

APPENDIX I

STATEMENT OF WORK FOR OPERABLE UNIT 1

STATEMENT OF WORK

for the

REMEDIAL ACTION

**GREEN RIVER DISPOSAL LANDFILL
SUPERFUND SITE
DAVISS COUNTY, KY**

OPERABLE UNIT ONE



REGION 4

ATLANTA, GEORGIA

**STATEMENT OF WORK
for the
GREEN RIVER DISPOSAL LANDFILL SUPERFUND SITE
REMEDIAL ACTION**

OPERABLE UNIT ONE

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**STATEMENT OF WORK
for the
GREEN RIVER DISPOSAL LANDFILL SUPERFUND SITE
REMEDIAL ACTION**

OPERABLE UNIT ONE

I. INTRODUCTION

This Statement of Work (SOW) outlines the Remedial Action work for operable unit one (the landfill remedy) to be performed by the Respondents at the Green River Disposal Landfill Superfund Site, in Daviess County, Kentucky (the Site). The work outlined herein is intended to fully implement the remedy as described in the Record of Decision (ROD) for the Site, dated December 14, 1994, and to achieve the Performance Standards set forth in the ROD, and this SOW. The requirements of this SOW will be further detailed in work plans and other documents to be submitted by the Respondents for approval as set forth in this SOW. It is not the intent of this document to provide task specific engineering or geological guidance.

Respondents are responsible for performing the work required to construct and implement the selected remedy. EPA shall conduct oversight of the Respondents' activities throughout the performance of the work. The Respondents shall assist EPA in conducting oversight activities, and any necessary community relations activities.

EPA review or approval of a task or deliverable shall not be construed as a guarantee as to the adequacy of such task or deliverable. A summary of the major deliverables that Respondents shall submit for the Work is attached.

II. OBJECTIVES OF THE REMEDY

The general objectives of this remedial action are to:

1. Prevent or mitigate the continued release of hazardous substances, pollutants and contaminants at the Site to surface water, and sediments;
2. Eliminate or reduce the risks to human health associated with direct contact with hazardous substances, pollutants or contaminants within the Site;

3. Eliminate or reduce the risks to human health from inhalation of hazardous substances, pollutants or contaminants from the Site;
4. Eliminate or minimize the threat posed to human health and the environment from potential migration of hazardous substances to the groundwater, surface and subsurface soils.

Specific objectives of the Remedial Design and Remedial Action are:

Landfill:

- Prevent direct exposure with the landfill contents
- Minimize storm water infiltration and production of leachate
- Prevent migration of contaminants by leachate collection and treatment
- Control surface water runoff and erosion
- Control fugitive gas emissions

Leachate:

- Prevent direct exposure or ingestion of leachate by environmental receptors
- Prevent migration of contaminants from the landfill wastes to the groundwater and unnamed tributary

Sediment:

- Prevent direct exposure to ecological receptors
- Minimize damage to the intermittent stream during excavation of sediments

III. SUMMARY OF THE REMEDY

A. Components

The remedy for Operable Unit One outlined in the ROD, includes the following components:

1. Landfill Alternative 4: Capping With a Composite Barrier Cover

2. Leachate Alternative 3: Collection with Subsurface Drains; Chemical/Physical Treatment for Removal of Heavy Metals and Organic Compounds; Discharge of Treated Water into the Unnamed Tributary
3. Sediment Alternative 3: Excavation and Consolidation in the Landfill
4. Removal of surface debris and/or buried wastes located in the east and west ravines, and dispose these wastes within the landfill cap.

B. Performance Standards

Respondents shall meet all Performance Standards in accordance with Section 7.1 of the ROD as follows:

Landfill Cap

The landfill cap shall, at minimum, be designed and constructed to meet State performance requirements outlined in 401 KAR 48:080. The components of the cap shall include: a vegetation/soil top layer (graded to maximize storm water run-off); a filter and drainage layer; and a combination of a clay layer and a geomembrane layer to minimize infiltration. The design of the cap shall consider long-term permanence and minimal long-term maintenance as principal design elements. EPA in consultation with KDEP and the local community will review and approve the final cap design.

