Memo to the site file

This is a memo to the Martha Rose Chemical Co. site file.
Attached is the site wide ~~SCORES reports~~ used for ~~litigation~~.
cost documents cost recovery

Please retain the pink separator sheets in the original document for filing & scanning.

Name Joe Phillips Date 10/19/12 Phone # 2014

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Martha C. Rose (8L)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

IN THE MATTER OF:

CENTRAL LOUISIANA ELECTRIC COMPANY, INC.
Pineville, Louisiana,

and

CITY OF COLORADO SPRINGS
Colorado Springs, Colorado,

and

COMMONWEALTH EDISON COMPANY
Chicago, Illinois,

and

GENERAL MOTORS CORPORATION
Detroit, Michigan,

and

ILLINOIS POWER COMPANY
Decatur, Illinois,

and

INTERSTATE POWER COMPANY
Dubuque, Iowa,

and

IOWA PUBLIC SERVICE COMPANY
Sioux City, Iowa,

and

KANSAS POWER & LIGHT COMPANY
Topeka, Kansas,

and

Docket No. 87-T-0007

REGIONAL HEARING CLERK
OCT 29 1987
REGION VII

ADMINISTRATIVE ORDER

ON CONSENT

MISSOURI PUBLIC SERVICE COMPANY
Kansas City, Missouri,

and

NEW ENGLAND POWER SERVICE COMPANY
Westborough, Massachusetts,

and

NEW ORLEANS PUBLIC SERVICE, INC./LOUISIANA POWER & LIGHT COMPANY
New Orleans, Louisiana,

and

OKLAHOMA GAS & ELECTRIC COMPANY
Oklahoma City, Oklahoma,

and

OMAHA PUBLIC POWER DISTRICT
Omaha, Nebraska,

and

SOUTHWESTERN ELECTRIC POWER COMPANY
Shreveport, Louisiana,

and

WEST TEXAS UTILITIES COMPANY
Abilene, Texas,

and

CAMPBELL SOUP COMPANY
Camden, New Jersey,

RESPONDENTS.

Proceedings Under Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986, 42 U.S.C. § 9606(a).

ARTICLE I - INTRODUCTION

A. Jurisdiction

1. This Administrative Order on Consent ("CONSENT ORDER") is issued by the Regional Administrator of Region VII of the United States Environmental Protection Agency ("EPA" or "Agency") to Central Louisiana Electric Company, Inc., City of Colorado Springs, Commonwealth Edison Company, General Motors Corporation, Illinois Power Company, Interstate Power Company, Iowa Public Service Company, Kansas Power & Light Company, Missouri Public Service Company, New England Power Service Company, New Orleans Public Service, Inc./Louisiana Power & Light Company, Oklahoma Gas & Electric Company, Omaha Public Power District, Southwestern Electric Power Company, West Texas Utilities Company, and Campbell Soup Company (all of the above hereinafter referred to as the "Respondents"), pursuant to the authority vested in the President of the United States by Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), Pub. L. No. 99-499, 42 U.S.C. § 9606(a), and Section 104(a) of CERCLA, 42 U.S.C. § 9604(a), and delegated to the Administrator of EPA on January 23, 1987, by Executive Order 12580, 52 Fed. Reg. 2923 et seq., and further delegated to the Regional Administrator by EPA Delegations Nos. 14-14-A and 14-14-C, dated April 16, 1984, and February 26, 1987, respectively. Pursuant to

Section 106(a) of CERCLA, 42 U.S.C. § 9606(a), the State of Missouri has previously been notified of this CONSENT ORDER.

2. Each of the Respondents agrees to undertake all actions required by the terms and conditions of this CONSENT ORDER but not to take any other action thereby. The Respondents neither admit nor deny the findings of fact or conclusions of law or the determinations made herein; however, the Respondents agree not to challenge said findings, conclusions or determinations for purposes of this CONSENT ORDER only, and agree not to contest EPA's jurisdiction with respect to this CONSENT ORDER, except as may otherwise be provided for herein. The Respondents reserve all rights each may have to object to, contest, or defend against any allegation of violation of this CONSENT ORDER.

B. Statement of Purpose

1. In order to contribute to the efficient performance of any final remedial actions (which are not to be implemented under the terms of this CONSENT ORDER and to which Respondents do not hereby commit to undertake) at a facility located in Holden, Missouri, where Martha C. Rose Chemicals, Inc. operated a polychlorinated biphenyl (hereinafter "PCB") brokerage, processing and treatment facility (the Holden facility), the parties have entered into this CONSENT ORDER for the purpose of conducting the following activities:

(A) To initiate and complete the removal of PCBs and PCB items, as specifically described in Article V.A., herein, from the Holden facility to EPA-authorized disposal facilities; and

(B) To fully determine the nature and extent of releases or threats of releases of hazardous substances, including PCBs, into the environment at and contiguous to and from the Holden facility (hereinafter "Remedial Investigation" or "RI"), and to evaluate alternatives for appropriate remedial action to prevent or mitigate the release or threatened release of PCBs at and contiguous to and from the Holden facility (hereinafter "Feasibility Study" or "FS") (collectively referred to as "RI/FS").

2. Final remedial actions, consistent with the provisions of CERCLA, as amended by SARA, and the National Contingency Plan (NCP), 40 C.F.R. Part 300, and consistent with the RI/FS required by this CONSENT ORDER are not addressed in nor required by this CONSENT ORDER.

C. Parties

1. This CONSENT ORDER shall be binding upon each of the Respondents, their successors, assigns, subsidiaries, as set forth herein, and EPA; and upon all persons, agents, contractors and consultants acting under or for either the Respondents or EPA or both in carrying out the actions required by this CONSENT ORDER.

2. The Respondents shall provide a copy of this CONSENT ORDER to each contractor, subcontractor, laboratory, and consultant retained to conduct any portion of the work performed pursuant to this CONSENT ORDER prior to said contractor's, subcontractor's, laboratory's or consultant's initiation of work conducted under this CONSENT ORDER.

3. In the event of any change in ownership, or corporate or partnership status of any Respondent, such Respondent shall provide a copy of this CONSENT ORDER to such transferee in interest, notify EPA of such change in ownership, corporate or partnership status, and provide EPA with a copy of a transmittal letter to the new owner, corporation, partnership, or other legal entity which evidences that a copy of this CONSENT ORDER was provided to them by such Respondent.

ARTICLE II - FINDINGS OF FACT

Without administrative hearing, trial or other adjudication of any issues of fact, and without any admission of fact by Respondents, EPA has found the following.

1. Martha C. Rose Chemicals, Inc. (hereinafter "Rose, Inc.") operated a PCB brokerage, processing and treatment facility located at 500 W. McKissock in Holden, Missouri, where PCBs were released as a result of activities of Rose, Inc., its employees, agents or other representatives.

2. Beginning in early 1983 through 1986, Rose, Inc. was engaged in the business of brokerage of PCBs and PCB

items, processing of PCB capacitors and transformers for disposal, and decontamination of mineral oil dielectric fluids containing PCBs.

3. Pursuant to the authority granted to EPA under Section 6(e) of the Toxic Substances Control Act (hereinafter "TSCA"), and regulations promulgated thereunder, Rose, Inc. was granted four approvals to conduct the following activities involving PCBs:

A. to decontaminate mineral oil dielectric fluids containing PCBs at concentrations equal to or less than 10,000 parts per million (ppm) (effective on March 15, 1983, and expired on March 15, 1986);

B. to process PCB capacitors for disposal (effective on October 15, 1983 and revoked by EPA by letter dated July 9, 1986);

C. to process PCB transformers for disposal (effective on July 1, 1984, and revoked by EPA by letter dated July 9, 1986); and

D. to simulate the loaded conditions of in-service use in order to reclassify electrical transformers containing greater than 500 ppm PCBs.

These TSCA approvals only allowed Rose, Inc. to decontaminate and process PCB fluids to less than 2 ppm; to disassemble PCB transformers and capacitors as a waste volume reduction method; to reclassify PCB transformers; and to arrange for the off-site

disposal of transformers and capacitors after testing showed PCB levels at or less than 10 ug/100 cm^2. EPA did not grant Rose, Inc. any other approvals or permits to manage any other substances.

4. The express terms of each approval listed in paragraph 3, except for the approval described in Article II. 3.D., required Rose, Inc. to comply with all applicable federal, state and local environmental laws, regulations and standards.

5. Between 1983 and 1986, the Respondents and other entities' PCB materials were shipped to the Holden facility for proper storage, processing, treatment and disposal under TSCA. Rose, Inc. did not properly manage, handle, and arrange for the lawful disposal of PCBs and PCB items shipped to its facility. The Respondents assert that Rose, Inc. was also in violation of its contractual obligation to each Respondent for failing to properly manage, handle and arrange for the lawful disposal of PCBs and PCB items.

6. Rose, Inc. failed to manage, handle and dispose of PCBs and PCB items in accordance with the applicable federal PCB regulations contained at 40 C.F.R. Part 761 and the TSCA approvals specified in Article II.3.

7. EPA personnel conducted compliance inspections at the Holden facility on November 3 and 4, 1983; August 7-15, 1984; December 19, 1985; January 7, 1986; February 26, 1986; and March 17, 1986. Each such inspection revealed violations

of applicable PCB regulatory requirements, including violations of requirements for the storage and marking of PCBs and PCB items (40 C.F.R. §§ 761.65 and 761.40, respectively); inadequate record keeping (40 C.F.R. § 761.180); and violations of requirements for the disposal and distribution in commerce of PCBs and PCB items (40 C.F.R. §§ 761.60 and 761.20(c), respectively). In response to the above-referenced violations detected during the November 1983 inspection, EPA filed an Administrative Complaint and Notice of Opportunity for Hearing against Rose, Inc. on or about March 26, 1984. The EPA and Rose, Inc. subsequently entered into a Consent Agreement and Final Order, effective June 26, 1984, wherein Rose, Inc. agreed to pay a penalty and take specific actions to come into compliance with the PCB rules and regulations. In response to the above-referenced violations detected during the August 1984 inspection, EPA filed a second Administrative Complaint and Notice of Opportunity for Hearing against Rose, Inc. on or about February 25, 1985. EPA and Rose, Inc. subsequently entered into a second Consent Agreement and Final Order, effective September 27, 1985, wherein Rose, Inc. agreed to pay a civil penalty and take specific actions to come into compliance with the PCB rules and regulations. Rose, Inc. failed to comply with the terms of both Consent Agreements and Final Orders, with the PCB rules and regulations, and with the EPA approvals specified in Article II.3.

8. Beginning in January 1985, the Occupational Safety and Health Administration (OSHA) conducted inspections at the portions of the Holden facility used by Rose, Inc. and American Steel Works, Inc. Based on air and wipe samples taken during the inspections, OSHA issued a citation on or about July 19, 1985, to Rose, Inc. and American Steel Works, Inc. which alleged violations of OSHA standards and assessed civil penalties.

9. Investigations conducted by EPA and/or the Missouri Department of Natural Resources have detected PCBs; in fauna samples downstream from the Holden facility, in sewerage sludge at the City of Holden's publicly-owned treatment works, and in branch and creek sediments downstream from the Holden facility. EPA believes these detected PCBs resulted from releases of PCBs at the Holden facility.

10. In April and May 1986, Rose, Inc. notified, among others, certain Respondents and EPA expressing its unwillingness to come into compliance with the PCB rules and regulations, 40 C.F.R. Part 761, and to properly dispose of PCB and PCB items at the Holden facility.

11. On March 1, 1986, Rose, Inc. ceased operations, and on or near that date abandoned the Holden facility.

12. On or about May 23, 1986, EPA unilaterally issued an Administrative Order (Docket No. 86-F-0006), pursuant to Section 106 of CERCLA, 42 U.S.C. § 9606, to Martha C. Rose

Chemicals, Inc., American Steel Works, Inc., W.C. Carolan Company, Inc., Walter C. Carolan, and Environmental Technology, Inc., among others, which required: (1) the implementation of certain actions in response to a PCB spill that occurred on or about May 13, 1986; (2) the implementation of certain measures to prevent environmental contamination from similar PCB spills; (3) the establishment of site security, including emergency warning and notification systems, construction of a chainlink security fence, and the posting of the Holden facility; and (4) the submission of a detailed inventory/disposal plan for all PCBs and PCB items at the Holden facility. This Order also prohibited the named parties from removing PCBs and PCB items from the Holden facility without EPA's prior approval of a plan to properly decontaminate or dispose of such PCBs and PCB items. The above-named parties refused to comply with the terms and conditions of this Administrative Order. By letters dated June 13 and June 27, 1986, EPA notified the above-named parties that EPA would consider other actions based on the said parties' refusal to comply with this Order.

13. Upon the refusal of the responsible parties identified in Article II.12. to undertake appropriate response actions pursuant to said Administrative Order (Docket No. 86-F-0006), EPA began negotiations with the Respondents, who had formed a group commonly known as the Rose Chemicals Steering Committee (the "Committee") to undertake appropriate response actions at the Holden facility.

14. As a result of the said negotiations, EPA and certain members of the Committee, the City of Holden, Missouri, and Lear Siegler, Inc. entered into an Administrative Order on Consent (AOC), Docket No. 86-F-0019, pursuant to Section 106(a) of CERCLA, 42 U.S.C. § 9606(a), wherein these members of the Committee (namely, the "Generator Respondents") agreed to perform initial response activities at the Holden facility including the stabilization and preliminary assessment of the site. Generally, those activities included:

A. Release Assessment and Containment, wherein the location and extent of any release or threatened release of PCBs which posed an immediate danger to human health or welfare or the environment would be identified and actions taken to contain any such release;

B. Site Stabilization, wherein specific actions were to be taken to stabilize the site and reduce immediate risks of releases of PCBs that threatened human health or welfare or the environment, as determined by EPA's On-Scene Coordinator (OSC);

C. Site Security, wherein specific site actions were to be taken to restrict access and provide security for the site; and

D. Site Evaluation, wherein the Generator Respondents were, from available information, to determine the nature and amounts of contaminated materials at the

Holden facility and perform studies to further define the nature and extent of contamination at the site and to gather data necessary to determine and support final response activities.

15. To implement the provisions of the AOC, Docket No. 86-F-0019, the Generator Respondents, pursuant to Attachment A of the said AOC, which was entitled "STATEMENT OF WORK - INITIAL PHASE MARTHA C. ROSE CHEMICAL, INC. SITE, HOLDEN, MO.," were to conduct immediate response actions and to submit work plans and implement them upon EPA's approval. Work required by the said AOC, Docket No. 86-F-0019, either has been implemented or is in the process of being implemented and/or completed. Certain provisions and requirements of the said AOC, Docket No. 86-F-0019, shall be incorporated into this CONSENT ORDER as described in Article V.C.

16. Based on an inventory of PCBs and PCB items at the Holden facility, conducted pursuant to the AOC, Docket No. 86-F-0019, contractors for the Respondents have identified the following approximate quantity generator-sent PCBs and PCB items at the Holden facility.

Category	Pounds
Soils	791,310 lbs.
Sludges	182,346 lbs.
Transformers	1,887,756 lbs.
Transformer Parts	160,905 lbs.
Whole capacitors	1,486,341 lbs.
Capacitor cores	2,002,261 lbs.
Capacitor parts	167,525 lbs.
Liquids	4,746,011 lbs.
Miscellaneous debris	2,034,640 lbs.
Total Inventory Weight	13,459,095 lbs.

17. In addition to the generator-sent PCBs and PCB items referred to in Article II.16., additional PCB-contaminated items exist at the Holden facility which must be properly decontaminated and/or disposed. These non-generator sent PCB-contaminated items were returned by EPA to the Holden facility from locations in Johnson County, Missouri and Kansas City, Missouri. EPA believes that these PCB-contaminated items became contaminated as a result of contact with generator-sent PCBs. These PCB-contaminated items were moved from the Holden facility by persons known to be associated with Martha C. Rose Chemicals, Inc. in violation of an express provision prohibiting the removal of PCBs and PCB items from the Holden facility. This provision is in the Administrative Order, Docket No. 86-F-0006, more fully described in Article II.12., supra.

18. In addition to PCBs and PCB items referred to in Article II.16. and 17., EPA believes the following PCB contamination exists at the Holden facility.

A. PCB-contaminated equipment and other PCB-contaminated items are present at the Holden facility. The equipment and items were not sent to the Holden facility by the Respondents or other responsible parties, but became contaminated as a result of Rose, Inc.'s activities or as a result of activities by persons known to be associated with Rose, Inc.

B. Surface soil contamination exists on the facility grounds as a result of spills or releases of PCBs, indicating the possibility of some sub-surface contamination.

C. Current and past investigations have revealed the presence of buried materials which may or may not be contaminated with PCBs.

D. Water contained in a warehouse pit, which may be an environmental pathway to groundwater, is contaminated with low concentrations of PCBs.

E. Spills or releases of PCBs have occurred causing contamination of surface waters and pond areas at the Holden facility.

F. The warehouse, wherein the significant portion of PCBs and PCB items are presently located, has been contaminated with PCBs as a result of Rose, Inc.'s activities.

19. On June 20, 1986, certain utility creditors, to wit: Southwestern Electric Power Company, Central Louisiana Electric Company, Inc., The Kansas Power & Light Company and Illinois Power Company filed an involuntary petition in the United States Bankruptcy Court, Western District of Missouri, against Martha C. Rose Chemicals, Inc. Initially, Rose, Inc. did not oppose this petition. A trustee, John R. Stonitsch, was apppointed. The trustee received less than all the records of the bankrupt Rose, Inc. On March 2, 1987, the Trustee and petitioning creditors filed a joint motion for an order nunc pro tunc amending the caption in the involuntary petition to

include alter egos of the debtor. On April 1, 1987, a joint stipulation was filed by which the alter ego entities and individuals confessed the allegations of the motion. The Court granted the motion. The Findings of Fact and Conclusions of Law were filed on June 18, 1987. The name of the debtor now includes the alter egos, to-wit: Martha C. Rose Chemicals, Inc., a Missouri corporation, also doing business as American Steel Works, Inc., a Kansas corporation, and as W.C. Carolan Company, Inc., a Missouri corporation, and as Dust Suppression Systems, Inc., a Missouri corporation, and as Koenig Manufacturing, Inc., a Missouri corporation, and as the Trova Company, a Missouri corporation, and as I.D.C. Limited, a corporation of the Commonwealth of the Bahamas, and Walter C. Carolan, Jr., an individual, and James Bryan Carolan, an individual, its alter egos, Debtors.

20. Polychlorinated biphenyls (PCBs) are defined as any chemical substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contain such substance (40 C.F.R. § 761.3). PCBs have traditionally been used as dielectric and cooling fluids in electrical equipment.

21. Depending upon concentration, degree of chlorination, and duration of exposure, PCBs may cause harmful effects to vegetation and may cause illness, disease, or

other harmful effects to animal life or humans via oral and/or dermal exposure through air transport of PCB-contaminated dust or direct contact.

22. The Holden facility is located within the city limits of Holden, Missouri in a mixed use business, agricultural, and residential area. More specifically, two sides of the Holden facility abut residential development, one side abuts agricultural land, and one side abuts other active business entities.

ARTICLE III - CONCLUSIONS OF LAW

Without administrative hearing, trial or other adjudication of any conclusion of law, without any admission of the following conclusions of law by Respondents, EPA has found as follows.

1. Respondents are each a "person" as defined in Section 101(21) of CERCLA, as amended, 42 U.S.C. § 9601(21).

2. The Holden facility is a "facility" within the meaning of Section 101(9) of CERCLA, as amended, 42 U.S.C. § 9601(9).

3. The PCBs and PCB items at the Holden facility or which have been released at or from the said facility are "hazardous substances" as defined in Section 101(14) of CERCLA, as amended, 42 U.S.C. § 9601(14).

4. The actual and potential for spillage, leakage and escaping of PCBs at and from the Holden facility and the

presence of PCBs in grounds at and contiguous to the Holden facility constitute an actual or a threat of "release" into the environment as defined by Sections 101(22) and 106(a) of CERCLA, as amended, 42 U.S.C. §§ 9601(22) and 9606(a).

5. The activities described in Article V.A., constitute "removal" actions as defined by Section 101(23) of CERCLA, as amended, 42 U.S.C. § 9601(23).

ARTICLE IV - DETERMINATIONS

Based on the foregoing findings of fact and conclusions of law, and upon a review of pertinent records, the Regional Administrator has determined that:

A. there may be an imminent and substantial endangerment to the public health or welfare or the environment because of the presence of an actual or threatened release of hazardous substances namely, PCBs, at or from the Holden facility;

B. in order to protect public health and welfare and the environment, it is necessary that the response actions set forth and required by this CONSENT ORDER be taken to mitigate the release and/or threat of release of PCBs from or at the Holden facility;

C. the actions required by the terms of this CONSENT ORDER are in the public interest and consistent with the National Contingency Plan, 40 C.F.R. Part 300; and

D. the Respondents, who will undertake the removal actions and conduct the RI/FS, as required by Article V of this CONSENT ORDER, are qualified to undertake such activities and will do so in a proper manner.

ARTICLE V - ORDER

The Respondents agree to undertake all actions required by the provisions of this CONSENT ORDER and the Respondents acknowledge that each is individually liable for compliance with the applicable requirements of this CONSENT ORDER. All work performed pursuant to this CONSENT ORDER shall be under the direction of qualified personnel. The Respondents shall notify EPA as to the identity of such personnel and of any contractors and subcontractors to be used in carrying out the activities described in the attached Statement of Work and obtain EPA's approval prior to their use.

Based on the foregoing, it is therefore AGREED and ORDERED as follows.

A. Removal Activities.

1. The removal actions identified in Attachment A, "STATEMENT OF WORK, REMOVAL OF PCB WASTES, MARTHA C. ROSE CHEMICALS, INC., HOLDEN, MO.," (hereinafter, "SOW") which is incorporated herein in its entirety by this reference, shall be conducted in accordance with the PCB rules and regulations, 40 C.F.R. Part 761, unless otherwise specifically provided for herein.

2. Within fifteen (15) work days of the effective date of this CONSENT ORDER, the Respondents shall submit a proposed time schedule for implementation of activities undertaken pursuant to the SOW. Such time schedule is subject to EPA review, modification and approval. The EPA shall complete its review of such schedule in an expeditious manner and shall notify the Respondents in writing of EPA's approval or disapproval of the schedule or any part thereof. In the event of any disapproval, EPA shall specify in writing both the deficiencies and any EPA recommended modifications regarding the schedule. Upon Respondents' receipt of any EPA disapproval, the provisions of Article VI.J., Resolution of Disputes, shall apply.

3. Within fifteen (15) work days of the date (as approved by EPA under Article V.A.2.) of the award of the primary contract to conduct the removal actions, or within thirty (30) work days of the effective date of this CONSENT ORDER, whichever is sooner in time, the Respondents shall submit a Work Plan for implementation of all removal actions conducted pursuant to this CONSENT ORDER and the SOW. The Removal Work Plan shall be the implementation instructions which Respondents' contractor(s) and/or subcontractor(s) will follow in conducting the removal actions pursuant to this CONSENT ORDER and shall include, at a minimum; details on what

and how PCB materials/wastes will be removed from the Holden facility, where materials will be sent, the documentation and records to be maintained relating to the removal actions, and safety procedures to be utilized during the removal actions. The Removal Work Plan is subject to EPA review, modification and approval. The EPA shall complete its review of the Removal Work Plan in an expeditious manner and shall notify the Respondents in writing of EPA's approval or disapproval of the Removal Work Plan or any part thereof. In the event of any disapproval, EPA shall specify in writing both the deficiencies and any EPA recommended modifications regarding the Removal Work Plan. Upon Respondents' receipt of any EPA disapproval, the provisions of Article VI.J., Resolution of Disputes, shall apply.

B. Remedial Investigation/Feasibility Study Activities.

1. The Respondents shall develop a Work Plan for, and conduct, a RI/FS relevant to the selection of final remedial actions at the Holden facility. The Respondents shall reimburse EPA for any costs incurred in connection with EPA, its employees, agents, contractors, or other authorized representatives, in overseeing and reviewing the development of the RI/FS Work Plan and implementation or conduct of said RI/FS. Such reimbursement shall be in accordance with Article VI.D., herein.

2. The development of the RI/FS Work Plan and the conduct of the RI/FS, after EPA's approval of the said Work Plan, shall be in accordance with the National Contingency Plan, 40 C.F.R. Part 300. The FS shall use applicable technical parameters set forth in EPA's "Polychlorinated Biphenyls Spill Cleanup Policy," 52 Fed. Reg. 10688 et seq. Upon EPA's approval of the RI/FS Work Plan, said Work Plan shall be made part of and be incorporated into this CONSENT ORDER as Attachment "B".

3. The RI shall address, at a minimum, the following matters with primary attention to PCBs:

(A) surface contamination of soils;

(B) surface water/sediment contamination;

(C) groundwater contamination;

(D) subsurface contamination; and

(E) a full characterization of the contamination of the onsite structures, buildings, concrete, pits, floors, curbings and PCB items and other PCB-contaminated materials specifically excluded from the SOW and identified in Article II.17. and Article II.18.A.

4. Within ninety (90) calendar days of the effective date of this CONSENT ORDER, Respondents shall submit the RI/FS Work Plan which shall include all appropriate activities set forth in EPA's "Guidance on Remedial Investigations Under CERCLA (June 1985)" and EPA's "Guidance on Feasibility

Studies Under CERCLA (June 1985)," and a proposed time schedule for implementation of each discrete RI/FS activity. The RI/FS Work Plan is subject to EPA review, modification and approval. The EPA shall complete its review of such Work Plan in an expeditious manner and shall notify the Respondents in writing of EPA's approval or disapproval of the Work Plan or any part thereof. In the event of any disapproval, EPA shall specify in writing both the deficiencies and any EPA recommended modifications regarding the RI/FS Work Plan. Upon Respondents' receipt of any EPA disapproval, the provisions of Article VI.J., Resolution of Disputes, shall apply.

