD-44	Quality Assurance Test Lab
SEAD-45	+	SEAD-45	Demolition Area (Refer to SEAD-23)
SEAD-46		SEAD-46	Small Arms Range
SEAD-47		SEAD-47	Radiation Calibration Source Storage (Buildings 321 and 806)
SEAD-48		SEAD-48	Pitchblende Storage Bunkers
SEAD-49		SEAD-49	Columbite Ore Storage (Bld. 356)
SEAD-50		SEAD-50	Tank Farm
SEAD-51		ND	Herbicide Usage - perimeter of high security area
SEAD-52		SEAD-52	Ammunition Breakdown Area (Blds. 608 and 612)
SEAD-53		ND	Munitions Storage Igloos
SEAD-54		ND	Asbestos Storage Igloos
SEAD-55		ND	Tannin Storage Igloos
SEAD-56		ND	Herbicide and Pesticide Storage
SEAD-57	+	SEAD-057	Explosive Ordnance Disposal Area
SEAD-58		SEAD-058	Booster Station (Building 2131)
SEAD-59		SEAD-059	Fill Area (West of Building 135)
SEAD-60		SEAD-060	Oil Discharge (Building 609)
SEAD-61		SEAD-061	Underground Waste Oil Tank (Building 718)
SEAD-62		SEAD-062	Nicotine Sulfate Disposal Area (South side of Road, between Buildings 606 and 612)
SEAD-63		SEAD-063	Miscellaneous Components Burial Site
SEAD-64		SEAD-064	Garbage Disposal Areas (Debris Landfill South of Storage Pad)
SEAD-65		SEAD-065	Acid Storage Pad
SEAD-66		SEAD-066	Pesticide Storage Area (Near Buildings 5 and 6)
SEAD-67		SEAD-067	Dump Site (East of Sewage Treatment Plant No. 4)
SEAD-68		SEAD-068	Pest Control Shop (Building S-335)
SEAD-69		SEAD-069	Disposal Area (Building 606)
SEAD-70		SEAD-070	Building 2110 Fill Area
SEAD-71		SEAD-071	Alleged Paint Disposal Area

Note: The items marked by an asterisk have already been identified as AOC's and RI/FS activities have been initiated at these sites. Those marked with a + have been identified as AOC's and SI activities are being initiated under a separate contract.

ATTACHMENT 2

SCHEDULE OF MILESTONES

Calendar Years



ATTACHMENT 1

PAST FUNDING AND FUTURE REQUIREMENTS

Prior Year Funding

FY 1979	Installation Assessment	50.0k
FY 1987	Update to Installation Assessment	251.5k
FY 1988	Site Investigation	138.8k
FY 1989	Demo Grounds (CE)	409.1k
	Incinerator Ash Landfill (CE)	527.3k
	Scope Preparation (CE)	0.7k
FY 1990	RD	20.0k
	RI/FS	241.8k
	RI/S&A	23.5k
FY 1991	RI/FS	1972.3k
	RI/S&A	179.9k
	REM	14.1k
FY 1992	RI/S&A and REM	294.0k
FY 1993	MPR, PA, SI, RA, and RI/FS	15170.0k
FY 1994	MPR, PA, SI, RA, and RI/FS	11885.0k
FY 1995	MPR, PA, SI, RA, and RI/FS	7785.0k
FY 1996	MPR, PA, SI, RA, and RI/FS	3385.0k
FY 1997	MPR, PA, SI, RA, and RI/FS	2325.0k
FY 1998	MPR, PA, SI, RA, and RI/FS	1885.0k
FY 1999	MPR, PA, SI, RA, and RI/FS	185.0k

TOTALS:

FY 1990-1999	45,425.6k
From Inception	46,803.0k

SEAD-AP.KH
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Summary Report is undergoing regulatory review. A phase II will be required, to be followed by a risk assessment and a Feasibility Study. It is assumed that a ROD is possible by late CY93. This project is being conducted concurrently with the Ash Landfill RI/FS.

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III. TO DATE Taken

Top+30Xdate, no interim remedial actions have been performed at SEAD. The nature of the work, purely investigatory at present, has not afforded enough of an opportunity to explore interim actions.

IV. Schedule of Future Milestones

Ash Landfill and OB Grounds Sites

The Preliminary Site Characterization Summary Reports for both sites have undergone regulatory review. Regulatory review comments, upon which Phase II field investigations are being based, were received in July 1992. Award of the required Phase II work is presently being pursued and will be accomplished in FY 92 if funding is provided. Both projects are presently SAF. It is projected that Phase II investigations would be complete by December of 1992, with the RI reports, risk assessments and Feasibility Studies done by late summer of CY 1993. Records of

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FUNDING ↓

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V. Cost Estimate for the Completion of Future Milestones

General

Prior year funding amounts and a projection of costs for completion of future milestones is given in Attachment 1. The future projections do not contain projected costs for any work past the ROD stage. Until an RI/FS is complete, it is impossible to project what form of remediation will take place and consequently, its cost.

TABLE 1
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SEAD-24	+	SEAD-024	Abandoned Powder Burning Pit
SEAD-25	+	SEAD-025	Fire Training and Demonstration Pad
SEAD-26	+	SEAD-026	Fire Training Pit
SEAD-27		SEAD-027	Bld. 360 - Steam Cleaning Waste Tank
SEAD-28		SEAD-028	Bld. 360 - Underground Waste Oil Tanks (2)
SEAD-29		SEAD-029	Bld. 732 - Underground Waste Oil Tank
SEAD-30		SEAD-030	Bld. 118 - Underground Waste Oil Tank
SEAD-31		SEAD-31	Bld. 117 - Underground Waste Oil Tank
SEAD-32		SEAD-32	Bld. 718 - Underground Waste Oil Tanks (2)
SEAD-33		SEAD-33	Bld. 121 - Underground Waste Oil Tank
SEAD-34		SEAD-34	Bld. 319 - Underground Waste Oil Tanks (2)
SEAD-35		SEAD-35	Bld. 718 - Waste Oil-Burning Boilers (3)

TABLE 1 (CONTINUED)

SEAD-36		SEAD-36	Bld. 121 - Waste Oil-Burning Boilers0X(2)
SEAD-37		SEAD-37	Bld. 319 - Waste Oil-Burning Boilers (s)
SEAD-38		SEAD-38	Bld. 2079 - Boiler Blowdown Leach Pit
SEAD-39		SEAD-39	Bld. 121 - Boiler Blowdown Leach Pit
SEAD-40		SEAD-40	Bld. 319 - Boiler Blowdown Leach Pit
SEAD-41		SEAD-41	Bld. 718 - Boiler Blowdown Leach Pit
SEAD-42		SEAD-42	Preventive Medicine Lab
SEAD-43		SEAD-43	Old Missile Propellant Test Lab (Building 606)
SEAD-44		SEAD-44	Quality Assurance Test Lab
SEAD-45	+	SEAD-45	Demolition Area (Refer to SEAD-23)
SEAD-46		SEAD-46	Small Arms Range
SEAD-47		SEAD-47	Radiation Calibration Source Storage (Buildings 321 and 806)
SEAD-48		SEAD-48	Pitchblend Storage Bunkers
SEAD-49		SEAD-49	Columbite Ore Storage (Bld. 356)
SEAD-50		SEAD-50	Tank Farm
SEAD-51		ND	Herbicide Usage - perimeter of high security area
SEAD-52		SEAD-52	Ammunition Breakdown Area (Blds. 608 and 612)
SEAD-53		ND	Munitions Storage Igloos
SEAD-54		ND	Asbestos Storage Igloos
SEAD-55		ND	Tannin Storage Igloos
SEAD-56		ND	Herbicide and Pesticide Storage
SEAD-57	+	SEAD-057	Explosive Ordnance Disposal Area
SEAD-58		SEAD-058	Booster Station (Building 2131)
SEAD-59		SEAD-05p+30X	Fill Area (West of Building 135)
SEAD-60		SEAD-060	Oil Discharge (Building 609)
SEAD-61		SEAD-061	Underground Waste Oil Tank (Building 718)
SEAD-62		SEAD-062	Nicotine Sulfate Disposal Area (South side of Road, between Buildings 606 and 612)
SEAD-63		SEAD-063	Miscellaneous Components Burial Site
SEAD-64		SEAD-064	Garbage Disposal Areas (Debris Landfill South of Storage Pad)
SEAD-65		SEAD-065	Acid Storage Pad
SEAD-66		SEAD-066	Pesticide Storage Area (Near Buildings 5 and 6)
SEAD-67		SEAD-067	Dump Site (East of Sewage Treatment Plant No. 4)
SEAD-68		SEAD-068	Pest Control Shop (Building S-335)
SEAD-69		SEAD-069	Disposal Area (Building 606)
SEAD-70		SEAD-070	Building 2110 Fill Area
SEAD-71		SEAD-071	Alleged Paint Disposal Area

ATTACHMENT 1

PAST FUNDING AND FUTURE REQUIREMENTS

Prior Year Funding

FY 1979	Installation Assessment	50.0k
FY 1987	Update to Installation Assessement	251.5k
FY 1988	Site Investigation	138.8k
FY 1989	Demo Grounds (CE)	409.1k
	Incinerator Ash Landfill (CE)	527.3k
	Scope Preparation (CE)	0.7k
FY 1990	RD	20.0k
	RI/FS	241.8k
	RI/S&A	23.5k
FY 1991	RI/FS	1972.3k
	RI/S&A	179.9k
	REM	14.1k
FY 1992	RI/S&A and REM	294.0k
FY 1993	MPR, PA, SI, RA, and RI/FS	15170.0k
FY 1994	MPR, PA, SI, RA, and RI/FS	11885.0k
FY 1995	MPR, PA, SI, RA, and RI/FS	7785.0k
FY 1996	MPR, PA, SI, RA, and RI/FS	3385.0k
FY 1997	MPR, PA, SI, RA, and RI/FS	2325.0k
FY 1998	MPR, PA, SI, RA, and RI/FS	1885.0k
FY 1999	MPR, PA, SI, RA, and RI/FS	185.0k

TOTALS:

FY 1990-1999	45,425.6k
From Inception	46,803.0k

DEPARTMENT OF THE ARMY
HEADQUARTERS, U. S. ARMY DEPOT SYSTEM COMMAND
CHAMBERSBURG, PENNSYLVANIA 17201-4170

REPLY TO
ATTENTION OF

AMSDS-IN-E

23 JUL 1992

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Defense Environmental Restoration Program Management Information Systems (DERPMIS) Update for AMC Installations

1. Reference, letter from Harry Dutcher, CETHA-IR-P, 15 July 1992, subject as above. (Enclosed)

2. Per reference, the DERPMIS update status is due to this office, ATTN: AMSDS-IN-E, by 31 July 1992. Thus, a point of contact is needed for those installations that have a question mark in the "Sent Date" column and update reports are needed for those installations without a date in "Received Date" column.

