

January 17, 1996

Mr. Stephen M. Absolom
Chief, Public Works
Seneca Army Depot Activity (SEDA)
Romulus, New York 14541-5001

SUBJECT: Fourth Quarterly Report, Ending December 31, 1995, for CERCLA and RCRA Activities at Seneca Army Depot Activity (SEDA)

Dear Mr. Absolom:

This quarterly report summarizes all the activities that have occurred during the fourth quarter of 1995, i.e. October thru December. These activities include work performed in accordance with Delivery Orders 4, 6, 9, 10, 13, 17, 18, 19, 29, 31, 35, 36, 37, 39, 40 and 41 of Contract DACA87-92-D0022 and Delivery Orders 1 and 2 of Contract DACA87-95-D0031.

Under Contract DACA87-92-D0022, Delivery Order 4 defines the Scope of Work (SOW) for the Site Investigation (SI) of three (3) moderate priority Solid Waste Management Units (SWMU)s. Delivery Order 6 defines the SOW for the SI of seven (7) high priority SWMUs. Delivery Order 9 defines the SOW for the preparation of an RI/FS at the former Open Burning grounds (OB). Delivery Order 10 defines the SOW for the preparation of an RI/FS at the Ash Landfill. Delivery Order 13 defines the SOW for the preparation of an action memorandum for remediation of soil at the Ash Landfill. Delivery Order 17 defines the SOW for the revision to the SWMU Classification Report. Delivery Order 18 defines the SOW for the SI of the seven (7) low priority SWMUs. Delivery Order 19 defines the SOW for the SI of eight (8) moderately low priority SWMUs. Delivery Order 29 defines the SOW for the continuation of quarterly groundwater monitoring at the Ash Landfill and OB/OD grounds. Delivery Order 31 defines the SOW for the preparation of an action memorandum for remediation of groundwater at the Ash Landfill. Delivery Order 35 defines the SOW for the preparation of a generic workplan and scoping document for CERCLA RI/FS's at various sites. Delivery Order 36 defines the SOW for the preparation of a workplan for conducting Expanded Site Investigations (ESI)s at three (3) sites. Delivery Order 37 defines the revisions to the RCRA Permit Documents. Delivery Order 39 defines the preparation of decision documents for SEAD-25, 38, 39, 40, and 41. Delivery Order 40 defines the preparation of decision documents for SEAD-24, 50/54, and 67. Delivery Order 41 defines the SOW for the preparation of scoping documents for CERCLA RI/FS's at thirteen (13) various sites.

Under Contract DACA87-95-D0031, Delivery Order 1 describes the SOW for the preparation of an RI/FS at the two former fire training areas, SEAD-25 and SEAD-26. Delivery Order 2 defines the SOW for support of the preparation of an EBS.

This quarterly report will describe the activities that have occurred as part of Contract DACA87-92-D0022, followed by a description of the activities that have occurred as part of Contract DACA87-95-

D0031.

DELIVERY ORDER 4 (INVESTIGATION OF 3 MODERATE PRIORITY SWMUs)

Work Task 1, the fieldwork, has been completed. All analytical data has been received and has been validated. The only remaining activities to be performed as part of this work task is the management of the Investigation Derived Waste (IDW). Parsons ES submitted an IDW management plan to EPA and NYSDEC on October 31, 1994. NYSDEC verbally agreed to the plan and will not be providing comments. EPA provided comments to the IDW management plan on December 5, 1994. Parsons ES responded to the IDW management plan comments on January 4, 1995. On February 6, 1995, EPA approved of the IDW management plan for these three SWMUs with some minor changes. During the week of April 17, Parsons ES supervised removal and disposal of drums that contained IDW liquids that were classified as hazardous. Clean Harbors of New York was the subcontractor that was used to perform this task. IDW that contained solids that was classified as non-hazardous was returned to the location where it was generated. Disposal of the drums that contain IDW solids, classified as hazardous, has been delayed pending resolution, with EPA, of the proper disposal of the drums that contain solid IDW generated as part of the 15 SWMU investigation, i.e. Delivery Orders 18 and 19. It is more cost effective to dispose of all the IDW solids at the same time.

A phone conference call was held on September 12, 1995 with EPA to resolve these remaining issues. EPA indicated that use of the TCLP rule only would not be acceptable since several constituents were detected at several of the SWMU sites that were not on the TCLP list. In these cases, EPA suggested that professional judgment should be applied to properly classify the drums. Based upon this conference, Parsons ES prepared a final IDW drum classification letter resolving the remaining IDW drums and issued the letter to EPA on November 22, 1995. Parsons ES is currently awaiting final EPA approval.

Work Task 2, the preparation of the SI report, is currently 100% complete. The Draft SI Report was issued on August 5, 1994. NYSDEC comments were received on October 13, 1994. EPA comments were received on May 12, 1995. The Draft-final report was issued for regulatory review on June 9, 1995. Mr. Kamal Gupta, the NYSDEC representative for this project, has indicated that no further NYSDEC comments will be provided on this document. EPA comments dated October 6, 1995 were received on October 18, 1995. The Final SI report was issued on December 11, 1995.

Work Task 3, the project management is currently 100% complete. The twenty-seventh, twenty-eighth and twenty-ninth monthly progress reports were issued to CEHND during this quarter.

Overall, this delivery order is 99% complete, pending disposal of the remaining IDW drums.

DELIVERY ORDER 6 (INVESTIGATION OF 7 HIGH PRIORITY SWMUs)

Work Task 1, the fieldwork, has been completed. All analytical data has been received and has been validated. The seven (7) high priority SWMUs field investigation have been performed in conjunction with Delivery Order 4, the three (3) moderate priority SWMU investigations. Disposal of the liquid IDW was performed at the same time as for the three moderate priority SWMUs,

described previously for Delivery Order 4.

Work Task 2, the SI report, is currently 100% complete. The Draft SI Report was issued to the regulators for review on July 8, 1994. Parsons ES received NYSDEC comments on September 20, 1994 and received comments from EPA on March 16, 1995. The scheduled submission date for the Draft-Final SI report was September 18, 1994 but was submitted on May 11, 1995, since receipt of regulatory comments were delayed. EPA comments dated October 6, 1995 were received on October 18, 1995. The Final SI report was issued December 11, 1995.

Work Task 3, the scheduled project management tasks are complete. Additional management reports will be provided as this delivery order is active. The twenty-eighth, twenty-ninth and the thirtieth monthly progress reports were issued to CEHND during this quarter.

Overall, this delivery order is 99% complete, pending disposal of the remaining IDW drums.

DELIVERY ORDER 9 (IMPLEMENTATION OF THE RI/FS AT THE OPEN BURNING GROUNDS)

Work Task 1, the fieldwork, is complete.

Work Task 2, the preparation of the Remedial Investigation (RI) and the Feasibility Study (FS) reports, is proceeding and is now 95.9% complete. The Draft RI report was submitted for regulatory review on October 8, 1993. EPA comments were received on November 18, 1993. NYSDEC comments were received on December 12, 1993. Parsons ES prepared the response to comments and the Draft-Final RI report was submitted for regulatory review on March 3, 1994. Parsons ES received EPA comments on April 7, 1994. NYSDEC indicated that they had no comments. The Final RI was submitted to the regulators on June 2, 1994. Additional EPA and NYSDEC comments were received on the Final RI on July 12 and 15, 1994. Parsons ES responded to these comments and issued revised pages for inclusion in the Final RI on September 9, 1994. Parsons ES received an EPA acceptance letter on October 11, 1994. NYSDEC has verbally indicated that there will be no additional comments and therefore the RI is final.