C. Incorporation of Administrative Order on Consent, Docket No. 86-F-0019

1. The work required by the Administrative Order on Consent (AOC), Docket No. 86-F-0019, which is incorporated herein by reference as Attachment C, has either been implemented or is near completion. The following described actions or activities required by the said AOC shall be incorporated herein and shall, upon the effective date of this CONSENT ORDER, either be undertaken and/or implemented, if not already implemented, by the Respondents in accordance with this paragraph.

(A) Release Assessment and Containment. Respondents shall continue to monitor the Holden facility for releases or threats of releases of PCBs which may pose an immediate danger to human health or welfare or the environment

and, with respect to such releases or threats of releases, contain such releases or take appropriate actions to eliminate such threats of releases. Within twenty (20) work days of the effective date of this CONSENT ORDER, Respondents shall submit a detailed report to EPA regarding all actions that have been undertaken to the effective date of this CONSENT ORDER, to comply with the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 1.

(B) Site Stabilization. Respondents shall continue to monitor the Holden facility to stabilize the site to reduce immediate risks of releases of PCBs that threaten human health or welfare or the environment as determined by EPA's OSC or Project Coordinator. Such stabilization shall include continued compliance with the AOC Statement of Work - paragraph 2. Within twenty (20) work days of the effective date of this CONSENT ORDER, Respondents shall submit a detailed report to EPA regarding all actions that have been undertaken to the effective date of this CONSENT ORDER to comply with the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 2.

(C) Site Security - Respondents shall continue to restrict access and provide security to the site in accordance with the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 3. The EPA expressly acknowledges that the Respondents have a qualified right of access at the Holden

facility and EPA agrees to exercise reasonable use of its statutory powers to regain access if the City of Holden and/or Lear Siegler, Inc. restrict the Respondents' access to the Holden facility and if the Respondents have exercised best efforts to regain said access.

(D) Site Survey - Respondents shall, within ten (10) work days of the effective date of this CONSENT ORDER, submit a detailed sampling and inventory report relating to all work performed pursuant to the AOC, Docket No. 86-F-0019, Statement of Work - paragraphs 5 and 6. The sampling report shall include at a minimum: (1) results obtained from analyzed samples taken at the Holden facility, including air sampling, samples taken from all area sampling grids and all water, sediment, storm drain, sewer drain, and wipe samples; (2) quality assurance/quality control efforts and results including use of duplicate samples, spike samples and blank samples; and (3) all chain of custody and field sheets for all samples taken. The inventory report shall include all data, measurements, or other information that has been collected by the Respondents relating to each PCB item and all other PCBs at the Holden facility. The inventory report shall include a description of all codes utilized by the Respondents in conducting their site inventory.

(E) Work Plans. Respondents shall, within ten (10) work days of the effective date of this

CONSENT ORDER, revise and resubmit the Work Plans required by the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 6. The Respondents may modify and utilize such plans as appropriate to comply with the provisions of this CONSENT ORDER.

2. Upon approval by EPA of all reports, plans or other documents submitted pursuant to Article V.C., the requirements of the AOC, Docket No. 86-F-0019, except for the surviving provisions identified in Article V.C.3. and as otherwise provided for in this CONSENT ORDER, shall be satisfied and terminated. The EPA shall notify Respondents of this approval and that the requirements of the AOC, Docket No. 86-F-0019, are satisfied and that work conducted under the said AOC was conducted in accordance with the National Contingency Plan, 40 C.F.R. Part 300.

3. The following provisions and/or requirements shall survive the notification by EPA that the provisions of the AOC, Docket No. 86-F-0019, have been satisfied and terminated: Article VI.B., Records; Article VI.C.1., Access to the Site; Article VI.E., Liability; Article VI.G., Record Preservation; Article VI.K., Reservation of Rights; and Article VI.L., Other Claims.

ARTICLE VI - PROCEDURAL AND LEGAL PROVISIONS

A. Authorized Representatives

1. The Respondents, as a single entity, hereby designate the below-named individual (and alternate) as the single representative who shall be authorized to represent

each and every Respondent in all matters pertaining to this CONSENT ORDER. Said representative (hereinafter the "Respondents' Executive") shall have authority both to receive all reports, comments, notifications, and other correspondence from EPA pursuant to this CONSENT ORDER and convey decisions on behalf of the Respondents. The Respondents have the right to change the said Respondents' Executive or alternate by notifying EPA in writing at least five (5) calendar days prior to said change.

	(Alternate)
Mr. Jene L. Robinson	Mr. Jay Pruett
500 S. 27th Street	P.O. Box 21106
Decatur, Illinois 62525	428 Travis Street
217-424-6834	Shreveport, Louisiana 71156-0001
	318-221-2604

2. On or before the effective date of this CONSENT ORDER, the Respondents shall designate a Project Coordinator, if other than the Respondents' Executive, or after said effective date if the Respondents decide to divide the responsibilities of the said Executive and Project Coordinator. EPA's Project Coordinator is identified in Article VI.A.3. Each Project Coordinator shall be responsible for overseeing the implementation of the provisions of this CONSENT ORDER. Communications between the Respondents and EPA that concern technical issues and/or matters shall be directed through the EPA Project Coordinator and the Respondents' Executive and/or the Respondents' Project Coordinator. The Respondents and

EPA each have the right to change their respective Project Coordinator(s). Such change shall be accomplished by notifying the other party in writing at least five (5) calendar days prior to said change.

3. All correspondence, reports, work plans and other writing required under the terms of this CONSENT ORDER, to be submitted to EPA, shall be sent to the EPA's Project Coordinator:

Mr. Steven Kinser, Project Coordinator
Waste Management Division
U.S. Environmental Protection Agency
Region VII
726 Minnesota Avenue
Kansas City, Kansas 66101

B. Record Preservation and Availability of Information

1. Respondents, and/or their designated agents, shall preserve, during the pendency of this CONSENT ORDER and for a minimum of seven (7) years after its termination, at least one copy of all records and documents in their possession or in the possession of their divisions, employees, agents, accountants, or contractors which relate in any way to the Holden facility or work performed pursuant to this CONSENT ORDER, notwithstanding any document or record retention policy to the contrary. Such records include, but are not limited to, sampling records, results of analyses, chain-of-custody records, manifests, trucking logs, receipts, reports, records of destination of PCBs, correspondence and other documents

created or produced pursuant to this CONSENT ORDER. After this seven year period, the Respondents shall notify EPA at least sixty (60) calendar days prior to the destruction of any such document. Upon request by EPA, the Respondents shall make available to EPA such records or documents, or copies thereof, provided they are not attorney work-product or subject to the attorney-client privilege, if requested by EPA within the said sixty (60) day period.

2. Upon written request from EPA, Respondents shall promptly, but in no instance longer than ten (10) calendar days after request by EPA, make available to EPA all scientific or technical data in their possession or control generated by the Respondents, or on behalf of the Respondents, that concern the Holden facility. Scientific and/or technical data shall include, but is not limited to, all records specifically identified and described in Article VI.B.1. and all background or preliminary records or documentation that are used in any way as a basis for any reports or studies required by this CONSENT ORDER. Upon request, EPA will make available to Respondents all sampling and analytical data (including split samples) and hydrological or geological information in its possession that pertains to the Holden facility.

3. The Respondents may assert a business confidentiality claim covering part or all of the information submitted under this CONSENT ORDER in the manner set out in 40 C.F.R. § 2.203(b). The information covered by such a claim will be

disclosed by EPA only to the extent, and by the means of the procedures, set forth in 40 C.F.R. Part 2, Subpart B (1986). If no confidentiality claim accompanies the information when it is received by EPA, it may be made available to the public by EPA without further notice to the Respondents.

4. All records submitted to EPA pursuant to this Article shall be sent to the designated EPA Project Coordinator.

5. The terms and provisions of this CONSENT ORDER shall not be interpreted or construed as preventing EPA from requesting information or records pursuant to its authorities under the law.

C. Access to the Site

1. Respondents shall grant EPA and/or its authorized representatives the authority to enter and freely move about all areas at the Holden facility at all reasonable times for the purposes of, inter alia: inspecting records; reviewing the progress of the Respondents in carrying out the provisions of this CONSENT ORDER; conducting such tests and taking such samples as EPA deems necessary; using a camera, sound recording, or other documentary type equipment; and verifying the data submitted to EPA by the Respondents. With the exception of documents covered by the attorney-client privilege or attorney work-product, the Respondents shall permit EPA or its authorized representatives to inspect and copy all records, files, photographs, documents and other writings (including all sampling and monitoring data) which in any way pertains to work undertaken

pursuant to this CONSENT ORDER. At the request of the Respondents, EPA and/or its authorized representatives shall allow the Respondents to split or duplicate any samples collected by EPA and/or its authorized representatives.

2. The City of Holden and/or Lear Siegler, Inc. have provided access to Respondents as necessary for the Respondents to implement the terms of the AOC, Docket No. 86-F-0019, and such access continues to be effective as of the date of this CONSENT ORDER. To the extent that the Holden facility or properties adjacent to the Holden facility are controlled by parties other than those bound by this CONSENT ORDER and that access to the Holden facility or properties adjacent to the Holden facility is necessary to fulfill the conditions of this CONSENT ORDER, including the accompanying Statement of Work, the Respondents will use their best efforts to obtain/maintain access. In the event that such necessary access agreements cannot be obtained, or if obtained, are revoked by entities controlling access to the Holden facility or property near the Holden facility, Respondents shall notify EPA. If the Respondents cannot obtain or lose access, despite best efforts, EPA agrees to exercise reasonable use of its applicable statutory authority to assist the Respondents in obtaining such access where voluntary access is denied. Nothing contained herein is intended to relieve the Respondents from complying with any clause or provision in existing agreements

setting out rights or obligations of the Respondents being given access to the Holden facility or property near the Holden facility.

3. Nothing herein shall be construed as restricting the inspection or access authority of EPA under federal law or regulations.

D. Reimbursement of Costs

Pursuant to Article V.B., the Respondents shall reimburse EPA for costs EPA incurs, not inconsistent with the National Contingency Plan, in connection with overseeing and reviewing the conduct of the RI/FS. Within one hundred-twenty (120) calendar days after the end of each Federal fiscal year, EPA shall submit to the Respondents an accounting of all such costs incurred in overseeing and reviewing the conduct of the RI/FS during the previous fiscal year. The Respondents shall, within thirty (30) calendar days of receipt of that accounting, forward a cashiers check for the amount of said costs made payable to the Hazardous Substance Superfund. Checks should specifically reference the identity of the site and the docket number of this CONSENT ORDER and be addressed to:

U.S. Environmental Protection Agency
Superfund Accounting
P.O. Box 371003M
Pittsburgh, Pennsylvania 15251
Attention: Superfund Collection Office

A copy of the transmittal letter and cashier's check shall be sent to the EPA Project Coordinator by the Respondents.

E. EPA Oversight

The EPA may appoint an On-Scene Coordinator (OSC) who shall have the authority vested by the National Contingency Plan at 40 C.F.R. Part 300. This includes the authority to halt, conduct or direct any activities required by this CONSENT ORDER and/or any response actions or portions thereof when conditions present an imminent and substantial endangerment to the public health or welfare or the environment or when necessary to assure that such activities or actions are not inconsistent with the National Contingency Plan. The OSC, or any person designated by the OSC, will have the right to move freely about the Holden facility at all times when work is being carried out pursuant to this CONSENT ORDER. In the absence of designation of an EPA OSC, EPA's Project Coordinator shall assume the authorities specifically provided for herein.

F. Liability

1. Neither the United States nor any agency or agents or employees thereof shall be liable for any injuries or damages to persons or property resulting from acts or omissions of Respondents, their officers, directors, employees, agents, servants, receivers, trustees, successors, or assignees, or of any persons, including but not limited to firms, corporations, subsidiaries, contractors or consultants, in carrying out activities pursuant to this CONSENT ORDER, nor shall the United States or any agency or agents or employees thereof be

held out as a party to any contract entered into by the Respondents in carrying out activities pursuant to this CONSENT ORDER. This paragraph does not apply to any agency of the United States that has been identified as a potentially responsible party at the Holden facility.

2. Nothing in this CONSENT ORDER, including its attachments, is intended to be, nor shall it be, an admission of fact or law, an estoppel or waiver of defenses for any purpose except as expressly provided herein. Nothing herein is intended to be, nor shall it be, a release or settlement of any private claims or injuries known or unknown to persons or property of any private person or local government agency.

3. Except as provided for in Article VI.N.4., nothing in this CONSENT ORDER, including its attachments, is intended to be, nor shall it be, a final settlement of liabilities between EPA and Respondents with respect to environmental conditions that exist at the Holden facility.

4. Except for the penalties provided for in Article VI.G. and P., the costs incurred by Respondents in complying with the provisions of this CONSENT ORDER are not intended to be and shall not be construed as penalties.

G. Penalties for Non-Compliance

1. Upon notification by EPA, the Respondents shall be subject to and pay stipulated penalties, that have not been forgiven pursuant to Article VI.G.5., as follows

for each day Respondents fail to meet the time deadlines required in Articles V.A.2., V.A.3., V.B.4. and V.C. of this CONSENT ORDER:

Days After Due Date	Penalty
1-10	$250.00
11-	$500.00

2. Stipulated penalties shall accrue as follows for each day Respondents fail to meet interim time deadlines for implementation of either the RI/FS (except Articles V.A.2. and V.A.3.) or Removal Work Plans:

Days After Due Date	Assessment For Each Day
1-10	$250.00
11-21	$500.00
21-	$1000.00

3. Upon notification by EPA, the Respondents shall be subject to and pay stipulated penalties, that have not been forgiven pursuant to Article VI.G.5., at the rate of $5,000 for each day Respondents fail to meet final completion time deadlines set forth in either the Removal Work Plan or the RI/FS Work Plan. The Respondents shall be subject to and pay stipulated penalties under this paragraph, unless and to the extent a time delay is granted under the provisions of Article VI.K., Delay in Performance.

4. Where the Respondents fail to meet the interim time deadlines provided for in Article VI.G.2., EPA shall forgive the relevant accrued interim deadline stipulated penalties, if and when Respondents meet the final completion time deadlines set forth in the Removal Work Plan or RI/FS Work Plan.

5. Any stipulated penalties which are due under Articles VI.G.1., VI.G.2., or VI.G.3. may be forgiven by EPA at the Agency's election.

6. All stipulated penalties paid under Article VI.G. shall be payable by cashiers check to the Hazardous Substances Superfund. Checks shall specifically reference the identity of the site and the docket number of this CONSENT ORDER and be addressed to:

U.S. Environmental Protection Agency
Superfund Accounting
P.O. Box 371003M
Pittsburgh, Pennsylvania 15251
Attention: Superfund Collection Office

7. Any stipulated penalty paid by the Respondents under this Article V.I.G., constitute a credit against penalties imposed by EPA under Section 106(b) of CERCLA, as amended, and against punitive damages imposed by EPA under Section 107(c)(3) of CERCLA, as amended. This credit provision shall not apply to violations of this CONSENT ORDER not specified in this Article VI.G.

H. Other Applicable Laws

1. All actions required to be taken pursuant to this CONSENT ORDER shall be undertaken in accordance with legally relevant and applicable EPA policies and with the requirements of all applicable local, state and federal laws and regulations, including the PCB rules and regulations at 40 C.F.R. Part 761, as determined by EPA.

2. To the extent that compliance with any federal, state, or local law, or requirement is delayed despite Respondents good faith effort to comply, EPA agrees that the Respondents are not thereby in violation of this CONSENT ORDER nor the applicable law or regulation.

I. EPA Review

Following EPA's receipt of any submittal, plan, report, schedule, or any part or refinement or revision thereof, required to be submitted by the Respondents to EPA pursuant to this CONSENT ORDER, EPA shall review such submittal, plan, report, or schedule in an expeditious manner and notify the Respondents in writing of its approval or disapproval or modification of the submittal, plan, report, schedule, or any part or further refinement or revision thereof. In the event of any disapproval or modification, EPA shall specify in detail both the deficiencies and reason(s) therefore. Any submittal, plan, report, schedule, or any part or further refinement or revision thereof, which is approved by EPA and performance of which is not contingent upon determining or proceeding with a disapproved or modified part of the submittal, plan, report or schedule shall, on the date of such approval, become final for purposes of this CONSENT ORDER.

J. Resolution of Disputes

1. As to any submittal, plan, report, schedule, or any part or refinement or revision thereof, for which EPA has

provided the Respondents a written notice of disapproval pursuant to the provisions of this CONSENT ORDER, the Respondents shall, within fourteen (14) calendar days of receipt of such notice either:

(A) modify and resubmit to EPA such submittal, plan, report, or schedule, or portion thereof, revised to eliminate the deficiencies or unacceptable provisions therein as specified by EPA, in which case the disputed submittal, plan, report, or schedule, or refinement or revision thereof, shall become final for purposes of this CONSENT ORDER upon written notification of EPA's approval; or

(B) confer with EPA in an attempt to achieve agreement on the disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof. If agreement can be achieved by such conference, it will be memorialized in a joint memorandum between the parties and the disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof, shall become final for purposes of this CONSENT ORDER on the effective date of such memorandum.

2. If agreement concerning the disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof, cannot be achieved by means of the procedures set out in Article VI.J.1.(A) and (B), Respondents may either request a conference before the Regional Administrator or present a written presentation to the Regional Administrator (or both)

in an attempt to resolve said disputed matter(s). Respondents' request for a conference or submission of a written presentation (if a conference is not requested) must be received by EPA within ten (10) work days of receipt by Respondents' Executive or Project Coordinator of any written notice of disapproval. Within twenty (20) work days of receipt of any notice of disapproval by the Respondents' Executive or Project Coordinator, or within ten (10) work days of said conference (or receipt of the written presentation, if a conference is not requested) whichever occurs later in time, the Regional Administrator shall provide the Respondents a written decision regarding said disputed matter(s) and advise the Respondents to take such actions as are appropriate to achieve the goals of this CONSENT ORDER.

3. None of the foregoing provisions shall prohibit any party from pursuing appropriate judicial or other remedies as provided by law on the disputed portions of any submittal, plan, report, or schedule; or from seeking such further and additional relief; or from undertaking such response actions as may be necessary to protect human health or welfare or the environment.

4. If agreement concerning any disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof, cannot be achieved by means of the procedures set out in Article VI.J.1. (A) and (B), and if Respondents request either a conference before the Regional Administrator

or present a written presentation to the Regional Administrator (or both) pursuant to Article VI.J.2., and if such a disagreement and subsequent review by the Regional Administrator causes a delay that would subject Respondents to stipulated penalties under Article VI.G., such stipulated penalties shall continue to accrue. To the extent the Regional Administrator's written decision under Article VI.J.2. totally adopts Respondents' position with respect to a disagreement, the relevant accrued stipulated penalties shall be forgiven and an appropriate time extension relevant to a disputed matter and at least equal to the delay caused by the institution of the process described in Article VI.J.2. shall be granted in the Regional Administrator's written decision. To the extent the Regional Administrator's written decision under Article VI.J.2. either totally adopts EPA's position or partially adopts Respondents' position and partially adopts EPA's position with respect to a disagreement, the amount of the accrued stipualted penalties, if any, resulting from the delay caused by the institution of the process described in Article VI.J.2. shall become due and payable as specified in the Regional Administrator's written decision.

5. The time periods of Article VI.J. may be extended by the written agreement of the parties involved.

K. Delay in Performance

1. If any event occurs which causes delay in the achievement of any of the requirements of this CONSENT ORDER,

despite the Respondents' good faith efforts, the Respondents shall promptly notify EPA's On-Scene Coordinator and/or Project Coordinator orally within seventy-two (72) hours of the event and shall, within seven (7) calendar days of said oral notification to EPA, notify EPA in writing of the anticipated length and cause of the delay, the measures taken and/or to be taken to prevent or minimize the delay, and the timetable by which the Respondents intend to implement said measures. For purposes of this CONSENT ORDER, such events are defined as any event arising from circumstances beyond the reasonable control of the Respondents which could not be overcome by good faith efforts, including but not limited to: inability to obtain materials or otherwise perform due to an act of God, act of public enemy, war, blockade, public riot, lightning, fire, storm, flood, explosion, labor disputes; delay caused solely by EPA or other government agenies or their contractors; or delay in obtaining or maintaining access. Increased costs of performance of the terms of this CONSENT ORDER, except exceptional, commercially impractical disposal costs as specified in Article VI.K.4., shall not be considered circumstances beyond the control of the Respondents. The Respondents shall adopt all reasonable measures to avoid or minimize delays, which shall include use of alternate disposal facilities in the event any original chosen disposal facility becomes unavailable for any reason.

2. The EPA, through its Project Coordinator, shall acknowledge the Respondents' notice of delay and consider granting any appropriate time extension by letter to the Respondents' Executive or Respondents' Project Coordinator. Disputes concerning the period of additional time necessary to complete work shall be resolved through Article VI.J., Resolution of Disputes.

3. In the event EPA agrees that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of the Respondents, such delay shall not be deemed a violation of either this CONSENT ORDER or applicable law and the time for performance hereunder shall be extended for an appropriate period of time. An extension of time granted by EPA in complying with an incremental step in any schedule established pursuant to this CONSENT ORDER may extend for a time period exceeding the delay time period and may extend each subsequent step.

4. The EPA and Respondents acknowledge that conditions at off-site storage, treatment, or disposal (TSD) facilities may require the Respondents to cease sending wastes to such facilities. The Respondents shall inform EPA of the name and address of each of the Respondents' off-site TSD facilities. Upon receipt of relevant information that EPA has interdicted or is likely to interdict any of Respondents' off-site TSD facilities, EPA's Project Coordinator shall immediately notify the Respondents

of such interdiction or possible interdiction. Upon receipt of the EPA's Project Coordinator's notification that EPA has interdicted one of Respondents' off-site TSD facilities, Respondents shall cease sending Holden facility wastes to the interdicted facility. If EPA interdicts one or more of the Respondents' off-site TSD facilities, EPA - Region VII agrees to: (i) assist the Respondents in identifying the cause for each of the facility's interdiction; (ii) appropriately suspend the time deadlines imposed under the CONSENT ORDER for compliance made impossible because of the interdiction; and (iii) apply the Resolution of Disputes mechanism, Article VI.J., to any disagreement regarding the added time period necessary for the Respondents to identify, submit bids, and contract for the services of a conforming TSD facility. EPA does not intend that Respondents incur exceptional, commercially impractical expense and therefore EPA agrees that the Respondents are allowed sufficient time to negotiate commercial terms should EPA interdict one or more of the Respondents' off-site TSD facilities.

L. Subsequent Modification or Amendment

This CONSENT ORDER may be amended or modified by mutual agreement of EPA and the Respondents, and may include amendments or modifications necessary to address such cleanup or decontamination activities not currently addressed in this

CONSENT ORDER but which are necessary to protect public health or welfare or the environment. Such amendments or modifications shall be in writing and shall have as their effective date, the date on which such amendments or modifications are signed by EPA after Respondents have signed such amendment or modification.

M. Reservation of Rights

1. Notwithstanding compliance with the terms of this CONSENT ORDER, the Respondents are not released from liability for any actions taken by EPA, if any, beyond the terms of this CONSENT ORDER. EPA reserves the right to take, and the Respondents reserve the right to oppose, any enforcement action pursuant to CERCLA and/or any available legal authority, including the right to seek injunctive relief, monetary penalties, and punitive damages for any violations of law or of this CONSENT ORDER.

2. The Respondents and EPA expressly reserve all rights and defenses that they may have, including EPA's right to request that the Respondents perform tasks in addition to those required in Article V., of this CONSENT ORDER. The Respondents reserve the right to oppose such requests. In addition, EPA reserves the right to undertake removal actions and/or remedial actions at any time after first notifying and, if sufficient time exists, conferring with Respondents or their designated representatives prior to initiating any removal or remedial action at the Holden facility. In either

event, EPA reserves the right to seek reimbursement from the Respondents thereafter for such costs incurred by the United States as are not inconsistent with the National Contingency Plan, and Respondents reserve the right to contest any such action.

3. Each Respondent reserves its right to bring any action, including an action for contribution otherwise available against any person, as defined in Section 101(21) of CERCLA, as amended, 42 U.S.C. § 9601(21).

N. Other Claims

1. Except as expressly provided herein and in CERCLA, as amended, no provision in this CONSENT ORDER is intended or shall be construed as a release by any party of any claims, causes of action or demand in law or equity against any person, firm, partnership, corporation or governmental entity for any liability it may have arising out of or relating in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous substances taken to or taken from the Holden facility or otherwise released at or from the Holden facility.

2. This CONSENT ORDER does not constitute preauthorization of funds under Section 111(a)(2) of CERCLA, 42 U.S.C. § 9611(a)(2).

3. In entering into this CONSENT ORDER, Respondents waive any right to seek reimbursement under

Section 106(b)(2) of CERCLA, as amended, for any past costs and costs that may be incurred by Respondents in complying with the provisions of this CONSENT ORDER.

4. In accordance with its policies, EPA waives any claims it might have under TSCA to assess civil penalties against any and all Respondents which have arisen or which may arise out of the failure of Rose, Inc. to dispose of any Respondents PCBs, PCB items, and/or PCB-contaminated materials (sent by said Respondent to the Holden facility) within one (1) year from the date when said PCBs, PCB items and/or PCB-contaminated materials were first placed into storage for disposal [40 C.F.R. § 761.65 (a)]. This waiver applies only to the one-year disposal requirement specified in 40 C.F.R. § 761.65 and is expressly conditioned to each Respondent upon:

(A) Respondent having delivered the said PCBs, PCB items and/or PCB-contaminated materials to the Holden facility at least ninety (90) days prior to the expiration of one year from when the PCBs, PCB items, and/or PCB-contaminated materials were first placed into storage for disposal; and

(B) compliance with the terms and provisions of this CONSENT ORDER.