3. Please submit the information which is pertinent to your installation.

4. The points of contact for this action are John Biernacki and Matthew Lapinsky, DSN 570-9427.

Encl
as

THOMAS M. SEKULA
Chief, Environmental
Management Division

DISTRIBUTION:
Cdr,
CCAD, ATTN: SDSCC-HEA
FWDA, ATTN: SDSTE-FW-CO
LBAD, ATTN: SDSLB-lOE-E
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PUDA, ATTN: SDSTE-PU-EE
RRAD, ATTN: SDSRR-WE
SAAD, ATTN: SDSSA-EL-4
SEAD, ATTN: SDSSE-HE
UMDA, ATTN: SDSTE-UAI-EO

15 JULY 92

TO: PETE CANANAN

SUBJECT: DERPMIS UPDATE STATUS FOR AMC INSTALLATIONS

ATTACHED: UPDATE STATUS

1. The "Sent Date" indicates that the DERPMIS printout was provided to the installation at either the DERP Workshop (4/21/92) or shortly afterwards. For those without a "Sent Date" (marked with a "?") a POC is needed.

2. Have not received updates for those without a "Recvd Date". What is there status?

3. Let me know if any of these are not AMC installations.

CALL WITH QUESTIONS/INFORMATION

HARRY DUTCHER

(410) 671-1545

INST	MACOM/MSC	SENT DATE	RECVD DATE	INPUT
ROCKY MOUNTAIN ARSENAL	AMC	4/21/92		
ALABAMA AAP	AMCC	ok - THAMA		
ARDEC (PICATINNY ARSENAL)	AMCC	6/18/92	—	
ARRCOM ORLANDO FACILITY	AMCC	?		
BADGER ARMY AMMUNITION PLANT	AMCC	4/21/92	5/20/92	Y
CORNHUSKER AAP	AMCC	4/21/92	6/29/92	Y
CRANE ARMY AMMUNITION ACTIVITY	AMCC	deleted		
ETHAN ALLEN FIRING RANGE	AMCC	?		
HAWTHORNE ARMY AMMUNITION PLAN	AMCC	5/20/92	—	
HAYS AAP	AMCC	4/21/92		
HOLSTON AAP	AMCC	4/21/92	5/21/92	
INDIANA AAP	AMCC	5/20/92	—	
IOWA ARMY AMMUNITION PLANT	AMCC	4/21/92	6/10/92	Y
JOLIET AAP	AMCC	5/20/92	7/01/92	Y
KANSAS AAP	AMCC	5/20/92	6/23/92	
LAKE CITY AAP	AMCC	4/21/92	5/11/92	Y
LONE STAR AAP	AMCC	4/21/92	6/11/92	Y
LONGHORN AAP	AMCC	4/21/92	5/27/92	Y
LOUISIANA AAP	AMCC	4/21/92	6/29/92	Y
MCALESTER AAP	AMCC	4/21/92	6/15/92	
MILAN ARMY AMMUNITION PLANT	AMCC	4/21/92	6/11/92	Y
MISSISSIPPI ARMY AMMUNITION PL	AMCC	5/20/92 ✓		
NEWPORT ARMY AMMUNITION PLANT	AMCC	4/21/92	6/11/92	Y
PINE BLUFF ARSENAL	AMCC	5/20/92 ✓		
RADFORD AAP	AMCC	4/21/92 ✓		
RAVENNA AAP	AMCC	5/20/92	7/06/92	
RIVERBANK ARMY AMMO PLANT	AMCC	4/21/92	6/18/92	Y
ROCK ISLAND ARSENAL	AMCC	4/21/92 ✓		

INST	MACOM/MSC	SENT DATE	RECVD DATE	INPUT
SCRANTON ARMY AMMUNITION PLANT	AMCC	4/21/92		
ST. LOUIS ORDNANCE PLANT	AMCC	?		
SUNFLOWER AAP	AMCC	4/21/92	6/12/92	
TARHEEL ARMY MISSILE PLANT	AMCC	ok - Sending to Micom		
TWIN CITIES AAP	AMCC	4/21/92	6/12/92	Y
VOLUNTEER AAP	AMCC	4/21/92	5/27/89	Y
WATERVLIET ARSENAL	AMCC	4/21/92		
CHARLES MELVIN PRICE SUPPORT C	AVSC	?		
SAGINAW ARMY AIRCRAFT PLANT	AVSC	?		
ST. LOUIS ARMY AMMUNITION PLAN	AVSC	?		
STRATFORD ARMY ENGINE PLANT	AVSC	?		
ERADCOM FLIGHT TEST ACTIVITY	CECOM	?		
FORT MONMOUTH	CECOM	? Dinker		
VINT HILL FARMS STATION	CECOM	?		
ANNISTON ARMY DEPOT	DESCO	4/21/92	6/23/92	Y
BLUE GRASS FACILITY-LBAD	DESCO	4/21/92	6/16/92	
COOSA RIVER STORAGE ANNEX(ANNI	DESCO	?		
CORPUS CHRISTI AD	DESCO	4/21/92	Army Prep - ?	
FORT WINGATE	DESCO	?		
LETTERKENNY ARMY DEPOT	DESCO	4/21/92	6/17/92	Y
LEXINGTON FACILITY-LBAD	DESCO	4/21/92		
NAVAJO ARMY DEPOT	DESCO	5/20/92 — NGB		
PUEBLO DEPOT ACTIVITY	DESCO	4/21/92		
RED RIVER ARMY DEPOT	DESCO	4/21/92		
SACRAMENTO AD	DESCO	4/21/92		
SAVANNA DEPOT ACTIVITY	DESCO	4/21/92	5/19/92	Y
SENECA AD	DESCO	4/21/92		
SIERRA ARMY DEPOT	DESCO	4/21/92	5/21/92	

INST	MACOM/MSC	SENT DATE	RECVD DATE	INPUT
TOBYHANNA AD	DESCO	4/21/92	6/10/92	Y
TOOELE AD, NORTH AREA	DESCO	4/21/92	6/24/92	Y
TOOELE AD, SOUTH AREA	DESCO	4/21/92	6/24/92	Y
UMATILLA ARMY DEPOT ACTIVITY	DESCO	?		
BLOSSOM POINT FIELD TEST ACTIV	LABCO	4/24/92		
HARRY DIAMOND LABS (ADELPHI)	LABCO	4/24/92		
US ARMY MATERIALS TECHNOLOGY L	LABCO	4/21/92		
WOODBRIDGE RESEARCH FACILITY	LABCO	4/24/92		
REDSTONE ARSENAL	MICOM	4/21/92	ok - Provided Help	
DETROIT ARSENAL	TACOM			
KEWEENAW FIELD STATION	TACOM			
LIMA ARMY TANK PLANT	TACOM	? - Need POCs)		
PONTIAC STORAGE ACTIVITY	TACOM			
TANK-AUTOMOTIVE COMMAND ACTIVI	TACOM			
ABERDEEN PROVING GROUND	TECOM	4/21/92	6/02/92	Y
BLANDING LAUNCH AREA	TECOM	?		
DUGWAY PROVING GROUND	TECOM	4/21/92	6/15/92	
EL PASO SITE	TECOM	?		
GREEN RIVER TEST SITE	TECOM	?		
JEFFERSON PROVING GROUND	TECOM	4/21/92		
WHITE SANDS MISSILE RANGE	TECOM	?		
WIG MOUNTAIN AREA	TECOM	?		
YUMA PROVING GROUND	TECOM	4/21/92		

AMSDS-IN-E

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: DERPMIS Update Status for AMC Installations

1. Reference, letter from Harry Dutcher, CETHA-IR-P, 15 July 1992, Subject as above (encl).

2. Per reference, the DERPMIS Update Status is due to this office, ATTN: AMSDS-IN-E, by 31 July 1992. Thus, a POC is needed for those installations that have a question mark in the "Sent Date" column and updated reports are needed for those installations without a date in "Recvd Date" column.

3. Please submit the information which is pertinent to your installation.

4. Points of contact for this action are John Diamond and Matthew Lapinsky, DSN 570-9427.

Encl
as

DISTRIBUTION:
Cdr,
CCAD, ATTN: SDSCC-HEA
FWDA, ATTN: SDSTE-PU-CO
LBAD (Lexington Facility), ATTN: SDSLB-[illegible]
NADA, ATTN: AZXZ-AS
PUDA, ATTN: SDSTE-PU-EE
RRAD, ATTN: SDSRR-HE
SAAD, ATTN: SDSSA-EL-A
SEAD, ATTN: SDSSE-HE
UMDA, ATTN: SDSTE-UAI-EO

DEPARTMENT OF THE ARMY
HEADQUARTERS, U. S. ARMY DEPOT SYSTEM COMMAND
CHAMBERSBURG, PENNSYLVANIA 17201-4170

REPLY TO
ATTENTION OF

AMSDS-IN-E

10 APR 1992

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Fiscal Year (FY) 1992/1993 Installation Restoration Program Management Guidance

1. The enclosed document is forwarded for your review and comment.

2. This guidance supplements previous DOD Defense Environmental Restoration Program (DERP), management guidance forwarded via DESCOM memorandum, AMSDS-IN-E, 12 MAR 92, subject: Management Guidance for Execution of FY92/93 DERP.

3. Point of contact for this action is Mr. John Biernacki, DSN 570-9427 or comm (717) 267-9427.

FOR THE COMMANDER:

THOMAS M. SEKULA
Chief, Environmental
Management Division

Encl
as

DISTRIBUTION:
Cdr,
ANAD, ATTN: SDSAN-DEL-EM (Ron Glanti)
CCAD, ATTN: SDSCC-EF
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RRAD, ATTN: SDSRR-W (Lonnie Wright)
SAAD, ATTN: SDSSA-EL-4 (Dan O'Burn)
SEAD, ATTN: SDSSE-HE (Randy Battaglia)
SIAD, ATTN: SDSSI-ENV (Jim Ryan)
TOAD, ATTN: SDSTO-EM (Joe Maciejewski)
TEAD, ATTN: SDSTE-IRE (Larry Fisher)
NADA, ATTN: SDSTE-AZXA-AS-E (Cpt. John Morrow)
PUDA, ATTN: SDSTE-PU-IE (Curtis turner)
UMDA, ATTN: SDSTE-UAI-EO (Mark Daugherty)
FWDA, ATTN: SDSTE-FW-CO
SVDA, ATTN: SDSLE-VA (John Clarke)

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333 - 0001

Rec'd 3/13/92

REPLY TO ATTENTION OF

AMCEN-A (200-1a)

9 MAR 1992

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Fiscal Year (FY) 92/93 Installation Restoration Program (IRP) Management Guidance

1. Referenced Memorandum, HQDA ATTN: ENVR-EH, 28 Feb 92, SAB (enclosed).

2. The referenced memorandum is forwarded for your information and/or action. This guidance will supplement the DOD Defense Environmntal Restoration Program (DERP) Management Guidance forwarded via AMC Memorandum, AMCEN-A, 14 Jan 92, subject: DERP Management Guidance for FY 92/93.