The Preliminary-Draft FS was submitted to the Army on December 3, 1993. Written comments, consolidating all the reviewers comments, were received shortly thereafter from CEHND on January 11, 1994. The FS was delayed due to the resolution of legal regulatory issues regarding the need to remediate the site to the New York State Technical and Administrative Guidance Memorandum (TAGM) soil clean-up criteria. The FS document was then revised, based upon the resolution of this issue. The Draft FS was submitted to the regulators on March 10, 1994. Parsons ES received comments from NYSDEC on May 5, 1994. EPA requested several schedule extensions prior to the submission of the Draft FS comments. This caused a corresponding slippage in the project schedule, since receipt of EPA comments is a critical path task. EPA comments on the Draft FS were received on September 30, 1994.

On September 25, 1995 Army representatives, Mr. Harry Klieser from the Army Environmental Center (AEC), Mr. Keith Hoddinott from CHPPM, Mr. Kevin Healy from USACOE, Huntsville

Division, Mr. Steven Absolom from SEDA and Mr. Randall Battaglia from the COE, New York Division discussed the resolution of EPA and NYSDEC comments. The purpose of this meeting was to determine if the Army could accept any of the proposal that had been made by the regulators or if dispute resolution should be invoked. Mr. Harry Klieser, who is the new project manager from AEC, was on the conference call. Mr. Kleiser is the replacement of Dr. Kathleen Buchi, who has moved into another position in the Army. Mr. Kleiser indicated that NYSDEC is correct in pointing out that RCRA closure does apply and was willing to accept the regulators clean-up goal of 500 mg/kg for lead in soil providing that it meets the following requirements:

- 1) All human health risk requirements are met so that the land can be used for unrestricted use,
- 2) All ecological requirements are met,
- 3) RCRA closure requirements are satisfied and
- 4) Protection of groundwater will be achieved.

A letter was provided to the regulators on October 10, 1995 and updated on October 19, 1995 indicating that these requirements are the Army's understanding of what will be achieved if the 500 mg/kg value for lead in soil and the NYSDEC sediment criteria of 31 mg/kg for lead and the 16 mg/kg for copper are accepted as the clean-up goals. A phone discussion between Stephen Absolom of SEDA and Carla Struble of EPA occurred on October 30, 1995 where EPA indicated that the agency would not concur with the remediation goals for lead and copper in Reeder Creek because the issue of Unexploded Ordnance (UXO) was not addressed. A NYSDEC letter, dated November 7, 1995 and received on November 15, 1995, indicated that the 500 mg/kg goal and the 30 and 16 mg/kg sediment goals would meet the four requirements but UXOs would need to be completely removed before the parcel could be released for unrestricted land use.

I am aware that there has been some correspondence, both written and via the phone, between SEDA and EPA regarding the issue of clean-up goals for the OB grounds. EPA continues to have concerns regarding the UXO issues in addition to some additional concerns such as prevention of sediment loading to Reeder Creek via surface water runoff. The UXO issue was never previously discussed with the regulators and is a new requirement. Resolution of this issue still remains a stumbling block for completion of the FS as the quantities of soil to be excavated and treated are dependent on the goals of the program.

Work Task 2, the preparation of the RI and FS reports, is currently behind schedule because of EPA's extensions in responding to the Draft FS and the delays associated with resolving FS issues, described above.

Work Task 3, Post FS support, has not begun. This task was scheduled to begin in June and is, therefore, currently behind schedule. This task will continue to fall behind schedule since EPA has requested that the Preliminary Remedial Action Plan (PRAP) not be submitted until the Draft-Final FS has been received by the regulators.

Work Task 4, project management, is 100% complete. The thirty-seventh, thirty-eighth and thirty-ninth monthly progress reports were issued to CEHND during this quarter.

Overall, this delivery order is 93% complete.

DELIVERY ORDER 10 (IMPLEMENTATION OF THE ASH LANDFILL WORKPLAN)

Work Task 1, the fieldwork, is 100% complete.

Work Task 2, the preparation of the RI and FS reports, is 96.5% complete. The Draft-Final RI was submitted to the regulators for review on July 19, 1994. Parsons ES received EPA comments on August 16, 1994 and NYSDEC comments on September 5, 1994. The Final RI was submitted to the regulators on October 3, 1994. Since no additional comments have been received, the RI is now a Final Document.

The Preliminary Draft Feasibility Study (FS) was issued for regulatory review on September 19, 1994. Parsons ES received comments from NYSDEC on December 12, 1994. EPA comments were received on February 15, 1995. The comments received by both NYSDEC and EPA rejected the recommendations of the FS to monitor the groundwater plume instead of "pump and treat". The Army had requested several extensions for the submittal of the Draft-Final FS, while informal negotiations are ongoing to resolve these differences.

A phone consultation between Parsons ES, the Army, SEDA and EPA representatives, was held on March 29, 1995 to discuss these differences. During this meeting representative from the EPA research laboratory, the Kerr Laboratory in Ada, OK indicated that modelling of the Ash Landfill conditions would be meaningless without performing a substantial amount of additional sampling to better understand and characterize the microbial system in three dimensions. In response, as part of a modification to Delivery Order 31, the Groundwater Action Memorandum, Parsons ES conducted some additional characterization of the groundwater/soil system to provide evidence that the conditions were acceptable for microbial degradation of the plume. The results of that effort has been included in the FS.

Additionally, as part of the modifications to Delivery Order 31, Parsons ES performed a groundwater model of the Ash Landfill to evaluate the potential for the intrinsic remediation alternative, i.e. natural degradation of the existing plume combined with continued groundwater monitoring.

Parsons ES also performed an additional complete round of groundwater sampling, as part of the quarterly groundwater monitoring of Delivery Order 29. This was the first round of groundwater quality data that has been obtained following the completion of the source soil remedial program. The soil remedial program was completed in June of 1995. The results of the modeling and the groundwater sampling, both from the quarterly monitoring program and the limited sampling of Delivery Order 31, has been incorporated in the revised Draft-Final FS.

Initially, SEDA requested that the Draft-Final FS be delayed until July 3, 1995. Recognizing the level of effort required to complete these tasks, SEDA submitted a letter, dated June 30, 1995, to

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EPA and NYSDEC requesting an additional extension of the Draft-final FS report until February 1, 1996. This was to allow completion of the fieldwork and the groundwater modeling that will be incorporated into the Draft-final report. In a letter dated July 6, 1995, EPA rejected this extension request based upon a misunderstanding regarding the groundwater model that was being used. EPA incorrectly identified the groundwater model, Bioplume II, as the model being used at the Ash Landfill. SEDA resubmitted the request on July 14, 1995 correcting the misunderstanding and identifying the correct flow model as MODFLOW and the contaminant transport model as MT3D and requesting a delay for the Draft-final FS until February 1, 1996.

On July 24, 1995 EPA responded agreeing to extend the deadline of the Ash Landfill FS until August 30, 1995. SEDA did not submit a request extension of the FS data and was notified by EPA that the FS was late. SEDA requested an extension of the Draft-Final FS to December 15, 1995. Parsons ES submitted the Draft-final FS on December 15, 1995. The revised modeling report was issued as an addendum to the FS on January 4, 1996.