Except as provided for in Article N.4., the Respondents remain liable for the proper disposal of PCBs, PCB-items, and

PCB-contaminated materials under applicable provisions of TSCA and CERCLA. PCBs and PCB items which are presently in storage for disposal at the Holden facility shall be disposed of at either a TSCA-approved landfill or TSCA-approved incinerator within sixty (60) days from the date said PCBs or PCB items are removed and transported from the Holden facility to the TSCA-approved landfill or incinerator. For purposes of complying with the terms of this CONSENT ORDER and with the one (1) year disposal requirement in 40 C.F.R. § 761.65(a) and to facilitate the expeditious clean-up of the Holden facility, EPA has agreed to exercise its enforcement discretion not to seek penalties against off-site disposal facilities for violations of the TSCA one-year disposal requirement as long as PCBs and PCB items are disposed of within the said sixty (60) day time period. The EPA also agrees, in accordance with its TSCA Compliance Program Policy No. 6-PCB-6 dated August 16, 1983, which is herein incorporated by reference as Attachment D, that any off-site disposal facility's failure to dispose of PCBs or PCB items governed by this CONSENT ORDER, within the said sixty (60) days, shall not subject Respondents to penalties under TSCA for any disposal facility's failure to dispose of PCBs or PCB items within the said sixty (60) days.

5. If EPA seeks to recover its past response costs (to the effective date of this CONSENT ORDER), and/or response costs it incurs in overseeing the implementation of this CONSENT

ORDER (excluding costs relating to overseeing the development and implementation of the RI/FS as provided for in Article VI.D.), EPA agrees to use its best efforts to recover said costs from non-participating potentially responsible parties who are identified to EPA under Article VI.S.1.C. EPA asserts that its agreement to use its best efforts to seek recovery of such costs from such non-participating parties is conditional upon there being such non-participating parties who are aggregately responsible for at least 5% of the total of all PCB wastes sent to the Holden facilty, based on weight, except that excluded from this calculation are the PCB-wastes of such non-participating parties whose indebtedness or liability, for the subject EPA response costs, has been discharged in a bankruptcy proceeding.

O. Satisfaction and Completion

The requirements of this CONSENT ORDER shall be deemed satisfied upon written notice from EPA that the Respondents have demonstrated, to the satisfaction of EPA, that all of the terms of this CONSENT ORDER have been completed. EPA shall notify the Respondents in writing if the reports, one submitted at the completion of activities described in the Statement of Work and the other upon completion of the RI/FS, do not demonstrate that all the terms of this CONSENT ORDER have been completed. In its written notification, EPA shall describe all deficiencies that must be addressed to fully comply with the terms of this CONSENT ORDER. The provisions of Article VI.J., Resolution of Disputes, shall then apply.

P. Failure to Comply

The Respondents are advised that, under Section 106(b) of CERCLA, 42 U.S.C. § 9606(b), a Respondent's willful violation or failure or refusal to comply with any provision of this CONSENT ORDER may subject that Respondent to a civil penalty of not more than $25,000 for each day in which such violation occurs or such failure to comply continues. Under Section 107(c)(3) of CERCLA, 42 U.S.C. § 9607(c)(3), a Respondent's failure to comply with any portion of this CONSENT ORDER without sufficient cause, may subject that Respondent to liability for punitive damages in an amount up to three times the amount of any costs incurred by the government as a result of that Respondent's failure to take proper action. Respondents reserve the right to contest, on all bases available in law or equity, any such actions for penalties or damages.

Q. Contribution Protection

1. The parties recognize the possibility that there may be brought or asserted against the Respondents, and such other participating potentially responsible parties identified to EPA pursuant to Article VI.S.1.A. and B., suits or claims for contribution regarding matters addressed in this CONSENT ORDER by persons or entities that have not entered into this settlement (non-participating potentially responsible parties) that might, if successful, obligate the Respondents to pay amounts toward matters addressed in this CONSENT ORDER.

The parties acknowledge that Section 113(f)(2) of CERCLA, as amended by SARA, provides contribution protection to Respondents and other participating potentially responsible parties (identified under Article VI.S.1.A. and B.) for claims for contribution regarding matters addressed under this CONSENT ORDER.

2. The parties represent that this CONSENT ORDER was negotiated in good faith. The Respondents, solely for the purpose of conformance with the work under this CONSENT ORDER, as it may be amended, may assume responsibility for work exceeding the Respondents' equitable share, either individually or collectively. To the extent that such occurs, the Respondents intend to seek contribution from those non-participating potentially responsible parties who have been identified by the Respondents pursuant to Article VI.S.1.C. The parties agree that federal law should govern questions of contribution. The parties agree that, in determining the appropriate federal rule of decision to establish the effect of this CONSENT ORDER on possible rights of contribution, a court should adopt the principles set forth in Section 113(f) of CERCLA, as amended by SARA.

3. Each Respondent agrees that with respect to any suit or claim for contribution brought against it for matters covered by this CONSENT ORDER, it will timely notify the EPA of the institution of such suit or claim.

R. Covenant Not to Sue

The EPA covenants not to sue the Respondents and other participating potentially responsible parties, identified by Respondents pursuant to Article VI.S.1.A. and B., for work conducted satisfactorily pursuant to this CONSENT ORDER. This covenant not to sue shall not apply either to conditions unknown on the date EPA provides Respondents written notice, pursuant to Article VI.O., that the requirements of this CONSENT ORDER are satisfied and have been completed or to unanticipated occurrences at the Holden facility and at off-site incineration facilities.

S. Participating Potentially Responsible Parties and Other Parties

1. Respondents shall submit to EPA, on the first day of each month following the effective date of this CONSENT ORDER, the following:

A. a list of potentially responsible parties who have entered into settlements with the Respondents, as determined by Respondents, with respect to each said party's liabilities at the Holden facility relating to the operations of Rose, Inc.;

B. a list of other potentially responsible parties who have not entered into final settlements with the Respondents, but who are participating in the Respondents' efforts to implement appropriate response actions related to the cleanup of the Holden facility as determined by Respondents; and

C. a list of non-participating potentially responsible parties as determined by Respondents.

2. Parties identified by Respondents under Article VI.S.1.A. and B. shall be considered to be "participating potentially responsible parties" for all purposes under this CONSENT ORDER, and parties identified by Respondents under Article VI.S.1.C. shall be considered to be "non-participating potentially responsible parties" for all purposes under this CONSENT ORDER.

T. Opportunity to Confer and Effective Date

In consideration of the communications between the Respondents and EPA prior to the issuance of this CONSENT ORDER, it is agreed that there is no need for a settlement conference prior to the effective date of this CONSENT ORDER. Therefore, the effective date of this CONSENT ORDER shall be the date on which it is signed by EPA after Respondents have signed this CONSENT ORDER.

IT IS SO AGREED AND ORDERED:

By _____ Date 9/25/87
G. L. NESBITT, SENIOR VICE PRESIDENT

FOR: CENTRAL LOUISIANA ELECTRIC
COMPANY, INC.
Pineville, Louisiana

By _____ 10/19/87
J.D. Phillips Date
Deputy City Manager/Director of Utilities

FOR: CITY OF COLORADO SPRINGS
Colorado Springs, Colorado

By _____ Date 10/9/87

FOR: COMMONWEALTH EDISON COMPANY
Chicago, Illinois

By Laura L. Butzman
Attorney

Oct 9, 1987
Date

FOR: GENERAL MOTORS CORPORATION
Detroit, Michigan

By: _____ 9/15/87
Date

FOR: ILLINOIS POWER COMPANY
Decatur, Illinois

By: _____ Date 9/25/87
W. H. STOPPELMOOR

FOR: INTERSTATE POWER COMPANY
Dubuque, Iowa

By: _____ SEPTEMBER 18, 1987
Date

FOR: IOWA PUBLIC SERVICE COMPANY
Sioux City, Iowa

By: David S. Stark Date 9/22/87

FOR: KANSAS POWER & LIGHT COMPANY
Topeka, Kansas

By: William D. Owen 9/25/87
Date

FOR: MISSOURI PUBLIC SERVICE COMPANY
Kansas City, Missouri

By: GP Gasby 10-6-1987
Date

FOR: NEW ENGLAND POWER SERVICE COMPANY
Westborough, Massachusetts

By: _____ September 24, 1987
Date

J. J. Cordaro
Senior Vice President -
External Affairs

FOR: NEW ORLEANS PUBLIC SERVICE INC./
LOUISIANA POWER & LIGHT COMPANY
New Orleans, Louisiana

By: _____ September 24, 1987
Date

Senior Vice President
Accounting and Administration

FOR: OKLAHOMA GAS & ELECTRIC COMPANY
Oklahoma City, Oklahoma

By: William C Jones
Senior Vice President

September 24, 1987
Date

FOR: OMAHA PUBLIC POWER DISTRICT
Omaha, Nebraska

By: Dale E. Ward 9/18/87
Dale E. Ward Date
Vice President Engineering & Operations

FOR: SOUTHWESTERN ELECTRIC POWER COMPANY
Shreveport, Louisiana

By: Randal Meador Sept. 22, 1987
Date

CRN HAM
LB

FOR: WEST TEXAS UTILITIES COMPANY
Abilene, Texas

By: _____ CMU
VICE PRESIDENT - PROCUREMENT

September 24, 1987
Date

FOR: CAMPBELL SOUP COMPANY
Camden, New Jersey

By _____ 10-29-87
MORRIS KAY Date
Regional Administrator
U.S. Environmental Protection
Agency
Region VII

By _____
J. SCOTT PEMBERTON
Assistant Regional Counsel
U.S. Environmental Protection
Agency
Region VII

ATTACHMENT A

STATEMENT OF WORK

REMOVAL OF PCB WASTES

MARTHA C. ROSE CHEMICALS, INC., HOLDEN, MISSOURI

The Respondents, with the assistance of their contractor(s), will perform the following activities in connection with satisfying the requirements of this CONSENT ORDER negotiated between the Respondents and EPA. The objective of the Statement of Work is primarily the removal and disposal of PCB fluids and PCB-contaminated materials and items from the Martha C. Rose Chemicals, Inc. facility in Holden, Missouri (hereinafter, the "Holden Facility") and secondarily, excavation of selected high PCB concentration surface soils at the Holden facility. This Statement of Work does not address other work which may be required at the Holden facility in the future and is not intended to preclude on-site treatment if necessary and appropriate to implement the provisions of this Statement of Work in an expeditious manner. Excluded from this Statement of Work are PCB items and other PCB-contaminated materials identified in Article II. 17. and Article II.18.A. of this CONSENT ORDER which will be addressed in the RI/FS.

1. WASTES TO BE REMOVED

The wastes to be removed are those described herein. The wastes to be removed were sent to the Holden facility by Respondents and other responsible parties for the purpose of treating or processing for disposal or disposal, in accordance with the TSCA requirements at 40 C.F.R. Part 761.

In addition, wastes to be removed include PCB-contaminated items presently located at the Holden facility, contaminated as a result of activities at the facility.

The wastes which will be disposed of under this CONSENT ORDER are identified as follows:

Bulk Metals - - consist of all transformers, transformer cases and transformer parts (cores, bushings, parts, etc.) resulting from the dismantling of transformers, and includes bulk oil storage tank shells and all sheet metal, scrap steel plate, tools and hardware, engines and motors and processing equipment associated with the Martha C. Rose Chemicals, Inc. operation.

Light Metals - - consist of all capacitors, capacitor cores and other capacitor parts/components (metals, cases, etc.).

PCB-Contaminated Oils and Solvents - - consist of oils from transformers, capacitors and other PCB-contaminated electrical equipment and other PCB-contaminated fluids. In addition, PCB-contaminated flushing fluids which have and will result from draining and flushing/rinsing activities are included. These fluids also include those PCB oils which are presently contained in on-site transformers.

PCB-Contaminated Water - - consists of Respondent and other responsible party-sent PCB-contaminated liquid (water) which has no intrinsic BTU value. Also included in this category is water resulting from decontamination at the Holden facility.

Sludges - - consist of Respondent and other responsible party-sent sludges which are wet solids containing free liquids. Any charcoal filter residue that is generated on-site will be categorized as sludge for the purposes of this Statement of Work and will be included within the scope of this Statement of Work.

Miscellaneous Combustible Solids - - consist of liquid-free paper, rags, wood, pallets, absorbent pads, hoses, protective clothing and other similar solids. A portion of these solids became contaminated as a result of activity at the Holden facility.

Miscellaneous Non-Combustible Solids - - consist of liquid-free oil dry, insulators, drummed soil and limited quantities of high PCB concentration surface soils resulting from cleanup of selected surface soils at the Holden facility.

Drum/Containers - - consist of empty drums/containers which are found at the Holden facility and those empty drums/containers generated as a result of cleanup activity at the Holden facility.

2. PREPARATION OF WASTES FOR REMOVAL

Before these wastes are transported from the Holden facility for disposal, each transformer and waste container must be inspected and prepared for shipment. All PCB items and other materials shall be marked in accordance with Subpart C of 40 C.F.R. Part 761 prior to removal from the Holden facility. The inspection and waste preparation shall be conducted as follows:

Bulk Metals - - Transformers and associated bushings will be drained and flushed according to 40 C.F.R. §761.60(b)(1)(B) and prepared for final shipment. Transformer parts will be packaged for shipment in an appropriate and structurally enclosed manner in accordance with 40 C.F.R. Part 761. Other bulk metals as defined in paragraph #1 of this Statement of Work will be handled by similar appropriate means.

Light Metals - - The majority of intact capacitors which remain on-site are contained in the original shipping containers as received from the waste generator. These containers will be inspected by the waste disposal contractor to verify the structural integrity of each container. All sound containers holding intact capacitors will be mobilized for transport with the capacitors contained within. Unsound containers will be either over-packed or unpacked in which case the capacitors will be

repacked in an appropriate structurally enclosed manner and then prepared for shipment in accordance with 40 C.F.R. Part 761. Leaking capacitors will remain in their original shipping drums unless the drums are leaking, in which case the contained capacitors will be repacked in an appropriate and structurally enclosed manner and then prepared for shipment in accordance with 40 C.F.R. Part 761. Capacitor cores which are now stored in the "baghouse" container and core-room will be removed and placed into appropriate and structurally enclosed containers for shipment in accordance with 40 C.F.R. Part 761. These containers will then be prepared for final transport. Capacitor parts are presently contained in boxes (metal and wood). These boxes will be inspected to verify the structural integrity of each box. All sound containers holding these capacitor parts in a structurally enclosed manner will be mobilized for transport in accordance with 40 C.F.R. Part 761. Unsound containers will be unpacked and the capacitor parts will be repacked in appropriate and structurally enclosed containers and prepared for shipment in accordance to 40 C.F.R. Part 761. Other light metals will be placed in appropriate and structurally enclosed containers for shipment.

PCB-Contaminated Oils and Solvents - - These on-site fluids are contained in bulk storage tanks and drums. The disposal contractor will sample and analyze the fluids as necessary.

PCB-Contaminated Water - - These waters will be stored in appropriate containers in preparation for treatment on-site.

Sludge - - Sludges are contained in the original shipping containers (drums) as received from the Respondents and/or other responsible parties. Containers will be inspected and sludge contained within the structurally

sound and unleaking drums will be prepared for shipment for disposal. Any leaking drums will be packed in over-pack structurally enclosed containers. Charcoal filter residues will be packed into appropriate drums (those specified in 40 C.F.R. Part 761) and prepared for shipment.

Miscellaneous Combustible Solids - - Miscellaneous combustible solids will be packaged in appropriate and structurally enclosed containers for shipment in accordance with 40 C.F.R. Part 761.

Miscellaneous Non-Combustible Solids - - Structurally enclosed containers holding these solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the solids will be landfilled in conformance with 40 C.F.R. § § 761.60(b)(5)(B) and 761.75.

Drums/Containers - - All drums/containers will be drained and compacted prior to shipment for disposal. Containers over 100 gallon capacity will not have to be compacted prior to shipment for disposal. Any of the preparation activities required by this paragraph #2, may vary upon approval by EPA if on-site disposal or treatment activities are utilized.

3. MOBILIZATION AND DISPOSAL OF PCBs AND PCB ITEMS

Following preparation of the wastes for transport to the ultimate disposal facility, the disposal contractor will transport and dispose of the identified wastes in accordance with legally relevant and applicable EPA policies.

Bulk Metals - - Transformers and containers holding transformer parts will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the transformers and transformer parts will be landfilled in conformance with 40 C.F.R. §§761.60(b)(1)(B) and 761.75. Other bulk metals as defined in paragraph #1 of this Statement of Work will be handled similarly.

Light Metals - - Containers holding capacitors, capacitor cores and capacitor parts will be loaded onto transports for shipment to an off-site TSCA-permitted incinerator where the capacitors, capacitor cores and parts as defined in paragraph #1 of this Statement of Work will be shredded, if necessary, and subsequently incinerated in conformance with 40 C.F.R. §§761.60(b)(2)(iii)(A) and 761.70(b).

PCB-Contaminated Water - - This water will be decontaminated of PCBs by activated carbon treatment or equivalent technique to levels approved by EPA. Spent, activated carbon or similar residues resulting from the treatment process will be transported to an incinerator and incinerated in conformance with 40 C.F.R. §§761.60(a)(3)(i) and 761.70(a). Any treated water discharged to waters of the United States will be in accordance with appropriate National Pollutant Discharge Elimination System (NPDES) standards.

PCB-Contaminated Oils and Solvents - - These fluids will be transferred to tank transports or other structurally enclosed containers for shipment to an off-site TSCA-permitted incinerator for incineration in conformance with 40 C.F.R. §§761(a)(1) and 761.70(a).

Sludge - - Containers holding sludge will be loaded onto transports for shipment to an off-site TSCA-permitted incinerator where the sludge will be incinerated in conformance with 40 C.F.R. §§761.70(a)(3)(i) and 761.70(a).

Miscellaneous Combustible Solids - - Containers holding miscellaneous combustible solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the solids will be landfilled in conformance with 40 C.F.R. §§761.60(b)(5)(B) and 761.75.

Miscellaneous Non-Combustible Solids - - Containers holding these solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the soils will be landfilled in conformance with 40 C.F.R. §§761.60(b)(5)(B) and 761.75.

Any of the above activities required by this paragraph #3, may vary upon approval by EPA if or-site disposal or treatment activities are utilized.

Drums/Containers - - All compacted empty drums and containers and other empty containers shall be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the drums/containers will be landfilled in conformance with 40 C.F.R. § § 761.(c)(i)(ii) and 761.75.

4. EXCAVATION OF SELECTED PCB-CONTAMINATED SOILS

Highly PCB-contaminated surface soils will be excavated. These soils will be excavated to industrial and other restricted access standards as specified in EPA's PCB Spill Cleanup Policy, dated April 2, 1987 (52 Fed. Reg. 10688 et seq.) These areas may require additional excavation during implementation of final remedial actions at the Holden facility.

5. WORK PLANS

Work plans will be developed by the Respondents' contractor(s) prior to the removal of any materials from the Holden facility. These plans are designed to guide the contractor(s) and the Respondents in safely and economically removing the wastes from the Holden facility in conformance with this Statement of Work. Plans will be submitted to the EPA for approval and comment. All plans described below must be approved by EPA prior to implementation of these plans by the Respondents. Interim work plans for specific removal measures may be submitted and/or approved prior to completion of the overall work plan.

The following work plans shall be developed for this Statement of Work:

a. Health and Safety: Before any waste preparation/removal work is performed at the Holden facility, the contractor shall prepare a site-specific Health and Safety Plan. The plan will include, at a minimum:

(i) a designation of areas of contamination, decontamination and project management;

(ii) types of protective clothing;

(iii) a description of safe working practices; and

(iv) contingency planning.

This plan will be consistent with any relevant guidance provided by the EPA documents, "Guidance for Remedial Investigations Under CERCLA," and "Standard Operating Safety Guides" (November 1984, revision) and with applicable NIOSH/OSHA guidelines.

b.. Quality Assurance/Quality Control ("QA/QC"): Before any sampling, analytical work, record development or waste repackaging is performed pursuant to this Statement of Work, contractor will prepare a plan describing the measures to be taken to assure the quality of any sampling and analysis of materials, record keeping or waste repackaging at the Holden facility. These plans will be consistent with guidance provided by relevant EPA guidance doucments, such as "Guidance For Preparation of Combined Work/Quality Assurance Project Plans for Environmental Monitoring" (May 1984).

c. Sampling and Analysis: Contractor shall develop a plan describing procedures to be followed in performing the sampling/analysis work described in this Statement of Work. The plan shall describe the

location of the samples, type of sample, the methods of obtaining and storing the samples, chain-of-custody procedures and the manner by which the results will be reported. The laboratory or laboratories that will perform the analysis shall be identified and approved by EPA.

d. Removal Work Plan: The Respondents' contractor shall provide detailed instructions on the implementation of all phases of the preparation and removal actions covered by this Statement of Work. The Removal Work Plan will be developed in accordance with Article V.A.3. and specifically address each waste stream and subitems within each waste stream. This Work Plan will provide specific procedures for the preparation and disposal of each waste item.

e. Schedule Plan: Contractor shall develop a Critical Path Method ("CPM") schedule for waste preparation, mobilization and removal from the Holden facility. The schedule shall detail the movement of specific waste types from the Holden facility.

6. REPORTS, NOTIFICATIONS AND INSPECTIONS

EPA shall have the right to inspect and observe any work performed in accordance with this Statement of Work. Within twenty (20) work days after completion of all work set forth in this Statement of Work, Respondents shall submit in writing to EPA, certification of the completion of all activities called for by this Statement of Work. Accompanying this certification, the Respondents shall submit a final report which shall, at a minimum, include a detailed description of all work performed pursuant to this Statement of Work. On a monthly basis the Respondents' Executive or Project Coordinator or representative will report in writing to the EPA Project Coordinator on the activities for the past month and relate the anticipated activities for the

upcoming month. The monthly report is to be received by EPA no later than the 15th of the month following the end of the month being reported. On a weekly basis the on-scene representative for the Respondents at the Holden facility will provide EPA's Project Coordinator an oral report on the past week's activities and anticipated activities for the upcoming week. The weekly report shall be made on the first work day following the week being reported.

TSCA COMPLIANCE PROGRAM POLICY No. 6-PCB-6

Allocation of Enforcement Liability for Violations of the One-Year Disposal Deadline for PCB Articles or PCB Containers

TSCA Section: 6(e)

Issue:

How does EPA allocate enforcement liability among persons who violate the requirement that PCB articles and PCB containers be disposed of within one-year after being placed into storage.

Policy:

EPA will allocate enforcement liability for a failure to dispose of PCB waste within one year after it is placed into storage between the generator and the ultimate disposal facility based on the contribution by either party to the violation. A generator delivering PCB waste to a disposal facility later than 90 days before the end of the one-year disposal deadline will be held liable if the disposal facility can not dispose of the waste in time. A disposal facility receiving PCB waste later than 90 days before the end of the one-year deadline will not be held liable if the PCB waste is disposed of within 90 days.

Discussion:

Section 40 CFR 761.65(a) limits storage of PCBs designated for disposal to one year. This requirement also states that "any PCB Article or PCB Container stored for disposal before January 1, 1983, shall be removed from storage and disposed of...before January 1, 1984. Any PCB Article or PCB Container stored for disposal after January 1, 1983, shall be removed from storage and disposed of...within one year from the date it was first placed into storage."

The one-year time limit is intended to insure prompt disposal of PCBs removed from service. However, the requirement does not preclude some waste generators or intermediate waste handlers from storing the waste for long periods of time (up to 12 months) before releasing it for ultimate disposal. As a result, facilities which receive the waste for ultimate disposal may not have sufficient time to dispose of the waste within the one-year time limit.

EPA will allow facilities receiving waste a year after being put into storage by the generator an additional 90 days after receipt to dispose of the wastes without incurring enforcement liability. Because representatives of the two approved, landbased commercial incinerators have provided technical data showing that PCB waste is disposed of within 90 days after receipt by the facility, EPA

has determined that ninety days is sufficient lead-time for the disposer to receive and dispose of PCB waste. Therefore, if a generator delivers waste to a disposal facility with ninety days or more remaining in the one-year deadline, the disposer is responsible for destroying the material before the deadline. The liability shifts to the generator if the material is delivered to the disposal facility with less than ninety days remaining in the one-year allowed for disposal after storage. The disposer, however, will share in the liability if he does not dispose of the waste within ninety days from the date it is received at the disposal facility.

EPA will utilize the scale below to allocate liability between the generator and disposer.

	WHEN DELIVERED TO DISPOSER	WHEN DISPOSED	LIABILITY	
			GENERATOR	DISPOSER
I	more than 90 days before 1 yr. deadline	after 1 yr. deadline	none	entire penalty
II	90 days before 1 yr.	within 1 yr.	none	none
III	60 days before 1 yr.	1 mo. late	1/3 penalty	none
IV	30 days before 1 yr.	60 days late	2/3 penalty	none
V	last day	3 mos. late	entire penalty	none
VI	after 1 yr.	within 90 days of receipt	entire penalty	none
VII	after 1 yr.	after 90 days of receipt	entire penalty	entire penalty

See Also: TSCA Compliance Program Policy 6-PCB-7.

References:

Key Words:

PCBs, ultimate disposal facility, disposal deadline.

A. E. Conroy II

A. E. Conroy II, Director
Compliance Monitoring Staff
Office of Pesticides and Toxic Substances

8-16-83
Date

TSCA COMPLIANCE PROGRAM POLICY No. 6-PCB-6

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Discussion:

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			GENERATOR	DISPOSER
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II	90 days before 1 yr.	within 1 yr.	none	none
III	60 days before 1 yr.	1 mo. late	1/3 penalty	none
IV	30 days before 1 yr.	60 days late	2/3 penalty	none
V	last day	3 mos. late	entire penalty	none
VI	after 1 yr.	within 90 days of receipt	entire penalty	none
VII	after 1 yr.	after 90 days of receipt	entire penalty	entire penalty

See Also: TSCA Compliance Program Policy 6-PCB-7.

References:

Key Words:

PCBs, ultimate disposal facility, disposal deadline.

A. E. Conroy II

A. E. Conroy II, Director
Compliance Monitoring Staff
Office of Pesticides and Toxic Substances

8-16-83
Date

from the release [as defined by 42 U.S.C. § 9601(22)] of PCBs at or from the facility, will be determined.