The cap shall be designed to accommodate for possible settlement, and requirements for gas venting will be evaluated during the design phase. Applicable or Relevant and Appropriate Requirements (ARARs) identified for this component are listed in Section 8.2 of the ROD.

Leachate

The leachate collection system shall be designed and constructed to collect leachate from the landfill waste at the perimeter of the waste disposal area and from below the landfill cap. Leachate shall not be permitted to seep through the landfill cap or migrate off Site by any means.

The leachate treatment system shall be designed and constructed to remove or substantially reduce the concentrations of any hazardous or toxic constituents present. The treatment system effluent shall meet all applicable, or relevant

and appropriate requirements for discharge on-site to the unnamed tributary. The effluent discharge shall comply with effluent standards and monitoring requirements pursuant to the Kentucky Pollutant Discharge Elimination System (KPDES) program. The leachate collection and treatment system shall be maintained functional and operational for up to 30 years to meet the objectives outlined in the previous section. ARARs identified for this component of the remedy are listed in Section 8.2 of the ROD.

Sediment

Contaminated sediment from the unnamed tributary identified in Figure 18, shall be excavated and consolidated within the landfill, under the landfill cap. Excavation of the sediment shall be conducted in a manner that will minimize destruction of the surrounding environment (i.e. trees, wildlife habitats, etc.). The contaminated sediment in the stream and sedimentation pond identified in the Remedial Investigation Report shall be removed to the extent that all of the sediment at these locations will be excavated. EPA will verify by visual inspection that all sediments in the areas of concern are removed in accordance with this ROD. The stream shall then be restored to its natural state by regrading and replacement of sediment where necessary. ARARs identified for this component are listed in Section 8.2 of the ROD.

IV. PLANNING AND DELIVERABLES

The specific scope of this work shall be documented by Respondents in a Remedial Action (RA) Work Plan. Plans, specifications, submittals, and other deliverables shall be subject to EPA review and approval.

Respondents shall submit a technical memorandum documenting the need for additional data along with the proposed Data Quality Objectives (DQOs) whenever such requirements are identified after approval of the RA Work Plan.

Respondents are responsible for fulfilling additional data and analysis needs identified by EPA during the RA process consistent with the general scope and objectives of this SOW and the Unilateral Administrative Order for Remedial Action.

Respondents shall perform the following tasks:

TASK I - REMEDIAL ACTION

The Remedial Action shall be performed by Respondents to implement the response actions selected in the ROD.

A. Remedial Action Planning

Subsequent to submittal of the Final Design, Respondents shall submit a draft RA Work Plan, a Construction Management Plan, Project Delivery Strategy, a Construction Quality Assurance Plan, and a Construction Health and Safety Plan/Contingency Plan. The RA Work Plan, Project Delivery Strategy, Construction Management Plan, and Construction Quality Assurance Plan must be reviewed and approved by EPA. The Construction Health and Safety Plan/Contingency Plan does not require approval, but is reviewed by EPA for content only prior to the initiation of the Remedial Action.

Upon approval of the Final Design and the RA Work Plan, Respondents shall implement the RA Work Plan in accordance with the construction management schedule. Significant field changes to the RA as set forth in the RA Work Plan and Final Design shall not be undertaken without the approval of EPA. The RA shall be documented in enough detail to produce as-built construction drawings after the RA is complete. Deliverables shall be submitted to EPA for review and approval in accordance with Section XIII of the Unilateral Administrative Order. Review and/or approval of submittals does not imply acceptance of later submittals that have not been reviewed, nor that the remedy, when constructed, will meet Performance Standards.

1. RA Work Plan

A Work Plan which provides a detailed plan of action for completing the RA activities shall be submitted to EPA for review and approval. The objective of this work plan is to provide for the safe and efficient completion of the RA. The Work Plan shall be developed in conjunction with the Construction Management Plan, Project Delivery Strategy, the Construction Quality Assurance Plan, and the Construction Health and Safety Plan/Contingency Plan, although each plan may be delivered under separate cover. The Work Plan shall include a comprehensive description of the work to be performed and the Final Construction schedule for completion of each major activity and submission of each deliverable.