3. The POC for IRP at this Command is Mr. Pete Cunanan, DSN 284-9273.

FOR THE COMMANDER:

Encl

ANDRES TALTS, P.E.
Chief, Environmental Quality Div.
Office of the Deputy Chief of Staff
for Engineering, Housing,
Environment, and Installation
Logistics

DISTRIBUTION:

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DESCOM, ATTN: AMSDS-IN-E, Chambersburg, PA 17201-4170
LABCOM, ATTN: AMSLC-RK-E, Adelphi, MD 20783-1145
MICOM, ATTN: AMSMI-EQ, Redstone Arsenal, AL 35898-5340
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DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
WASHINGTON D C 20310-2600

REPLY TO
ATTENTION OF

ENVR-EH (200-1c) 13 FEB 1992

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Fiscal Year (FY) 92/93 Installation Restoration Program (IRP) Management Guidance

1. Reference memorandum, DASD(E), 15 Nov 91, subject: Management Guidance for Execution of the FY 92/93 Defense Environmental Restoration Program (DERP).

2. The enclosed Management Guidance provides specific procedures for execution of the FY 92/93 Army Installation Restoration Program. This guidance has been prepared to supplement the Department of Defense's Management Guidance for Execution of the FY 92/93 Defense Environmental Restoration Program.

3. The Army Environmental Office point of contact is MAJ Timm, Comm (703) 693-5032 or DSN 223-5032.

FOR THE CHIEF OF ENGINEERS:

GARY JONES
DEPUTY ASSISTANT
CHIEF OF ENGINEERS

for JOHN F. SOBKE
Major General, USA
Assistant Chief of Engineers

Encl

DISTRIBUTION:
COMMANDER-IN-CHIEF, FORCES COMMAND, ATTN: FCEN-CED-E

COMMANDER,
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U.S. ARMY HEALTH SERVICES COMMAND, ATTN: HSCL-P
(CONT)

ENVR-EH (200-1c)
SUBJECT: Fiscal Year (FY) 92/93 Installation Restoration Program (IRP) Management Guidance

DISTRIBUTION: (CONT)
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U.S. ARMY TOXIC AND HAZARDOUS MATERIALS AGENCY, ATTN: CETHA-CO
U.S. ARMY ENVIRONMENTAL HYGIENE AGENCY, ATTN: HSHB-ME-S
U.S. ARMY CHEMICAL RESEARCH, DEVELOPMENT AND ENGINEERING CENTER, ATTN: SMCCR

SUPERINTENDENT, U.S. MILITARY ACADEMY, ATTN: MAEN-AE

CHIEF, NATIONAL GUARD BUREAU, ATTN: NGB-ARE

CF:
DASA (ESOH)
PROGRAM MANAGER, ROCKY MOUNTAIN ARSENAL, ATTN: AMXRM-PM

FISCAL YEAR 92/93
INSTALLATION RESTORATION PROGRAM (IRP)
MANAGEMENT GUIDANCE

1. Purpose: This document provides Fiscal Year (FY) 92/93 management guidance for the Army's Active Sites Installation Restoration Program (IRP). It is designed to supplement the Department of Defense (DoD) Management Guidance for Execution of the FY 92/93 Defense Environmental Restoration Program (DERP). This memorandum is not applicable to Base Realignment and Closure (BRAC) funding account projects except as noted.

2. Definitions:

a. Executing Agency: The organization having delegated functional responsibility for administering IRP activities for the site or installation, either through in-house efforts or by contract. The Executing Agency is normally either the U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) or a Corps of Engineers District, but, in some cases, may be the installation.

b. Pre-scoping: Those projects in the approved IRP Workplan where funding is authorized to determine the validity and extent of the actual work effort required.

c. Scoping: Those projects designated FY 92 SCOPING in the approved IRP Workplan which have been authorized for the executing agency to develop a Statement of Work (SOW) in anticipation of future contracting. Initiation of procurement actions is not authorized.

d. Subject to Availability of Funds (SAF): Those projects designated FY 92 SAF in the approved IRP Workplan which have been authorized for the Executing Agency to proceed with a procurement action, short of award, pending availability of funds. If not funded in FY 92, these projects will be given high priority for funding in the 1st Quarter of FY 93.

3. Procedures:

a. General:

(1) USATHAMA will develop the Annual IRP Workplan. USATHAMA will act as a technical support agency to the Army Environmental Office (AEO) in collecting, analyzing and reviewing data for inclusion into the Workplan. All projects identified in the Environmental Pollution Prevention, Abatement and Control Report, RCS DD-P&L(SA) 1383, better known as the "1383 Report",

REPRODUCED AT GOVERNMENT EXPENSE

which are eligible for DERP funding will be included in the Annual IRP Workplan based on the approved prioritization system. In order to facilitate review, the Annual IRP Workplan will be produced in two sections with sorts based on "Priority" and "Installation". The Annual IRP Workplan will reflect the current and next fiscal year funding requirements.

(2) USATHAMA will also prepare the Multi-Year IRP Workplan. The Multi-Year IRP Workplan will reflect prior, current and, as a minimum, the next five FYs funding requirements. It will reflect all installation requirements by general project status phases (i.e., Preliminary Assessment/Site Inspection (PA/SI), Remedial Investigation/Feasibility Study (RI/FS), Remedial Action (RA), etc.).

(3) Guidance in this document is applicable to both the Annual IRP Workplan and the Multi-Year IRP Workplan, except where noted.

(4) In order to simplify IRP Workplan development, undefined requirements will be reflected in one line on the IRP Workplan. Examples are Project Scoping, PA/SI (if specific projects have not yet been identified), etc. Disbursements for all multi-project items which are not project line item specific will be reported quarterly during quarterly IRP Workplan In-Progress Review (IPR) meetings.

b. IRP Workplan Development:

(1) The basis for the IRP Workplan will be the Environmental Pollution Prevention, Abatement and Control Report, RCS DD-P&L(SA) 1383. Installations are responsible for submitting through their Major Commands (MACOM) all environmental requirements in the 1383 Report. With respect to projects which are DERA eligible, the input to the installation's 1383 Report should be based on the Installation Project Plan. USATHAMA will ensure that all input from the installation DERA 1383 Report requirements are further verified and accounted for in the IRP Workplan. In the case of an apparent discrepancy, USATHAMA will seek verification on questionable projects, funding levels or priorities. Obvious errors will be flagged and expeditiously returned by USATHAMA to the originator, with a copy furnished to the appropriate MACOM for verification or correction. All corrections will be returned to USATHAMA through the MACOM within 2 weeks.

(2) In the development of the IRP Workplan, USATHAMA will incorporate the MACOM's priorities within the Army Priority List categories.

(a) All new project requirements will be submitted through the MACOM Chain of Command from the installation.

(b) The MACOM will verify subordinate installation input. Within the various Army Priority List categories (Appendix I), the MACOMs will establish internal category priorities. For example, MACOMs will prioritize all similar requirements in their command with the same priority code (i.e., "c - Underground Storage Tank (UST) removal").

(3) The IRP Workplan is a "living document". USATHAMA will host quarterly IPRs for the purpose of updating the IRP Workplan. All obligations for the FY to date will be identified and subsequently will be reflected on IRP Workplan revisions. MACOMs and Executing Agencies will forecast all requirements through all life cycle phases (i.e., PA/SI, RI/FS, RA, etc.) of the project. This will include both known and anticipated requirements for that project. In those cases where little information is known about the project, USATHAMA will predict life cycle future requirements based on statistical analysis or cost prediction tools, such as the Environmental Protection Agency's (EPA) Cost Of Remedial Action (CORA) model. These forecasted requirements must also be reflected by installations/MACOMs in the 1383 Report.

(4) Projects at Base Realignment and Closure sites which are DERA eligible will be included in the IRP Workplan. Sites to be excessed will be placed in the IRP Workplan at their Army Priority List priority. Base Closure sites that are expected to be funded via special Base Closure accounts will be included in the IRP Workplan, since they represent viable requirements. The Base Closure sites will only be funded by DERA if there is no specific Congressional appropriation for those activities.

(5) USATHAMA will provide a copy of the initial draft Annual IRP Workplan to each MACOM for concurrence when it is submitted to AEO for approval. It is the responsibility of the MACOMs to notify AEO of any nonconcurrence. Subsequent quarterly editions of the IRP Workplan will be coordinated with the MACOMs during quarterly IRP Workplan IPR meetings.

(6) Each quarter, USATHAMA will submit the coordinated draft IRP Workplan to AEO for the Assistant Chief of Engineer's (ACE's) approval and Deputy Assistant Secretary of the Army (Environment, Safety and Occupational Health) (DASA(ESOH)) concurrence.

c. IRP Workplan Priorities:

(1) Projects will be prioritized based on the "worst first" logic. In general the following sequence will be used: Rocky Mountain Arsenal; cost of doing business; prior program legal or regulatory commitments; projects with off-post or health threats; National Priorities List (NPL) sites with a formal regulatory agreement; projects where there is a high potential

for health or environmental threats; NPL sites without a formal regulatory agreement; other sites. The currently approved Army Priority List is at Appendix I.

(2) Normally only those projects with a DoD Category 1 or scheduled to become Category 1 during the current FY, will be funded prior to Category 2 or 3 projects.

(3) Building Demolition/Debris Removal (BD/DR) projects will not generally be authorized for DERA funding. If BD/DR is required in conjunction with contamination source removal, funding may be authorized by the DASA(ESOH) on case by case requests through the MACOMs to AEO.

(4) The Multi-Year Workplan will be published based on summary installation requirements. The data base for the Multi-Year Workplan used for the President's Budget submission generally will be based on current year priorities.

d. IRP Workplan Changes:

(1) Only MACOMs can request Army or DoD category priority classification changes. Requests for these changes are submitted through USATHAMA to AEO for approval. If the Executing Agency has reason to suspect that a project priority is incorrect, they should coordinate with the installation to initiate the change.

(2) Changes to funding level requirements will be coordinated with the installation and the MACOM and forwarded to the appropriate Approval Authority as outlined in paragraph 3.e. below.

(3) Emergency changes can be submitted to the Approval Authority by telephone or facsimile machine following coordination with the MACOM and installation, with formal paperwork to follow, to include 1383 Report changes. If the change represents a new project, the installation will submit the 1383 Report update as soon as possible. If the proposed change represents only a funding change, the 1383 Report will be updated during the next scheduled 1383 Report submission cycle.

e. Approval Level:

(1) The ACE will approve with DASA(ESOH) concurrence:

(a) The IRP Workplans and all major revisions.

(b) Individual Project changes to the IRP Workplan which exceed $200,000.

(c) MACOM requests for Army or DoD category priority classification changes.

(d) SAF fund release late in the third quarter of FY 92.

(2) Requests for changes to the IRP Workplan exceeding $200,000 and Army or DoD priority classification changes will be routed through USATHAMA to AEO for ACE approval.