(d) Inventory: Contractor will prepare a plan to conduct an inventory of all PCBs and PCB items presently located at the site. This inventory, at a minimum, shall include the identification of each PCB container and the contents of each container and, where possible, the source of the material.

(e) SPCC: Contractor will prepare a SPCC Plan pursuant to 40 C.F.R. Part 112 for all tractor, trailer, and tanker trucks and exterior and interior bulk storage tanks located at the Holden facility that contain PCBs or PCB-contaminated oil.

7. Reports, Notifications and Inspections

EPA shall have the right to inspect and observe any work performed in accordance with this Statement of Work. Within fourteen (14) days after completion of all work set forth in this Statement of Work, Generator Respondents shall submit in writing to EPA certification of the completion of all activities called for by this Statement of Work. Accompanying the certification, the Generator Respondents shall submit a final report which shall, at a minimum, include a detailed description of all work performed pursuant to this Statement of Work and a discussion of alternative final response actions for the site.

During the performance of the work described in this Statement of Work, the Generator Respondents shall provide periodic status reports to the EPA. These reports shall be provided biweekly, or as otherwise agreed among the parties, until the completion of all work called for by this Statement of Work. These reports shall include descriptions of the work performed during the immediately previous reporting period and of the work planned for the following reporting period, and shall also include copies of manifests and destruction reports, if any.

Additionally, subsequent to completion of the activities called for in Paragraphs 4 and 5, the Generator Respondents shall submit to EPA a report summarizing the known site conditions. This report will provide a description of the site, including the total area of the site, the general nature of the facility and its contents, and the nature and extent of the problem. The report will include a site map showing all buildings, utilities, drains, paved areas, tanks, and other features. The map will be of sufficient accuracy and detail to locate and report all existing and future work at the site.

8. Schedule

Within fourteen (14) working days of the execution of this Consent Order, the Generator Respondents shall submit to EPA all Work Plans developed pursuant to Paragraph 6 above for approval and/or review. The EPA shall approve and/or review such plans in an expeditious manner. Work Plans for inventory and for sampling/analysis shall each contain a schedule for implementation of all elements of the respective plan. Once EPA has approved said schedules, all work elements shall be completed within the approved schedule.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

IN THE MATTER OF: MARTHA C. ROSE CHEMICALS, INC. Kansas City and Holden, Missouri, and ENVIRONMENTAL TECHNOLOGY, INC. North Tonawanda, New York, and AMERICAN STEEL WORKS, INC. Kansas City and Holden, Missouri, and W.C. CAROLAN COMPANY, INC. Kansas City and Holden, Missouri, and WALTER C. CAROLAN Mission Hills, Kansas, and CITY OF HOLDEN, MISSOURI, and LEAR SIEGLER, INC. Pasadena, California, Respondents. Proceedings Under Section 106 (a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. §9606 (a).	Docket No. 86-F-0006 ORDER

JURISDICATION

This Order is issued to Martha C. Rose Chemicals, Inc. (hereinafter Respondent Rose), Environmental Technology, Inc. (hereinafter Respondent ETI), American Steel Works, Inc. or Mo American Steel Works, Inc. (hereinafter Respondent American), W.C. Carolan Company, Inc. (hereinafter Respondent Carolan Company), Walter C. Carolan (hereinafter Respondent Carolan), the City of Holden, Missouri (hereinafter Respondent Holden) and Lear Siegler, Inc. (hereinafter Respondent Lear Siegler), pursuant to Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), 42 U.S.C. §9606(a), by authority delegated to the undersigned official by the Administrator of the United States Environmental Protection Agency (EPA) by EPA Delegation Nos. 14-14-A and 14-14-B, dated April 16, 1984. Authority to issue this Order was delegated to the Administrator of EPA by Executive Order 12316 dated August 14, 1981, 46 Fed. Reg. 42237 et seq. (1981).

FINDINGS OF FACT

1. Respondent Rose, a Missouri Corporation, operated, from early 1982 until the present, a business primarily engaged in the brokerage of PCBs and PCB items, in the processing of PCB capacitors and transformers for disposal, and in the decontamination of mineral oil dielectric fluids contaminated with PCBs. The principal facility at which Respondent Rose

operated the aforementioned business is located at 500 W. McKissock, Holden, Missouri (hereinafter the Holden facility).

2. Respondent ETI, a Delaware Corporation, pursuant to a contractual agreement with Respondent Rose, is presently the operator of the Holden facility.

3. Respondent Holden owns the property, upon which Respondent Rose operates the aforementioned business, and leases the said property to Respondent Lear Siegler (a Delaware Corporation authorized to business in the State of Missouri) which subleases the said property to Respondent Carolan Company, a Missouri Corporation.

4. Respondent Rose pays rent on the said property to Respondent American, a Kansas Corporation authorized to do business in the State of Missouri.

5. Respondent Carolan owns 100% of the capital stock of Respondent Carolan Company and Respondent American and 51% of the capital stock of Respondent Rose. Respondent Carolan is also the chief executive officer and President of Respondents Rose, American and Carolan Company.

6. The work force of Respondent Rose are employees of Respondent American and received paychecks from Respondent Carolan Company and Respondent American.

7. Under authority of 40 C.F.R. §761.60(e), EPA-Region VII issued to Respondent Rose: (1) an approval,

effective March 15, 1983, to decontaminate mineral oil dielectric fluids contaminated with PCBs at concentrations equal to or less than 10,000 ppm (this approval expired March 15, 1986); (2) an approval, effective October 15, 1983, to process PCB capacitors for disposal; and (3) an approval, effective July 1, 1984, to process PCB transformers for disposal. A condition of each approval was that Respondent Rose comply with all Federal environmental requirements.

8. As a result of an inspection of Respondent Rose's facility in Holden, Missouri, on or about November 3 and 4, 1983, it was determined that Respondent Rose was in violation of the regulations in 40 C.F.R. Part 761, promulgated pursuant to Section 6(e) of TSCA, 15 U.S.C. §2605(e), to-wit: the storage and marking of PCBs and PCB items (40 C.F.R. §§761.65 and 761.40, respectively).

9. As a result of the inspection referred to in paragraph 8, preceding, EPA issued a Complaint and Notice of Opportunity for Hearing to Respondent Rose on March 26, 1984, seeking penalties for the aforementioned violations. Respondent Rose and EPA entered into a Consent Agreement and Final Order whereby Respondent Rose admitted the violations, agreed to pay a civil penalty, and agreed to comply with certain provisions of 40 C.F.R. Part 761.

10. As a result of an inspection of Respondent Rose's facility conducted by EPA on or about August 7-15, 1984, it was determined that Respondent Rose had failed to comply with the provisions of the Consent Agreement and Final Order referred to in paragraph 9, preceding, and was in violation of the regulations in 40 C.F.R. Part 761, promulgated pursuant to Section 6(e) of TSCA, 15 U.S.C. §2605(e), to-wit: the storage, marking and disposal of PCBs and inadequate recordkeeping regarding PCBs (40 C.F.R. §§761.65, 761.40, 761.60, and 761.180, respectively). Respondent Rose was also in violation of the conditions of each of the approvals specified in paragraph 7, above, in violation of 40 C.F.R. §761.60(e).

11. As a result of the inspection referred to in paragraph 10, preceding, EPA issued a Complaint and Notice of Opportunity for Hearing to Respondent Rose on February 25, 1985, seeking penalties for the aforementioned violations. On or about September 27, 1985, Respondent Rose and EPA entered into a Consent Agreement and Final Order whereby Respondent Rose agreed to pay a civil penalty and to come into compliance with the applicable PCB rules and regulations in 40 C.F.R. Part 761.

12. Subsequent inspections of Respondent Rose's facility by EPA on December 19, 1985, January 7 and March 17, 1986, revealed continuing and additional marking, storage, disposal and distribution in commerce violations of the PCB regulations, 40 C.F.R. Part 761.

13. As part of Respondent Rose's operations, scrap metal from the processing of PCB items is salvaged and sold. In December of 1985, EPA collected samples from scrap metal distributed in commerce by Respondent Rose to two separate businesses in Kansas City, Missouri. Analyses of five (5) copper strip samples and seven (7) swab samples indicated the presence of PCBs in concentrations ranging from 19 ug/100 cm^2 to 40,000 ug/100 cm^2. The said scrap metal had not been decontaminated by Respondent Rose in accordance with the requirements of condition #2 of both the transformer and capacitor processing for disposal approvals in violation of 40 C.F.R. §761.60(e). Respondent Rose was therefore also in violation of 40 C.F.R. §761.20(c) for distributing PCBs in commerce.

14. Investigations conducted by EPA and/or the Missouri Department of Natural Resources have indicated Respondent Rose allowed PCB contaminated water to be released into the Holden city sewer system. PCBs have been detected in fauna samples downstream from the Holden facility, in sludge drying beds at the Holden city sewage treatment plant downstream from Respondent Rose's Holden facility, and in branch and creek sediments downstream from the Holden facility.

15. Respondent Rose has, since approximately March 1, 1986, ceased active operations onsite. PCBs have remained onsite longer than allowed under 40 C.F.R. §761.65, thereby

demonstrating Respondent Rose's unwillingness or asserted inability to properly dispose of PCBs and PCB items in accordance with 40 C.F.R. Part 761 and with the approvals specified in paragraph 7, above. In written statements to EPA and to its customers (the generators), Respondent Rose has expressed its unwillingness and inability to properly dispose of PCBs and PCB items at the Holden facility unless the generators of the said materials provide additional financial assistance.

16. Respondent Rose's facility is located within the city limits of Holden, Missouri, and is located immediately adjacent to other active business entities, and immediately adjacent to residential areas on two sides, and an agricultural area on the other side. Although the Holden facility has a barbed wire fence with a gate, access to the Holden facility has been observed to be unrestricted.

17. On or about May 13, 1986, and continuing thereafter, a release of PCB contaminated oil from a parked tanker truck occurred at the Holden facility. The released material ran into a holding pond for the Holden facility tank farm and into a storm sewer manhole, which empties from an outfall into a tributary of the East Branch of Pin Oak Creek. Oil residue was observed for approximately 1000 yards from the outfall to where the tributary empties into the East Branch of Pin Oak Creek. In addition, oil sheens were observed at

various points within the tributary and in the East Branch of Pin Oak Creek near the Holden wastewater treatment plant. Analytical results from oil and sediment samples taken from the said branch revealed PCBs in concentrations of 2.1 to 90 ppm.

18. Based on the apparent continuing violations of 40 C.F.R. Part 761, on the proximity of the Holden facility to residential areas, on the apparent non-restricted access to the Holden facility, and on the past release(s) of PCBs into the environment, there exists a threat of release of PCBs into the environment due to fire, vandalism, inadvertent or deliberate spillage of PCBs, or other acts.

CONCLUSIONS OF LAW

1. Respondent Rose, Respondent ETI, Respondent American, Respondent Carolan Company, Respondent Carolan, Respondent Holden, and Respondent Lear Siegler are each a "person" as defined by Section 101(21) of CERCLA, 42 U.S.C. §9601(21).

2. PCBs are "hazardous substances" as defined by Section 101(14) of CERCLA, 42 U.S.C. §9601(14).

3. The real property and buildings located at 500 W. McKissock, Holden, Missouri, and each and every other location wherein PCBs are located are each separately and/or together a "facility" as defined by Section 101(9) of CERCLA, 42 U.S.C. §9601(9).

4. Any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping or disposing into the environment which has occurred or which may occur constitutes a "release" as defined by Section 101(22) of CERCLA, 42 U.S.C. §9601(22).

DETERMINATION

Based on the foregoing Findings of Fact and Conclusions of Law, the undersigned has determined that there may be an imminent and substantial endangerment to the public health or welfare or the environment because of the actual or threatened release of a hazardous substance from the facility(s). It has been further determined that in order to protect public health and welfare and the environment, it is necessary that the response actions, set forth in the following Order be undertaken. The response actions required by the terms of this Order are consistent with the National Contingency Plan, 40 C.F.R. Part 300, and will present or mitigate immediate and significant risk of harm to human life or health and to the environment.

ORDER

Immediate Response Action

IT IS HEREBY ORDERED AND DIRECTED THAT:

1. Respondent Rose and Respondent ETI, their agents, representatives, employees and consultants shall, immediately upon receipt of this Order, take the following

actions to address immediate threats to human health or welfare or the environment.

(a) With respect to the PCB oil spill referred to in paragraph 17 of the Findings of Fact:

(1) remove and containerize all free-flowing oils resulting from the said spill;

(2) excavate and containerize all contaminated soils, tributary and creek sediments, and other materials resulting from the said spill;

(3) dispose of, in accordance with 40 C.F.R. §761.60, all PCB contaminated materials containerized as a result of actions taken pursuant to this subparagraph;

(4) collect and analyze samples, subsequent to the required response activities, to insure clean-up of PCB contaminated oil and soils to EPA approved levels.

(b) With respect to the tanker truck which was the source of the spilled PCB materials, referred to in paragraph 17 of the Findings of Fact, drain the said tanker truck into a secure tank truck or other approved container(s) and decontaminate said tanker truck in accordance with 40 C.F.R. §761.79 or dispose of said tanker truck in accordance with 40 C.F.R. §761.60(c).

(c) Locate all tractor, trailer, and tanker trucks and any other unsecured tankage, presently containing PCB contaminated oil at the Holden facility, inside a imperme-

able bermed area of sufficient capacity to contain the total capacity of all tankage so located, with a minimum freeboard of twelve (12) inches. Any trucks, tractors or tanker trucks that were exposed to PCB contamination and that are currently stored offsite shall be stored onsite in accordance with this paragraph.

Initial Response Action

IT IS FURTHER HEREBY ORDERED AND DIRECTED THAT:

2. Unless otherwise specifically required by this Order, Respondent Rose and Respondent ETI, their agents, representatives, employees and consultants are immediately, upon receipt of this Order, prohibited from accepting any PCBs or PCB items for processing, storage, or disposal at its facility in Holden, Missouri, without further specific approval by EPA.

3. Unless otherwise specifically required by this Order, Respondent Rose and Respondent ETI, their agents, representatives, employees and consultants are immediately, upon receipt of this Order, prohibited from disposing of, handling or otherwise removing from its facility, any PCBs or PCB items presently in storage or otherwise located at Respondent Rose's facility in Holden, Missouri, unless such disposal, handling or removal is specifically approved by EPA and performed in the manner specified in the PCB rules and regulations at 40 C.F.R. §761.60 and in accordance with applicable paragraphs 4 through 13, following.

4. Respondent Rose and Respondent ETI, their agents, representatives, employees and consultants shall immediately, upon receipt of this Order, cease all inventory work until such time that the plan for conducting the inventory, specified in paragraph 6, following, is approved or conditionally approved by EPA.

5. Respondent Rose and Respondent ETI, their agents, representatives, employees and consultants shall immediately, upon receipt of this Order, take such measures as necessary to restrict access and provide security to the property upon which Respondent Rose's facility operates. Such restrictions on access and providing security shall include the following:

(a) establishment of twenty-four (24) hour security onsite with the presence of trained security personnel at all times;

(b) the posting of warning signs adequate to warn the public of the presence of PCBs and other hazardous wastes, if any;

(c) establishment of EPA approved warning and notification systems adequate to immediately warn local, state and federal authorities of any fire, spill or other release at the Holden facility; and

(d) construction of a complete EPA approved chain link security fence surrounding the Holden facility to prevent access to unauthorized personnel.

Final Response Action

IT IS FURTHER ORDERED AND DIRECTED THAT:

6. Respondents Rose, ETI, American, Carolan Company and Carolan shall, within ten (10) working days of receipt of this Order, submit to EPA a detailed plan both for conducting an inventory of all PCBs and PCB items presently located at the Holden facility and for removal of all PCBs and PCB items from the Holden facility. Said inventory/disposal plan shall at a minimum:

(a) provide for, with respect to the inventory, identification of each PCB container and, for each PCB container, identification of each generator whose PCBs or PCB items are contained therein and the quantity and PCB concentration of material from each such generator;

(b) provide for the disposal of all PCBs, including all contaminated soils and sediments, and PCB items in accordance with the applicable provisions of 40 C.F.R. §§761.60(a), 761.60(d), and 761.60(e);

(c) provide for a sampling and analysis program whereby the extent and magnitude of any contamination of soils, sediments, surface or subsurface waters, or other portions of the environment, resulting from the release [as defined by 42 U.S.C. §9601(22)] of PCBs or other hazardous substances at or from the facility, will be determined;

(d) provide, for all PCBs and PCB items disposed of pursuant to this Order, for the development and maintenance of records which shall include the information set forth in 40 C.F.R. §761.180(b)(1) through (4) and required by condition #10 of the aforementioned approvals to process PCB capacitors and PCB transformers for disposal (such records shall immediately be made available to EPA upon request);

(e) provide for the performance of all actions under the terms of this Order in accordance with all applicable EPA standards and procedures, including but not limited to sample and analytical procedures, personnel protection standards, decontamination procedures and site safety guidelines; and

(f) provide a schedule for the implementation of all elements of the inventory/disposal plan.

7. Respondents Rose, ETI, American, Carolan Company, and Carolan shall, within thirty (30) calendar days of receipt of EPA's approval or conditional approval of the inventory plan described in paragraph 6 of this Order, complete the said inventory and submit a report of said inventory to EPA.

8. Respondents Holden and Lear Siegler shall provide all access to the aforementioned property necessary for Respondent Rose, ETI, American, Carolan Company and Carolan to implement the terms of this Order. Such access shall also be provided to EPA and the State of Missouri and their authorized representatives.

9. Respondents Rose, ETI, American, Carolan Company and Carolan shall, by 5:00 p.m. on May 30, 1986, provide telephonic and written notification to J. Scott Pemberton, Assistant Regional Counsel, Office of Regional Counsel, 726 Minnesota Avenue, Kansas City, Kansas 66101, (913) 236-2809, as to what actions said Respondent intends to undertake pursuant to the terms of paragraphs 2 through 13 of this Order.

10. Respondents shall retain all records concerning or related to the response actions taken pursuant to this Order for a period of time not less than seven (7) years after completion of all activities specified in the approved plan. Such records include, but are not limited to results of sampling analyses, chain-of-custody records, manifests, trucking logs, receipts, reports, records pertaining to the destination of the hazardous substances, correspondence and any other documents related to the response actions undertaken pursuant to this Order.

11. All response actions undertaken pursuant to this Order and the approved plan or conditionally approved plan shall be performed by Respondent as may be directed by the EPA on-scene coordinator (OSC) or his designee pursuant to the OSC's authority as set forth in of 40 C.F.R. Part 300. If at any time the EPA OSC determines that any of the response

actions are not being performed in accordance with EPA guidelines, standards, regulations or good engineering practice, he shall have the authority to: (1) require Respondents to perform any particular response action in accordance with his instructions as may be necessary to avoid or mitigate any real or potential endangerment to the public health, welfare and/or the environment; or (2) undertake any of the response actions required by the terms of this Order.

12. All documents including records and reports, requested or required to be submitted to EPA pursuant to this Order shall be delivered to:

Robert L. Morby
Waste Management Division
U.S. Environmental Protection Agency
Region VII
726 Minnesota Avenue
Kansas City, Kansas 66101

13. All actions undertaken pursuant to this Order by Respondents or their representatives shall be done in accordance with all applicable federal, state, and local laws and regulations.

MISCELLANEOUS

Reservation of Rights

EPA retains the right to determine whether further response actions are necessary at the said facility and to require such further actions pursuant to authority under law, including but not necessarily limited to Section 106 of CERCLA,

42 U.S.C. §9606, Section 7003 of the Resource Conservation and Recovery Act of 1976, as amended (RCRA), and Sections 6(e), 7, 15 and 17 of the Toxic Substances Control Act (TSCA), 15 U.S.C. §2605(e), 2606, 2614 and 2616. Nothing in this Order shall be construed to limit such authority.

Nothing in this Order shall be construed to prevent EPA from seeking legal or equitable relief to enforce the terms of this Order or from taking other actions it deems appropriate or necesary to protect the public health, welfare or environment.

Penalties for Non-Compliance

Respondents are hereby advised that, pursuant to Section 106(b) of CERCLA, 42 U.S.C. §9606(b), any person who willfully violates or fails or refuses to comply with this Order may, in an action brought in the appropriate United States district court to enforce this Order, be fined not more than $5,000 for each day in which such violation occurs or such failure to comply continues.

Respondents are further advised that, pursuant to Section 107(c)(3) of CERCLA, 42 U.S.C. §9607(c)(3), any person who is liable for a release or threat of release of a hazardous substance and who fails without sufficient cause to properly provide the removal or remedial actions specified in this Order may be liable to the United States for punitive

damages in an amount at least equal to and not more than three times, the amount of any costs incurred by the government as a result of such failure to take proper action.

Opportunity to Confer

By 5:00 p.m. on May 28, 1986, Respondent may request a conference with EPA to discuss the terms and conditions of paragraphs 2 through 13 of the Order. The person to contact will be, during business hours, J. Scott Pemberton, Assistant Regional Counsel, Office of Regional Counsel, at (913) 236-2809.

Effective Date

As to each Respondent, this Order is effective immediately upon receipt of this Order by that Respondent and all times for performance of response actions pursuant to this Order shall be calculated from that time and date.

IT IS SO ORDERED.

for Morris Kay
Regional Administrator
U.S. Environmental Protection Agency
Region VII

5/23/86
Date

J. Scott Pemberton
Assistant Regional Counsel
U.S. Environmental Protection Agency
Region VII

File 209.26 (8D)

Martha C Rose (8D)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

IN THE MATTER OF:

CENTRAL LOUISIANA ELECTRIC COMPANY, INC.
Pineville, Louisiana,

and

CITY OF COLORADO SPRINGS
Colorado Springs, Colorado,

and

COMMONWEALTH EDISON COMPANY
Chicago, Illinois,

and

GENERAL MOTORS CORPORATION
Detroit, Michigan,

and

ILLINOIS POWER COMPANY
Decatur, Illinois,

and

INTERSTATE POWER COMPANY
Dubuque, Iowa,

and

IOWA PUBLIC SERVICE COMPANY
Sioux City, Iowa,

and

KANSAS POWER & LIGHT COMPANY
Topeka, Kansas,

and

Docket No. 87-F-0007

REGIONAL HEARING CLERK
OCT 29 1987
REGION VII

CENTRAL LOUISIANA ELECT

ADMINISTRATIVE ORDER

ON CONSENT

MISSOURI PUBLIC SERVICE COMPANY
Kansas City, Missouri,

and

NEW ENGLAND POWER SERVICE COMPANY
Westborough, Massachusetts,

and

NEW ORLEANS PUBLIC SERVICE, INC./LOUISIANA POWER & LIGHT COMPANY
New Orleans, Louisiana,

and

OKLAHOMA GAS & ELECTRIC COMPANY
Oklahoma City, Oklahoma,

and

OMAHA PUBLIC POWER DISTRICT
Omaha, Nebraska,

and

SOUTHWESTERN ELECTRIC POWER COMPANY
Shreveport, Louisiana,

and

WEST TEXAS UTILITIES COMPANY
Abilene, Texas,

and

CAMPBELL SOUP COMPANY
Camden, New Jersey,

RESPONDENTS.

Proceedings Under Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986, 42 U.S.C. § 9606(a).

ARTICLE I - INTRODUCTION

A. Jurisdiction

1. This Administrative Order on Consent ("CONSENT ORDER") is issued by the Regional Administrator of Region VII of the United States Environmental Protection Agency ("EPA" or "Agency") to Central Louisiana Electric Company, Inc., City of Colorado Springs, Commonwealth Edison Company, General Motors Corporation, Illinois Power Company, Interstate Power Company, Iowa Public Service Company, Kansas Power & Light Company, Missouri Public Service Company, New England Power Service Company, New Orleans Public Service, Inc./Louisiana Power & Light Company, Oklahoma Gas & Electric Company, Omaha Public Power District, Southwestern Electric Power Company, West Texas Utilities Company, and Campbell Soup Company (all of the above hereinafter referred to as the "Respondents"), pursuant to the authority vested in the President of the United States by Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), Pub. L. No. 99-499, 42 U.S.C. § 9606(a), and Section 104(a) of CERCLA, 42 U.S.C. § 9604(a), and delegated to the Administrator of EPA on January 23, 1987, by Executive Order 12580, 52 Fed. Reg. 2923 et seq., and further delegated to the Regional Administrator by EPA Delegations Nos. 14-14-A and 14-14-C, dated April 16, 1984, and February 26, 1987, respectively. Pursuant to

Section 106(a) of CERCLA, 42 U.S.C. § 9606(a), the State of Missouri has previously been notified of this CONSENT ORDER.

2. Each of the Respondents agrees to undertake all actions required by the terms and conditions of this CONSENT ORDER but not to take any other action thereby. The Respondents neither admit nor deny the findings of fact or conclusions of law or the determinations made herein; however, the Respondents agree not to challenge said findings, conclusions or determinations for purposes of this CONSENT ORDER only, and agree not to contest EPA's jurisdiction with respect to this CONSENT ORDER, except as may otherwise be provided for herein. The Respondents reserve all rights each may have to object to, contest, or defend against any allegation of violation of this CONSENT ORDER.

B. Statement of Purpose

1. In order to contribute to the efficient performance of any final remedial actions (which are not to be implemented under the terms of this CONSENT ORDER and to which Respondents do not hereby commit to undertake) at a facility located in Holden, Missouri, where Martha C. Rose Chemicals, Inc. operated a polychlorinated biphenyl (hereinafter "PCB") brokerage, processing and treatment facility (the Holden facility), the parties have entered into this CONSENT ORDER for the purpose of conducting the following activities:

(A) To initiate and complete the removal of PCBs and PCB items, as specifically described in Article V.A., herein, from the Holden facility to EPA-authorized disposal facilities; and

(B) To fully determine the nature and extent of releases or threats of releases of hazardous substances, including PCBs, into the environment at and contiguous to and from the Holden facility (hereinafter "Remedial Investigation" or "RI"), and to evaluate alternatives for appropriate remedial action to prevent or mitigate the release or threatened release of PCBs at and contiguous to and from the Holden facility (hereinafter "Feasibility Study" or "FS") (collectively referred to as "RI/FS").