Work Task 2 is currently behind schedule. This task will continue to slip further behind schedule pending resolution of the differences between the regulators and the Army regarding the appropriateness of implementing institutional controls, combined with continuation of groundwater monitoring.

Work Task 3, the Post FS support, has not commenced. However, it is behind schedule and will continue to fall further behind schedule because EPA has requested that the Preliminary Remedial Action Plan (PRAP) not be submitted until the Draft-Final FS has been received by the regulators.

Work Task 4, Project Management, is 100% complete. During this period, the thirty-seventh, thirty-eighth and the thirty-ninth monthly progress reports were issued to CEHND during this quarter.

Overall, this delivery order is 92% complete.

DELIVERY ORDER 17 (REVISION OF THE SWMU CLASSIFICATION REPORT)

Work Task 1, field activities for limited sampling, is complete at the SWMUs listed in the SOW with the exception of SEAD-10, SEAD-49 and SEAD-51. Limited sampling was performed at SEAD-32, 34, 38, 39, 40, 41, 52 and 66. The data collected from the limited sampling was received, validated and submitted to NYSDEC on April 28, 1994. The three SWMU's that were not sampled, SEAD-10, the Present Scrap Wood Pile, SEAD-49, the Columbite Storage Area and SEAD-51, the Area surrounding the High Security Area, are included in the Scope of Work but NYSDEC agreed in a letter dated September 21, 1993, to classify SEAD-10 and SEAD-49 as No-Action SWMUs therefore eliminating the need to for sampling. Subsequently, NYSDEC also agreed that SEAD-51 would be classified as a No-Action SWMU and that SEAD-48, the Pitchblende Storage Igloos, would be classified as an AOC. No limited sampling was planned for SEAD-48. Since NYSDEC has indicated that SEAD-10, SEAD-49, and SEAD-51 are No-Action SWMU's not requiring limited sampling, the SOW has been modified to eliminate these SWMU's. Limited sampling was performed at SEAD-65, the Acid Storage Area as requested by USEPA. A Field Sampling Letter Report was prepared at the request of the Missouri River Division as a QA data check.

Work Task 2, the preparation of the SWMU Classification report, is 100% complete. The Draft-Final SWMU Classification Report was issued on June 10, 1994. Parsons ES had numerous interactions with the regulators, including letters and meetings at the project managers meeting at SEDA to resolve the classification of the SWMUs in question. All issues have been resolved and the classification of all SWMUs have been completed. Parsons ES received EPA comments on the Draft Final SWMU Classification Report on July 8 and July 12, 1994, and NYSDEC comments on July 22, 1994. Parsons ES responded to these comments and submitted the Final SWMU Classification Report inserts on September 16, 1994. EPA's letter of October 18, 1994 indicates that the SWMU Classification Report is final. NYSDEC has verbally indicated that the SWMU Classification Report is final and will not be providing further review comments.

Work Task 3, the project management, is 100% completed. All required management reports have been prepared. The nineteenth, twentieth and twenty-first monthly progress reports were issued to CEHND during this quarter.

Overall, this delivery order is 100% complete. Parsons ES suggests that this delivery order be closed.

DELIVERY ORDER 18 (INVESTIGATION OF SEVEN (7) LOW PRIORITY SWMUs)

Work Task 1, the fieldwork, is now estimated to be 99% complete. Parsons ES submitted an Investigation Derived Waste (IDW) management plan to EPA and NYSDEC on October 31, 1994. NYSDEC verbally agreed to the plan and did not provide any written comments. EPA provided comments to the management plan on December 5, 1994. Parsons ES responded to the comments in a letter dated January 4, 1995 by providing preliminary site maps describing the location of each soil boring and monitoring well that IDW was derived from. EPA provided additional comments on February 6, 1995. Parsons ES prepared a response to this EPA comment letter and once this issue has been finalized the IDW wastes will be managed according to the approved plan.

Work Task 2, the preparation of the ESI report, is 80% complete. The Preliminary Draft SI Report was issued to the Army on December 19, 1994. Army comments were received, via fax, on March 9, 1995. The Draft ESI report was issued for regulatory review on April 6, 1995. Parsons ES is awaiting receipt of regulatory comments.

Work Task 3, the project management, is 100% complete. The twenty-fifth, twenty-sixth and the twenty-seventh monthly progress reports were issued to CEHND during this quarter.

Overall, this delivery order is 98% complete.

DELIVERY ORDER 19 (INVESTIGATION OF EIGHT (8) MODERATELY LOW PRIORITY SWMUS)

Work Task 1, the fieldwork, is 99% complete. Parsons ES submitted an IDW management plan to EPA and NYSDEC on October 31, 1994. NYSDEC verbally agreed to the plan and did not provide any written comments. EPA provided comments to the management plan on December 5, 1994. Parsons ES responded to the comments in a letter dated January 4, 1995 by providing preliminary site maps describing the location of each soil boring and monitoring well that IDW was derived from.

EPA provided additional comments on February 6, 1995. On November 22, 1995, Parsons ES provided a revised IDW drum classification letter in response to the EPA comment letter. Once this issue has been finalized the IDW wastes will be managed according to the approved plan and will be implemented at the same time as the IDW for the Seven Low Priority SWMUs are being implemented.

Work Task 2, the preparation of the ESI report, is 82% complete. The Preliminary Draft SI Report was submitted to the Army for review on January 8, 1995. Army comments were received, via fax, on March 9, 1995. The draft report was issued for regulatory review on April 14, 1995. NYSDEC review comments were received on October 3, 1995. EPA comments were received on November 30, 1995. Preparation of the Draft-Final SI report will be issued during the next period.

Work Task 3, the project management, is 100% complete. The twenty-fourth, twenty-fifth and the twenty-sixth monthly progress reports were issued to CEHND this period.

Overall, this delivery order is 97% complete.

DELIVER ORDER 29 (CONTINUATION OF QUARTERLY GROUNDWATER MONITORING AT THE OB GROUNDS AND THE ASH LANDFILL)

Parsons ES has recently received COE authorization to perform the quarterly groundwater sampling for the fourth quarter of 1995. We are anticipating performing this work during the second week of January, 1996. In addition, we have been authorized to perform three (3) additional quarters of groundwater monitoring. These tasks were originally optional tasks to the Delivery Order 29.

CEHND had previously modified this delivery order, adding three tasks. Two tasks involve quarterly groundwater monitoring, i.e. the second and third quarters of 1995 at the OB/OD Grounds and the Ash Landfill. The third task involves sampling of the remaining wells at the Ash Landfill, thereby providing one additional complete round of groundwater sampling data. This modification involved reallocation of funds that remained following completion of Work Tasks 1 thru 4, i.e. the quarterly monitoring for 1994 and the first quarter of 1995.

Work Task 1, the second quarterly monitoring of 1994, is 100% complete.

Work Task 2, the third quarterly monitoring of 1994, is 100% complete.

Work Task 3, the fourth quarterly monitoring of 1994, is 100% complete.

Work Task 4, first quarterly monitoring in 1995, is 100% complete.

Work Task 5, the project management, is now 100% complete. The fifteenth, sixteenth and seventeenth monthly progress reports were issued to CEHND.