Specifically, the RA Work Plan shall present the following:

- a. A detailed description of the tasks to be performed and a description of the work products to be submitted to EPA. This includes the deliverables set forth in the remainder of Task I.
- b. A schedule for completion of each required activity and submission of each deliverable required by this Consent Decree, including those in this SOW.
- c. A project management plan, including provision for monthly reports to EPA, meetings and presentations to EPA at the conclusion of each major phase of the RA. EPA's Project Coordinator and the Respondents' Project Coordinator will meet, at a minimum, on a quarterly basis, unless EPA determines that such meeting is unnecessary.
- d. A description of the community relations support activities to be conducted during the RA. At EPA's request, Respondents shall assist EPA in preparing and disseminating information to the public regarding the RA work to be performed.

2. Project Delivery Strategy

Respondents shall submit a document to EPA for review and approval describing the strategy for delivering the project. This document shall address the management approach for implementing the Remedial Action, including procurement methods and contracting strategy, phasing alternatives, and contractor and equipment availability concerns. If the construction of the remedy is to be accomplished by Respondents' "in-house" resources, the document shall identify those resources.

3. Construction Management Plan

A Construction Management Plan shall be developed to indicate how the construction activities are to be implemented and coordinated with EPA during the RA. Respondents shall designate a person to be a Remedial Action Coordinator and its representative on-Site during the Remedial Action, and identify this person in the Plan. This Plan shall

also identify other key project management personnel and lines of authority, and provide descriptions of the duties of the key personnel along with an organizational chart. In addition, a plan for the administration of construction changes and EPA review and approval of those changes shall be included.

4. Construction Quality Assurance Plan

Respondents shall develop and implement a Construction Quality Assurance Program to ensure, with a reasonable degree of certainty, that the completed Remedial Action meets or exceeds all design criteria, plans and specifications, and Performance Standards. The Construction Quality Assurance Plan shall incorporate relevant provisions of the Performance Standards Verification Plan (see Task V). At a minimum, the Construction Quality Assurance Plan shall include the following elements:

- a. A description of the quality control organization, including a chart showing lines of authority, identification of the members of the Independent Quality Assurance Team (IQAT), and acknowledgment that the IQAT will implement the control system for all aspects of the work specified and shall report to the project coordinator and EPA. The IQAT members shall be representatives from testing and inspection organizations and/or the Supervising Contractor and shall be responsible for the QA/QC of the Remedial Action. The members of the IQAT shall have a good professional and ethical reputation, previous experience in the type of QA/QC activities to be implemented, and demonstrated capability to perform the required activities. They shall also be independent of the construction contractor.
- b. The name, qualifications, duties, authorities, and responsibilities of each person assigned a QC function.
- c. Description of the observations and control testing that will be used to monitor the construction and/or installation of the components of the Remedial Action. This includes information which certifies that personnel and laboratories performing the tests are qualified and the equipment and procedures to be used comply with applicable standards. Any laboratories to be used

shall be specified. Acceptance/rejection criteria and plans for implementing corrective measures shall be addressed.

- d. A schedule for managing submittals, testing, inspections, and any other QA function (including those of contractors, subcontractors, fabricators, suppliers, purchasing agents, etc.) that involve assuring quality workmanship, verifying compliance with the plans and specifications, or any other QC objectives. Inspections shall verify compliance with all environmental requirements and include, but not be limited to, air quality and emissions monitoring records and waste disposal records, etc.
- e. Reporting procedures and reporting format for QA/QC activities including such items as daily summary reports, schedule of data submissions, inspection data sheets, problem identification and corrective measures reports, evaluation reports, acceptance reports, and final documentation.
- f. A list of definable features of the work to be performed. A definable feature of work is a task which is separate and distinct from other tasks and has separate control requirements.