2. Final remedial actions, consistent with the provisions of CERCLA, as amended by SARA, and the National Contingency Plan (NCP), 40 C.F.R. Part 300, and consistent with the RI/FS required by this CONSENT ORDER are not addressed in nor required by this CONSENT ORDER.

C. Parties

1. This CONSENT ORDER shall be binding upon each of the Respondents, their successors, assigns, subsidiaries, as set forth herein, and EPA; and upon all persons, agents, contractors and consultants acting under or for either the Respondents or EPA or both in carrying out the actions required by this CONSENT ORDER.

2. The Respondents shall provide a copy of this CONSENT ORDER to each contractor, subcontractor, laboratory, and consultant retained to conduct any portion of the work performed pursuant to this CONSENT ORDER prior to said contractor's, subcontractor's, laboratory's or consultant's initiation of work conducted under this CONSENT ORDER.

3. In the event of any change in ownership, or corporate or partnership status of any Respondent, such Respondent shall provide a copy of this CONSENT ORDER to such transferee in interest, notify EPA of such change in ownership, corporate or partnership status, and provide EPA with a copy of a transmittal letter to the new owner, corporation, partnership, or other legal entity which evidences that a copy of this CONSENT ORDER was provided to them by such Respondent.

ARTICLE II - FINDINGS OF FACT

Without administrative hearing, trial or other adjudication of any issues of fact, and without any admission of fact by Respondents, EPA has found the following.

1. Martha C. Rose Chemicals, Inc. (hereinafter "Rose, Inc.") operated a PCB brokerage, processing and treatment facility located at 500 W. McKissock in Holden, Missouri, where PCBs were released as a result of activities of Rose, Inc., its employees, agents or other representatives.

2. Beginning in early 1983 through 1986, Rose, Inc. was engaged in the business of brokerage of PCBs and PCB

items, processing of PCB capacitors and transformers for disposal, and decontamination of mineral oil dielectric fluids containing PCBs.

3. Pursuant to the authority granted to EPA under Section 6(e) of the Toxic Substances Control Act (hereinafter "TSCA"), and regulations promulgated thereunder, Rose, Inc. was granted four approvals to conduct the following activities involving PCBs:

A. to decontaminate mineral oil dielectric fluids containing PCBs at concentrations equal to or less than 10,000 parts per million (ppm) (effective on March 15, 1983, and expired on March 15, 1986);

B. to process PCB capacitors for disposal (effective on October 15, 1983 and revoked by EPA by letter dated July 9, 1986);

C. to process PCB transformers for disposal (effective on July 1, 1984, and revoked by EPA by letter dated July 9, 1986); and

D. to simulate the loaded conditions of in-service use in order to reclassify electrical transformers containing greater than 500 ppm PCBs.

These TSCA approvals only allowed Rose, Inc. to decontaminate and process PCB fluids to less than 2 ppm; to disassemble PCB transformers and capacitors as a waste volume reduction method; to reclassify PCB transformers; and to arrange for the off-site

disposal of transformers and capacitors after testing showed PCB levels at or less than 10 ug/100 cm^2. EPA did not grant Rose, Inc. any other approvals or permits to manage any other substances.

4. The express terms of each approval listed in paragraph 3, except for the approval described in Article II. 3.D., required Rose, Inc. to comply with all applicable federal, state and local environmental laws, regulations and standards.

5. Between 1983 and 1986, the Respondents and other entities' PCB materials were shipped to the Holden facility for proper storage, processing, treatment and disposal under TSCA. Rose, Inc. did not properly manage, handle, and arrange for the lawful disposal of PCBs and PCB items shipped to its facility. The Respondents assert that Rose, Inc. was also in violation of its contractual obligation to each Respondent for failing to properly manage, handle and arrange for the lawful disposal of PCBs and PCB items.

6. Rose, Inc. failed to manage, handle and dispose of PCBs and PCB items in accordance with the applicable federal PCB regulations contained at 40 C.F.R. Part 761 and the TSCA approvals specified in Article II.3.

7. EPA personnel conducted compliance inspections at the Holden facility on November 3 and 4, 1983; August 7-15, 1984; December 19, 1985; January 7, 1986; February 26, 1986; and March 17, 1986. Each such inspection revealed violations

of applicable PCB regulatory requirements, including violations of requirements for the storage and marking of PCBs and PCB items (40 C.F.R. §§ 761.65 and 761.40, respectively); inadequate record keeping (40 C.F.R. § 761.180); and violations of requirements for the disposal and distribution in commerce of PCBs and PCB items (40 C.F.R. §§ 761.60 and 761.20(c), respectively). In response to the above-referenced violations detected during the November 1983 inspection, EPA filed an Administrative Complaint and Notice of Opportunity for Hearing against Rose, Inc. on or about March 26, 1984. The EPA and Rose, Inc. subsequently entered into a Consent Agreement and Final Order, effective June 26, 1984, wherein Rose, Inc. agreed to pay a penalty and take specific actions to come into compliance with the PCB rules and regulations. In response to the above-referenced violations detected during the August 1984 inspection, EPA filed a second Administrative Complaint and Notice of Opportunity for Hearing against Rose, Inc. on or about February 25, 1985. EPA and Rose, Inc. subsequently entered into a second Consent Agreement and Final Order, effective September 27, 1985, wherein Rose, Inc. agreed to pay a civil penalty and take specific actions to come into compliance with the PCB rules and regulations. Rose, Inc. failed to comply with the terms of both Consent Agreements and Final Orders, with the PCB rules and regulations, and with the EPA approvals specified in Article II.3.

8. Beginning in January 1985, the Occupational Safety and Health Administration (OSHA) conducted inspections at the portions of the Holden facility used by Rose, Inc. and American Steel Works, Inc. Based on air and wipe samples taken during the inspections, OSHA issued a citation on or about July 19, 1985, to Rose, Inc. and American Steel Works, Inc. which alleged violations of OSHA standards and assessed civil penalties.

9. Investigations conducted by EPA and/or the Missouri Department of Natural Resources have detected PCBs; in fauna samples downstream from the Holden facility, in sewerage sludge at the City of Holden's publicly-owned treatment works, and in branch and creek sediments downstream from the Holden facility. EPA believes these detected PCBs resulted from releases of PCBs at the Holden facility.

10. In April and May 1986, Rose, Inc. notified, among others, certain Respondents and EPA expressing its unwillingness to come into compliance with the PCB rules and regulations, 40 C.F.R. Part 761, and to properly dispose of PCB and PCB items at the Holden facility.

11. On March 1, 1986, Rose, Inc. ceased operations, and on or near that date abandoned the Holden facility.

12. On or about May 23, 1986, EPA unilaterally issued an Administrative Order (Docket No. 86-F-0006), pursuant to Section 106 of CERCLA, 42 U.S.C. § 9606, to Martha C. Rose

Chemicals, Inc., American Steel Works, Inc., W.C. Carolan Company, Inc., Walter C. Carolan, and Environmental Technology, Inc., among others, which required: (1) the implementation of certain actions in response to a PCB spill that occurred on or about May 13, 1986; (2) the implementation of certain measures to prevent environmental contamination from similar PCB spills; (3) the establishment of site security, including emergency warning and notification systems, construction of a chainlink security fence, and the posting of the Holden facility; and (4) the submission of a detailed inventory/disposal plan for all PCBs and PCB items at the Holden facility. This Order also prohibited the named parties from removing PCBs and PCB items from the Holden facility without EPA's prior approval of a plan to properly decontaminate or dispose of such PCBs and PCB items. The above-named parties refused to comply with the terms and conditions of this Administrative Order. By letters dated June 13 and June 27, 1986, EPA notified the above-named parties that EPA would consider other actions based on the said parties' refusal to comply with this Order.

13. Upon the refusal of the responsible parties identified in Article II.12. to undertake appropriate response actions pursuant to said Administrative Order (Docket No. 86-F-0006), EPA began negotiations with the Respondents, who had formed a group commonly known as the Rose Chemicals Steering Committee (the "Committee") to undertake appropriate response actions at the Holden facility.

14. As a result of the said negotiations, EPA and certain members of the Committee, the City of Holden, Missouri, and Lear Siegler, Inc. entered into an Administrative Order on Consent (AOC), Docket No. 86-F-0019, pursuant to Section 106(a) of CERCLA, 42 U.S.C. § 9606(a), wherein these members of the Committee (namely, the "Generator Respondents") agreed to perform initial response activities at the Holden facility including the stabilization and preliminary assessment of the site. Generally, those activities included:

A. Release Assessment and Containment, wherein the location and extent of any release or threatened release of PCBs which posed an immediate danger to human health or welfare or the environment would be identified and actions taken to contain any such release;

B. Site Stabilization, wherein specific actions were to be taken to stabilize the site and reduce immediate risks of releases of PCBs that threatened human health or welfare or the environment, as determined by EPA's On-Scene Coordinator (OSC);

C. Site Security, wherein specific site actions were to be taken to restrict access and provide security for the site; and

D. Site Evaluation, wherein the Generator Respondents were, from available information, to determine the nature and amounts of contaminated materials at the

Holden facility and perform studies to further define the nature and extent of contamination at the site and to gather data necessary to determine and support final response activities.

15. To implement the provisions of the AOC, Docket No. 86-F-0019, the Generator Respondents, pursuant to Attachment A of the said AOC, which was entitled "STATEMENT OF WORK - INITIAL PHASE MARTHA C. ROSE CHEMICAL, INC. SITE, HOLDEN, MO.," were to conduct immediate response actions and to submit work plans and implement them upon EPA's approval. Work required by the said AOC, Docket No. 86-F-0019, either has been implemented or is in the process of being implemented and/or completed. Certain provisions and requirements of the said AOC, Docket No. 86-F-0019, shall be incorporated into this CONSENT ORDER as described in Article V.C.

16. Based on an inventory of PCBs and PCB items at the Holden facility, conducted pursuant to the AOC, Docket No. 86-F-0019, contractors for the Respondents have identified the following approximate quantity generator-sent PCBs and PCB items at the Holden facility.

Category	Pounds
Soils	791,310 lbs.
Sludges	182,346 lbs.
Transformers	1,887,756 lbs.
Transformer Parts	160,905 lbs.
Whole capacitors	1,486,341 lbs.
Capacitor cores	2,002,261 lbs.
Capacitor parts	167,525 lbs.
Liquids	4,746,011 lbs.
Miscellaneous debris	2,034,640 lbs.
Total Inventory Weight	13,459,095 lbs.

17. In addition to the generator-sent PCBs and PCB items referred to in Article II.16., additional PCB-contaminated items exist at the Holden facility which must be properly decontaminated and/or disposed. These non-generator sent PCB-contaminated items were returned by EPA to the Holden facility from locations in Johnson County, Missouri and Kansas City, Missouri. EPA believes that these PCB-contaminated items became contaminated as a result of contact with generator-sent PCBs. These PCB-contaminated items were moved from the Holden facility by persons known to be associated with Martha C. Rose Chemicals, Inc. in violation of an express provision prohibiting the removal of PCBs and PCB items from the Holden facility. This provision is in the Administrative Order, Docket No. 86-F-0006, more fully described in Article II.12., supra.

18. In addition to PCBs and PCB items referred to in Article II.16. and 17., EPA believes the following PCB contamination exists at the Holden facility.

A. PCB-contaminated equipment and other PCB-contaminated items are present at the Holden facility. The equipment and items were not sent to the Holden facility by the Respondents or other responsible parties, but became contaminated as a result of Rose, Inc.'s activities or as a result of activities by persons known to be associated with Rose, Inc.

B. Surface soil contamination exists on the facility grounds as a result of spills or releases of PCBs, indicating the possibility of some sub-surface contamination.

C. Current and past investigations have revealed the presence of buried materials which may or may not be contaminated with PCBs.

D. Water contained in a warehouse pit, which may be an environmental pathway to groundwater, is contaminated with low concentrations of PCBs.

E. Spills or releases of PCBs have occurred causing contamination of surface waters and pond areas at the Holden facility.

F. The warehouse, wherein the significant portion of PCBs and PCB items are presently located, has been contaminated with PCBs as a result of Rose, Inc.'s activities.

19. On June 20, 1986, certain utility creditors, to wit: Southwestern Electric Power Company, Central Louisiana Electric Company, Inc., The Kansas Power & Light Company and Illinois Power Company filed an involuntary petition in the United States Bankruptcy Court, Western District of Missouri, against Martha C. Rose Chemicals, Inc. Initially, Rose, Inc. did not oppose this petition. A trustee, John R. Stonitsch, was apppointed. The trustee received less than all the records of the bankrupt Rose, Inc. On March 2, 1987, the Trustee and petitioning creditors filed a joint motion for an order nunc pro tunc amending the caption in the involuntary petition to

include alter egos of the debtor. On April 1, 1987, a joint stipulation was filed by which the alter ego entities and individuals confessed the allegations of the motion. The Court granted the motion. The Findings of Fact and Conclusions of Law were filed on June 18, 1987. The name of the debtor now includes the alter egos, to-wit: Martha C. Rose Chemicals, Inc., a Missouri corporation, also doing business as American Steel Works, Inc., a Kansas corporation, and as W.C. Carolan Company, Inc., a Missouri corporation, and as Dust Suppression Systems, Inc., a Missouri corporation, and as Koenig Manufacturing, Inc., a Missouri corporation, and as the Trova Company, a Missouri corporation, and as I.D.C. Limited, a corporation of the Commonwealth of the Bahamas, and Walter C. Carolan, Jr., an individual, and James Bryan Carolan, an individual, its alter egos, Debtors.

20. Polychlorinated biphenyls (PCBs) are defined as any chemical substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contain such substance (40 C.F.R. § 761.3). PCBs have traditionally been used as dielectric and cooling fluids in electrical equipment.

21. Depending upon concentration, degree of chlorination, and duration of exposure, PCBs may cause harmful effects to vegetation and may cause illness, disease, or

other harmful effects to animal life or humans via oral and/or dermal exposure through air transport of PCB-contaminated dust or direct contact.

22. The Holden facility is located within the city limits of Holden, Missouri in a mixed use business, agricultural, and residential area. More specifically, two sides of the Holden facility abut residential development, one side abuts agricultural land, and one side abuts other active business entities.

ARTICLE III - CONCLUSIONS OF LAW

Without administrative hearing, trial or other adjudication of any conclusion of law, without any admission of the following conclusions of law by Respondents, EPA has found as follows.

1. Respondents are each a "person" as defined in Section 101(21) of CERCLA, as amended, 42 U.S.C. § 9601(21).

2. The Holden facility is a "facility" within the meaning of Section 101(9) of CERCLA, as amended, 42 U.S.C. § 9601(9).

3. The PCBs and PCB items at the Holden facility or which have been released at or from the said facility are "hazardous substances" as defined in Section 101(14) of CERCLA, as amended, 42 U.S.C. § 9601(14).

4. The actual and potential for spillage, leakage and escaping of PCBs at and from the Holden facility and the

presence of PCBs in grounds at and contiguous to the Holden facility constitute an actual or a threat of "release" into the environment as defined by Sections 101(22) and 106(a) of CERCLA, as amended, 42 U.S.C. §§ 9601(22) and 9606(a).

5. The activities described in Article V.A., constitute "removal" actions as defined by Section 101(23) of CERCLA, as amended, 42 U.S.C. § 9601(23).

ARTICLE IV - DETERMINATIONS

Based on the foregoing findings of fact and conclusions of law, and upon a review of pertinent records, the Regional Administrator has determined that:

A. there may be an imminent and substantial endangerment to the public health or welfare or the environment because of the presence of an actual or threatened release of hazardous substances namely, PCBs, at or from the Holden facility;

B. in order to protect public health and welfare and the environment, it is necessary that the response actions set forth and required by this CONSENT ORDER be taken to mitigate the release and/or threat of release of PCBs from or at the Holden facility;

C. the actions required by the terms of this CONSENT ORDER are in the public interest and consistent with the National Contingency Plan, 40 C.F.R. Part 300; and

D. the Respondents, who will undertake the removal actions and conduct the RI/FS, as required by Article V of this CONSENT ORDER, are qualified to undertake such activities and will do so in a proper manner.

ARTICLE V - ORDER

The Respondents agree to undertake all actions required by the provisions of this CONSENT ORDER and the Respondents acknowledge that each is individually liable for compliance with the applicable requirements of this CONSENT ORDER. All work performed pursuant to this CONSENT ORDER shall be under the direction of qualified personnel. The Respondents shall notify EPA as to the identity of such personnel and of any contractors and subcontractors to be used in carrying out the activities described in the attached Statement of Work and obtain EPA's approval prior to their use.

Based on the foregoing, it is therefore AGREED and ORDERED as follows.

A. Removal Activities.

1. The removal actions identified in Attachment A, "STATEMENT OF WORK, REMOVAL OF PCB WASTES, MARTHA C. ROSE CHEMICALS, INC., HOLDEN, MO.," (hereinafter, "SOW") which is incorporated herein in its entirety by this reference, shall be conducted in accordance with the PCB rules and regulations, 40 C.F.R. Part 761, unless otherwise specifically provided for herein.

2. Within fifteen (15) work days of the effective date of this CONSENT ORDER, the Respondents shall submit a proposed time schedule for implementation of activities undertaken pursuant to the SOW. Such time schedule is subject to EPA review, modification and approval. The EPA shall complete its review of such schedule in an expeditious manner and shall notify the Respondents in writing of EPA's approval or disapproval of the schedule or any part thereof. In the event of any disapproval, EPA shall specify in writing both the deficiencies and any EPA recommended modifications regarding the schedule. Upon Respondents' receipt of any EPA disapproval, the provisions of Article VI.J., Resolution of Disputes, shall apply.

3. Within fifteen (15) work days of the date (as approved by EPA under Article V.A.2.) of the award of the primary contract to conduct the removal actions, or within thirty (30) work days of the effective date of this CONSENT ORDER, whichever is sooner in time, the Respondents shall submit a Work Plan for implementation of all removal actions conducted pursuant to this CONSENT ORDER and the SOW. The Removal Work Plan shall be the implementation instructions which Respondents' contractor(s) and/or subcontractor(s) will follow in conducting the removal actions pursuant to this CONSENT ORDER and shall include, at a minimum; details on what

and how PCB materials/wastes will be removed from the Holden facility, where materials will be sent, the documentation and records to be maintained relating to the removal actions, and safety procedures to be utilized during the removal actions. The Removal Work Plan is subject to EPA review, modification and approval. The EPA shall complete its review of the Removal Work Plan in an expeditious manner and shall notify the Respondents in writing of EPA's approval or disapproval of the Removal Work Plan or any part thereof. In the event of any disapproval, EPA shall specify in writing both the deficiencies and any EPA recommended modifications regarding the Removal Work Plan. Upon Respondents' receipt of any EPA disapproval, the provisions of Article VI.J., Resolution of Disputes, shall apply.

B. Remedial Investigation/Feasibility Study Activities.

1. The Respondents shall develop a Work Plan for, and conduct, a RI/FS relevant to the selection of final remedial actions at the Holden facility. The Respondents shall reimburse EPA for any costs incurred in connection with EPA, its employees, agents, contractors, or other authorized representatives, in overseeing and reviewing the development of the RI/FS Work Plan and implementation or conduct of said RI/FS. Such reimbursement shall be in accordance with Article VI.D., herein.

2. The development of the RI/FS Work Plan and the conduct of the RI/FS, after EPA's approval of the said Work Plan, shall be in accordance with the National Contingency Plan, 40 C.F.R. Part 300. The FS shall use applicable technical parameters set forth in EPA's "Polychlorinated Biphenyls Spill Cleanup Policy," 52 Fed. Reg. 10688 et seq. Upon EPA's approval of the RI/FS Work Plan, said Work Plan shall be made part of and be incorporated into this CONSENT ORDER as Attachment "B".

3. The RI shall address, at a minimum, the following matters with primary attention to PCBs:

(A) surface contamination of soils;

(B) surface water/sediment contamination;

(C) groundwater contamination;

(D) subsurface contamination; and

(E) a full characterization of the contamination of the onsite structures, buildings, concrete, pits, floors, curbings and PCB items and other PCB-contaminated materials specifically excluded from the SOW and identified in Article II.17. and Article II.18.A.

4. Within ninety (90) calendar days of the effective date of this CONSENT ORDER, Respondents shall submit the RI/FS Work Plan which shall include all appropriate activities set forth in EPA's "Guidance on Remedial Investigations Under CERCLA (June 1985)" and EPA's "Guidance on Feasibility

Studies Under CERCLA (June 1985)," and a proposed time schedule for implementation of each discrete RI/FS activity. The RI/FS Work Plan is subject to EPA review, modification and approval. The EPA shall complete its review of such Work Plan in an expeditious manner and shall notify the Respondents in writing of EPA's approval or disapproval of the Work Plan or any part thereof. In the event of any disapproval, EPA shall specify in writing both the deficiencies and any EPA recommended modifications regarding the RI/FS Work Plan. Upon Respondents' receipt of any EPA disapproval, the provisions of Article VI.J., Resolution of Disputes, shall apply.

C. Incorporation of Administrative Order on Consent, Docket No. 86-F-0019

1. The work required by the Administrative Order on Consent (AOC), Docket No. 86-F-0019, which is incorporated herein by reference as Attachment C, has either been implemented or is near completion. The following described actions or activities required by the said AOC shall be incorporated herein and shall, upon the effective date of this CONSENT ORDER, either be undertaken and/or implemented, if not already implemented, by the Respondents in accordance with this paragraph.

(A) Release Assessment and Containment. Respondents shall continue to monitor the Holden facility for releases or threats of releases of PCBs which may pose an immediate danger to human health or welfare or the environment

and, with respect to such releases or threats of releases, contain such releases or take appropriate actions to eliminate such threats of releases. Within twenty (20) work days of the effective date of this CONSENT ORDER, Respondents shall submit a detailed report to EPA regarding all actions that have been undertaken to the effective date of this CONSENT ORDER, to comply with the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 1.

(B) Site Stabilization. Respondents shall continue to monitor the Holden facility to stabilize the site to reduce immediate risks of releases of PCBs that threaten human health or welfare or the environment as determined by EPA's OSC or Project Coordinator. Such stabilization shall include continued compliance with the AOC Statement of Work - paragraph 2. Within twenty (20) work days of the effective date of this CONSENT ORDER, Respondents shall submit a detailed report to EPA regarding all actions that have been undertaken to the effective date of this CONSENT ORDER to comply with the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 2.

(C) Site Security - Respondents shall continue to restrict access and provide security to the site in accordance with the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 3. The EPA expressly acknowledges that the Respondents have a qualified right of access at the Holden

facility and EPA agrees to exercise reasonable use of its statutory powers to regain access if the City of Holden and/or Lear Siegler, Inc. restrict the Respondents' access to the Holden facility and if the Respondents have exercised best efforts to regain said access.

(D) Site Survey - Respondents shall, within ten (10) work days of the effective date of this CONSENT ORDER, submit a detailed sampling and inventory report relating to all work performed pursuant to the AOC, Docket No. 86-F-0019, Statement of Work - paragraphs 5 and 6. The sampling report shall include at a minimum: (1) results obtained from analyzed samples taken at the Holden facility, including air sampling, samples taken from all area sampling grids and all water, sediment, storm drain, sewer drain, and wipe samples; (2) quality assurance/quality control efforts and results including use of duplicate samples, spike samples and blank samples; and (3) all chain of custody and field sheets for all samples taken. The inventory report shall include all data, measurements, or other information that has been collected by the Respondents relating to each PCB item and all other PCBs at the Holden facility. The inventory report shall include a description of all codes utilized by the Respondents in conducting their site inventory.

(E) Work Plans. Respondents shall, within ten (10) work days of the effective date of this

CONSENT ORDER, revise and resubmit the Work Plans required by the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 6. The Respondents may modify and utilize such plans as appropriate to comply with the provisions of this CONSENT ORDER.

2. Upon approval by EPA of all reports, plans or other documents submitted pursuant to Article V.C., the requirements of the AOC, Docket No. 86-F-0019, except for the surviving provisions identified in Article V.C.3. and as otherwise provided for in this CONSENT ORDER, shall be satisfied and terminated. The EPA shall notify Respondents of this approval and that the requirements of the AOC, Docket No. 86-F-0019, are satisfied and that work conducted under the said AOC was conducted in accordance with the National Contingency Plan, 40 C.F.R. Part 300.

3. The following provisions and/or requirements shall survive the notification by EPA that the provisions of the AOC, Docket No. 86-F-0019, have been satisfied and terminated: Article VI.B., Records; Article VI.C.1., Access to the Site; Article VI.E., Liability; Article VI.G., Record Preservation; Article VI.K., Reservation of Rights; and Article VI.L., Other Claims.

ARTICLE VI - PROCEDURAL AND LEGAL PROVISIONS

A. Authorized Representatives

1. The Respondents, as a single entity, hereby designate the below-named individual (and alternate) as the single representative who shall be authorized to represent

each and every Respondent in all matters pertaining to this CONSENT ORDER. Said representative (hereinafter the "Respondents' Executive") shall have authority both to receive all reports, comments, notifications, and other correspondence from EPA pursuant to this CONSENT ORDER and convey decisions on behalf of the Respondents. The Respondents have the right to change the said Respondents' Executive or alternate by notifying EPA in writing at least five (5) calendar days prior to said change.

Mr. Jene L. Robinson 500 S. 27th Street Decatur, Illinois 62525 217-424-6834	(Alternate) Mr. Jay Pruett P.O. Box 21106 428 Travis Street Shreveport, Louisiana 71156-0001 318-221-2604

2. On or before the effective date of this CONSENT ORDER, the Respondents shall designate a Project Coordinator, if other than the Respondents' Executive, or after said effective date if the Respondents decide to divide the responsibilities of the said Executive and Project Coordinator. EPA's Project Coordinator is identified in Article VI.A.3. Each Project Coordinator shall be responsible for overseeing the implementation of the provisions of this CONSENT ORDER. Communications between the Respondents and EPA that concern technical issues and/or matters shall be directed through the EPA Project Coordinator and the Respondents' Executive and/or the Respondents' Project Coordinator. The Respondents and

EPA each have the right to change their respective Project Coordinator(s). Such change shall be accomplished by notifying the other party in writing at least five (5) calendar days prior to said change.