Work Task 6, the second quarterly monitoring of 1995, is a new work task that is comprised of Scope of Work (SOW) Tasks 11, groundwater monitoring at the OB/OD Grounds and the Ash Landfill sites for the 2nd quarter of 1995, and SOW Task 13, additional sampling and analysis of the remaining monitoring wells at the Ash Landfill site. All tasks associated with this work task have been

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completed. Fieldwork was performed during the first and second weeks of June. Parsons ES has received all of the laboratory data and has all been validate. The headspace analyses performed by Parsons ES on selected wells at the perimeter of the existing plume did not detect the presence of dissolved chlorinated organics indicating that the plume dimensions have remained consistent with previous sampling quarters.

Work Task 7, the third quarterly monitoring of 1995, is also a new work task that involves SOW Task 12, the performance of the 3rd quarter, 1995, groundwater monitoring at the OB/OD Grounds and the Ash Landfill sites. All required wells were sampled on September 12 thru 14, 1995. Chemical analyses have been received and validated. The interim and final quarterly groundwater monitoring reports was issued on November 13, 1995 and December 6, 1995, respectively.

DELIVERY ORDER 31 (PREPARATION OF THE GROUNDWATER FEASIBILITY MEMORANDUM)

As part of the need to address EPA comments on the Ash Landfill Draft FS, Parsons ES received CEHND approval for Modification #1, to the SOW for Delivery Order 31 on April 7, 1995. The modified delivery order changed Task 5 from "Discussions of Proposed Actions and Estimated Costs" to "Perform Groundwater Modelling Studies at the Ash Landfill". This effort will be used to support the current recommended Army remedial strategy of utilizing intrinsic, i.e. natural, degradation of the existing groundwater plume, combined with monitoring, as the most cost effective approach to eliminating the groundwater threat. Originally, Tasks 9a and 9b, involved a treatability study intended to evaluate the feasibility of the UV/Ozone groundwater remedial alternative in addition to the installation and performance of a groundwater interceptor trench flow test have been retained but changed to Tasks 14 and 15 in the modified scope of work. Task 12, originally project management, has also been retained but changed to conduct a feasibility study of these alternatives, including incorporation into the Ash Landfill FS. Project management has been retained and changed to Task 13. The remaining original tasks have all been deleted. A revised work task proposal was submitted to CEHND on May 3, 1995 incorporating the schedule and budget changes to this modified delivery order.

The numerical finite difference groundwater modeling effort using MODFLOW is complete. This model will be used to support the Army's current preferred alternative which is intrinsic remediation. Intrinsic remediation is the alternative that utilizes the indigenous microbial community to reduce the groundwater concentration to acceptable levels. Combined with source elimination and continued groundwater monitoring, intrinsic remediation could be the most cost-effective alternative at this site. The results of the modeling effort suggests that although significant degradation will occur over the time of travel to the nearest well, the concentration at the farmhouse well will be above acceptable standards for potable water. At the Ash Landfill site groundwater velocity, this will occur at approximately 150 years from now.

Parsons ES provided a modeling report for Army review on October 10, 1995. Parsons ES has not received any written comments on this document. The regulatory due data for submittal of this report was originally October 30, 1995. However, it was agreed that this report should be provided to the regulators as part of the Ash Landfill Draft-final report because the basis of selecting the institutional control alternative as the preferred alternative was the modeling study. Parsons ES

submitted the Ash Landfill Draft-final FS on December 15, 1995 and provided the Groundwater Modeling Report as an appendix to the Draft-final FS on January 4, 1996.

In addition to groundwater modeling, this delivery order also included installation of a treatability groundwater interceptor trench. This information will be used to determine the efficacy of collecting and treating groundwater, should this option be necessary. With the delivery order modifications in place, Parsons ES has begun to plan for installation of the groundwater collection trench, which will include incorporation of the December 27, 1994 EPA comments on the interceptor trench specifications. The soil remediation program, that utilized Low Temperature Thermal Desorption (LTTD) is complete and all equipment has been demobilized from the location of the trench. Previously, Parsons ES obtained cost quotes from three vendors to install the trench. The bids were issued in September, 1994 and were valid until December, 1994. Parsons ES has reestablished the costs previously obtained and the same subcontractor, American Auger and Ditching, Co., a small, woman-owned business, is the low bidder, with a bid of approximately \$44,000. On October 18, 1995 Parsons ES submitted a request to subcontract with American Auger and Ditching, Co. and received approval from the COE on November, 3, 1995. Parsons ES authorized the subcontractor, American Auger, to proceed and issued a purchase order, #726209-004. Our plan with American Auger was to begin installation of the trench during the week beginning November 13, 1995. Parsons ES alerted SEDA and the New York COE of our intentions to begin construction activities at the Ash Landfill and was requested to delay any construction activities due to a reluctance to appear, in the eyes of the regulators, that the Army has committed to a groundwater remedial action. This situation to delay the construction of the trench was confirmed through phone conversations with Kevin Healy of the COE, Huntsville Division. I subsequently instructed American Auger to stop work. American Auger had incurred costs during the preparation for construction and they indicated that they would invoice Parsons ES for these incurred costs. Subcontractor costs to install the trench at a later date will be more than our original cost estimate from this subcontractor.

Work Task 1, the performance of the treatability studies, is active and is 17% complete. Previously, bid specifications for the construction of the groundwater collection trench at the Ash Landfill were submitted for bid to four remedial contractors and bids were received on September 12, 1994. Parsons ES awarded the subcontract to the lowest contractor but has now stopped the process in response to the verbal request from the COE and SEDA.

Work Task 2, preparation of the Feasibility Memorandum, is 62% complete. The groundwater modeling effort is complete and a draft modeling report was issued to the Army for review on October 10, 1995. The Draft-final modeling report was submitted on January 4, 1996 as an appendix to the Ash Landfill Draft-final FS. The Feasibility Memorandum cannot be completed as the results of the treatability study, that is part of Work Task 1, the trench installation effort, has been postponed.

Work Task 3, preparation of the Section C and cost estimate has been deleted from this delivery order.

Work Task 4, project management, is 100% complete. The fifteenth, sixteenth and seventeenth monthly progress reports were issued during this period.

Overall, this delivery order is 50% complete.

DELIVERY ORDER 35 (PREPARATION OF WORK PLANS FOR RI/FS'S AT VARIOUS SITES)

Work Task 1, the preparation of the workplans, is 92% complete. This task is behind schedule. The reason for the delays in schedule is due to the lateness of receipt of the regulatory comments.

The preliminary-draft Generic RI/FS workplan was submitted for Army review on January 24, 1995. Army comments on the Generic Workplan were received, via fax, on March 9, 1995. The draft Generic RI/FS Workplan was submitted for regulatory review on March 24, 1995. EPA comments were received on May 19, 1995 and NYSDEC comments were received on May 30, 1995. Regulatory comments, especially those comments received from the EPA, were more substantial than anticipated. The Draft-final Generic Workplan was issued on June 21, 1995. EPA comments were received on August 1, 1995. NYSDEC has verbally indicated that no additional comments will be provided and therefore the Draft-final is the final. However, additional EPA comments were received on August 23, 1995. A phone conference call on September 11, 1995 was used to resolve these final EPA comments. Parsons ES responded to these final EPA comments on September 22, 1995. EPA approved the Generic Workplan in a letter dated October 6, 1995 that was received on October 18, 1995. The Generic Workplan is now a final document.