5. Construction Health and Safety Plan/Contingency Plan

Respondents shall prepare a Construction Health and Safety Plan/Contingency Plan in conformance with Respondents' health and safety program, and in compliance with OSHA regulations and protocols. The Construction Health and Safety Plan shall include a health and safety risk analysis, a description of monitoring and personal protective equipment, medical monitoring, and Site control. EPA will not approve Respondents' Construction Health and Safety Plan/Contingency Plan, but rather EPA will review it to ensure that all necessary elements are included, and that the plan provides for the protection of human health and the environment. This plan shall include a Contingency Plan and incorporate Air Monitoring and Spill Control and Countermeasures Plans if determined by EPA to be applicable for the Site. The Contingency Plan is to be written for the on-site construction workers and the local affected population. It shall include the following items:

- a. Name of person who will be responsible in the event of an emergency incident.
- b. Plan for initial Site safety indoctrination and training for all employees, name of the person who will give the training and the topics to be covered.
- c. Plan and date for meeting with the local community, including local, state and federal agencies involved in the cleanup, as well as the local emergency squads and the local hospitals.
- d. A list of the first aid and medical facilities including, location of first aid kits, names of personnel trained in first aid, a clearly marked map with the route to the nearest medical facility, all necessary emergency phone numbers conspicuously posted at the job Site (i.e., fire, rescue, local hazardous material teams, National Emergency Response Team, etc.)
- e. Plans for protection of public and visitors to the job Site.
- f. Air Monitoring Plan which incorporates the following requirements:
 1. Air monitoring shall be conducted both on Site and at the perimeter of the Site. The chemical constituents that were identified during the Risk Assessment shall serve as a basis of the sampling for and measurement of pollutants in the atmosphere. Respondents shall clearly identify these compounds and the detection and notification levels required in Paragraph 4 below. Air monitoring shall include personnel monitoring, on-Site area monitoring, and perimeter monitoring.
 2. Personnel Monitoring shall be conducted according to OSHA and NIOSH regulations and guidance.
 3. On-site Area Monitoring shall consist of continuous real-time monitoring performed immediately adjacent to any waste excavation areas, treatment areas, and any other applicable areas when work is occurring. Measurements shall be taken

in the breathing zones of personnel and immediately upwind and downwind of the work areas. Equipment shall include the following, at a minimum: organic vapor meter, explosion meter, particulate monitoring equipment, and on-site windsock.

4. Perimeter monitoring shall consist of monitoring airborne contaminants at the perimeter of the Site to determine whether harmful concentrations of toxic constituents are migrating off-Site. EPA approved methods shall be used for sampling and analysis of air at the Site perimeter. The results of the perimeter air monitoring and the on-Site meteorological station shall be used to assess the potential for off-Site exposure to toxic materials. The air monitoring program shall include provisions for notifying nearby residents, local, state and federal agencies in the event that unacceptable concentrations of airborne toxic constituents are migrating off-Site. Respondents shall report detection of unacceptable levels of airborne contaminants to EPA in accordance with Section XII of the Unilateral Administrative Order.
- g. A Spill Control and Countermeasures Plan which shall include the following:
1. Contingency measures for potential spills and discharges from materials handling and/or transportation.
 2. A description of the methods, means, and facilities required to prevent contamination of soil, water, atmosphere, and uncontaminated structures, equipment, or material by spills or discharges.
 3. A description of the equipment and personnel necessary to perform emergency measures required to contain any spillage and to remove spilled materials and soils or liquids that become contaminated due to spillage. This collected spill material must be properly disposed of.

4. A description of the equipment and personnel to perform decontamination measures that may be required for previously uncontaminated structures, equipment, or material.

B. Preconstruction Conference

A Preconstruction Conference shall be held after selection of the construction contractor but before initiation of construction. This conference shall include Respondents and federal, state and local government agencies and shall:

1. Define the roles, relationships, and responsibilities of all parties;
2. Review methods for documenting and reporting inspection data;
3. Review methods for distributing and storing documents and reports;
4. Review work area security and safety protocols;
5. Review the Construction Schedule;
6. Conduct a Site reconnaissance to verify that the design criteria and the plans specifications are understood and to review material and equipment storage locations.

The Preconstruction Conference must be documented, including names of people in attendance, issues discussed, clarifications made, special instructions issued, etc.

C. Prefinal Construction Inspection

Upon preliminary project completion Respondents shall notify EPA for the purpose of conducting a Prefinal Construction Inspection. Participants should include the Project Coordinators, Supervising Contractor, Construction Contractor, Natural Resource Trustees and other federal, state, and local agencies with a jurisdictional interest. The Prefinal Inspection shall consist of a walk-through inspection of the entire project Site. The objective of the inspection is to determine whether the construction is complete and consistent with the Unilateral Administrative Order. Any outstanding construction items discovered during the inspection shall be identified and noted on a punch list. Additionally, treatment equipment shall be operationally tested by

Respondents. Respondents shall certify that the equipment has performed to effectively meet the purpose and intent of the specifications. Retesting shall be completed where deficiencies are revealed. A Prefinal Construction Inspection Report shall be submitted by Respondents which outlines the outstanding construction items, actions required to resolve the items, completion date for the items, and an anticipated date for the Final Inspection.