3. All correspondence, reports, work plans and other writing required under the terms of this CONSENT ORDER, to be submitted to EPA, shall be sent to the EPA's Project Coordinator:

Mr. Steven Kinser, Project Coordinator
Waste Management Division
U.S. Environmental Protection Agency
Region VII
726 Minnesota Avenue
Kansas City, Kansas 66101

B. Record Preservation and Availability of Information

1. Respondents, and/or their designated agents, shall preserve, during the pendency of this CONSENT ORDER and for a minimum of seven (7) years after its termination, at least one copy of all records and documents in their possession or in the possession of their divisions, employees, agents, accountants, or contractors which relate in any way to the Holden facility or work performed pursuant to this CONSENT ORDER, notwithstanding any document or record retention policy to the contrary. Such records include, but are not limited to, sampling records, results of analyses, chain-of-custody records, manifests, trucking logs, receipts, reports, records of destination of PCBs, correspondence and other documents

created or produced pursuant to this CONSENT ORDER. After this seven year period, the Respondents shall notify EPA at least sixty (60) calendar days prior to the destruction of any such document. Upon request by EPA, the Respondents shall make available to EPA such records or documents, or copies thereof, provided they are not attorney work-product or subject to the attorney-client privilege, if requested by EPA within the said sixty (60) day period.

2. Upon written request from EPA, Respondents shall promptly, but in no instance longer than ten (10) calendar days after request by EPA, make available to EPA all scientific or technical data in their possession or control generated by the Respondents, or on behalf of the Respondents, that concern the Holden facility. Scientific and/or technical data shall include, but is not limited to, all records specifically identified and described in Article VI.B.1. and all background or preliminary records or documentation that are used in any way as a basis for any reports or studies required by this CONSENT ORDER. Upon request, EPA will make available to Respondents all sampling and analytical data (including split samples) and hydrological or geological information in its possession that pertains to the Holden facility.

3. The Respondents may assert a business confidentiality claim covering part or all of the information submitted under this CONSENT ORDER in the manner set out in 40 C.F.R. § 2.203(b). The information covered by such a claim will be

disclosed by EPA only to the extent, and by the means of the procedures, set forth in 40 C.F.R. Part 2, Subpart B (1986). If no confidentiality claim accompanies the information when it is received by EPA, it may be made available to the public by EPA without further notice to the Respondents.

4. All records submitted to EPA pursuant to this Article shall be sent to the designated EPA Project Coordinator.

5. The terms and provisions of this CONSENT ORDER shall not be interpreted or construed as preventing EPA from requesting information or records pursuant to its authorities under the law.

C. Access to the Site

1. Respondents shall grant EPA and/or its authorized representatives the authority to enter and freely move about all areas at the Holden facility at all reasonable times for the purposes of, inter alia: inspecting records; reviewing the progress of the Respondents in carrying out the provisions of this CONSENT ORDER; conducting such tests and taking such samples as EPA deems necessary; using a camera, sound recording, or other documentary type equipment; and verifying the data submitted to EPA by the Respondents. With the exception of documents covered by the attorney-client privilege or attorney work-product, the Respondents shall permit EPA or its authorized representatives to inspect and copy all records, files, photographs, documents and other writings (including all sampling and monitoring data) which in any way pertains to work undertaken

pursuant to this CONSENT ORDER. At the request of the Respondents, EPA and/or its authorized representatives shall allow the Respondents to split or duplicate any samples collected by EPA and/or its authorized representatives.

2. The City of Holden and/or Lear Siegler, Inc. have provided access to Respondents as necessary for the Respondents to implement the terms of the AOC, Docket No. 86-F-0019, and such access continues to be effective as of the date of this CONSENT ORDER. To the extent that the Holden facility or properties adjacent to the Holden facility are controlled by parties other than those bound by this CONSENT ORDER and that access to the Holden facility or properties adjacent to the Holden facility is necessary to fulfill the conditions of this CONSENT ORDER, including the accompanying Statement of Work, the Respondents will use their best efforts to obtain/maintain access. In the event that such necessary access agreements cannot be obtained, or if obtained, are revoked by entities controlling access to the Holden facility or property near the Holden facility, Respondents shall notify EPA. If the Respondents cannot obtain or lose access, despite best efforts, EPA agrees to exercise reasonable use of its applicable statutory authority to assist the Respondents in obtaining such access where voluntary access is denied. Nothing contained herein is intended to relieve the Respondents from complying with any clause or provision in existing agreements

setting out rights or obligations of the Respondents being given access to the Holden facility or property near the Holden facility.

3. Nothing herein shall be construed as restricting the inspection or access authority of EPA under federal law or regulations.

D. Reimbursement of Costs

Pursuant to Article V.B., the Respondents shall reimburse EPA for costs EPA incurs, not inconsistent with the National Contingency Plan, in connection with overseeing and reviewing the conduct of the RI/FS. Within one hundred-twenty (120) calendar days after the end of each Federal fiscal year, EPA shall submit to the Respondents an accounting of all such costs incurred in overseeing and reviewing the conduct of the RI/FS during the previous fiscal year. The Respondents shall, within thirty (30) calendar days of receipt of that accounting, forward a cashiers check for the amount of said costs made payable to the Hazardous Substance Superfund. Checks should specifically reference the identity of the site and the docket number of this CONSENT ORDER and be addressed to:

U.S. Environmental Protection Agency
Superfund Accounting
P.O. Box 371003M
Pittsburgh, Pennsylvania 15251
Attention: Superfund Collection Office

A copy of the transmittal letter and cashier's check shall be sent to the EPA Project Coordinator by the Respondents.

E. EPA Oversight

The EPA may appoint an On-Scene Coordinator (OSC) who shall have the authority vested by the National Contingency Plan at 40 C.F.R. Part 300. This includes the authority to halt, conduct or direct any activities required by this CONSENT ORDER and/or any response actions or portions thereof when conditions present an imminent and substantial endangerment to the public health or welfare or the environment or when necessary to assure that such activities or actions are not inconsistent with the National Contingency Plan. The OSC, or any person designated by the OSC, will have the right to move freely about the Holden facility at all times when work is being carried out pursuant to this CONSENT ORDER. In the absence of designation of an EPA OSC, EPA's Project Coordinator shall assume the authorities specifically provided for herein.

F. Liability

1. Neither the United States nor any agency or agents or employees thereof shall be liable for any injuries or damages to persons or property resulting from acts or omissions of Respondents, their officers, directors, employees, agents, servants, receivers, trustees, successors, or assignees, or of any persons, including but not limited to firms, corporations, subsidiaries, contractors or consultants, in carrying out activities pursuant to this CONSENT ORDER, nor shall the United States or any agency or agents or employees thereof be

held out as a party to any contract entered into by the Respondents in carrying out activities pursuant to this CONSENT ORDER. This paragraph does not apply to any agency of the United States that has been identified as a potentially responsible party at the Holden facility.

2. Nothing in this CONSENT ORDER, including its attachments, is intended to be, nor shall it be, an admission of fact or law, an estoppel or waiver of defenses for any purpose except as expressly provided herein. Nothing herein is intended to be, nor shall it be, a release or settlement of any private claims or injuries known or unknown to persons or property of any private person or local government agency.

3. Except as provided for in Article VI.N.4., nothing in this CONSENT ORDER, including its attachments, is intended to be, nor shall it be, a final settlement of liabilities between EPA and Respondents with respect to environmental conditions that exist at the Holden facility.

4. Except for the penalties provided for in Article VI.G. and P., the costs incurred by Respondents in complying with the provisions of this CONSENT ORDER are not intended to be and shall not be construed as penalties.

G. Penalties for Non-Compliance

1. Upon notification by EPA, the Respondents shall be subject to and pay stipulated penalties, that have not been forgiven pursuant to Article VI.G.5., as follows

for each day Respondents fail to meet the time deadlines required in Articles V.A.2., V.A.3., V.B.4. and V.C. of this CONSENT ORDER:

Days After Due Date	Penalty
1-10	$250.00
11-	$500.00

2. Stipulated penalties shall accrue as follows for each day Respondents fail to meet interim time deadlines for implementation of either the RI/FS (except Articles V.A.2. and V.A.3.) or Removal Work Plans:

Days After Due Date	Assessment For Each Day
1-10	$250.00
11-21	$500.00
21-	$1000.00

3. Upon notification by EPA, the Respondents shall be subject to and pay stipulated penalties, that have not been forgiven pursuant to Article VI.G.5., at the rate of $5,000 for each day Respondents fail to meet final completion time deadlines set forth in either the Removal Work Plan or the RI/FS Work Plan. The Respondents shall be subject to and pay stipulated penalties under this paragraph, unless and to the extent a time delay is granted under the provisions of Article VI.K., Delay in Performance.

4. Where the Respondents fail to meet the interim time deadlines provided for in Article VI.G.2., EPA shall forgive the relevant accrued interim deadline stipulated penalties, if and when Respondents meet the final completion time deadlines set forth in the Removal Work Plan or RI/FS Work Plan.

5. Any stipulated penalties which are due under Articles VI.G.1., VI.G.2., or VI.G.3. may be forgiven by EPA at the Agency's election.

6. All stipulated penalties paid under Article VI.G. shall be payable by cashiers check to the Hazardous Substances Superfund. Checks shall specifically reference the identity of the site and the docket number of this CONSENT ORDER and be addressed to:

U.S. Environmental Protection Agency
Superfund Accounting
P.O. Box 371003M
Pittsburgh, Pennsylvania 15251
Attention: Superfund Collection Office

7. Any stipulated penalty paid by the Respondents under this Article V.I.G., constitute a credit against penalties imposed by EPA under Section 106(b) of CERCLA, as amended, and against punitive damages imposed by EPA under Section 107(c)(3) of CERCLA, as amended. This credit provision shall not apply to violations of this CONSENT ORDER not specified in this Article VI.G.

H. Other Applicable Laws

1. All actions required to be taken pursuant to this CONSENT ORDER shall be undertaken in accordance with legally relevant and applicable EPA policies and with the requirements of all applicable local, state and federal laws and regulations, including the PCB rules and regulations at 40 C.F.R. Part 761, as determined by EPA.

2. To the extent that compliance with any federal, state, or local law, or requirement is delayed despite Respondents good faith effort to comply, EPA agrees that the Respondents are not thereby in violation of this CONSENT ORDER nor the applicable law or regulation.

I. EPA Review

Following EPA's receipt of any submittal, plan, report, schedule, or any part or refinement or revision thereof, required to be submitted by the Respondents to EPA pursuant to this CONSENT ORDER, EPA shall review such submittal, plan, report, or schedule in an expeditious manner and notify the Respondents in writing of its approval or disapproval or modification of the submittal, plan, report, schedule, or any part or further refinement or revision thereof. In the event of any disapproval or modification, EPA shall specify in detail both the deficiencies and reason(s) therefore. Any submittal, plan, report, schedule, or any part or further refinement or revision thereof, which is approved by EPA and performance of which is not contingent upon determining or proceeding with a disapproved or modified part of the submittal, plan, report or schedule shall, on the date of such approval, become final for purposes of this CONSENT ORDER.

J. Resolution of Disputes

1. As to any submittal, plan, report, schedule, or any part or refinement or revision thereof, for which EPA has

provided the Respondents a written notice of disapproval pursuant to the provisions of this CONSENT ORDER, the Respondents shall, within fourteen (14) calendar days of receipt of such notice either:

(A) modify and resubmit to EPA such submittal, plan, report, or schedule, or portion thereof, revised to eliminate the deficiencies or unacceptable provisions therein as specified by EPA, in which case the disputed submittal, plan, report, or schedule, or refinement or revision thereof, shall become final for purposes of this CONSENT ORDER upon written notification of EPA's approval; or

(B) confer with EPA in an attempt to achieve agreement on the disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof. If agreement can be achieved by such conference, it will be memorialized in a joint memorandum between the parties and the disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof, shall become final for purposes of this CONSENT ORDER on the effective date of such memorandum.

2. If agreement concerning the disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof, cannot be achieved by means of the procedures set out in Article VI.J.1.(A) and (B), Respondents may either request a conference before the Regional Administrator or present a written presentation to the Regional Administrator (or both)

in an attempt to resolve said disputed matter(s). Respondents' request for a conference or submission of a written presentation (if a conference is not requested) must be received by EPA within ten (10) work days of receipt by Respondents' Executive or Project Coordinator of any written notice of disapproval. Within twenty (20) work days of receipt of any notice of disapproval by the Respondents' Executive or Project Coordinator, or within ten (10) work days of said conference (or receipt of the written presentation, if a conference is not requested) whichever occurs later in time, the Regional Administrator shall provide the Respondents a written decision regarding said disputed matter(s) and advise the Respondents to take such actions as are appropriate to achieve the goals of this CONSENT ORDER.

3. None of the foregoing provisions shall prohibit any party from pursuing appropriate judicial or other remedies as provided by law on the disputed portions of any submittal, plan, report, or schedule; or from seeking such further and additional relief; or from undertaking such response actions as may be necessary to protect human health or welfare or the environment.

4. If agreement concerning any disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof, cannot be achieved by means of the procedures set out in Article VI.J.1. (A) and (B), and if Respondents request either a conference before the Regional Administrator

or present a written presentation to the Regional Administrator (or both) pursuant to Article VI.J.2., and if such a disagreement and subsequent review by the Regional Administrator causes a delay that would subject Respondents to stipulated penalties under Article VI.G., such stipulated penalties shall continue to accrue. To the extent the Regional Administrator's written decision under Article VI.J.2. totally adopts Respondents' position with respect to a disagreement, the relevant accrued stipulated penalties shall be forgiven and an appropriate time extension relevant to a disputed matter and at least equal to the delay caused by the institution of the process described in Article VI.J.2. shall be granted in the Regional Administrator's written decision. To the extent the Regional Administrator's written decision under Article VI.J.2. either totally adopts EPA's position or partially adopts Respondents' position and partially adopts EPA's position with respect to a disagreement, the amount of the accrued stipualted penalties, if any, resulting from the delay caused by the institution of the process described in Article VI.J.2. shall become due and payable as specified in the Regional Administrator's written decision.

5. The time periods of Article VI.J. may be extended by the written agreement of the parties involved.

K. Delay in Performance

1. If any event occurs which causes delay in the achievement of any of the requirements of this CONSENT ORDER,

despite the Respondents' good faith efforts, the Respondents shall promptly notify EPA's On-Scene Coordinator and/or Project Coordinator orally within seventy-two (72) hours of the event and shall, within seven (7) calendar days of said oral notification to EPA, notify EPA in writing of the anticipated length and cause of the delay, the measures taken and/or to be taken to prevent or minimize the delay, and the timetable by which the Respondents intend to implement said measures. For purposes of this CONSENT ORDER, such events are defined as any event arising from circumstances beyond the reasonable control of the Respondents which could not be overcome by good faith efforts, including but not limited to: inability to obtain materials or otherwise perform due to an act of God, act of public enemy, war, blockade, public riot, lightning, fire, storm, flood, explosion, labor disputes; delay caused solely by EPA or other government agenies or their contractors; or delay in obtaining or maintaining access. Increased costs of performance of the terms of this CONSENT ORDER, except exceptional, commercially impractical disposal costs as specified in Article VI.K.4., shall not be considered circumstances beyond the control of the Respondents. The Respondents shall adopt all reasonable measures to avoid or minimize delays, which shall include use of alternate disposal facilities in the event any original chosen disposal facility becomes unavailable for any reason.

2. The EPA, through its Project Coordinator, shall acknowledge the Respondents' notice of delay and consider granting any appropriate time extension by letter to the Respondents' Executive or Respondents' Project Coordinator. Disputes concerning the period of additional time necessary to complete work shall be resolved through Article VI.J., Resolution of Disputes.

3. In the event EPA agrees that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of the Respondents, such delay shall not be deemed a violation of either this CONSENT ORDER or applicable law and the time for performance hereunder shall be extended for an appropriate period of time. An extension of time granted by EPA in complying with an incremental step in any schedule established pursuant to this CONSENT ORDER may extend for a time period exceeding the delay time period and may extend each subsequent step.

4. The EPA and Respondents acknowledge that conditions at off-site storage, treatment, or disposal (TSD) facilities may require the Respondents to cease sending wastes to such facilities. The Respondents shall inform EPA of the name and address of each of the Respondents' off-site TSD facilities. Upon receipt of relevant information that EPA has interdicted or is likely to interdict any of Respondents' off-site TSD facilities, EPA's Project Coordinator shall immediately notify the Respondents

of such interdiction or possible interdiction. Upon receipt of the EPA's Project Coordinator's notification that EPA has interdicted one of Respondents' off-site TSD facilities, Respondents shall cease sending Holden facility wastes to the interdicted facility. If EPA interdicts one or more of the Respondents' off-site TSD facilities, EPA - Region VII agrees to: (i) assist the Respondents in identifying the cause for each of the facility's interdiction; (ii) appropriately suspend the time deadlines imposed under the CONSENT ORDER for compliance made impossible because of the interdiction; and (iii) apply the Resolution of Disputes mechanism, Article VI.J., to any disagreement regarding the added time period necessary for the Respondents to identify, submit bids, and contract for the services of a conforming TSD facility. EPA does not intend that Respondents incur exceptional, commercially impractical expense and therefore EPA agrees that the Respondents are allowed sufficient time to negotiate commercial terms should EPA interdict one or more of the Respondents' off-site TSD facilities.

L. Subsequent Modification or Amendment

This CONSENT ORDER may be amended or modified by mutual agreement of EPA and the Respondents, and may include amendments or modifications necessary to address such cleanup or decontamination activities not currently addressed in this

CONSENT ORDER but which are necessary to protect public health or welfare or the environment. Such amendments or modifications shall be in writing and shall have as their effective date, the date on which such amendments or modifications are signed by EPA after Respondents have signed such amendment or modification.

M. Reservation of Rights

1. Notwithstanding compliance with the terms of this CONSENT ORDER, the Respondents are not released from liability for any actions taken by EPA, if any, beyond the terms of this CONSENT ORDER. EPA reserves the right to take, and the Respondents reserve the right to oppose, any enforcement action pursuant to CERCLA and/or any available legal authority, including the right to seek injunctive relief, monetary penalties, and punitive damages for any violations of law or of this CONSENT ORDER.

2. The Respondents and EPA expressly reserve all rights and defenses that they may have, including EPA's right to request that the Respondents perform tasks in addition to those required in Article V., of this CONSENT ORDER. The Respondents reserve the right to oppose such requests. In addition, EPA reserves the right to undertake removal actions and/or remedial actions at any time after first notifying and, if sufficient time exists, conferring with Respondents or their designated representatives prior to initiating any removal or remedial action at the Holden facility. In either

event, EPA reserves the right to seek reimbursement from the Respondents thereafter for such costs incurred by the United States as are not inconsistent with the National Contingency Plan, and Respondents reserve the right to contest any such action.

3. Each Respondent reserves its right to bring any action, including an action for contribution otherwise available against any person, as defined in Section 101(21) of CERCLA, as amended, 42 U.S.C. § 9601(21).

N. Other Claims

1. Except as expressly provided herein and in CERCLA, as amended, no provision in this CONSENT ORDER is intended or shall be construed as a release by any party of any claims, causes of action or demand in law or equity against any person, firm, partnership, corporation or governmental entity for any liability it may have arising out of or relating in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous substances taken to or taken from the Holden facility or otherwise released at or from the Holden facility.

2. This CONSENT ORDER does not constitute preauthorization of funds under Section 111(a)(2) of CERCLA, 42 U.S.C. § 9611(a)(2).

3. In entering into this CONSENT ORDER, Respondents waive any right to seek reimbursement under

Section 106(b)(2) of CERCLA, as amended, for any past costs and costs that may be incurred by Respondents in complying with the provisions of this CONSENT ORDER.

4. In accordance with its policies, EPA waives any claims it might have under TSCA to assess civil penalties against any and all Respondents which have arisen or which may arise out of the failure of Rose, Inc. to dispose of any Respondents PCBs, PCB items, and/or PCB-contaminated materials (sent by said Respondent to the Holden facility) within one (1) year from the date when said PCBs, PCB items and/or PCB-contaminated materials were first placed into storage for disposal [40 C.F.R. § 761.65 (a)]. This waiver applies only to the one-year disposal requirement specified in 40 C.F.R. § 761.65 and is expressly conditioned to each Respondent upon:

(A) Respondent having delivered the said PCBs, PCB items and/or PCB-contaminated materials to the Holden facility at least ninety (90) days prior to the expiration of one year from when the PCBs, PCB items, and/or PCB-contaminated materials were first placed into storage for disposal; and

(B) compliance with the terms and provisions of this CONSENT ORDER.

Except as provided for in Article N.4., the Respondents remain liable for the proper disposal of PCBs, PCB-items, and

PCB-contaminated materials under applicable provisions of TSCA and CERCLA. PCBs and PCB items which are presently in storage for disposal at the Holden facility shall be disposed of at either a TSCA-approved landfill or TSCA-approved incinerator within sixty (60) days from the date said PCBs or PCB items are removed and transported from the Holden facility to the TSCA-approved landfill or incinerator. For purposes of complying with the terms of this CONSENT ORDER and with the one (1) year disposal requirement in 40 C.F.R. § 761.65(a) and to facilitate the expeditious clean-up of the Holden facility, EPA has agreed to exercise its enforcement discretion not to seek penalties against off-site disposal facilities for violations of the TSCA one-year disposal requirement as long as PCBs and PCB items are disposed of within the said sixty (60) day time period. The EPA also agrees, in accordance with its TSCA Compliance Program Policy No. 6-PCB-6 dated August 16, 1983, which is herein incorporated by reference as Attachment D, that any off-site disposal facility's failure to dispose of PCBs or PCB items governed by this CONSENT ORDER, within the said sixty (60) days, shall not subject Respondents to penalties under TSCA for any disposal facility's failure to dispose of PCBs or PCB items within the said sixty (60) days.

5. If EPA seeks to recover its past response costs (to the effective date of this CONSENT ORDER), and/or response costs it incurs in overseeing the implementation of this CONSENT

ORDER (excluding costs relating to overseeing the development and implementation of the RI/FS as provided for in Article VI.D.), EPA agrees to use its best efforts to recover said costs from non-participating potentially responsible parties who are identified to EPA under Article VI.S.1.C. EPA asserts that its agreement to use its best efforts to seek recovery of such costs from such non-participating parties is conditional upon there being such non-participating parties who are aggregately responsible for at least 5% of the total of all PCB wastes sent to the Holden facilty, based on weight, except that excluded from this calculation are the PCB-wastes of such non-participating parties whose indebtedness or liability, for the subject EPA response costs, has been discharged in a bankruptcy proceeding.

O. Satisfaction and Completion

The requirements of this CONSENT ORDER shall be deemed satisfied upon written notice from EPA that the Respondents have demonstrated, to the satisfaction of EPA, that all of the terms of this CONSENT ORDER have been completed. EPA shall notify the Respondents in writing if the reports, one submitted at the completion of activities described in the Statement of Work and the other upon completion of the RI/FS, do not demonstrate that all the terms of this CONSENT ORDER have been completed. In its written notification, EPA shall describe all deficiencies that must be addressed to fully comply with the terms of this CONSENT ORDER. The provisions of Article VI.J., Resolution of Disputes, shall then apply.

P. Failure to Comply

The Respondents are advised that, under Section 106(b) of CERCLA, 42 U.S.C. § 9606(b), a Respondent's willful violation or failure or refusal to comply with any provision of this CONSENT ORDER may subject that Respondent to a civil penalty of not more than $25,000 for each day in which such violation occurs or such failure to comply continues. Under Section 107(c)(3) of CERCLA, 42 U.S.C. § 9607(c)(3), a Respondent's failure to comply with any portion of this CONSENT ORDER without sufficient cause, may subject that Respondent to liability for punitive damages in an amount up to three times the amount of any costs incurred by the government as a result of that Respondent's failure to take proper action. Respondents reserve the right to contest, on all bases available in law or equity, any such actions for penalties or damages.

Q. Contribution Protection

1. The parties recognize the possibility that there may be brought or asserted against the Respondents, and such other participating potentially responsible parties identified to EPA pursuant to Article VI.S.1.A. and B., suits or claims for contribution regarding matters addressed in this CONSENT ORDER by persons or entities that have not entered into this settlement (non-participating potentially responsible parties) that might, if successful, obligate the Respondents to pay amounts toward matters addressed in this CONSENT ORDER.

The parties acknowledge that Section 113(f)(2) of CERCLA, as amended by SARA, provides contribution protection to Respondents and other participating potentially responsible parties (identified under Article VI.S.1.A. and B.) for claims for contribution regarding matters addressed under this CONSENT ORDER.

2. The parties represent that this CONSENT ORDER was negotiated in good faith. The Respondents, solely for the purpose of conformance with the work under this CONSENT ORDER, as it may be amended, may assume responsibility for work exceeding the Respondents' equitable share, either individually or collectively. To the extent that such occurs, the Respondents intend to seek contribution from those non-participating potentially responsible parties who have been identified by the Respondents pursuant to Article VI.S.1.C. The parties agree that federal law should govern questions of contribution. The parties agree that, in determining the appropriate federal rule of decision to establish the effect of this CONSENT ORDER on possible rights of contribution, a court should adopt the principles set forth in Section 113(f) of CERCLA, as amended by SARA.

3. Each Respondent agrees that with respect to any suit or claim for contribution brought against it for matters covered by this CONSENT ORDER, it will timely notify the EPA of the institution of such suit or claim.

R. Covenant Not to Sue

The EPA covenants not to sue the Respondents and other participating potentially responsible parties, identified by Respondents pursuant to Article VI.S.1.A. and B., for work conducted satisfactorily pursuant to this CONSENT ORDER. This covenant not to sue shall not apply either to conditions unknown on the date EPA provides Respondents written notice, pursuant to Article VI.O., that the requirements of this CONSENT ORDER are satisfied and have been completed or to unanticipated occurrences at the Holden facility and at off-site incineration facilities.