The preliminary-draft RI/FS Scoping Plan for the deactivation furnaces operable unit, (SEAD-16 and SEAD-17), was submitted for Army review on January 24, 1995. Army comments on the scoping plan for SEAD-16 and SEAD-17 were received, via fax, on March 9, 1995. The draft RI/FS Scoping Plan was submitted for regulatory review on March 29, 1995. Regulatory comments were received on June 15, 1995. The draft-final Scoping Plan for SEAD-16 and SEAD-17 was issued on July 27, 1995. NYSDEC has verbally indicated that no additional comments will be provided and therefore the Draft-final is the final from their standpoint. Parsons ES received EPA comments on September 1, 1995. Parsons ES responded to EPA comments and issued the scoping plan for SEAD-16 and 17 final on October 20, 1995. Parsons ES is awaiting EPA approval.

The preliminary-draft RI/FS Scoping Plan for the fire training areas operable unit, (i.e. SEAD-25 and SEAD-26), was submitted for Army review on January 25, 1995. Army comments on the scoping plan for SEAD-25 and SEAD-26 were received, via fax, on March 9, 1995. The draft RI/FS Scoping Plan was submitted for regulatory review on March 29, 1995. Regulatory comments were received on June 15, 1995. The draft-final Scoping Plan SEAD-25 and 26 was issued for regulatory review on July 14, 1995. NYSDEC has verbally indicated that no additional comments will be provided and therefore the Draft-final is the final. Parsons ES has received EPA comments on August 23, 1995. These comments are considered minor with the exception that EPA requires that the flux chamber, deleted from the program, be added back. Following a phone conference call with EPA and NYSDEC on September 12, 1995, Parsons ES provided a response to EPA comments on September 22, 1995. Based on the discussions that took place in the phone conference call on September 12, Parsons ES received conditional approval of the generic workplan on September 18, 1995 that allowed the scheduled fieldwork for SEAD-25/26 to begin.

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The preliminary-draft RI/FS Scoping Plan for the Old Construction Debris Landfill, (SEAD-11), and the Open Detonation Area, (SEAD-45) operable units, were submitted for Army review on February 28 and March 1, 1995, respectively. Parsons ES received Army comments on these two scoping plans on April 13, 1995, via fax. The Draft Scoping Plan for SEAD-11 was issued for regulatory review on June 16, 1995. The Draft Scoping Plan for SEAD-11 was combined into an operable unit with SEADs 64A and 64D and issued as Draft-Final on December 1, 1995. The Draft Scoping Plan for SEAD-45 was submitted to the regulators on September 20, 1995. NYSDEC responded that, to avoid confusion and additional delays, NYSDEC would not provide comments on this document. Instead, NYSDEC will respond to the Scoping Plan for SEAD-45 when it is combined with SEAD-57 as one operable unit. This combination of scoping plans into operable units was agreed between the Army and NYSDEC.

Work Task 2, the project management, is 100% complete. The fourteenth, fifteenth and sixteenth monthly progress reports were issued this period.

Overall, this delivery order is 95% complete.

DELIVERY ORDER 36 (PREPARATION OF WORK PLANS FOR THREE (3) ESI'S)

Modification No. 1 to this delivery order has been negotiated to eliminate one of the sites for evaluation, i.e. Building 804, while adding two sites, SEAD-28, the Former Waste Underground Storage Tanks, and SEAD-68, the Old Pesticide Control Shop. In addition, the investigations that will be performed at these four sites will follow the procedures of a remedial investigation (RI) not an Expanded Site Investigation (ESI), as originally planned. The revised, negotiated, cost estimate for modification #1 to this delivery order was provided to the COE on March 17, 1995. Parsons ES is currently awaiting the notice to proceed with the modification.

Work Task 1, the preparation of the workplans, is 54% complete. Two of the original three pre-draft workplans for SEAD-46, the Small Arms Range and SEAD-66, the Pesticide Storage Building, were submitted on March 1, 1995 for Army review. Parsons ES received Army comments on the two workplans, via fax, on April 13, 1995. Complete Army comments were received on June 5, 1995. This task is behind schedule due to delays associated with receiving approval to proceed with the modifications of this delivery order. This task will continue to fall behind schedule until the notice to proceed with the modification is received.

Work Task 2, the project management, is 100% complete. The thirteenth, fourteenth and fifteenth monthly progress reports were issued to CEHND this period.

Overall, this delivery order is 75% complete.

DELIVERY ORDER 37 (REVISION TO RCRA PERMIT DOCUMENTS)

Parsons ES submitted the revised protocol document for air dispersion modelling, baseline ambient air monitoring, and for risk assessments for regulatory review and approval on April 7, 1995. No NYSDEC comments have been received.

Work Task 1, the preparation of the Process Evaluation Report, is 100% complete. The draft Process Evaluation Report was issued for Army review April 5, 1995. Comments from the Army was provided to Parsons ES, via fax, on May 3, 1995. Complete Army comments were received on June 5, 1995. The Final Process Evaluation Report was issued on December 12, 1995.

Work Task 2, the preparation of the RCRA permit application, has begun and is 12% complete. The RCRA permit cannot be issued until the air monitoring data, associated with Work Task 4, and the air modeling information, associated with Work Task 5, has been performed and incorporated into the RCRA permit application.

Work Task 3, the response to notice of deficiencies, has not begun since the revised RCRA permits have not been submitted.

Work Task 4, baseline ambient air monitoring, is 98% complete. Parsons ES has completed the collection of the baseline ambient air monitoring data from the locations surrounding the OB/OD area. The location of these air monitoring stations is identified in the protocol document issued for regulatory review on April 7, 1995. Since mid-May, Parsons ES has begun the collection of mobile ambient air monitoring data following the performance of OB/OD operations. This has involved close coordination with SEDA personnel to coordinate and discuss the timing and the location of the plume movement. This air monitoring task is complete for open burning operation but has been delayed for open detonation monitoring since SEDA has not performed open detonation activities. Parsons ES has recently completed this data collection effort. This work task is behind schedule due to delays in receiving Army comments, modifying the Subpart X permit application protocols document, awaiting OB/OD operations and initiating the field monitoring program.

Work Task 5, evaluation of air quality impacts, is 82% complete. Parsons ES has completed the modeling protocols and submitted them to NYSDEC. Although Parsons ES has not received any response to these protocols, our modeling group has had discussions with the chief of the air modeling group at NYSDEC to clarify various requirements that we have anticipated as possible concerns to NYSDEC. Model output run have been performed, the data has been plotted and is complete. This information will be utilized in a risk assessment to evaluate the impacts from OB/OD operations.

Work Task 6, preparation of the risk assessment, is 20% complete. The risk assessment protocols was submitted to the Army for review on February 2, 1995. Army comments were received, via fax, on February 28, 1995 and was submitted to NYSDEC on April 7, 1995. We are proceeding with this task now that the air modeling and the air monitoring efforts are complete.

Work Task 7, project management, is 64% complete. Notice of the COE approval of the work task proposal was received on February 24, 1995 and the twelfth, thirteenth and fourteenth monthly progress reports were issued to CEHND the last quarter.

Overall, this delivery order is 62% complete.