D. Final Construction Inspection

Upon completion of all outstanding construction items, Respondents shall notify EPA for the purpose of conducting a Final Construction Inspection. The Final Construction Inspection shall consist of a walk-through inspection of the entire project Site. The Prefinal Construction Inspection Report shall be used as a check list with the Final Construction Inspection focusing on the outstanding construction items identified in the Prefinal Construction Inspection. All tests that were originally unsatisfactory shall be conducted again. Confirmation shall be made during the Final Construction Inspection that all outstanding items have been resolved. Any outstanding construction items discovered during the inspection still requiring correction shall be identified and noted on a punch list. If any items are still unresolved, the inspection shall be considered to be a Prefinal Construction Inspection requiring another Prefinal Construction Inspection Report and subsequent Final Construction Inspection.

E. Final Construction Report

Within thirty (30) days following the conclusion of the Final Construction Inspection, Respondents shall submit a Final Construction Report. EPA will review the draft report and will provide comments to Respondents. The Final Construction Report shall include the following:

1. Brief description of how outstanding items noted in the Prefinal Inspection were resolved;
2. Explanation of modifications made during the RA to the original RD and RA Work Plans and why these changes were made;

3. As-built drawings of the remedy constructed, signed and sealed by a professional engineer registered in the Commonwealth of Kentucky.

F. Remedial Action Report

In accordance with Section IX of the Unilateral Administrative Order, Respondents shall submit a Remedial Action (RA) Report within 60 days after approval of the Final Construction Report. The RA Report shall summarize the work completed under this Remedial Action and provide a record that the performance standards have been attained and the Remedial Action was completed in full satisfaction of the Unilateral Administrative Order and Record of Decision. The RA Report shall include, but not be limited to the following:

1. Chronology of construction activities;
2. As-built drawings of the remedy constructed, signed and sealed by a professional engineer registered in the Commonwealth of Kentucky.
3. Verification that the Performance Standards have been achieved in accordance with the Performance Standards Verification Plan;
4. A summary of the quality assurance procedures used and a summary of the data used to verify performance quality;
5. A photographic log of the remedy being constructed, including pictures of critical stages of construction;
6. Certification by Respondents' Project Coordinator and by a Professional Engineer registered in the Commonwealth of Kentucky that the Remedial Action was: 1) completed in full satisfaction of the requirements of the Unilateral Administrative Order and Record of Decision; and, 2) constructed in conformance with standard engineering principles and practices.

After EPA review, Respondents shall address any comments and submit a revised report. In accordance with Section IX of the Unilateral Administrative Order, the Remedial Action shall not be considered complete until EPA approves the RA Report.

TASK II - OPERATION AND MAINTENANCE

Operation and Maintenance (O&M) shall be performed in accordance with the approved Operation and Maintenance Plan described below.

A. Operation and Maintenance Plan

At the 50 percent construction stage, Respondents shall submit an Operation and Maintenance Plan for review. The Operation and Maintenance Plan must be reviewed and approved by EPA prior to initiation of Operation and Maintenance activities. If necessary, the Operation and Maintenance Plan shall be modified to incorporate any design modifications implemented during the Remedial Action.