S. Participating Potentially Responsible Parties and Other Parties

1. Respondents shall submit to EPA, on the first day of each month following the effective date of this CONSENT ORDER, the following:

A. a list of potentially responsible parties who have entered into settlements with the Respondents, as determined by Respondents, with respect to each said party's liabilities at the Holden facility relating to the operations of Rose, Inc.;

B. a list of other potentially responsible parties who have not entered into final settlements with the Respondents, but who are participating in the Respondents' efforts to implement appropriate response actions related to the cleanup of the Holden facility as determined by Respondents; and

C. a list of non-participating potentially responsible parties as determined by Respondents.

2. Parties identified by Respondents under Article VI.S.1.A. and B. shall be considered to be "participating potentially responsible parties" for all purposes under this CONSENT ORDER, and parties identified by Respondents under Article VI.S.1.C. shall be considered to be "non-participating potentially responsible parties" for all purposes under this CONSENT ORDER.

T. Opportunity to Confer and Effective Date

In consideration of the communications between the Respondents and EPA prior to the issuance of this CONSENT ORDER, it is agreed that there is no need for a settlement conference prior to the effective date of this CONSENT ORDER. Therefore, the effective date of this CONSENT ORDER shall be the date on which it is signed by EPA after Respondents have signed this CONSENT ORDER.

IT IS SO AGREED AND ORDERED:

By Gregory L. Nesbitt
G. L. NESBITT, SENIOR VICE-PRESIDENT

Date 9/25/87

FOR: CENTRAL LOUISIANA ELECTRIC
COMPANY, INC.
Pineville, Louisiana

By _____ 10/19/87
J.D. Phillips Date
Deputy City Manager/Director of Utilities

FOR: CITY OF COLORADO SPRINGS
Colorado Springs, Colorado

By _____ Date 10/9/87

FOR: COMMONWEALTH EDISON COMPANY
Chicago, Illinois

By Laura L. Putzman
Attorney

Oct 9, 1987
Date

FOR: GENERAL MOTORS CORPORATION
Detroit, Michigan

By: _____ Date 9/15/87

FOR: ILLINOIS POWER COMPANY
Decatur, Illinois

By: _____ Date 9/25/87
W. H. STOPPELMOOR

FOR: INTERSTATE POWER COMPANY
Dubuque, Iowa

By: _____ SEPTEMBER 18, 1987
Date

FOR: IOWA PUBLIC SERVICE COMPANY
Sioux City, Iowa

By: David S. Blank 9/22/87
Date

FOR: KANSAS POWER & LIGHT COMPANY
Topeka, Kansas

By: William D. Owen 9/25/87
Date

FOR: MISSOURI PUBLIC SERVICE COMPANY
Kansas City, Missouri

By: GP Gasly 10-6-1987
Date

FOR: NEW ENGLAND POWER SERVICE COMPANY
Westborough, Massachusetts

By: _____ September 24, 1987
Date

J. J. Cordaro
Senior Vice President -
External Affairs

FOR: NEW ORLEANS PUBLIC SERVICE INC./
LOUISIANA POWER & LIGHT COMPANY
New Orleans, Louisiana

By: _____ September 24, 1987
Senior Vice President — Date
Accounting and Administration

FOR: OKLAHOMA GAS & ELECTRIC COMPANY
Oklahoma City, Oklahoma

By: William C Jones
Senior Vice President

September 24, 1987
Date

FOR: OMAHA PUBLIC POWER DISTRICT
Omaha, Nebraska

By: Dale E. Ward
Dale E. Ward
Vice President Engineering & Operations

Date 9/18/87

FOR: SOUTHWESTERN ELECTRIC POWER COMPANY
Shreveport, Louisiana

By: Randal Meador Sept. 22, 1987
Date

CRN HAM

FOR: WEST TEXAS UTILITIES COMPANY
Abilene, Texas

By: _____ CMU
VICE PRESIDENT-PROCUREMENT

September 24, 1987
Date

FOR: CAMPBELL SOUP COMPANY
Camden, New Jersey

By _____ 10-29-87
MORRIS KAY Date
Regional Administrator
U.S. Environmental Protection
Agency
Region VII

By _____
J. SCOTT PEMBERTON
Assistant Regional Counsel
U.S. Environmental Protection
Agency
Region VII

STATEMENT OF WORK

REMOVAL OF PCB WASTES

MARTHA C. ROSE CHEMICALS, INC., HOLDEN, MISSOURI

The Respondents, with the assistance of their contractor(s), will perform the following activities in connection with satisfying the requirements of this CONSENT ORDER negotiated between the Respondents and EPA. The objective of the Statement of Work is primarily the removal and disposal of PCB fluids and PCB-contaminated materials and items from the Martha C. Rose Chemicals, Inc. facility in Holden, Missouri (hereinafter, the "Holden Facility") and secondarily, excavation of selected high PCB concentration surface soils at the Holden facility. This Statement of Work does not address other work which may be required at the Holden facility in the future and is not intended to preclude on-site treatment if necessary and appropriate to implement the provisions of this Statement of Work in an expeditious manner. Excluded from this Statement of Work are PCB items and other PCB-contaminated materials identified in Article II. 17. and Article II.18.A. of this CONSENT ORDER which will be addressed in the RI/FS.

1. WASTES TO BE REMOVED

The wastes to be removed are those described herein. The wastes to be removed were sent to the Holden facility by Respondents and other responsible parties for the purpose of treating or processing for disposal or disposal, in accordance with the TSCA requirements at 40 C.F.R. Part 761.

In addition, wastes to be removed include PCB-contaminated items presently located at the Holden facility, contaminated as a result of activities at the facility.

The wastes which will be disposed of under this CONSENT ORDER are identified as follows:

Bulk Metals - - consist of all transformers, transformer cases and transformer parts (cores, bushings, parts, etc.) resulting from the dismantling of transformers, and includes bulk oil storage tank shells and all sheet metal, scrap steel plate, tools and hardware, engines and motors and processing equipment associated with the Martha C. Rose Chemicals, Inc. operation.

Light Metals - - consist of all capacitors, capacitor cores and other capacitor parts/components (metals, cases, etc.).

PCB-Contaminated Oils and Solvents - - consist of oils from transformers, capacitors and other PCB-contaminated electrical equipment and other PCB-contaminated fluids. In addition, PCB-contaminated flushing fluids which have and will result from draining and flushing/rinsing activities are included. These fluids also include those PCB oils which are presently contained in on-site transformers.

PCB-Contaminated Water - - consists of Respondent and other responsible party-sent PCB-contaminated liquid (water) which has no intrinsic BTU value. Also included in this category is water resulting from decontamination at the Holden facility.

Sludges - - consist of Respondent and other responsible party-sent sludges which are wet solids containing free liquids. Any charcoal filter residue that is generated on-site will be categorized as sludge for the purposes of this Statement of Work and will be included within the scope of this Statement of Work.

Miscellaneous Combustible Solids - - consist of liquid-free paper, rags, wood, pallets, absorbent pads, hoses, protective clothing and other similar solids. A portion of these solids became contaminated as a result of activity at the Holden facility.

Miscellaneous Non-Combustible Solids - - consist of liquid-free oil dry, insulators, drummed soil and limited quantities of high PCB concentration surface soils resulting from cleanup of selected surface soils at the Holden facility.

Drum/Containers - - consist of empty drums/containers which are found at the Holden facility and those empty drums/containers generated as a result of cleanup activity at the Holden facility.

2. PREPARATION OF WASTES FOR REMOVAL

Before these wastes are transported from the Holden facility for disposal, each transformer and waste container must be inspected and prepared for shipment. All PCB items and other materials shall be marked in accordance with Subpart C of 40 C.F.R. Part 761 prior to removal from the Holden facility. The inspection and waste preparation shall be conducted as follows:

Bulk Metals - - Transformers and associated bushings will be drained and flushed according to 40 C.F.R. §761.60(b)(1)(B) and prepared for final shipment. Transformer parts will be packaged for shipment in an appropriate and structurally enclosed manner in accordance with 40 C.F.R. Part 761. Other bulk metals as defined in paragraph #1 of this Statement of Work will be handled by similar appropriate means.

Light Metals - - The majority of intact capacitors which remain on-site are contained in the original shipping containers as received from the waste generator. These containers will be inspected by the waste disposal contractor to verify the structural integrity of each container. All sound containers holding intact capacitors will be mobilized for transport with the capacitors contained within. Unsound containers will be either over-packed or unpacked in which case the capacitors will be

repacked in an appropriate structurally enclosed manner and then prepared for shipment in accordance with 40 C.F.R. Part 761. Leaking capacitors will remain in their original shipping drums unless the drums are leaking, in which case the contained capacitors will be repacked in an appropriate and structurally enclosed manner and then prepared for shipment in accordance with 40 C.F.R. Part 761. Capacitor cores which are now stored in the "baghouse" container and core-room will be removed and placed into appropriate and structurally enclosed containers for shipment in accordance with 40 C.F.R. Part 761. These containers will then be prepared for final transport. Capacitor parts are presently contained in boxes (metal and wood). These boxes will be inspected to verify the structural integrity of each box. All sound containers holding these capacitor parts in a structurally enclosed manner will be mobilized for transport in accordance with 40 C.F.R. Part 761. Unsound containers will be unpacked and the capacitor parts will be repacked in appropriate and structurally enclosed containers and prepared for shipment in accordance to 40 C.F.R. Part 761. Other light metals will be placed in appropriate and structurally enclosed containers for shipment.

PCB-Contaminated Oils and Solvents - - These on-site fluids are contained in bulk storage tanks and drums. The disposal contractor will sample and analyze the fluids as necessary.

PCB-Contaminated Water - - These waters will be stored in appropriate containers in preparation for treatment on-site.

Sludge - - Sludges are contained in the original shipping containers (drums) as received from the Respondents and/or other responsible parties. Containers will be inspected and sludge contained within the structurally

sound and unleaking drums will be prepared for shipment for disposal. Any leaking drums will be packed in over-pack structurally enclosed containers. Charcoal filter residues will be packed into appropriate drums (those specified in 40 C.F.R. Part 761) and prepared for shipment.

Miscellaneous Combustible Solids - - Miscellaneous combustible solids will be packaged in appropriate and structurally enclosed containers for shipment in accordance with 40 C.F.R. Part 761.

Miscellaneous Non-Combustible Solids - - Structurally enclosed containers holding these solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the solids will be landfilled in conformance with 40 C.F.R. § § 761.60(b)(5)(B) and 761.75.

Drums/Containers - - All drums/containers will be drained and compacted prior to shipment for disposal. Containers over 100 gallon capacity will not have to be compacted prior to shipment for disposal. Any of the preparation activities required by this paragraph #2, may vary upon approval by EPA if on-site disposal or treatment activities are utilized.

3. MOBILIZATION AND DISPOSAL OF PCBs AND PCB ITEMS

Following preparation of the wastes for transport to the ultimate disposal facility, the disposal contractor will transport and dispose of the identified wastes in accordance with legally relevant and applicable EPA policies.

Bulk Metals - - Transformers and containers holding transformer parts will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the transformers and transformer parts will be landfilled in conformance with 40 C.F.R. §§761.60(b)(1)(B) and 761.75. Other bulk metals as defined in paragraph #1 of this Statement of Work will be handled similarly.

Light Metals - - Containers holding capacitors, capacitor cores and capacitor parts will be loaded onto transports for shipment to an off-site TSCA-permitted incinerator where the capacitors, capacitor cores and parts as defined in paragraph #1 of this Statement of Work will be shredded, if necessary, and subsequently incinerated in conformance with 40 C.F.R. §§761.60(b)(2)(iii)(A) and 761.70(b).

PCB-Contaminated Water - - This water will be decontaminated of PCBs by activated carbon treatment or equivalent technique to levels approved by EPA. Spent, activated carbon or similar residues resulting from the treatment process will be transported to an incinerator and incinerated in conformance with 40 C.F.R. §§761.60(a)(3)(i) and 761.70(a). Any treated water discharged to waters of the United States will be in accordance with appropriate National Pollutant Discharge Elimination System (NPDES) standards.

PCB-Contaminated Oils and Solvents - - These fluids will be transferred to tank transports or other structurally enclosed containers for shipment to an off-site TSCA-permitted incinerator for incineration in conformance with 40 C.F.R. §§761(a)(1) and 761.70(a).

Sludge - - Containers holding sludge will be loaded onto transports for shipment to an off-site TSCA-permitted incinerator where the sludge will be incinerated in conformance with 40 C.F.R. §§761.70(a)(3)(i) and 761.70(a).

Miscellaneous Combustible Solids - - Containers holding miscellaneous combustible solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the solids will be landfilled in conformance with 40 C.F.R. §§761.60(b)(5)(B) and 761.75.

Miscellaneous Non-Combustible Solids - - Containers holding these solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the soils will be landfilled in conformance with 40 C.F.R. §§761.60(b)(5)(B) and 761.75.

Any of the above activities required by this paragraph #3, may vary upon approval by EPA if on-site disposal or treatment activities are utilized.

Drums/Containers - - All compacted empty drums and containers and other empty containers shall be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the drums/containers will be landfilled in conformance with 40 C.F.R. § § 761.(c)(i)(ii) and 761.75.

4. EXCAVATION OF SELECTED PCB-CONTAMINATED SOILS

Highly PCB-contaminated surface soils will be excavated. These soils will be excavated to industrial and other restricted access standards as specified in EPA's PCB Spill Cleanup Policy, dated April 2, 1987 (52 Fed. Reg. 10688 et seq.) These areas may require additional excavation during implementation of final remedial actions at the Holden facility.

5. WORK PLANS

Work plans will be developed by the Respondents' contractor(s) prior to the removal of any materials from the Holden facility. These plans are designed to guide the contractor(s) and the Respondents in safely and economically removing the wastes from the Holden facility in conformance with this Statement of Work. Plans will be submitted to the EPA for approval and comment. All plans described below must be approved by EPA prior to implementation of these plans by the Respondents. Interim work plans for specific removal measures may be submitted and/or approved prior to completion of the overall work plan.

The following work plans shall be developed for this Statement of Work:

a. Health and Safety: Before any waste preparation/removal work is performed at the Holden facility, the contractor shall prepare a site-specific Health and Safety Plan. The plan will include, at a minimum:

   (i) a designation of areas of contamination, decontamination and project management;

   (ii) types of protective clothing;

   (iii) a description of safe working practices; and

   (iv) contingency planning.

   This plan will be consistent with any relevant guidance provided by the EPA documents, "Guidance for Remedial Investigations Under CERCLA," and "Standard Operating Safety Guides" (November 1984, revision) and with applicable NIOSH/OSHA guidelines.

b.. Quality Assurance/Quality Control ("QA/QC"): Before any sampling, analytical work, record development or waste repackaging is performed pursuant to this Statement of Work, contractor will prepare a plan describing the measures to be taken to assure the quality of any sampling and analysis of materials, record keeping or waste repackaging at the Holden facility. These plans will be consistent with guidance provided by relevant EPA guidance doucments, such as "Guidance For Preparation of Combined Work/Quality Assurance Project Plans for Environmental Monitoring" (May 1984).

c. Sampling and Analysis: Contractor shall develop a plan describing procedures to be followed in performing the sampling/analysis work described in this Statement of Work. The plan shall describe the

location of the samples, type of sample, the methods of obtaining and storing the samples, chain-of-custody procedures and the manner by which the results will be reported. The laboratory or laboratories that will perform the analysis shall be identified and approved by EPA.

d. Removal Work Plan: The Respondents' contractor shall provide detailed instructions on the implementation of all phases of the preparation and removal actions covered by this Statement of Work. The Removal Work Plan will be developed in accordance with Article V.A.3. and specifically address each waste stream and subitems within each waste stream. This Work Plan will provide specific procedures for the preparation and disposal of each waste item.

e. Schedule Plan: Contractor shall develop a Critical Path Method ("CPM") schedule for waste preparation, mobilization and removal from the Holden facility. The schedule shall detail the movement of specific waste types from the Holden facility.

6. REPORTS, NOTIFICATIONS AND INSPECTIONS

EPA shall have the right to inspect and observe any work performed in accordance with this Statement of Work. Within twenty (20) work days after completion of all work set forth in this Statement of Work, Respondents shall submit in writing to EPA, certification of the completion of all activities called for by this Statement of Work. Accompanying this certification, the Respondents shall submit a final report which shall, at a minimum, include a detailed description of all work performed pursuant to this Statement of Work. On a monthly basis the Respondents' Executive or Project Coordinator or representative will report in writing to the EPA Project Coordinator on the activities for the past month and relate the anticipated activities for the

upcoming month. The monthly report is to be received by EPA no later than the 15th of the month following the end of the month being reported. On a weekly basis the on-scene representative for the Respondents at the Holden facility will provide EPA's Project Coordinator an oral report on the past week's activities and anticipated activities for the upcoming week. The weekly report shall be made on the first work day following the week being reported.

ATTACHMENT C

REGIONAL HEARING CLERK
NOV 12 1986
REGION VII

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

IN THE MATTER OF: CENTRAL LOUISIANA ELECTRIC COMPANY, INC. Pineville, Louisiana, and COMMONWEALTH EDISON COMPANY Chicago, Illinois, and ILLINOIS POWER COMPANY Decatur, Illinois, and INTERSTATE POWER COMPANY Dubuque, Iowa, and IOWA PUBLIC SERVICE COMPANY Sioux City, Iowa, and KANSAS POWER & LIGHT COMPANY Topeka, Kansas, and MISSOURI PUBLIC SERVICE COMPANY Kansas City, Missouri, and	Docket No. 86-F-0019 **ADMINISTRATIVE ORDER** **ON CONSENT**

NEW ENGLAND ELECTRIC
SYSTEM, INC.
Westboro, Massachusetts,

and

NEW ORLEANS PUBLIC SERVICE,
INC./LOUISIANA POWER & LIGHT
COMPANY
New Orleans, Louisiana,

and

OKLAHOMA GAS & ELECTRIC
COMPANY
Oklahoma City, Oklahoma,

and

SAVANNAH ELECTRIC AND POWER
COMPANY
Savannah, Georgia,

and

SOUTHWESTERN ELECTRIC POWER
COMPANY
Shreveport, Louisiana,

and

WEST TEXAS UTILITIES COMPANY
Abilene, Texas,

and

CAMPBELL SOUP COMPANY
Camden, New Jersey,

and

CITY OF HOLDEN, MISSOURI,

and

LEAR SIEGLER, INC.
Santa Monica, California,

RESPONDENTS.

Proceedings Under Section
106(a) of the Comprehensive
Environmental Response,
Compensation, and Liability
Act of 1980, 42 U.S.C.
§ 9606(a).

ARTICLE I - INTRODUCTION

A. Jurisdiction

1. This Administrative Order on Consent ("CONSENT ORDER") is issued by the Regional Administrator of Region VII of the United States Environmental Protection Agency ("EPA" or "Agency") to Central Louisiana Electric Company, Inc., Commonwealth Edison Company, Illinois Power Company, Interstate Power Company, Iowa Public Service Company, Kansas Power & Light Company, Missouri Public Service Company, New England Electric System, Inc., New Orleans Public Service, Inc./Louisiana Power & Light Company, Oklahoma Gas & Electric Company, Savannah Electric and Power Company, Southwestern Electric Power Company, West Texas Utilities Company and Campbell Soup Company (all of the above hereinafter referred to as the "Generator Respondents"), to the City of Holden, Missouri (hereinafter referred to as "Respondent City") and to Lear Siegler, Inc. (hereinafter referred to as "Respondent Lear Siegler") (hereinafter collectively referred to as the "Respondents"), pursuant to the authority vested in the President of the United States by Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), 42 U.S.C. § 9606(a), and delegated to the Administrator of EPA on August 14, 1981, by Executive Order 12316, 46 Fed. Reg. 42237 et seq., and further

delegated to the Regional Administrators by EPA Delegations Nos. 14-14-A and 14-14-C, both dated April 16, 1984. Pursuant to Section 106(a) of CERCLA, 42 U.S.C. § 9606(a), the State of Missouri has previously been notified of this Order.

2. The Respondents neither admit nor deny the findings of fact or conclusions of law or determinations made herein; however, the Respondents agree not to challenge said findings, conclusions or determinations for purposes of this CONSENT ORDER only and agree not to contest EPA's jurisdiction with respect to this CONSENT ORDER, except as may otherwise be provided herein. The Respondents reserve all rights each may have to object to, contest, or defend against any allegation of violation of this CONSENT ORDER.

B. Statement of Purpose

1. By entering into this CONSENT ORDER, the mutual objectives of EPA and the Respondents are, inter alia: (1) to conduct an assessment to determine the location and extent of any release or immediate threat of release of polychlorinated biphenyls (PCBs) which pose or may pose an immediate danger to human health or welfare or the environment at the Martha C. Rose Chemicals Inc. facility in Holden, Missouri (hereinafter the "Holden facility"); (2) depending upon the results of such assessment take such response actions as are necessary to address releases of PCBs and to eliminate the threat of further immediate releases of PCBs, either of which may pose an immediate danger to human health or welfare or

the environment at the Holden facility; (3) to provide such actions as necessary to restrict access and secure the Holden facility; and (4) to determine fully the nature and extent of the threat to the public health or welfare or the environment caused by the release or threatened release of PCBs at the Holden facility by conducting such site surveys, sampling and analyses, inventories, and data evaluations as necessary to support and determine potential intermediate and final response actions. The activities undertaken pursuant to this CONSENT ORDER may not fully address all the endangerments that exist at the Holden facility.

2. If review of available information or discovery of additional information indicates that any person, as defined in Section 101(21) of CERCLA, 42 U.S.C. § 9601(22), sent wholly non-PCB hazardous substances to the Holden facility or if wholly non-PCB hazardous substances are discovered at the Holden facility, additional or expanded response actions may be required with respect to that person(s) and said hazardous substances in this or other Orders.

C. Parties

1. This CONSENT ORDER shall be binding upon each of the Respondents to the extent the CONSENT ORDER applies to each Respondent, as set forth herein, and EPA, their successors, assigns, subsidiaries, and upon all persons, agents, contractors and consultants acting under or for either the Respondents or EPA or both in carrying out the actions required by this CONSENT ORDER.

2. The Generator Respondents shall provide a copy of this CONSENT ORDER to each contractor, subcontractor, laboratory, and consultant retained to conduct any portion of the work performed pursuant to this CONSENT ORDER prior to said contractor's, subcontractor's, laboratory's or consultant's initiation of work conducted under this CONSENT ORDER.

ARTICLE II - FINDINGS OF FACT

Without trial or adjudication of any issues of fact, without any admission of fact by Respondents, EPA has found the following.

1. Martha C. Rose Chemicals, Inc. (hereinafter "Rose, Inc.") consists of a facility located at 500 W. McKissock in Holden, Missouri, where PCBs have been released as a result of activities of Rose, Inc.

2. Beginning in early 1983 through 1986, Rose, Inc. was engaged in the business of brokerage of PCBs and PCB items, processing of PCB capacitors and transformers for disposal, and decontamination of mineral oil dielectric fluids containing PCBs.

3. Pursuant to the authority granted to the EPA Regional Administrator under Section 6(e) of the Toxic Substances Control Act (hereinafter "TSCA"), Rose, Inc. was granted three approvals by the Regional Administrator of EPA, Region VII, to conduct the following activities involving PCBs: (A) to decontaminate mineral oil dielectric fluids containing PCBs at concentrations equal to or less than 10,000 ppm

(effective on March 15, 1983, and automatically terminated on March 15, 1986); (B) to process PCB capacitors for disposal (effective on October 15, 1983); and (C) to process PCB transformers for disposal (effective on July 1, 1984). These TSCA approvals only allowed Rose, Inc. to decontaminate and process PCBs. EPA has not granted Rose, Inc. any other approvals or permits to manage any other substances.

4. The express terms of each approval listed in paragraph 3, above, required Rose, Inc. to comply with all applicable federal environmental regulations regarding their PCB-related operations.

5. Between 1983 and 1986, the Generator Respondents and other entities caused materials containing PCBs to be shipped to the Holden facility for proper disposal under TSCA. Rose, Inc. did not properly manage, handle, and arrange for the lawful disposal of PCBs and PCB items shipped to its facility. The Generator Respondents assert that Rose, Inc. was also in violation of its contractual obligation to each Generator Respondent for failing to properly manage, handle and arrange for the lawful disposal of PCBs and PCB items.

6. Rose, Inc. failed to manage, handle and dispose of PCBs and PCB items in accordance with the applicable federal PCB regulations contained at 40 C.F.R. Part 761 and the approvals specified in paragraph 3, above.

7. EPA personnel conducted compliance inspections at the Holden facility on November 3 and 4, 1983; August 7-15,

1984; December 19, 1985; January 7, 1986; February 26, 1986; and March 17, 1986. Each such inspection revealed violations of applicable PCB regulatory requirements, including violations of requirements for the storage and marking of PCBs and PCB items (40 C.F.R. §§ 761.65 and 761.40, respectively); inadequate recordkeeping (40 C.F.R. § 761.180); and violations of requirements for the disposal and distribution in commerce of the PCBs and PCB items (40 C.F.R. §§ 761.60 and 761.20(c), respectively). In response to the above-referenced violations detected during the November 1983 inspection, EPA filed an Administrative Complaint and Notice of Opportunity for Hearing against Rose, Inc. on or about March 26, 1984. EPA and Rose, Inc. subsequently entered into a Consent Agreement and Final Order, effective June 26, 1984, wherein Rose, Inc. agreed to pay a penalty and take specific actions to come into compliance with the PCB rules and regulations. In response to the above-referenced violations detected during the August 1984 inspection, EPA filed a second Administrative Complaint and Notice of Opportunity for Hearing against Rose, Inc. on or about February 25, 1985. EPA and Rose, Inc. subsequently entered into a second Consent Agreement and Final Order, effective September 27, 1985, wherein Rose. Inc. agreed to pay a civil penalty and take actions to come into compliance with the PCB rules and regulations. Rose, Inc. failed to comply with the terms of both Consent Agreements and Final Orders, with the PCB rules and regulations, and with the EPA approvals specified in paragraph 3, above.