(3) USATHAMA and US Army Corps of Engineers, Military Programs Directorate (CEMP) are authorized to approve all changes to the IRP Workplan within their Annual Funding Program which do not exceed $200,000. MACOM concurrence is required for these changes. All projects which are changed must be in the funded zone of the currently approved IRP Workplan.

f. IRP Workplan/Budget Staffing Schedule:

(1) The FY 92 IRP Workplan contains the FY 92 and FY 93 projects. It serves as a rough draft for the FY 93 IRP Workplan with the principal exception being that priorities are based on FY 92.

(a) The Spring 1383 Report is anticipated to have a suspense date to USATHAMA of 1 Apr 92. (The specific suspense date will be provided in a separate memorandum on 1383 Report Guidance.) USATHAMA will prepare and print the initial draft FY 93 IRP Workplan based on the Spring 1383 submission. The initial draft FY 93 IRP Workplan will be coordinated with the MACOMs at the 3Q FY 92 IRP Workplan IPR.

(b) USATHAMA will submit the coordinated final draft FY 93 IRP Workplan to AEO for approval by 15 Jul 92.

(c) AEO will obtain ACE approval and DASA(ESOH) concurrence by 3 Aug 92.

(d) Based on year end changes to the FY 92 IRP Workplan or possible funding level changes, the Approved FY 93 IRP Workplan will have minor adjustments made approximately during the second week in Oct 92.

(2) The Multi-Year IRP Workplan will be revised and printed after the Fall 1383 Report submission.

g. Executing Agency:

(1) The Executing Agency functions as a technical consultant to the Installation Commander and assures viable projects agree with the IRP Management Guidance issued by the Deputy Assistant Secretary of Defense (Environment).

(a) In coordination with installation environmental personnel, the Executing Agency develops the IRP Project Plan which outlines the multi-year program course of action along with the schedule and funding levels which will meet the requirements of the Installation Commander. The Executing Agency will provide the installation with necessary information to develop out-year funding requirements for multi-year projects based on Installation Project Plans and subsequent changes. These funding requirements will be the basis for the installation's DERA 1383 Report submission. Installation IRP Project Plans will be approved by the MACOM and forwarded to AEO for information.

(b) The Executing Agency is responsible for notifying the installation of on-going project funding change requirements and changes due to executability. This also includes the identification to installations of the potential for Military Construction, Army (MCA); Other Procurement, Army (OPA); or any other non-Operations & Maintenance, Army (OMA) funding requirements. The installation is responsible for the Work Classification.

(2) The Executing Agency will generally prioritize work efforts to reflect the IRP Workplan priority sequence. The Executing Agency will expend DERA funds only on authorized IRP Workplan projects in the approved funded zone of the IRP Workplan.

h. SAF Sequencing Guidelines:

(1) The terms pre-scoping and scoping as they relate to this document and the IRP Workplan refer specifically to preparing a SOW for any phase of the IR project process. Although somewhat similar, they should not be confused with the term in various EPA documents as "RI/FS scoping", which implies identification of the RI/FS study area.

(2) Pre-scoping: The approved IRP Workplan will include a line item for pre-scoping projects. The potential Executing Agency will use the minimum funds necessary to verify the project. Normally projects requiring pre-scoping will be identified and worked in the 4Q of the current FY, with any carry-over completed in the 1Q of the next FY.

(3) Scoping projects: Work is authorized for SOW preparation only. The Executing Agency will develop a schedule for the start date and late start date for release of funds for procurement activity on Scoping projects. Projects identified and approved for scoping in the IRP Workplan will have SOWs prepared on a low priority and as needed basis.

(4) CEMP will report to AEO quarterly with an information copy to USATHAMA, the expenditure of scoping and pre-scoping funds by specific line item and provide the status of estimated completion date of when the project will be available to be moved into the next stage.

(5) ACE approval is required before offering any project identified for SOW preparation to procurement (or formerly identifying it as SAF).

(6) SAF projects will be coordinated during the IRP Workplan IPR. SAF projects will normally only be funded in 4Q of the FY; however, a limited number may be funded in 3Q. SAF projects from the previous year must be awarded in 1Q. If they can not be awarded in the 1Q, the project will revert to its normal priority and no further scoping work will be authorized unless the project is re-designated as a "Scoping" project.

i. Obligation Plans for the IRP will be developed based on the coordinated draft IRP Workplan. All efforts will be made to schedule contract awards for the middle month in a quarter. The following Army IRP obligation targets will be used as a basis for Obligation Plans:

(1) 1Q - 20%
(2) 2Q - 63%
(3) 3Q - 95%
(4) 4Q - 100%

j. Defense Priority Model (DPM) Scores:

(1) DoD has developed the DPM to assist in identifying priorities for remedial action. The DPM is applied after the RI/FS process. DPM scores are required for all remedial design/action projects in the annual IRP Workplan, but not the Multi-Year IRP Workplan. Remedial design/remedial action projects will not be funded without a DPM score. Removal actions with sufficient information can be scored by DPM, thereby increasing the likelihood for funding. DPM scores will be included in the narrative portion of 1383 Report submittals.

(2) Although MACOMs are responsible for ensuring that all remedial design/action projects are scored, the Executing Agency normally performs the actual scoring. MACOMs will identify project managers (normally from the Executing Agency) responsible for developing data input and scoring for DPM and provide this information to USATHAMA no later than 1 Jun 92 for projects in the FY 93 IRP Workplan.

(3) USATHAMA will consolidate and screen scores and place them in the Defense Environmental Restoration Program Management Information System (DERPMIS).

k. Other than OMA Funding:

(1) DERA funding requirements for other than OMA funding in FY 93 will be identified to USATHAMA no later than 1 Jun 92.

(2) MACOMs will ensure that subordinate installations perform Work Classification on IRP projects in accordance with the U.S. Army Engineering and Housing Support Center Technical Note Number 420-10-2, dated 2 Apr 90, subject: Work Classification for Defense Environmental Restoration Program (DERP). The Installation Environmental Office and the Directorate of Engineering and Housing, in conjunction with the Executing Agency will ensure that proper work classification has taken place. If an IRP project is classified as military construction (MILCON) the project should be programmed and budgeted for in the normal MCA account. In those cases where use of normal MCA procedures will result in a substantial danger to public health, welfare or the environment, the project may be proposed for DERA funding. DoD must approve all requests for DERA MCA funding. Normally DERA MCA will not be considered for out-year requests.

(3) MACOMs will ensure that subordinate installations notify the ACE through the chain of command of all OPA or Research and Development (R&D) funding requirements as soon as they are identified. These projects must be accompanied by an economic analysis showing a cost savings if implemented.

l. Litigation/Potentially Responsible Party (PRP) funding:

(1) DERA funding can be used for litigation and PRP expenses. All litigation/PRP requests will be submitted through legal channels to The Judge Advocate General (TJAG) for approval. If approved by TJAG, USATHAMA, who maintains the fund, will be directed to distribute funding.

(2) TJAG will provide AEO with a litigation/PRP forecast by 1 Jun 92 for FY 93. This forecast will reflect actual known requirements, and estimates based on experience.

(3) TJAG will provide the updated entry for the 1383 Report and will provide litigation/PRP IRP Workplan changes quarterly. Potential changes which exceed the approved IRP Workplan funding level will be identified to AEO as soon as possible.

m. Fines or other monetary penalties imposed by regulatory agencies are not eligible for DERA funding.

n. Contracting:

(1) Using Non-DoD Contracting Services. All contracts with non-DoD organizations to accomplish work using DERA funds must comply with legal and regulatory contracting requirements. All Military Interdepartmental Procurement requests (MIPR) to non-DoD agencies and related interagency agreements must be approved in writing by an Army contracting officer, must cite the authority used, and must be reviewed by legal counsel.

(2) The Economy Act (31 USC 1535).

(a) If the Economy Act is the authority for using non-DoD services the Army contracting officer must make the determination required by Federal Acquisition Regulation (FAR) 17.501, and Defense Federal Acquisition Supplement (DFARS) 217.502. This act requires that the head of a Federal agency placing orders to another Federal agency must determine that the order is in the best interest of the government, and that the ordered services cannot be provided by commercial contract as conveniently or cheaply. Contracting officers at MACOM and installation levels have the authority to make Economy Act determinations and findings.

(b) DERA program managers must ensure all decisions to use non-DoD agents are documented with the appropriate determination and findings required by FAR/DFARS and Army regulations. The Army contracting officer must certify on the MIPR (DD Form 448) as to the Economy Act determinations and findings, and ensure that the MIPR is reviewed and annotated by legal counsel. MIPRs are not authorized for dispatch without being approved and annotated in this manner. Officials certifying the availability of DERA funds to be transferred to non-DoD agencies are responsible for ensuring compliance with this requirement.

(3) The Competition in Contracting Act. (CICA) (P.L. 98-369) This act, as implemented in various statutes and the FAR/DFARS, states that agencies may not use Economy Act authority to circumvent the requirement for full and open competition in contracting; and further requires the use of full and open competition procedures by the contracting officer in the contracting agency (agency receiving the MIPR), or alternatively, preparation and approval of a justification for use of other than full and open competition. If restricted competition is requested by the sending agency (or if the receiving agency requests), the sending agency must provide certified documentation to support their requirement. Army DERA program managers must ensure these requirements are met prior to using non-DoD services.

(4) Cost Certification/Validation. Expenditures for Army DERA projects managed by other Federal agencies must be adequately controlled to verify the validity of costs billed to the Army. Procedures must include, but are not limited to the following:

- Agreements with other Federal agencies must provide for periodic progress reports for each project from the provider to the Army DERA program manager.

- Progress report must accompany all billings (e.g. SF 1080). Differences between the progress report and the billing must be explained.

- Finance and accounting office must obtain Army DERA program manager validation/certification for billings. Bills must be paid in accordance with the Prompt Payment Act.

- Agreements with other Federal agencies must stipulate procedures for resolving discrepancies between billings and progress reports.

(5) Management Control and Oversight. Agreements to use non-DoD sources for DERA work must ensure that Army DERA program managers maintain oversight of contractor activity and access to project quality control data. The terms and conditions of the statement of work must include specific procedures to afford management oversight by Army program managers. The statement of work should include the following:

- Designation of Army project manager with provisions for oversight authority over contractor activity and access to contractor performance data.

- Specific limitations on the use of DERA funds.

- Complete, unambiguous description of services required.

- Clearly defined delivery schedule.

- Provisions to return unobligated/unexpended funds to the Army.

- Provisions related to:

-- acceptance/rejection of work performed;

-- authority to issue change orders and procedures for their definitization;

-- maintenance of cost records and cost and performance reporting;

-- dispute resolution between Army and contracting office;

-- procedures for correcting unsatisfactory performance;

--technical/management progress reports to ensure early identification of problems.