Upon approval of the Operation and Maintenance Plan, Respondents shall implement the Operation and Maintenance Plan in accordance with the schedule contained therein. This plan shall describe start-up procedures, routine operation and maintenance procedures, troubleshooting procedures, training, emergency procedures, and evaluation activities that shall be carried out by Respondents. The plan shall address the following elements:

1. Equipment start-up and operator training;
 - a. Technical specifications governing treatment systems;
 - b. Requirements for providing appropriate service visits by experienced personnel to supervise the installation, adjustment, start-up and operation of the systems; and,
 - c. Schedule for training personnel regarding appropriate operational procedures once start-up has been successfully completed.
2. Description of normal operation and maintenance;
 - a. Description of tasks required for system operation;
 - b. Description of tasks required for system maintenance;
 - c. Description of prescribed treatment or operating conditions; and
 - d. Schedule showing the required frequency for each O&M task.
3. Description of potential operating problems;
 - a. Description and analysis of potential operating problems;

- b. Sources of information regarding problems; and
 - c. Common remedies or anticipated corrective actions.
4. Description of routine monitoring and laboratory testing;
- a. Description of monitoring tasks;
 - b. Description of required laboratory tests and their interpretation;
 - c. Required QA/QC; and
 - d. Schedule of monitoring frequency and date, if appropriate, when monitoring may cease.
5. Description of alternate O&M;
- a. Should system fail, alternate procedures to prevent undue hazard; and
 - b. Analysis of vulnerability and additional resource requirements should a failure occur.
6. Safety Plan;
- a. Description of precautions to be taken and required health and safety equipment, etc., for Site personnel protection, and
 - b. Safety tasks required in the event of systems failure.
7. Description of equipment;
- a. Equipment identification;
 - b. Installation of monitoring components;
 - c. Maintenance of Site equipment; and
 - d. Replacement schedule for equipment and installation components.

8. Records and reporting;
 - a. Daily operating logs;
 - b. Laboratory records;
 - c. Records of operating cost;
 - d. Mechanism for reporting emergencies;
 - e. Personnel and Maintenance Records; and
 - f. Monthly reports to State/Federal Agencies.

B. Operation and Maintenance Manual

Also at the 50 percent construction stage, Respondents shall submit an O&M manual for review. This manual shall include all necessary O&M information for the operating personnel. The O&M manual must be reviewed and approved by EPA prior to initiation of Operation and Maintenance activities.

TASK III - PERFORMANCE MONITORING

Performance monitoring shall be conducted to ensure that all Performance Standards are met.

A. Performance Standards Verification Plan

The purpose of the Performance Standards Verification Plan is to provide a mechanism to ensure that both short-term and long-term Performance Standards for the Remedial Action are met. Guidance used in developing the Sampling and Analysis Plan during the Remedial Design phase shall be used. Respondents shall submit a Performance Standards Verification Plan with the Remedial Action Work Plan. Once approved, Respondents shall implement the Performance Standards Verification Plan on the approved schedule. The Performance Standards Verification Plan shall include:

1. The Performance Standards Verification Field Sampling and Analysis Plan that provides guidance for all fieldwork by defining in detail the sampling and data gathering methods to be used. The Performance

Standards Verification Field Sampling and Analysis Plan shall be written so that a field sampling team unfamiliar with the Site would be able to gather the samples and field information required.

2. The Performance Standards Verification Quality Assurance/Quality Control plan that describes the quality assurance and quality control protocols which will be followed in demonstrating compliance with Performance standards.
3. Specification of those tasks to be performed by Respondents to demonstrate compliance with the Performance Standards and a schedule for the performance of these tasks.

V. SUMMARY OF THE MAJOR DELIVERABLES

Respondents shall provide EPA with six (6) copies of each deliverable unless otherwise directed by the EPA Remedial Project Manager.

TASK I: PROJECT PLANNING

No deliverables planned as part of Task I.

TASK II: REMEDIAL ACTION

RA Work Plan

Project Delivery Strategy

Construction Management Plan

Construction Quality Assurance Plan

Construction Health and Safety Plan/Contingency Plan

Prefinal Construction Inspection Report

Final Construction Report

Remedial Action Report

TASK III: OPERATION AND MAINTENANCE

Operation and Maintenance Plan

Operation and Maintenance Manual

TASK IV: Monitoring

Performance Standards Verification Plan

V. REFERENCES

The following list, although not comprehensive, comprises many of the regulations and guidance documents that apply to the RD/RA process. Respondents shall review these guidance, as well as To Be Considered (TBC) references outlined in the ROD, and shall use the information provided therein in performing the RD and preparing all deliverables under this SOW.