DELIVERY ORDER 39 (PREPARATION OF DECISION DOCUMENTS FOR SEVEN (7))

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SWMU's, SEAD-11, SEAD-25, SEAD-26, SEAD-38, SEAD-39, SEAD-40 and SEAD-41)

Work Task 1, the preparation of the decision document, is 100% complete. Parsons ES issued the document final to the Army on January 30, 1995.

Work Task 2, the preparation of plans, is 100% complete. The draft plans and specifications for this removal action was issued for COE review on March 28, 1995. Army comments were received, via fax, on May 2, 1995. NYSDEC has provided comments to the technical specifications on May 2, 1995. Final plans and specifications were issued on September 8, 1995.

Work Task 3, the project management, is 100% complete. The work task proposal was issued to CEHND on February 16, 1995, approval was received from CEHND on March 30, 1995. The tenth, eleventh and twelfth monthly progress reports were issued to CEHND during this last quarter.

Overall, this delivery order is 100% complete and should be closed.

DELIVERY ORDER 40 (PREPARATION OF DECISION DOCUMENTS FOR FOUR (4) SWMU's, SEAD-24, SEAD-50, SEAD-54 and SEAD-67)

Work Task 1, the preparation of the decision document, is 100% complete. The draft decision document was submitted for Army review on April 12, 1995. Parsons ES has received Army comments on June 5, 1995. The decision document was issued final on November 8, 1995.

Work Task 2, the preparation of plans, is 100% complete.

Work Task 3, the project management, is 100% complete. The eighth, ninth and tenth monthly progress reports were issued to CEHND.

Overall, this delivery order is 100 % complete and should be closed.

DELIVERY ORDER 41 (PREPARATION OF 13 WORKPLANS FOR RI/FS'S AT VARIOUS SITES)

Work Task 1, the preparation of the 13 workplans, is 63% complete. All Preliminary-Draft scoping plans have been issued to the Army for review. The Draft Scoping Plan for SEAD-4 was issued for review on October 25, 1995. The Draft Scoping Plan for SEAD-13 was issued for review on November 14, 1995. The Draft Scoping Plan for SEAD-64A and 64D was issued for review on December 1, 1995. The Draft Scoping Plan for SEAD-12, SEAD-48 and SEAD-63 was issued for review on December 19, 1995. This task is behind schedule due to delays associated with receiving the notice to proceed and receiving Army comments on the pre-draft scoping plans.

Work Plan 2, the project management, is 80% complete. The work task proposal was issued to the CEHND on April 13, 1995. The sixth, seventh and eighth monthly progress reports for this delivery order were issued during the last quarter.

Overall, this delivery order is 65% complete.

DELIVERY ORDER 1 (IMPLEMENTATION of an RI/FS WORKPLAN at SEADs 25 and 26)

Work Task 1, the fieldwork, is approximately 82% complete. Work Task 1 is ahead of schedule. Fieldwork was initiated on September 18, 1995 with mobilization of field equipment and has progressed since that day. EPA split samples, including surface water, sediment and soil samples, for both sites were collected during the week of October 16 thru 20. Groundwater sampling was initiated on during the week of November 6, 1995 and was completed on November 29, 1995. Groundwater sampling was performed in accordance with the requirements established by the EPA protocols.

EPA groundwater split sampling was performed during the week of November 13 and was completed, following Thanksgiving, on November 28 and 29. The following is a summary of the field activities that have occurred.

At SEAD-25, the Fire Demonstration Pad, all soil gas sampling and micro well sampling are complete. Surface water and sediment sampling is 100% complete. The soil boring and monitoring well installation program are also complete. All 16 monitoring wells have been installed and all of the 10 soil borings have also been completed. The installation of the bedrock monitoring wells are also complete. Each monitoring well has been developed and sampled. Four (4) monitoring wells were split with EPA, MW25-2, MW25-8, MW25-18 and MW25-4D. Slug testing was initiated following completion of the groundwater sampling during the first week in December and is complete.

At SEAD-26, the Fire Training Pit Area, surface water and sediment sampling is 100% complete. Split surface water and sediment samples with EPA were collected during the week of October 16 thru 20. The soil boring and monitoring well installation program are also complete. All seven (7) monitoring wells have been installed and all 8 soil borings have also been completed. Each monitoring well has been developed and sampled. Three (3) monitoring wells were split with EPA, MW26-7, MW26-10 and MW26-11. Slug testing was initiated following completion of the groundwater sampling during the first week in December and is complete.

The ecological survey was performed during the last week in October. The field surveyor, Modi Engineering and Surveying, Inc., has also performed all surveying activities at the sites. Both these tasks are complete.

Parsons ES has begun to receive laboratory data from Inchcape Testing Inc. This data is being validated as it is received. All laboratory data should be validated by the end of the next period.

Work Task 2, the preparation of the RI and FS reports, has not commenced.

Work Task 3, the Post FS support, has not commenced.

Work Task 4, Project Management, is 17% complete. This work task is ahead of schedule.

Overall, this delivery order is 54% complete. This delivery order is ahead of schedule.

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DELIVERY ORDER 2 (SUPPORT FOR THE PREPARATION OF AN EBS)

Work Task 1 involves providing support to the contractor selected by the Corps of Engineers, Seattle District, Woodward Clyde, Inc. during the preparation of the Environmental Baseline Survey (EBS) document. This document is an Army required document for property transfer. Property transfers will occur as part of the base closure process. This work task is approximately 27% complete. It is ahead of schedule.

Representatives from Parsons ES met with representatives of Woodward Clyde during the week of November 13, 1995. Our representative attended the site tour and provided background information relative to each site. We have also made available to Woodward Clyde the Solid Waste Management Unit (SWMU) Classification report and the Generic Workplan. Mr. Steven Absolom of SEDA has requested that all documents that will be provided to Woodward Clyde be provided through SEDA. In this way, SEDA will be able to control the information that will be included in the final EBS. Mr. Absolom has raised concern that draft versions of documents may be revised later and the final version will not be accurately reflected in the EBS documents. Parsons ES is complying with this request. The EBS, the CERFA and the Sampling and Analysis plan documents have not been prepared and therefore we have not provided any review.

Work Task 2, the project management task is 38% complete.

A summary schedule report showing the status of each deliverable is included. If you have any questions regarding this or any other project, please, do not hesitate to call me at 617-859-2492.

Sincerely,

PARSONS ENGINEERING SCIENCE, INC.