4. Appendix:

I. Priority List
II. FY 1992/1993 DoD DERP Management Guidance

PRIORITY SORT DEFINITIONS Date: 30 Jul 91

PS CODE PROJECT

A 1. PM RMA

2. Cost of Doing Business

B a. Mgmt & Salaries

This category includes salaries, travel, supplies, MACOM program management, TJAG support, and any other mission-funding costs.

C b. Supervision & Administration (prior year)

This category is exclusively for S&A on projects funded in previous fiscal years. The supporting Corps of Engineers component should supply the requirement to the installation. S&A should be based on projected yearly billing and should not exceed approximately 8% of the total contract. Current year S&A is listed with project priority.

D c. Program Support

This category includes funding for:

- technical support (e.g., total program data management, analytical certification and methods development and technical information repository).
- public involvement
- ADP equipment procurement
- mission-essential training (OSHA or other mandated training).
- advance funding for scope preparation for specific projects in the work plan designated as FYXX SCOPING for the current fiscal year. These projects are authorized only for immediate scope preparation and should not be submitted for procurement unless given direction to do so by the ACE. Projects that are authorized by the ACE for submittal to procurement are designated FYXX SAF. These projects will either be late 4th quarter awards or be given the designation of "I" for the following fiscal year, and become 1st quarter awards in that year.
- AEHA support

Appendix I

PS CODE PROJECT

- EOD/Tech Escort Unit Support, surety screening (prior year projects). Current year projects are listed at the project's priority level.

E d. RDTE/HAZMIN

This category is to provide for the minimum essential level of funding for RDTE and HAZMIN.

3. Commitments

I a. SAF (prior year)

Category "I" includes those projects from the previous fiscal year which were designated SAF and remained unfunded. These projects must be awarded in the 1st quarter otherwise they revert to priority based on their merit.

J b. Incrementally Funded Projects

This category is for large projects which have been previously contracted for, but are by necessity funded incrementally over several fiscal years. This includes legitimate cost overruns from a previous year that may be funded with current year money. This category is not intended to be used for follow-on work in either options contracts or indefinite delivery order contracts.

L c. MOUs, MOAs, FFAs and IAGs

This category is for agreements made at the DA level between the Army and any outside organization (e.g., ATSDR, DOE). This does not include DSMOA's. This category also includes the payment of oversight costs where an IAG has been signed at the DA level and no DSMOA is in effect.

PRIORITY SORT DEFINITIONS Date: 30 Jul 91

PS CODE	PROJECT	
M	d.	Remedial Action Operations Funding for long-term RAOPS. Use of this category is not to exceed 10 years per each remedial action, after which RAOPS are to be installation-funded. This category includes monitoring in support of a DA-approved ROD or decision document. This also includes 5-year relooks.
N	e.	Litigation/PRP Settlements Payments by the Army to other parties due to legal actions.
O	4a.	Off Post Contamination This category is meant to provide funding for those cases where off-post contamination is confirmed and immediate relief is needed. This category will usually be applied to projects that remove or reduce the threat to human health (e.g., alternate water supply, source removal, UXO clearance).
P	4b.	Threat to Environment This category will only be used by DASA (IL&E) in situations where the environment is threatened by continuing releases.
Q	5a.	NPL Sites with ROD
R	5b.	NPL Sites with regulator approved Schedules for IAG's signed at the DA level. These projects must be necessary for the completion of IAG requirements. This should not be used for discretionary projects within the IAG framework.
S	6.	Proposed NPL Sites with IAG schedules/NPL Sites with IAG but no regulator approved schedule.
T	7.	Corrective Action Permit with NOV This category is to be used where Corrective Action requirements exist and an NOV has been received.

PRIORITY SORT DEFINITIONS Date: 30 Jul 91

PS CODE	PROJECT
U	8. High Potential for Off-Post Contamination This category should be used when contamination has been confirmed at or in close proximity to the installation boundary, and has a high potential to have migrated off post. This is for the off post investigation/cleanup and for the specific site or sites suspected of causing the contamination at the boundary.
V	9. NPL Sites with no IAG
W	10. Non-NPL Sites on NPL Installations with IAGs For installations that have an NPL site and IAG, this category should be used for any portions which are not specifically part of the NPL listing.
	11. Corrective Actions at Installations with Regulator Issued Corrective Action Permits
a	a. Demil Installations This category is for all Corrective Action requirements and other DERA-eligible compliance projects.
b	b. Other Installations
c	12. UST Removals
d	13. a. Non-NPL Sites on NPL Installations without IAG or Proposed NPL Installations without IAG and b. DERA eligible solid waste management units (at installations w/o corrective action permit issued). This category is for all Corrective Action requirements and other DERA-eligible compliance projects.

PRIORITY SORT DEFINITIONS Date: 30 Jul 91

PS CODE	PROJECT
f	14. Continuity Projects - Normal Progression This category refers to installations or sites where previous work has been done and information is available which justifies further progression. The normal IRP progression of PA/SI, RI/FS, RD/RA, and monitoring is followed.
g	15. Building Demolition/Debris Removal.
h	16. Remainder of RDTE
i	17. Excessing and Base Closure
	18. HAZMIN (lower priority)
q	a. Cat 2
r	b. Cat 3
s	19. Remainder of Funding - this category will include any differences between actual funding and the RCS-1383 requirements level.
t	20. No Current Funding Required.

DEPARTMENT OF THE ARMY
HEADQUARTERS, U. S. ARMY DEPOT SYSTEM COMMAND
CHAMBERSBURG, PENNSYLVANIA 17201-4170

REPLY TO
ATTENTION OF

29 JUN 1992

AMSDS-IN-E

MEMORANDUM FOR Commander, U.S Army Materiel Command,
ATTN: AMCEN-A (Mr. Pete Cunanan) 5001
Eisenhower Avenue, Alexandria, VA 22333-0001

SUBJECT: Defense Environmental Restoration Program - Site Validation and Installation Action Plans

1. The enclosed Seneca Army Depot action plan and Sierra Army Depot site matrix and action plan are forwarded for your review and comment.

2. This document provides the required planning emphasizes remedial action per action plan requirements.

3. The point of contact for this action is John V. Biernacki, DSN 570-9427.

FOR THE COMMANDER:

THOMAS M. SEKULA
Chief, Environmental
Management Division

Encl
as

CF:
Cdr,
SEAD, ATTN: SDSSE-HE (Randy Battaglia)
SIAD, ATTN: SDSSI-ENV (Jim Ryan)

(87)

DEPARTMENT OF THE ARMY
SIERRA army DEPOT
HERLONG, CALIFORNIA

REPLY TO
ATTENTION OF:

SDSSI-ENV (200-1a)

MEMORANDUM FOR Commander, U.S. Army Depot System Command,
ATTN: AMSDS-IN-E (Mr. Biernacki), Chambersburg,
PA 17201-4170

SUBJECT: Installation Restoration Sites Spreadsheet and Accompanying Sites Action Plan

1. Three copies of the current finalized spreadsheet chart identifying the Sierra Army Depot (SIAD) Installation Restoration Program sites are enclosed.

2. Input from U.S. Army Toxic and Hazardous Materials Agency and your faxed comments have resulted in changes to the draft action plan and the spreadsheet chart.

3. The specific question regarding expenditure of the additional funds ($243M), if received, is now addressed in the action plan. The program status of SIAD after the use of the additional funds is projected.

4. The points of contact are Mr. James M. Ryan or Mr. Robert Weis at (916) 827-4769.

FOR THE COMMANDER:

Encl

A. G. RIESS
Director of Engineering
and Housing

DEPARTMENT OF THE ARMY
SIERRA ARMY DEPOT
HERLONG, CALIFORNIA

REPLY TO
ATTENTION OF:

SDSSI-EN (200-1a)

MEMORANDUM FOR Commander, U.S. Army Depot System Command,
ATTN: AMSDS-IN-E (Mr. Sekula), Chambersburg,
PA 17201-4170

SUBJECT: Sierra Army Depot (SIAD) Defense Environmental Restoration Program Sites Validation and Installation Action Plans

1. In 1979, Chemical Systems Laboratory was commissioned to study and report on the environmental impact of past and present practices at SIAD. The study team surveyed potential sites and reviewed documents prior to publishing Report Number 149, "An Installation Assessment of Sierra Army Depot." The report identified 34 potentially contaminated sites. Since the report data did not indicate contaminant migration, no additional surveys were recommended by the U.S. Army Toxic and Hazardous Material Agency (USATHAMA).

a. At USATHAMA's direction, a follow-up reassessment survey of SIAD's 34 sites was conducted by Environmental Sciences and Engineering, Inc., 14-18 March, 1983. After the data was evaluated, a Report Number 149R, "Reassessment of Sierra Army Depot, Herlong, California" was published in September 1983. The report reevaluated the 34 sites and one additional site for potential contaminant migration. Seven of these areas were identified as having the potential for contaminant migration. However, specific investigations of the original 34 sites indicated 30 of the 34 sites showed little or no chance of contaminate migration. The report concluded that no contaminates had migrated from SIAD property, that USATHAMA not be required to survey at this time, and that the U.S. Army Environmental Hygiene Agency (USAEHA) should conduct a limited sampling and analysis program.

b. On 9 September, 1988, a Remedial Action Order (RAO) from the State of California Department of Health Services (DOHS), Toxic Substances Control Division was issued against SIAD. The requirements of the RAO initiated the production of the "Master Environmental Plan for the Sierra Army Depot" (MEP). The MEP, published October 1988, identified 22 potentially contaminated sites. Further response to the RAO resulted in a Federal Facility Site Remediation Agreement (Agreement) between SIAD and the State of California DOHS and the Regional Water Quality Control Board. Therefore, all remediation activity is regulated and time [illegible] on the Agreement.