1. "National Oil and Hazardous Substances Pollution Contingency Plan, Final Rule", Federal Register 40 CFR Part 300, March 8, 1990.
2. "Superfund Remedial Design and Remedial Action Guidance," U.S. EPA, Office of Emergency and Remedial Response, June 1986, OSWER Directive No. 9355.O-4A.
3. "Interim Final Guidance on Oversight of Remedial Designs and Remedial Actions Performed by Potentially Responsible Parties," U.S. EPA, Office of Emergency and Remedial Response, February 14, 1990, OSWER Directive No. 9355.5-01.
4. "Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA, Interim Final," U.S. EPA, Office of Emergency and Remedial Response, October 1988, OSWER Directive No. 355.3-01.
5. "A Compendium of Superfund Field Operations Methods," Two Volumes, U.S. EPA, Office of Emergency and Remedial Response, EPA/540/P-87/001a, August 1987, OSWER Directive No. 9355.0-14.

6. "EPA NEIC Policies and Procedures Manual," EPA-330/9-78-001-R, May 1978, revised November 1984.
7. "Data Quality Objectives for Remedial Response Activities," U.S. EPA, Office of Emergency and Remedial Response and Office of Waste Programs Enforcement, EPA/540/G-87/003, March 1987, OSWER Directive No. 9335.0-7B.
8. "Guidelines and Specifications for Preparing Quality Assurance Project Plans," U.S. EPA, Office of Research and Development, Cincinnati, OH, QAMS-004/80, December 29, 1980.
9. "Interim Guidelines and Specifications for Preparing Quality Assurance Project Plans," U.S. EPA, Office of Emergency and Remedial Response, QAMS-005/80, December 1980.
10. "Users Guide to the EPA Contract Laboratory Program," U.S. EPA, Sample Management Office, August 1982.
11. "Environmental Compliance Branch Standard Operating Procedures and Quality Assurance Manual," U.S. EPA Region IV, Environmental Services Division, February 1, 1991, (revised periodically).
12. "USEPA Contract Laboratory Program Statement of Work for Organics Analysis," U.S. EPA, Office of Emergency and Remedial Response, February 1988.
13. "USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis," U.S. EPA, Office of Emergency and Remedial Response, July 1988.
14. "Quality in the Constructed Project: A Guideline for Owners, Designers, and Constructors, Volume 1, Preliminary Edition for Trial Use and Comment," American Society of Civil Engineers, May 1988.
15. "Interim Guidance on Compliance with Applicable or Relevant and Appropriate Requirements," U.S. EPA, Office of Emergency and Remedial Response, July 9, 1987, OSWER Directive No. 9234.0-05.

16. "CERCLA Compliance with Other Laws Manual," Two Volumes, U.S. EPA, Office of Emergency and Remedial Response, August 1988 (Draft), OSWER Directive No. 9234.1-01 and -02.
17. "Guidance on Remedial Actions for Contaminated Ground Water at Superfund Sites," U.S. EPA, Office of Emergency and Remedial Response, (Draft), OSWER Directive No. 9283.1-2.
18. "Guide for Conducting Treatability Studies Under CERCLA," U.S. EPA, Office of Emergency and Remedial Response, Pre-publication Version.
19. "Health and Safety Requirements of Employees Employed in Field Activities," U.S. EPA, Office of Emergency and Remedial Response, July 12, 1981, EPA Order No. 1440.2.
20. "Standard Operating Safety Guides," U.S. EPA, Office of Emergency and Remedial Response, November 1984.
21. "Standards for General Industry," 29 CFR Part 1910, Occupational Health and Safety Administration.
22. "Standards for the Construction Industry," 29 CFR 1926, Occupational Health and Safety Administration.
23. "NIOSH Manual of Analytical Methods," 2d edition. Volumes I - VII, or the 3rd edition, Volumes I and II, National Institute of Occupational Safety and Health.
24. "Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities," National Institute of Occupational Safety and Health/Occupational Health and Safety Administration/United States Coast Guard/ Environmental Protection Agency, October 1985.
25. "TLVs - Threshold Limit Values and Biological Exposure Indices for 1987 - 88," American Conference of Governmental Industrial Hygienists.
26. "American National Standards Practices for Respiratory Protection," American National Standards Institute Z88.2-1980, March 11, 1981.
27. "Quality in the Constructed Project - Volume 1," American Society of Civil Engineers, 1990.