Michael Duchesneau, P.E.
Project Manager

cc: Ms. Dorothy Richards, CEHND, 2 copies
Mr. Don Williams, MRD, 1 copy
Mr. Randall Battaglia, CENAN, 1 copy
Mr. Keith Hoddinott, USAEHA, 1 copy
Mr. Andrew Cheng Lau, CENAN, 1 copy
Mr. Harry Klieser, USAEC, 1 copy
Mr. Sanjib Chaki, CENAB, 1 copy

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STATUS REPORT SUMMARY

PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM	DUE DATE
3 MOD. PRIORITY SWMU ESI Del. Ord. 0004	ESI Report	Final 11-Dec-95	Army	No Addl. Comments	--	Complete	
			USEPA	No Addl. Comments	--		
			NYSDEC	No Addl. Comments	--		
	Field Sampling Letter Report	Final 15-Apr-94	MRD	None	--	Complete	
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb
	Quarterly Report	4th Qtr 95 17-Jan-96	Army	None	--	1st Qtr 96	12-Apr
7 HIGH PRIORITY SWMU ESI Del. Ord. 0006	ESI Report	Final 11-Dec-95	Army	No Addl. Comments	--	Complete	
			USEPA	No Addl. Comments	--		
			NYSDEC	No Addl. Comments	--		
	Field Sampling Letter Report	Final 15-Apr-94	MRD	None	--	Complete	
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb
	Quarterly Report	4th Qtr 95 17-Jan-96	Army	None	--	1st Qtr 96	12-Apr

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PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM	DUE DATE
OB GROUNDS RI/FS Del. Ord. 0009	RI Report	Revised-Final 09-Sep-94	Army USEPA NYSDEC	None None None	-- -- --	Complete	--
	FS Report	Draft 10-Mar-94	Army USEPA NYSDEC	None Received Received	-- 30-Sep-94 05-May-94	Draft-Final*	Pending
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb
	Quarterly Report	4th Qtr 95 17-Jan-96	Army	None	--	1st Qtr 96	12-Apr
* This date is delayed pending resolution of an acceptable clean-up goal with EPA and NYSDEC. Conversations within the Army and with regulators are on-going. Resolution of the remaining issues should be shortly.							
ASH LANDFILL RI/FS Del. Ord. 0010	RI Report	Final 03-Oct-94	Army USEPA NYSDEC	None None None	-- -- --	Complete	--
	FS Report	Draft-final 15-Dec-95	Army USEPA NYSDEC	None Pending Pending	-- 15-Jan-96 15-Jan-96	Final	29-Feb
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb
	Quarterly Report	4th Qtr 95 17-Jan-96	Army	None	--	1st Qtr 96	12-Apr

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PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM	DUE DATE
ACTION MEMORANDUM Del. Ord. 0013	Action Memo.	Final 12-May-93	Army USEPA NYSDEC	None None None	- - -	Complete	
	Section C	Final	Army	None	-	Complete	
	Cost Estimate	10-Jun-94 Final	Army	None	-	Complete	
	Monthly Report	06-Oct-94 Period 13 17-Jan-96	Army	None	-	Period 1	09-Feb
SWMU CLASSIFICATION REPORT Del. Ord. 0017	SWMU Class Rpt	Final 16-Sep-94	Army USEPA NYSDEC	None None None	- - -	Complete	
	Letter Report	Final	NYSDEC	None		Complete	
	Monthly Report	04-May-94 Period 13 17-Jan-96	Army	None	-	Period 1	09-Feb

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PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM	DUE DATE
7 LOW PRIORITY SWMU ESI Del. Ord. 0018	ESI Report	Draft 06-Apr-95	Army	None	-	Draft-Final	22-Jun
			USEPA	Pending, Due on	08-May-95		
			NYSDEC	Received on	16-Jan-96		
	Field Sampling Letter Report	Final 25-Oct-94	MRD	None	-	Complete	
8 MOD. LOW PRIORITY SWMU ESI Del. Ord. 0019	Monthly Report	Period 13 17-Jan-96	Army	None	-	Period 1	09-Feb
	Quarterly Report	4th Qtr 95 17-Jan-96	Army	None	-	1st Qtr 96	12-Apr
	ESI Report	Draft 14-Apr-95	Army	None	-	Draft-Final	15-Jan
			USEPA	Received	30-Nov-95		
			NYSDEC	Received	03-Oct-95		
	Field Sampling Letter Report	Final 25-Oct-94	MRD	None	-	Complete	
	Monthly Report	Period 13 17-Jan-96	Army	None	-	Period 1	09-Feb
	Quarterly Report	4th Qtr 95 17-Jan-96	Army	None	-	1st Qtr 96	12-Apr

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PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM	DUE DATE
QUARTERLY GROUNDWATER MONITORING CONTINUATION Del. Ord. 0029	3rd Qtr 1995 Rpt. 3rd Qtr Interim Rpt	06-Dec-95 13-Nov-95	MRD SEDA		-- --	Complete Complete	
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb
GROUNDWATER ACTION MEMORANDUM	Trench Spec.	Draft 09-Sep-94	Army USEPA NYSDEC	-- Received Received	-- 27-Dec-94 26-Sep-94	Final	08-Oct
Del. Ord. 0031 including Modification No.1	GW Modeling Rpt. Feasibility Memo. (Formerly the) (Action Memo.)	Draft-Final 04-Jan-96	Army USEPA NYSDEC	Pending, Due on Pending, Due on Pending, Due on	04-Feb-96 04-Feb-96 04-Feb-96	Final	22-Mar
	Section C	Deleted from Task		Deleted from Task	--		
	Cost Estimate	Deleted from Task		Deleted from Task	--		
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb

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PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM	DUE DATE
Prep. Workplan For RI/FSS at Various Sites	Generic Work Plan	Final 22-Sep-95	Army USEPA NYSDEC	No Addl. Comments No Addl. Comments No Addl. Comments	- - -	Complete	-
Del. Ord. 0035	Scoping Plan OU1 (SEAD-16 & 17)	Final 19-Oct-95	Army USEPA NYSDEC	No Addl. Comments Pending No Addl. Comments	- - -	Complete	-
	Scoping Plan OU2 (SEAD-25 & 26)	Final 22-Sep-95	Army USEPA NYSDEC	No Addl. Comments Approval No Addl. Comments	- 15-Aug-95 -	Complete Complete	- -
	Scoping Plan OU3 (SEAD-11)	Draft 16-Jun-95	Army USEPA NYSDEC	Pending, Due on Received Pending, Due on	14-Aug-95 10-Aug-95 14-Aug-95	Draft-Final	01-Sep
	Scoping Plan OU4 (SEAD-45)	Draft 20-Sep-95	Army USEPA NYSDEC	Pending, Due on Pending, Due on Pending, Due on	16-Oct-95 16-Oct-95 16-Oct-95	Draft-Final	30-Nov
	Monthly Report	Period 13 17-Jan-96	Army	None	-	Period 1	09-Feb

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PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM	DUE DATE
Prep. Workplan For RI/FSS	Scoping Plans for:						
Three Sites	1. SEAD - 28		Army	-		Pre-Draft	Notice to Proceed v
Del. Ord. 0036	Underground Waste		USEPA	-			this site has
Del. Ord. 0036 has been modified	Oil Tanks		NYSDEC	-			been autho
but Parsons ES	2. SEAD - 46	Pre-Draft	Army	Received	05-Jun-95	Draft	05-Jul
not received	Small Arms Range	01-Mar-95	USEPA	Not Applicable	-		
authorization			NYSDEC	Not Applicable	-		
to proceed.							
	3. SEAD - 66	Pre-Draft	Army	Received	05-Jun-95	Draft	05-Jul
	Pesticide Storage	01-Mar-95	USEPA	Not Applicable	-		
	Area Near Bld. 4 & 5		NYSDEC	Not Applicable	-		
	4. SEAD - 68		Army	-		Pre-Draft	Notice to Proceed v
	Pesticide Control		USEPA	-			this site has
	Shop (Bld. S-335)		NYSDEC	-			been autho
	Monthly Report	Period 13	Army	None	-	Period 1	09-Feb
		17-Jan-96					