SDSSI-ENV
SUBJECT: SIAD Defense Environmental Restoration Program Sites Validation and Installation Action Plan

2. The 22 potentially contaminated MEP sites and one newly identified site are listed below with the associated site contaminant tests selected based on historical data:

a. SITES	TESTS for CONTAMINANTS of CONCERN
(1) TNT leaching beds	explosives, purgeable organics metals, TCL metals, macroparameters
(2) DRMO trench	metals, purgeable organics, TCL metals, extractable organics, chlorinated hydrocarbons
(3) Abandoned landfill	organic priority pollutants, TCL metals, macroparameters purgeable pollutants, priority pollutants
(4) Construction debris landfill	unknown drums, TCL metals organics priority pollutants, macroparameters
(5) Chemical burial site	see construction debris site contaminant test list
(6) Honey Lake	UXO, TCL metals, nitrate, nitrite, macroparameters
(7) Existing fire-fighting training facility	metals (lead), pH, PCB's, purgeable organics, oil & grease, extractable organics, macroparameters, TCL metals
(8) Existing sanitary landfill	pesticides, PCB's, metals, purgeable & extractable organics, macroparameters
(9) Ammunition demilitarization and renovation area	TCL metals, explosives, purgeable organics, macroparameters
(10) Upper Burning Ground Hansen's Hole	UXO, metal, TCL metals, copper, explosives, all priority pollutants, macroparameters

(11) Diesel Spill Area	oil, purgeable organics, TCL metals, macroparameters
(12) Building 1003 area	TPH, benzene, toluene, xylene, lead, copper, purgeable organics, TCL metals, macroparameters
(13) Old fire-fighting training facility	purgeable organics, lead, TPH, macroparameters
(14) Building 210 area	metals (lead, chromium,copper, arsenic, cadmium), organic solvents, phthalates, purgeable organics, TCL metals chlorinated hydrocarbons
(15) Large sewage treatment ponds	nitrate, nitrite, TCL metals, organic priority pollutants, copper, macroparameters
(16) Lower burning grounds	explosives, UXO, TCL metals, all priority pollutants, macroparameters
(17) Nike missile fuel disposal site A	nitrate, nitrite, purgeable organics, macroparameters
(18) Nike missile fuel disposal site B	nitrate, nitrite, purgeable organics, macroparameters
(19) Toxic storage area at building 578	cyanide, all priority pollutants

(20)	1960 demolition area	UXO, explosives, metal, tear gas, TCL metals, nitrate, nitrite, macroparameters, purgeable organics
(21)	Existing popping furnace	now considered part of the TNT area
(22)	Old popping furnace	now considered part of the lower burning ground area clean metal scrap from area
(23)	The unidentified pit	TCL metals, TCL organics, explosives, macroparameters

b. Enclosure 1: CHEMICAL ANALYSIS CATEGORIES from the MEP APPENDIX B, list the chemicals of concern for the tests cited above.

3. The program at SIAD is regulated by the agreement; therefore, current program response actions are best covered in a time and site specific matrix, enclosure 2. This enclosure has specific data on the known contaminants of concern for the areas that have been tested.

Because Enclosure 2 is time specific to the Agreement regulatory schedule, milestones and estimated costs are included in the matrix.

4. Additional funding from a proposed pool of $243M would be spent to accelerate the Follow-on Group II activities. By accelerating Group II investigative work, approximately two-thirds of the SIAD identified Installation Restoration Sites would progress to the Feasibility Study and Proposed Action planning phase.

SDSSI-ENV
SUBJECT: SIAD Defense Environmental Restoration Program Sites Validation and Installation Action Plan

5. The points of contact are Mr. James M. Ryan or Mr. Robert Weis at (916) 827-4454.

FOR THE COMMANDER:

A. G. RIESS
Director of Engineering
and Housing

Encls

APPENDIX B:

CHEMICAL ANALYSIS CATEGORIES

Tables B.1-B.5 list the parameters in the chemical analysis categories used in this report.

TABLE B.1 Priority Pollutant Organic Compounds

Purgeable Organics

Acrolein
Acrylonitrile
Benzene
Toluene
Ethylbenzene
Carbon tetrachloride
Chlorobenzene
1,2-Dichloroethane
1,1,1-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethylene
1,1,2-Trichloroethane
1,1,2,2-Tetrachloroethane
Chloroethane
2-Chloroethyl vinyl ether
Chloroform
1,2-Dichloropropane
1,3-Dichloropropene
Methylene chloride
Methyl chloride
Methyl bromide
Bromoform
Dichlorobromomethane
Trichlorofluoromethane
Dichlorodifluoromethane
Chlorodibromomethane
Tetrachloroethylene
Trichloroethylene
Vinyl chloride
1,2-trans-Dichloroethylene
bis(Chloromethyl) ether

Base-Neutral Extractable Organics

1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Hexachloroethane
Hexachlorobutadiene
Hexachlorobenzene
1,2,4-Trichlorobenzene
bis(2-Chloroethoxy)methane
Naphthalene
2-Chloronaphthalene
Isophorone
Nitrobenzene
2,4-Dinitrotoluene
2,6-Dinitrotoluene
4-Bromophenyl phenyl ether
bis(2-Ethylhexyl) phthalate
Di-n-octyl phthalate
Dimethyl phthalate
Fluorene
Fluoranthene
Chrysene
Pyrene
Phenanthrene
Anthracene
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzo(a)pyrene
Indeno(1,2,3-c,d)pyrene
Dibenzo(a,h)anthracene
Benzo(g,h,i)perylene
4-Chlorophenyl phenyl ether
3,3'-Dichlorobenzidine
Benzidine
bis(2-Chloroethyl) ether
1,2-Diphenylhydrazine

TABLE B.1 (Cont'd)

Base-Neutral Extractable Organics (Cont'd)

Diethyl phthalate	Hexachlorocyclopentadiene
Di-n-butyl phthalate	N-Nitrosodiphenylamine
Acenaphthylene	N-Nitrosodimethylamine
Acenaphthene	N-Nitrosodi-n-propylamine
Butyl benzyl phthalate	bis(2-Chloroisopropyl) ether

Acid Extractable Organics

Phenol	p-Chloro-m-cresol
2-Nitrophenol	2-Chlorophenol
4-Nitrophenol	2,4-Dichlorophenol
2,4-Dinitrophenol	2,4,6-Trichlorophenol
4,6-Dinitro-o-cresol	2,4-Dimethylphenol
Pentachlorophenol	

Pesticides and Polychlorinated Biphenyls

α-Endosulfan	Heptachlor
β-Endosulfan	Heptachlor epoxide
Endosulfan sulfate	Chlordane
α-BHC	Toxaphene
β-BHC	Aroclor 1016[a]
δ-BHC	Aroclor 1221
λ-BHC	Aroclor 1232
Aldrin	Aroclor 1242
Dieldrin	Aroclor 1248
4,4'-DDE	Aroclor 1254
4,4'-DDD	Aroclor 1260
4,4'-DDT	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)
Endrin aldehyde	
Endrin	

Priority Pollutant Miscellaneous

Total cyanides	Asbestos (fibrous)
Total phenols	

[a]Aroclor nnnn and PCB nnnn are equivalent names for the same mixtures of PCBs.

Source: Keith and Telliard 1979.

DEPARTMENT OF THE ARMY
HUNTSVILLE DIVISION, CORPS OF ENGINEERS
P.O. BOX 1600
HUNTSVILLE, ALABAMA 35807-4301

REPLY TO
ATTENTION OF

CEHND-PM-EP

S: 7 May 1992
16 April 1992

MEMORANDUM FOR

Commander, Seneca Army Depot, ATTN: SDSSE-HE (Battaglia), Romulus, NY 14541
Commander, U.S. Army Materiel Command, ATTN: AMCEN-A (Merrill), 5001 Eisenhower Ave, Alexandria, VA 22333-0001
Commander, U.S. Army Depot Systems Command, ATTN: AMSDS-EN-FD (Biernacki), Chambersburg, PA 17201

SUBJECT: Submission of Draft Transition Plans for Army Installation Restoration (IR) Projects at Seneca Army Depot (SEAD), Romulus, NY

1. References:

a. Memorandum, CEMP-RT, 11 September 1991, subject: USACE Environmental Restoration Organizational Philosophy and Policy (17 Guiding Principles).

b. Final Draft, Hazardous, Toxic and Radioactive Waste (HTRW) Management Plan, Headquarters, U.S. Army Corps of Engineers, 26 October 1992.

2. The reference 1a memorandum directs that all hazardous and toxic waste investigations and design work be transferred to the HTRW Design District supporting the installation. The reference 1b draft final management plan specifies that ongoing projects in all programs will only be transferred from the present executing division/district to the local HTRW design district at appropriate transfer points, such as the conclusion of a phase of work. In addition reference 1b indicates that every effort should be made to make the transition as smooth and as soon as possible to avoid unnecessary delays and to ensure that decentralization does not impact on the installation's program goals for cleanup.

3. As a first step toward a smooth transition of HTRW work at SEAD from Huntsville Division (CEHND) to Baltimore District (CENAB), we have prepared a draft transition plan (Encl 1) covering all ongoing and anticipated work at SEAD. We request that you review the plan and provide comments by 7 May 1992. We

CEHND-PM-EP
SUBJECT: Submission of Draft Transition Plans for Army Installation Restoration (IR) Projects at Seneca Army Depot (SEAD), Romulus, NY

will also invite the CENAB, North Atlantic Division, and Headquarters US Army Corps of Engineers to provide comments. After all comments are received and if required, we will set up a meeting to discuss the comments and work through any concerns.

4. Point of contact for this division is CPT David Jones, Program Manager, at DSN 645-1514 or commercial 205-955-1514.

FOR THE COMMANDER:

Encl

LEO H. CARDEN, P.E.
Director of Programs and
Project Management

CF:
Commander, U.S. Army Corps of Engineers, ATTN: CEMP-RI (Davidson), 20 Massachusetts Avenue, NW, Washington, DC 20314-1000 (w/o Encl)
Commander, U.S. Army Engineer Division, North Atlantic, ATTN: CENAD-PP-PM (Pickett), 90 Church Street, New York, NY 10007-2979 (w/o Encl)
Commander, U.S. Army Engineer District, Baltimore, ATTN: CENAB-EN-HE (Strong), P.O. Box 1715, Baltimore, MD 21203-1715 (w/o Encl)
Commander, U.S. Engineer Division, Missouri River, ATTN: CEMRD-EP-E, P.O. Box 103 Downtown Station, Omaha, NE 68101-0103

CEHND-ED-CS 14 April 1992

DRAFT

TRANSITION PLAN

SENECA ARMY DEPOT

I. INTRODUCTION.

The Installation Restoration Program work being performed by Huntsville Division at Seneca Army Depot (SEAD) is scheduled to be transferred to the Corps of Engineers, Baltimore District, within the near future. This transition plan is meant to discuss the work presently ongoing at the Depot and our recommendations for project transitions.

The IR program at Seneca is presently being conducted according to the InterAgency Agreement (IAG) negotiated between SEAD, New York State and EPA Region II. Despite the fact that this agreement has not yet formally been signed by DA headquarters, Seneca has been required to abide by its provisions and has been successfully doing so for the better part of a year now. In addition to various technical and reporting requirements, the IAG has imposed time requirements on compliance.

Any transition of work will therefore carry with it the responsibility of complying with IAG requirements and meeting IAG schedules. Seneca Army Depot and Headquarters DESCOM have both expressed concern over the proposed transition and have requested that every effort be made to transition smoothly so as not to interrupt the momentum that has been established over the past several years. The plan presented herein will accomplish that purpose.

The plan is configured as follows:

- o project summaries
- o project fact sheets - project fact sheets are presented for each of the projects ongoing or planned at Seneca Army Depot. These sheets will provide the most detailed and up-to-date project information available.
- o schedules - schedules for an orderly transition are presented.
- o transition procedures

Groundwater Monitoring at All Sites - FY 92 SAF project to provide for groundwater monitoring well sampling and analysis program at all sites. Sampling and analysis will be performed according to EPA and NYSDEC sampling, analysis and reporting requirements. Award anticipated fourth quarter of FY 92, if funding becomes available. Huntsville Division will award and manage through the end of our involvement at the Ash Landfill and OB Ground sites. Afterward, CENAB will maintain responsibility.

III. PROJECT FACT SHEETS

SEAD-001

June 1991
Rev. 4, April 1992

ARMY IR FACT SHEET CHECKLIST

1. Installation Name: Seneca Army Depot - DESCOM
   Location: Romulus, Seneca County, New York
   Site Identification: SEAD-001
   Project Phase: Remedial Investigation at Open Burning Grounds, Phase I

2. Huntsville Division Project Engineer: Kevin Healy
   CEHND-ED-CS, 205-955-3281
   Installation Point of Contact: Randy Battaglia, SDSSE-HE, 607-869-1450
   CETHA Point of Contact: Eric Kauffman, 301-671-1542
   A-E: C.T. Main, Inc., Boston, MA; Mr. Duchesneau, 617-859-2492

3. Site Description: 30-acre open burning ground. Includes nine burn pads and surrounding area.

4. History: Previous investigations showed contamination with heavy metals and explosives. Contamination found in soils and groundwater. Site was one of three which instigated SEAD's inclusion on the NPL.

5. Major Contaminants: Explosives and heavy metals.

6. Mode of Cleanup: TBD

7. Current Status: Phase I RI Work Plan was approved in October 1991. Field work completed in January 1992. Expect presentation of the Draft-Final Preliminary Site Characterization Summary Report in May 1992

8. Issues and Concerns: Tight time schedule for completing review cycles and awarding Phase II contract.

9. Milestones:

Milestones:	Current	Actual
Preliminary-Draft, PSCSR	30 Mar 92	
Draft, PSCSR	8 Jun 92	
Draft-Final, PSCSR	17 Aug 92	
Final, PSCSR	26 Oct 92	

* Note: "Current" denotes schedule proposed in the original SOW. Actual will be based on agreements reached to expedite the entire schedule in order to assure that the Phase II contract will be awarded by the end of the third quarter assuming that it is likely funds for this currently SAF project suddenly become available. If not, follow-on work will be awarded by the beginning of the fourth quarter

10. Funds Data (active project):	TOTAL
a. CETHA FY92 PA	$ 50.0K
b. FY92 Funds received To Date	$ 43.8K

SEAD001A

October 1991
Revised: April 1992

ARMY IR FACT SHEET CHECKLIST

1. Installation Name: Seneca Army Depot - DESCOM
   Location: Romulus, Seneca County, New York
   Site Identification: SEAD-001(A)
   Project Phase: Remedial Investigation at Open Burning Grounds, Phase II

2. Huntsville Division Project Engineer: Kevin Healy
   CEHND-ED-CS, 205-955-3281
   Installation Point of Contact: Randy Battaglia, SDSSE-HE, 607-869-1450
   CETHA Point of Contact: Eric Kauffman, 301-671-1542
   A-E: C.T. Main, Inc., Boston, MA ; Mr. Duchesneau, 617-859-2492

3. Site Description: 30-acre open burning ground. Includes nine burn pads and surrounding area.

4. History: Previous investigations showed contamination with heavy metals and explosives. Contamination found in soils and groundwater. Site was one of three which instigated SEAD's inclusion on the NPL. Phase I RI field work completed in January 1992.

5. Major Contaminants: Explosives and heavy metals.

6. Mode of Cleanup: TBD

7. Current Status: Preliminary Site Characterization Summary Report (Draft-Final) is expected in May 1992. Phase II work (South Pit area and follow-on to Phase I, as required) is anticipated for late third quarter award, if funding is made available. Otherwise, award will be early fourth quarter.

8. Issues and Concerns: Tight schedule during review cycles considering the need to award Phase II by third quarter if funding suddenly becomes available.

9. Milestones: Current Actual

10. Funds Data (active project):	TOTAL
a. CETHA FY92 PA	$ 36K
b. FY91 Funds received To Date	$ 0K

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April 1991
Rev. 6, April 1992

ARMY IR FACT SHEET CHECKLIST

1. Installation Name: Seneca Army Depot - DESCOM
   Location: Romulus, Seneca County, New York
   Site Identification: SEAD-002
   Project Phase: Remedial Investigation at the Incinerator Ash Landfill Area, Phase I.

2. Huntsville Division Project Engineer: Kevin Healy, CEHND-ED-CS, 205-955-3281.
   Installation Point of Contact: Randy Battaglia, SDSSE-HE, 607-869-1450
   CETHA Point of Contact: Eric Kauffman, 301-671-1542
   A-E: C.T. Main, Inc., Boston, MA ; Mr. Duchesneau, 617-859-2492

3. Site Description: Former incinerator ash landfill. Suspected burial of solvents, greases, and oils. Approximately 40-acre site.

4. History: Previous investigations showed soil and groundwater contamination by volatile organics (mainly TCE) and metals. Potential off-post migration. One of three sites which instigated SEAD's inclusion on the NPL.

5. Major Contaminants: Metals and volatile organics.

6. Mode of Cleanup: TBD

7. Current Status: Phase I RI Work Plan was approved in October 1991. Field work completed in January 1992. Expect presentation of the Draft-Final Preliminary Site Characterization Summary Report in May 1992.

8. Issues and Concerns: Tight schedule involved with completing review cycles and awarding Phase II contract.

9. Milestones:

	Current	Actual
Preliminary-Draft, PSCSR	30 Mar 92	
Draft, PSCSR	8 Jun 92	
Draft-Final, PSCSR	17 Aug 92	
Final, PSCSR	26 Oct 92	

* Note: "Current" denotes schedule proposed in the original SOW. Actual will be based on agreements reached to expedite the entire schedule in order to assure that the Phase II contract will be awarded by the end of the third quarter assuming it is likely funds for this currently SAF project will suddenly become available. If not, follow-on work will be awarded by the beginning of the fourth quarter

10. Funds Data (active project):

		TOTAL
a.	CETHA FY 92 PA	$ 50.0K (S&A)
b.	FY92 Funds Received to Date	$ 43.8K (S&A)

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October 1991
Revised: April 1992

ARMY IR FACT SHEET CHECKLIST

1. Installation Name: Seneca Army Depot - DESCOM
Location: Romulus, Seneca County, New York
Site Identification: SEAD-002(A)
Project Phase: Remedial Investigation at the Incinerator Ash Landfill Area, Phase II.

2. Huntsville Division Project Engineer: Kevin Healy, CEHND-ED-CS, 205-955-3281.

Installation Point of Contact: Randy Battaglia, SDSSE-HE, 607-869-1450
CETHA Point of Contact: Eric Kauffman, 301-671-1542
A-E: C.T. Main, Inc., Boston, MA ; Mr. Duchesneau 617-859-2492

3. Site Description: Former incinerator ash landfill. Suspected burial of solvents, greases, and oils. Approximately 40-acre site.

4. History: Previous investigations showed soil and groundwater contamination by volatile organics (mainly TCE) and metals. Potential off-post migration. One of the three sites which instigated SEAD's inclusion on the NPL. Phase I RI field work completed in January 1992.

5. Major Contaminants: Metals, and volatile organics.

6. Mode of Cleanup: TBD

7. Current Status: Preliminary Site Characterization Summary Report is expected in May 1992. Phase II work (South Pit Area and follow-on to Phase I, as required) is anticipated for late third quarter award, if funding is made available.

8. Issues and Concerns: Tight schedule during review cycles considering the need to award Phase II by the third quarter if funding suddenly becomes available.

9. Milestones:

10. Funds Data (active project):

		TOTAL
a.	CETHA FY92 PA	$ 36K
b.	FY92 Funds received To Date	$ 0K

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ARMY IR FACT SHEET CHECKLIST

1. Installation Name: Seneca AD - DESCOM
   Location: Rolumus, Seneca County, New York
   Site Identification: SEAD-003
   Project Phase: SWMU Classification Study Report

2. Huntsville Division Project Engineer: Kevin Healy,
   CEHND-ED-CS, 205-955-3281
   CETHA Coordinator: Eric Kauffman
   Installation Point of Contact: Randy Battaglia,
   SDSSE-ME, 607-869-1450
   A-E or Contractor: ERC Environmental

3. Site Description: Multiple SWMUs.

4. History: As a result of confirmed contamination at both the Incinerator Ash Landfill and Open Burning Ground areas and presumed contamination at the Abandoned Deactivation Furnace, the EPA has included Seneca Army Depot on the NPL. As part of the overall CERCLA program at SEAD, NYSDEC required preparation of this study (analagous to a CERCLA PA) to identify "Areas of Concern" where the potential for contamination was serious enough to warrant additional Site and Remedial Investigations.

5. Major Contaminants: To be studied.

6. Mode of Cleamup: TBD.

7. Current Status: Draft-final SWMU report review comments received from the regulators. A-E has responded to all within-scope comments. Remainder are to be negotiated. Disagreements exist as to whether 67 of the 68 SWMU's require further study (EPA and NYSDEC contention). In the meantime, the first 26 "high priority" SWMU's, over which there is no disagreement, are being pursued under separate contracts.

8. Issues and Concerns: Contract completion to be delayed until resolution of regulatory comments. This could amount to a substantial amount of time considering the difference in opinions.

9. Milestones:	Current	Actual
Draft SWMU Report	14 Jan 91	14 Jan 91
Draft-final SWMU Report	21 Mar 91	21 Mar 91
Final SWMU Report	TBD	

10. Funds Data (active project):	TOTAL
a. CETHA FY92 PA	$ 50.0K (S&A)
b. Funds Received this FY	$ 43.8K (S&A)

SEAD-MUL

October 1991
Revised: April 1992

ARMY IR FACT SHEET CHECKLIST

1. Installation Name: Seneca Army Depot - DESCOM
Location: Romulus, Seneca County, New York
Site Identification: SEAD-MUL
Project Phase: Preparation of Work Plans for SWMU Site Investigations (11 SWMU Sites)

2. Huntsville Division Project Engineer: Kevin Healy
CEHND-ED-CS, 205-955-3281
Installation Point of Contact: Randy Battaglia, SDSSE-HE, 607-869-1450
CETHA Point of Contact: Eric Kauffman, 301-671-1542
A-E: C.T. Main, Inc., Boston, MA ; Mr. Duchesneau, 617-859-2492

3. Site Description: Multiple

4. History: Following SEAD's inclusion on the NPL, EPA and NYSDEC required preparation of a SWMU Classification Study (analagous to a CERCLA PA) to identify "Areas of Concern" where the potential for contamination is serious enough to warrant additional Site and Remedial Investigations. Following completion of the draft report (overall report is still in the regulatory review stages), 11 SWMU sites (the eight "high priority" and three of the "moderate priority" sites, according to the report conclusions) were determined to be serious enough by all concerned to warrant attention, immediately, while the remaining differences of opinion are being resolved.

5. Major Contaminants: Various

6. Mode of Cleanup: TBD

7. Current Status: Negotiations over disagreements are on-going; Draft Work Plan received in October and is nearing completion of the first round of revisions prior to being submitted to the regulators.