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REVISION TO RCRA PERMIT	Proc. Eval. Report	Final	Army	Complete Task	--	Complete	
Del. Ord. 0037	RCRA Permit TSD facilities	12-Dec-95 Draft-Final	Army USEPA NYSDEC	None Pending Pending	-- -- --	Final	Pending
	RCRA Permit Subpart X	Draft	Army USEPA NYSDEC	None Pending Pending	-- -- --	Draft-Final	Pending
	RCRA Permit Trial Burn Plan	Draft	Army USEPA NYSDEC	None Pending Pending	-- -- --	Draft-Final	Pending
	Misc Permit	--	Army USEPA NYSDEC	-- -- --	-- -- --	Draft	Pending
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb

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PREP DECISION DOCUMENTS FOR 5 SWMU'S VOC Removal Del. Ord. 0039	Decision Document	Final 30-Jan-95	Army USEPA NYSDEC	-- Courtesy Copy Courtesy Copy	-- -- --	Complete	--
	Plans and Specs.	Final 08-Sep-95	Army USEPA NYSDEC	-- Courtesy Copy Courtesy Copy	-- -- --	Complete	--
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb
PREP DECISION DOCUMENTS FOR 3 SWMU'S Metals Removal Del. Ord. 0040	Decision Document	Final 08-Nov-95	Army USEPA NYSDEC	-- -- --	-- -- --	Complete	--
	Plans and Specs.	Final 12-Nov-95	Army USEPA NYSDEC	-- -- --	-- -- --	Complete	--
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb

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PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM	DUE DATE
PREP WORK	Scoping Plans for:						
PLANS FOR							
13 RI/FSS	1. SEAD-4	Draft	CEHND	Pending	-	Draft-final	12-Jan
Del. Ord. 0041	Munitions Washout Facility	25-Oct-95	CEMRD	Pending	-		
			CHPPM	Pending	-		
			USEPA	Pending	-		
			NYSDEC	Received	04-Dec-95		
	2. SEAD-5	Pre-Draft	CEHND	Received	05-Sep-95	Draft	16-Nov
	Sewage Sludge Piles	02-Aug-95	CEMRD	Received	05-Sep-95		
			CHPPM	Received	16-Oct-95		
			USEPA	-			
			NYSDEC	-			
	3. SEAD-12	Draft	CEHND	Pending, Due on	19-Jan-96	Draft-final	04-Mar
	Radioactive Burial Pit Area	19-Dec-95	CEMRD	Pending, Due on	19-Jan-96		
			CHPPM	Pending, Due on	19-Jan-96		
			USEPA	Pending, Due on	19-Jan-96		
			NYSDEC	Pending, Due on	19-Jan-96		
	Scoping Plans for:						
	4. SEAD-13	Draft	CEHND	Pending, Due on	15-Dec-96	Draft-final	29-Jan
	IRFNA Disposal Pit Area	14-Nov-95	CEMRD	Pending, Due on	15-Dec-96		
			CHPPM	Pending, Due on	15-Dec-96		
			USEPA	Pending, Due on	15-Dec-96		
			NYSDEC	Received	16-Jan-96		

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PLANS FOR 13 RI/FSS	5. SEAD -48	Draft	CEHND	Pending, Due on	19-Jan-96	Draft-final	04-Mar
Del. Ord. 0041 (Continued)	Pitchblende Storage Igloos	19-Dec-95	CEMRD	Pending, Due on	19-Jan-96		
PLANS FOR			CHPPM	Pending, Due on	19-Jan-96		
			USEPA	Pending, Due on	19-Jan-96		
			NYSDEC	Pending, Due on	19-Jan-96		
	6. SEAD -63	Draft	CEHND	Pending, Due on	19-Jan-96	Draft-final	04-Mar
	Misc. Component Burial Area	19-Dec-95	CEMRD	Pending, Due on	19-Jan-96		
			CHPPM	Pending, Due on	19-Jan-96		
			USEPA	Pending, Due on	19-Jan-96		
			NYSDEC	Pending, Due on	19-Jan-96		
	7. SEAD -52	Pre-Draft	CEHND	Received	19-Sep-95	Draft	19-Oct
	Ammo. Breakdown Area	03-Aug-95	CEMRD	Received	04-Sep-95		
			CHPPM	Received	04-Sep-95		
			USEPA	-			
			NYSDEC	-			
	8. SEAD -57	Pre-Draft	CEHND	Received	11-Sep-95	Draft	26-Oct
	Explosive Ordnance Disposal Area	11-Aug-95	CEMRD	Pending, Due on	11-Sep-95		
			CHPPM	Pending, Due on	11-Sep-95		
			USEPA	-			
			NYSDEC	-			
	9. SEAD -59	Pre-Draft	CEHND	Received	14-Aug-95	Draft	18-Oct
	Fill Area West of Building 135	29-Jun-95	CEMRD	Received	14-Aug-95		
			CHPPM	Received	18-Sep-95		
			USEPA	-			
			NYSDEC	-			

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PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM	DUE DATE
13 RI/FSs Del. Ord. 0041 (Continued)	10. SEAD-60 Oil Discharge Area Adjacent to Bld. 609	Pre-Draft 10-Jul-95	CEHND CEMRD CHPPM USEPA NYSDEC	Received Received Received -- --	14-Aug-95 11-Sep-95 11-Sep-95	Draft	11-Oct
	11. SEAD-64A Garbage Disposal Area	Pre-Draft 31-Jul-95	CEHND CEMRD CHPPM USEPA NYSDEC	Received Pending, Due on Pending, Due on -- --	11-Sep-95 30-Aug-95 30-Aug-95	Draft	16-Oct
	12. SEAD-64D Garbage Disposal Area	Pre-Draft 07-Jul-95	CEHND CEMRD CHPPM USEPA NYSDEC	Received Received Received -- --	14-Aug-95 11-Sep-95 11-Sep-95	Draft	11-Oct
	13. SEAD-71 Alleged Paint Disposal Area	Pre-Draft 12-Jul-95	CEHND CEMRD CHPPM USEPA NYSDEC	Received Received Received -- --	14-Aug-95 11-Sep-95 18-Sep-95	Draft	18-Oct
	Monthly Report	Period 13 17-Jan-96	Army	None	--	Period 1	09-Feb
MISC. ITEMS	Drum Disposal Ltr. for the 10 SWMUs and the 15 SWMUs	22-Nov-95	NYSDEC USEPA	None Pending	-- Pending	Approval	Pending

U. S. ARMY CORPS OF ENGINEERS
 HUNTSVILLE DIVISION
 CONTRACT NO. DACA87-95-D-0031
 SENECA ARMY DEPOT ACTIVITY
 STATUS REPORT SUMMARY

PROJECT NAME	DELIVERABLE	CURRENT VERSION	COMMENTING AGENCY	COMMENT STATUS	COMMENT DATE	ACTION ITEM
RI/FS @ the Fire Training Areas SEADs-25 & 26 Del. Ord. 001	RI Report	-	Army	None	-	Pre-Draft
		-	USEPA	None	-	
			NYSDEC	None	-	
Support for EBS Del. Ord. 002	Monthly Report	Period 13 17-Jan-96	Army	None	-	Period 1
	Quarterly Report	4th Qtr 95 17-Jan-96	Army	None	-	1st Qtr 96
	Monthly Report	Period 13 17-Jan-96	Army	None	-	Period 1