8. Issues and Concerns: Disagreements are tremendous... it could be awhile before they are ironed out.

9: Milestones: Current Actual

10. Funds Data (active project):	TOTAL
a. CETHA FY92 PA (S&A)	$ 20K
b. FY92 Funds received To Date	$ 0K
c. CETHA FY92 PA Contract (SAF)	$130K

SEADMUL(A)

October 1991
Revised: April 1992

ARMY IR FACT SHEET CHECKLIST

1. Installation Name: Seneca Army Depot - DESCOM
   Location: Romulus, Seneca County, New York
   Site Identification: SEAD-MUL (A)
   Project Phase: Preparation of Work Plans for SWMU Site Investigations (15 SWMU Sites)

2. Huntsville Division Project Engineer: Kevin Healy
   CEHND-ED-CS, 205-955-3281
   Installation Point of Contact: Randy Battaglia, SDSSE-HE, 607-869-1450
   CETHA Point of Contact: Eric Kauffman, 301-671-1542
   A-E: C.T. Main, Inc., Boston, MA ; Mr. Duchesneau, 617-859-2492

3. Site Description: Multiple

4. History: Following SEAD's inclusion on the NPL, EPA and NYSDEC required preparation of a SWMU Classification Study (analagous to a CERCLA PA) to identify "Areas of Concern" where the potential for contamination is serious enough to warrant additional Site and Remedial Investigations. Following completion of the draft report (overall report is still in the regulatory review stages), 11 SWMU sites were determined to be serious enough by all concerned to warrant attention, immediately. These eleven SWMU's are being addressed under another contract.

5. Major Contaminants: Various

6. Mode of Cleanup: TBD

7. Current Status: The fifteen SWMU's of interest here are in addition to the eleven discussed above, for which a Work Plan is presently being prepared. There is agreement that, at a minimum, these twenty six SWMU's will require additional investigation. The remaining 43 +/- SWMU's are presently under dispute as to the need for additional concern. Negotiations over disputed SWMU's are on-going.

8. Issues and Concerns: Disagreements are tremendous... it could be awhile before they are ironed out.

9. Milestones: Current Actual

10. Funds Data (active project):	TOTAL
a. CETHA FY92 PA (S&A)	$ 20K
b. FY92 Funds received To Date	$ 0K
c. CETHA FY92 PA Contract (SAF)	$130K

SEADMUL(B)

October 1991
Revised: April 1992

ARMY IR FACT SHEET CHECKLIST

1. Installation Name: Seneca Army Depot - DESCOM
Location: Romulus, Seneca County, New York
Site Identification: SEAD-MUL (B)
Project Phase: Performance of Site Investigations at Eleven SWMU Sites

2. Huntsville Division Project Engineer: Kevin Healy
CEHND-ED-CS, 205-955-3281
Installation Point of Contact: Randy Battaglia, SDSSE-HE, 607-869-1450
CETHA Point of Contact: Eric Kauffman, 301-671-1542
A-E: C.T. Main, Inc., Boston, MA ; Mr. Duchesneau, 617-859-2492

3. Site Description: Multiple

4. History: Following SEAD's inclusion on the NPL, EPA and NYSDEC required preparation of a SWMU Classification Study (analagous to a CERCLA PA) to identify "Areas of Concern" where the potential for contamination is serious enough to warrant additional Site and Remedial Investigations. Following completion of the draft report (overall report is still in the regulatory review stages), 11 SWMU sites were determined to be serious enough by all concerned to warrant attention, immediately. These eleven SWMU's are being investigated under this contract.

5. Major Contaminants: Various

6. Mode of Cleanup: TBD

7. Current Status: The Work Plan for these site investigations has recently been revised as per intra-DoD review comments. Regulatory review shall begin shortly. Initiation of field work is expected by fourth quarter following a late third quarter contract award, assuming this currently SAF project gets funding.

8. Issues and Concerns: Tight schedules and "expeditious" regulatory reviews usually don't mix.

9. Milestones: Current Actual

10. Funds Data (active project):	TOTAL
a. CETHA FY92 PA (S&A)	$ 36K
b. FY92 Funds received To Date	$ 0K
c. CETHA FY92 PA Contract (SAF)	$914K

SEAD-ALL

October 1991
Revised: April 1992

ARMY IR FACT SHEET CHECKLIST

1. Installation Name: Seneca Army Depot - DESCOM
   Location: Romulus, Seneca County, New York
   Site Identification: SEAD-ALL
   Project Phase: Groundwater Monitoring at All Sites

2. Huntsville Division Project Engineer: Kevin Healy
   CEHND-ED-CS, 205-955-3281
   Installation Point of Contact: Randy Battaglia, SDSSE-HE, 607-869-1450
   CETHA Point of Contact: Eric Kauffman, 301-671-1542
   A-E: C.T. Main, Inc., Boston, MA ; Mr. Duchesneau, 617-859-2492

3. Site Description: Multiple

4. History: Considering the number of groundwater monitoring wells at SEAD (existing as a result of past SI's and future SI's and RI's), there is a need to provide a vehicle by which data can be collected and coordinated.

5. Major Contaminants: Various

6. Mode of Cleanup: TBD

7. Current Status: Awaiting funding... is currently SAF

8. Issues and Concerns:

9. Milestones: Current Actual

10. Funds Data (active project): TOTAL

a.	CETHA FY92 PA (S&A)	$ 24K
b.	FY92 Funds received To Date	$ 0K
c.	CETHA FY92 PA Contract (SAF)	$276K

IV. TRANSITION SCHEDULES

ASH LANDFILL AND OB GROUNDS REMEDIAL INVESTIGATIONS

OB Grounds Remedial Investigation - Phase I

Completion of Field Work	: Mid-January 1992
Submission of PSCS Reports	: Mid-March 1992
Regulatory Review Comments	: Mid-May 1992
Revisions to PSCS Reports	: Mid-July 1992
Phase I Transitions	: Not Applicable

Ash Landfill Remedial Investigation - Phase I

Approximately Concurrent with the OB Grounds Phase I schedule

OB Grounds Remedial Investigation - Phase II

SOW Preparation and Awards	: June 1992
Work Plan Addenda Prep	: July-September 1992
Field Work	: October-December 1992
RI Report Prep	: February-March 1993
RI Report Review (Draft thru Final)	: April-October 1993
FS Preparation	: April-October 1993
RI Report Revision	: November-December 1993
FS Review (Draft thru Final)	: November 1993-May 1994
FS Revision	: June-July 1994
ROD Preparation	: June-August 1994
ROD Signing	: September-October 1994

Ash Landfill Remedial Investigation - Phase II

Approximately concurrent with the OB Grounds Phase I RI schedule

CENAB is included as part of the FS review team and will assume project responsibility following the signing of the ROD's which is projected to occur in September to October 1994.

HIGH PRIORITY AOC'S (INITIAL ELEVEN SWMU'S)

Work Plan Preparation

Draft Submitted to Regulators	: February-March 1992
Regulatory Comments	: May 1992
Draft-Final WP Submitted	: July 1992
WP Approval	: September 1992

Investigations

Contract Award	: June 1992
Field Work	: September-December 1992
SI Report Preparation	: January-March 1993
SI Report Review	: April-July 1993

Huntsville Division will manage through the completion of the SI reports. It is possible that the SI's at these eleven will require at least a few RI's, in which case CENAB would likely take over further investigations at these sites in late 1993.

MEDIUM AND LOW PRIORITY AOC'S (SECOND FIFTEEN SWMU'S)

Work Plan Preparation

Contract Award	: July 1992
Work Plan Preparation (all Phases)	: July 1992-Mar 1993
Work Plan Approval	: May 1993

Contract award is dependent upon the availability of funding. Huntsville Division will manage through the completion of the Work Plan. CENAB will award and manage the actual investigation.

GROUNDWATER MONITORING AT ALL SITES

General

Contract Award	: July 1992

Contract award is dependent upon the availability of funding. Contract is for the sampling and analysis of groundwater wells for all of SEAD. Monitoring will be done on a quarterly basis and in compliance with EPA and NYSDEC monitoring and reporting requirements. Contract will be awarded and managed by Huntsville Division. As the Corps takes more responsibility for all work being done at SEAD, this contract will be transferred as well.

PROPOSED SCHEDULE FOR ARMY IR PROJECT TRANSITIONS

Project Description	Transition Date	Transition Point
Incinerator Ash Landfill RI; Phase I	N/A	N/A
Incinerator Ash Landfill RI; Phase II	Late '94	ROD
OB Grounds RI; Phase I	N/A	N/A
OB Grounds RI; Phase II	Late '94	ROD
Work Plan for Eleven AOC's (SWMU's)	N/A	N/A
Investigation of Eleven AOC's (SWMU's)	Late '93	SI
Work Plan for Fifteen AOC's (SWMU's)	Late '93	SI WP
Groundwater Sampling and Monitoring	Late '94	Last ROD

Note: Transition Point will be at the end of the phase or stage shown.

V. Transition Procedures

A. General. To aid in the transition process, CENAB will receive the following:

- o monthly fact sheets on relevant projects
- o notification of meetings called to discuss technical and planning issues
- o copies of contract deliverables
- o copies of project related correspondence
- o an opportunity to review and comment on contract submittals within the timeframe allotted for Huntsville Division review (normally two weeks). Huntsville Division will be responsible for determining the appropriateness of all input for inclusion in final documents.
- o copies of SOW's prepared by Huntsville Division for work to be accomplished

B. Funding. Huntsville Division will receive funding for Army IR work directly from HQUSACE through the issuance of funding authorization documents (FAD's). For IR projects to be transitioned, CENAB will receive transition funding directly from HQUSACE in accordance with the 25 Feb 92 memorandum from CEMP-RI, subject: Transitioning Installation Restoration Program (IRP) Projects.

C. Responsibility Matrix

Activity	Huntsville Division	CENAB	Installation	CENAD	HQUSACE
Generic - For projects where Huntsville Division is the lead.*					
AE Contract Mgt.	E/A				
Draft-Final WP	E	M	M	M	
Final WP	E/A	M	M	M	
Field work	E	M	M		
Draft Report	E	M	R	M	
Final Report	E/A	M	R	M	
Upward Reporting	E	M	M	M	M
Provide Funding					E/A
Regulatory Coord.	S	M	E		

* CENAB will execute all new remedial design projects assigned to the Corps of Engineers. CENAN will execute all remedial action projects assigned.

LEGEND

A = Approve. Approval means that all comments have been appropriately disposed, the submittal can be finalized and the next stage initiated.

E = Execute. To conduct in-house, or through a Contractor, perform the assigned task.

M = Monitor. Submittals are provided for informational purposes. Review is not mandatory but may be provided if deemed necessary.

R = Mandatory review. The executing agency is required to provide submittals for review. The reviewing office is required to respond to the submittal.

S = Support. Activity in support to executing agency. Provided upon request.