8. Beginning in January 1985, the Occupational Safety and Health Administration (OSHA) conducted inspections at the portions of the Holden facility used by Rose, Inc. and American Steel Works, Inc. Based on air and wipe samples taken during the inspections, OSHA issued a citation on or about July 19, 1985 to Rose, Inc. and American Steel Works, Inc. alleging violations of OSHA standards and assessing civil penalties.

9. Investigations conducted by EPA and/or the Missouri Department of Natural Resources have detected PCBs in fauna samples downstream from the Holden facility, in sludge drying beds at the Holden city sewage treatment plant downstream approximately 1000 feet from the Holden facility, and in branch and creek sediments downstream from the Holden facility. EPA believes these detected PCBs resulted from releases of PCBs at the Holden facility.

10. In April and May 1986, Rose, Inc. notified, among others, certain Generator Respondents and EPA expressing its unwillingness and/or inability to both come into compliance with the PCB rules and regulations, 40 C.F.R. Part 761, and properly dispose of PCB and PCB items at the Holden facility.

11. Since approximately March 1, 1986, Rose, Inc. has not engaged in active on-site operations, and on or near that date abandoned the Holden facility.

12. By letters dated July 9, 1986, EPA revoked Rose, Inc.'s transformer and capacitor processing for disposal approvals, referred to in paragraph 3, above, effective July 11 and 14, 1986, respectively.

13. On or about May 23, 1986, EPA issued an Administrative Order, pursuant to Section 106 of CERCLA, 42 U.S.C. § 9606, to Martha C. Rose Chemicals, Inc., American Steel Works, Inc., W.C. Carolan Company, Inc., Walter C. Carolan, and Environmental Technologies, Inc., among others, and which required: (1) the implementation of certain remedial actions in response to a PCB spill that occured on or about May 13, 1986; (2) the implementation of certain measures to prevent environmental contamination from similar PCB spills; (3) the establishment of site security, including emergency warning and notification systems, construction of a chain link security fence, and the posting of the Holden facility; and (4) the submission of a detailed inventory/disposal plan for all PCBs and PCB items at the Holden facility. The above named parties refused to comply with the terms and conditions of the said Administrative Order. By letters dated June 13 and June 27, 1986, EPA notified the above-named parties that EPA would consider other actions based on the said parties refusal to comply with the Order.

14. Large quantities of PCBs and PCB items presently are located at the Holden facility. EPA estimates of PCBs and PCB items at the Holden facility include:

(A) Approximately 4800, 55-gallon drums of solid wastes, capacitor cores, capacitor core paper, and PCB contaminated transformer and capacitor oil;

(B) Approximately 600, 64 cubic foot wooden crates containing solid waste, capacitors, and capacitor cores;

(C) Approximately 400 transformers (drained and undrained);

(D) A steel capacitor core bin containing approximately 5,760 cubic feet of cores;

(E) Approximately 1,312,500 pounds of capacitor cores in leaking 50 pound paper bags; and

(F) Numerous storage tanks and empty drums.

15. EPA believes PCB contaminated oils, soils, sediments, and/or sludges exist at the Holden facility in three bermed containment ponds and in a diversion ditch. In addition, PCB contaminated soils and/or sediments may exist at other locations at the Holden facility.

16. Polychlorinated biphenyls (PCBs) are defined as any chemical substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contain such substance. (40 C.F.R. § 761.3). PCBs have traditionally been used as dielectric and cooling fluids in various electrical equipment and for other purposes.

17. Depending upon concentration, degree of chlorination, and duration of exposure, PCBs may cause harmful effects to vegetation and may cause illness, disease, or other harmful effects to animal life or humans via oral and/or dermal exposure through air transport of PCB-contaminated dust or direct contact.

18. The Holden facility is located within the city limits of Holden, Missouri in a mixed use business, agricultural, and residential area. More specifically, two sides of the

Holden facility abut residential development, one side abuts agricultural land, and one side abuts other active business entities.

19. Upon learning that Rose, Inc. had ceased its operations, the Generator Respondents acted responsibly to seek an environmentally sound solution to contamination problems at the Holden facility. The Generator Respondents, with the assistance of their consultant, Clean Sites, Inc., are organizing and coordinating a joint effort to properly address the problems posed by the PCBs and PCB items at the Holden facility. The Generator Respondents have arranged for 24-hour surveillance by properly trained personnel.

ARTICLE III - CONCLUSIONS OF LAW

Without trial or adjudication of any conclusion of law, without any admission of the following conclusions of law by Respondents, EPA has found the following:

1. Respondents are each a "person" as defined in Section 101(21) of CERCLA, 42 U.S.C. § 9601(21).

2. The Holden facility is a "facility" within the meaning of Section 101(9) of CERCLA, 42 U.S.C. § 9601(9).

3. The PCBs and items containing PCBs at the Holden facility or which have been released from the said facility are "hazardous substances" as defined in Section 101(14) of CERCLA, 42 U.S.C. § 9601(14).

4. The spills of PCBs at the Holden facility constitute a "release" and the inadequate control of PCBs at the Holden facility constitutes a threat of "release" into the

environment within the meaning of Sections 101(22) and 106(a) of CERCLA, 42 U.S.C. §§ 9601(22) and 9606(a).

ARTICLE IV - DETERMINATIONS

Based on the foregoing findings of fact and conclusions of law, the Regional Administrator has determined that: (a) the actual release of PCBs and the threat of further releases of PCBs stored and/or disposed of at the Holden facility may present an imminent and substantial endangerment to the public health or welfare, or the environment; (b) in order to protect public health and welfare and the environment, it is necessary that the actions required in this CONSENT ORDER be taken to mitigate the release and/or threat of the release of PCBs from the Holden facility; and (c) the actions required in this CONSENT ORDER and all actions taken heretofore by the Generator Respondents are consistent with the National Contingency Plan, 40 C.F.R. Part 300.....

ARTICLE V - ORDER

The Respondents agree to undertake all actions required by the provisions of this CONSENT ORDER and the Respondents acknowledge that each is individually liable for compliance with the applicable requirements of this CONSENT ORDER.

Based on the foregoing, it is therefore AGREED and ORDERED as follows.

A. Work to be Performed

1. The Generator Respondents shall implement the activities described in Attachment A, "STATEMENT OF WORK-INITIAL PHASE, ROSE CHEMICAL SITE, HOLDEN, MO." (the Statement of Work), which is incorporated herein in its entirety by this reference. All work performed pursuant to this CONSENT ORDER shall be under the direction of qualified personnel. The Generator Respondents shall notify EPA as to the identity of such personnel and of any contractors and subcontractors to be used in carrying out the activities described in the Statement of Work.

2. Within fourteen (14) working days of the effective date of this CONSENT ORDER, the Generator Respondents shall submit a proposed time schedule for implementation of the activities undertaken pursuant to the Statement of Work. Such time schedule is subject to EPA review, modification or approval. The EPA shall, in an expeditious manner, complete its review of such schedule and shall notify the Generator Respondents in writing of EPA's approval or disapproval of the schedule or any part thereof. In the event of any disapproval, EPA shall specify in writing both the deficiencies and any EPA recommended modifications regarding the schedule. Upon the Generator Respondents' receipt of any EPA disapproval, the provisions of Article VI.H., Resolution of Disputes, shall apply.

3. To the extent that the Generator Respondents conduct any response, other than at the Holden facility, such response action is done at the direction of the EPA in conformance with the NCP, 40 C.F.R. Part 300.

ARTICLE VI - PROCEDURAL AND LEGAL PROVISIONS

A. Authorized Representatives

1. The Generator Respondents, as a single entity, hereby designate the below-named individual (and alternate) as the single representative who shall be authorized to represent each and every Generator Respondent in all matters pertaining to this CONSENT ORDER. Said representative (hereinafter the "Respondent Generators' Executive") shall have authority both to receive all reports, comments, notifications, and other correspondence from EPA pursuant to this CONSENT ORDER and convey decisions on behalf of the Generator Respondents. The Generator Respondents have the right to change the said Respondent Generators' Executive or alternate by notifying EPA in writing at least five (5) calendar days prior to said change.

	(Alternate)
Mr. Jene L. Robinson	Mr. Jay Pruett
500 S. 27th Street	P.O. Box 21106
Decatur, Illinois 62525	428 Travis Street
	Shreveport, Louisiana 71156-0001

2. On or before the effective date of this CONSENT ORDER, EPA shall designate a Project Coordinator. The Generator Respondents must also designate a Project Coordinator,

if other than the Generator Respondents' Executive, on or before the effective date of this CONSENT ORDER, or after said effective date if the Generator Respondents decide to divide the responsibilities of the said Executive and Project Coordinator. Each Project Coordinator shall be responsible for overseeing the implementation of the provisions of this CONSENT ORDER. To the maximum extent possible, communications between the Generator Respondents and EPA that concern technical issues and/or matters shall be directed through the Project Coordinators. The Generator Respondents and EPA each have the right to change their respective Project Coordinator(s). Such change shall be accomplished by notifying the other party in writing at least five (5) calendar days prior to said change.

3. All correspondence, reports, work plans and other writing required under the terms of this CONSENT ORDER to be submitted to EPA shall be sent to the following:

J. Scott Pemberton
Assistant Regional Counsel
U.S. Environmental Protection Agency
Region VII
726 Minnesota Avenue
Kansas City, Kansas 66101

B. Records

1. Upon request from EPA, Respondents shall make available to EPA all scientific or technical data in their possession or control generated by the Respondents, or on behalf of the Respondents, pursuant to this CONSENT ORDER. Respondents shall also make available to EPA, upon request,

all documents and other records that concern any transaction among Rose, Inc., W.C. Carolan Company, Inc., American Steel Works, Inc., and Walter C. Carolan. Upon request, EPA will make available to Respondents all sampling and analytical data and hydrological or geological information in its possession that pertains to the Holden facility.

2. The Respondents may assert a business confidentiality claim covering part or all of the information submitted pursuant to the terms of this CONSENT ORDER in the manner set out in 40 C.F.R. § 2.203(b). The information covered by such a claim will be disclosed by EPA only to the extent, and by the means of the procedures, set forth in 40 C.F.R. Part 2, Subpart B (1986). If no such claim accompanies the information when it is received by EPA, it may be made available to the public by EPA without further notice to the Respondents.

3. The terms and provisions of this CONSENT ORDER shall not be interpreted or construed as preventing EPA from requesting information pursuant to its authorities under the law.

C. Access to the Site

1. Respondent City and/or Respondent Lear Siegler shall secure and provide such site access as necessary for the Generator Respondents to implement the terms of this CONSENT ORDER. Respondents shall grant EPA and/or their authorized representatives the authority to enter and freely move about all property at the Site at all reasonable times for the purposes of, *inter alia*: inspecting records; reviewing

the progress of the Generator Respondents in carrying out the provisions of this CONSENT ORDER; conducting such tests and taking such samples as EPA deems necessary; using a camera, sound recording, or other documentary type equipment; and verifying the data submitted to EPA by the Respondents. The Respondents shall permit such persons to inspect and copy all records, files, photographs, documents and other writings, including all sampling and monitoring data, in any way pertaining to work undertaken pursuant to this CONSENT ORDER.

2. To the extent that the Holden facility or properties adjacent to the Holden facility are controlled by parties other than those bound by this CONSENT ORDER and that access to the Holden facility or properties adjacent to the Holden facility is necessary to fulfill the conditions of this CONSENT ORDER, including the accompanying Statement of Work, the Generator Respondents will use their best efforts to obtain access. The Generator Respondents shall not be required to pay any fee for access to the Holden facility. In the event that such necessary access agreements cannot be obtained, or if obtained, are revoked by responsible entities controlling access to the Holden facility or property near the Holden facility, Respondents shall notify EPA. If the Generator Respondents cannot obtain such necessary access, despite best efforts, EPA agrees to consider reasonable use of applicable statutory authority to assist the Generator Respondents in obtaining such access where voluntary access

is denied. Nothing contained herein is intended to relieve the Generator Respondents from complying with, or to prohibit other Respondents from inserting, any clause or provision (including but not limited to indemnification provisions, releases and covenants not to sue) in an agreement setting out rights or obligations of parties being given access to the Holden facility or property near the Holden facility, other than a clause or provision requiring the Generator Respondents to pay any money fee for access to the Holden facility.

3. Nothing herein shall be construed as restricting the inspection or access authority of EPA under federal law or regulations.

D. EPA Oversight

EPA shall appoint an On-Scene Coordinator (OSC) who shall have the authority vested by the National Contingency Plan at 40 C.F.R. Part 300. This includes the authority to halt, conduct or direct any activities required by this CONSENT ORDER and/or any response actions or portions thereof when conditions present an imminent and substantial endangerment to the public health or welfare or the environment or when necessary to assure that such activities or actions are not inconsistent with the National Contingency Plan. The OSC, or any person designated by the OSC, will have the right to move freely about the Holden facility at all times when work is being carried out pursuant to this CONSENT ORDER.

E. Liability

1. Neither the United States nor any agency or agents or employees thereof shall be liable for any injuries or damages to persons or property resulting from acts or omissions of Respondents, their officers, directors, employees, agents, servants, receivers, trustees, successors, or assignees, or of any persons, including but not limited to firms, corporations. subsidiaries, contractors or consultants, in carrying out activities pursuant to this CONSENT ORDER, nor shall the United States or any agency or agents or employees thereof be held out as a party to any contract entered into by the Respondents in carrying out activities pursuant to this CONSENT ORDER. This paragraph does not apply to any agency of the United States that has been identified as a potentially responsible party at the Holden facility.

2. Nothing in this CONSENT ORDER, including its attachments, is intended to be, nor shall it be, an admission of fact or law, an estoppel or waiver of defenses for any purpose except as expressly provided herein. Nothing herein is intended to be, nor shall it be, a release or settlement of any private claims or injuries known or unknown to persons or property of any private person or local government agency.

F. Other Applicable Laws

1. All actions required to be taken pursuant to this CONSENT ORDER shall be undertaken in accordance with the requirements of all applicable local, state and federal laws

and regulations, including the PCB rules and regulations at 40 C.F.R. Part 761 as determined by EPA.

2. To the extent that compliance with any federal, state, or local law, requirement or approval is delayed despite Respondents' due diligence, Respondents will not be held in noncompliance with the terms of this CONSENT ORDER.

G. Record Preservation

The Respondents or their designated agent shall preserve, during the pendency of this CONSENT ORDER and for a minimum of seven (7) years after its termination, all records and documents in their possession or in the possession of their divisions, employees, agents, accountants, or contractors which relate in any way to the Holden facility or work performed pursuant to this CONSENT ORDER, notwithstanding any document retention policy to the contrary. After this seven year period, the Respondents shall notify EPA within sixty (60) calendar days prior to the destruction of any such document. Upon request by EPA, the Respondents shall make available to EPA such records or copies of any such records if requested by EPA within the said sixty (60) day period.

H. Resolution of Disputes

1. As to any submittal, plan, report, schedule or any part or refinement or revision thereof, for which EPA has provided the Respondents a notice of disapproval pursuant to the provisions of this CONSENT ORDER, Respondents shall,

within fourteen (14) calendar days of receipt of such notice either:

(A) Modify and resubmit to EPA such submittal, plan, report or schedule or portion thereof, revised to eliminate the deficiencies or unacceptable provisions therein as specified by EPA, in which case the disputed submittal, plan, report or schedule, or refinement or revision thereof shall become final for purposes of this CONSENT ORDER upon written notification of EPA's approval; or

(B) Confer with EPA in an attempt to achieve agreement on the disputed submittal, plan, report or schedule or any part or refinement or revision thereof. If agreement can be achieved by such conference, it will be memorialized in a joint memorandum between the parties and the disputed submittal, plan, report, or schedule, or any part, refinement, or revision thereof, shall become final for purposes of this CONSENT ORDER on the effective date of such memorandum.

2. If agreement concerning the disputed submittal, plan, report or schedule, or any part, refinement or revision thereof cannot be achieved by means of the procedures set out, above, EPA shall provide written notification to the Respondents of the disputed provision(s) of the CONSENT ORDER requiring action, that agreement has not and cannot be achieved, and that EPA considers the resolution of disputes process, as provided for herein, to be at an end.

3. None of the foregoing provisions shall prohibit any party from pursuing appropriate judicial or other remedies as provided by law on the disputed portions of any submittal plan, report or schedule; or from seeking such further and additional relief; or from undertaking such response actions as may be necssary to protect human health or welfare or the environment.

I. DELAY IN PERFORMANCE

If any event occurs which causes delay in the achievement of any of the requirements of this CONSENT ORDER, despite Respondents' good faith efforts, Respondents shall promptly notify EPA's On-scene Coordinator and/or Project Coordinator orally within seventy-two (72) hours and shall, within seven (7) calendar days of oral notification to EPA, notify EPA in writing of the anticipated length and cause of the delay, the measures taken and/or to be taken to prevent or minimize the delay, and the timetable by which Respondents intend to implement said measures. For purposes of this CONSENT ORDER, such events are defined as any event arising from circumstances beyond the reasonable control of Respondents which could not be overcome by good faith efforts, including but not limited to, adverse weather conditions, delay caused solely by EPA in reviewing documents or acting on permits, or delay in obtaining access. EPA recognizes that the Respondents presently have a limited right of access at the Holden facility, and EPA agrees to consider the reasonable use of its legal

authority to obtain appropriate access on behalf of the Respondents. Increased costs of performance of the terms of this CONSENT ORDER shall not be considered circumstances beyond the control of Respondents. Respondents shall adapt all reasonable measures to avoid or minimize delays. In the event that the delay or anticipated delay has been or will be caused by circumstances beyond the control of Respondents, the time for performance hereunder shall be extended for a period equal to the delay resulting from such circumstances.

J. Subsequent Modification or Amendment

This CONSENT ORDER may be amended or modified by mutual agreement of EPA and the Respondents, and may include amendments or modifications necessary to address such cleanup or decontamination activities as are not currently addressed in the Statement of Work but are necessary to protect public health or welfare or the environment. Such amendments or modifications shall be in writing and shall have as their effective date, the date on which such amendments or modifications are signed by EPA.

K. Reservation of Rights

1. Notwithstanding compliance with the terms of this CONSENT ORDER, the Respondents are not released from liability for any actions taken by EPA, if any, beyond the terms of this CONSENT ORDER. EPA reserves the right to take any enforcement action pursuant to CERCLA and/or any available legal authority,

including the right to seek injunctive relief, monetary penalties, and punitive damages for any violations of law or this CONSENT ORDER.

2. The Respondents and EPA expressly reserve all rights and defenses that they may have, including EPA's right to request that the Respondents perform tasks in addition to those detailed in the Statement of Work. In addition, EPA reserves the right to undertake removal actions and/or remedial actions at any time. In either event, EPA reserves the right to seek reimbursement from the Respondents thereafter for such costs incurred by the United States, and Respondents reserve the right to contest any such action.

L. Other Claims

1. In accordance with its policies, EPA waives any claims it might have under TSCA to assess civil penalties against any and all Generator Respondents which have arisen or which may arise out of the failure of Rose, Inc. to dispose of any Generator Respondent's PCBs, PCB items, and/or PCB-contaminated materials (sent by said Generator Respondent to the Holden facility) within one (1) year from the date when said PCBs, PCB items and/or PCB-contaminated materials were first placed into storage for disposal (40 C.F.R. § 761.65). This waiver applies only to the one-year disposal requirement specified in 40 C.F.R. § 761.65 and is expressly conditioned to each Generator Respondent upon:

(1) A Generator Respondent having delivered the said PCBs, PCB items and/or PCB contaminated materials to the Holden facility at least ninety (90) days prior to the expiration of one year from when PCBs, PCB items and/or PCB-contaminated materials were first placed into storage for disposal; and

(2) Compliance with the terms and provisions of this CONSENT ORDER.

Nothwithstanding this provision, the Generator Respondents remain liable for the proper disposal of PCB-materials under applicable provisions of TSCA and CERCLA.

2. Except as expressly provided, no provision in this CONSENT ORDER is intended or shall be construed as a release by any party of any claims, causes of action or demand in law or equity against any person, firm partnership, corporation or governmental entity for any liability it may have arising out of or relating in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous substances taken to or taken from the Holden facility or otherwise released at the Holden facility.

3. In any action EPA brings, in its discretion, for the recovery of past response costs (to the effective date of this CONSENT ORDER) and response costs it incurs in overseeing the implementation of this CONSENT ORDER, EPA agrees to initially seek said costs from appropriate non-participating potentially responsible parties.

4. This CONSENT ORDER does not constitute preauthorization of funds under Section 111(a)(2) of CERCLA, 42 U.S.C. § 9611(a)(2).

M. Termination and Satisfaction

The requirements of this CONSENT ORDER shall be deemed satisfied upon written notice from EPA that the Generator Respondents have demonstrated, to the satisfaction of EPA, that all of the terms of this CONSENT ORDER have been completed. EPA shall notify the Generator Respondents in writing if the report submitted at the completion of activities described in the Statement of Work does not demonstrate that all the terms of this CONSENT ORDER have been completed. In its written notification, EPA shall describe all deficiencies that must be addressed to fully comply with the terms of this CONSENT ORDER. The provision of Article VI.H., Resolution of Disputes, shall then apply.

N. Failure to Comply

The Respondents are advised that, under Section 106(b) of CERCLA, 42 U.S.C. § 9606(b), a Respondent's willful violation or failure or refusal to comply with any provision of this CONSENT ORDER applicable to it, may subject that Respondent to a civil penalty of not more than $5,000 for each day in which such violation occurs or such failure to comply continues. Under Section 107(c)(3) of CERCLA, 42 U.S.C. § 9607(c)(3), a Respondent's failure to comply with any portion of this

CONSENT ORDER applicable to it, without sufficient cause, may subject that Respondent to liability for punitive damages in an amount up to three times the amount of any costs incurred by the government as a result of that Respondent's failure to take proper action. Respondents reserve the right to contest, on all bases available in law or equity, any such actions for penalties or damages.

O. Opportunity to Confer and Effective Date

In consideration of the communications between the Respondents and EPA prior to the issuance of this CONSENT ORDER, it is agreed that there is no need for a settlement conference prior to the effective date of this CONSENT ORDER. Therefore, the effective date of this CONSENT ORDER shall be the date on which it is signed by EPA.

IT IS SO AGREED AND ORDERED:

By _____ 10/28/86
G. L. NESBITT, SENIOR VICE PRESIDENT Date

FOR: CENTRAL LOUISIANA ELECTRIC
COMPANY, INC.
Pineville, Louisiana

By _____ Date 10/24/86

FOR: COMMONWEALTH EDISON COMPANY
Chicago, Illinois

By: _____ October 26, 1984
Porter J. Womeldorff — Date
Vice President

FOR: ILLINOIS POWER COMPANY
Decatur, Illinois

By: D H Buswell

10-29-86
Date

FOR: INTERSTATE POWER COMPANY
Dubuque, Iowa

By: R C Engle
R. C. Engle
Senior Vice President,
Electric Division

October 24, 1986
Date

FOR: IOWA PUBLIC SERVICE COMPANY
Sioux City, Iowa

By William E. Hall 10/27/86
Date

FOR: THE KANSAS POWER AND LIGHT COMPANY
Topeka, Kansas

By: William D. Owen
Division President

October 27, 1986
Date

UTILICORP UNITED INC. d/b/a
FOR: MISSOURI PUBLIC SERVICE COMPANY
Kansas City, Missouri

By:_____ _____
Date

FOR: NEW ENGLAND ELECTRIC SYSTEM, INC.
Westboro, Massachusetts

By: _____ Date 10/24/86

FOR: NEW ORLEANS PUBLIC SERVICE, INC./
LOUISIANA POWER & LIGHT COMPANY
New Orleans, Louisiana

By: B B Burke

Date 10-29-86

FOR: OKLAHOMA GAS & ELECTRIC COMPANY
Oklahoma City, Oklahoma

By: Harold W. Kraft
VICE PRESIDENT

October 29, 1986
Date

FOR: SAVANNAH ELECTRIC AND
POWER COMPANY
Savannah, Georgia

By: Dale E. Ward
Dale E. Ward, Vice President
Engineering and Operations

October 24, 1986
Date

FOR: SOUTHWESTERN ELECTRIC POWER COMPANY
Shreveport, Louisiana

By: Randal E Meado

10-27-86
Date

CPN
HWM

FOR: WEST TEXAS UTILITIES COMPANY
Abilene, Texas

By: Charles E Miller

Oct 25, 1986
Date

FOR: CAMPBELL SOUP COMPANY
Camden, New Jersey

By Francis L Brillhart
Mayor

Nov 5 1986
Date

FOR: CITY OF HOLDEN, MISSOURI

By Jul Robert Morrow
Asst. Vice Pres.

10/30/86
Date

FOR: LEAR SIEGLER, INC.
Santa Monica, California

By _____ 11-12-86
MORRIS KAY Date
Regional Administrator
U.S. Environmental Protection
Agency
Region VII

By _____
J. SCOTT PEMBERTON
Assistant Regional Counsel
U.S. Environmental Protection
Agency
Region VII

STATEMENT OF WORK - INITIAL PHASE

MARTHA C. ROSE CHEMICAL, INC. SITE, HOLDEN, MO.

The Generator Respondents through their Contractor * and with the oversight and assistance of Clean Sites, Inc. (CSI), will perform the following initial response activities in connection with the stabilization and assessment of the Martha C. Rose Chemical, Inc. site.

1. Release Assessment and Containment

The site shall be examined to determine the location and extent of any release or threatened release of PCBs which may pose an immediate danger to human health or welfare or the environment. With respect to any releases so identified, Contractor shall contain the release. This containment shall include, but not necessarily be limited to, the following:

(a) remove and containerize all free-flowing liquids resulting from releases;

(b) excavate and containerize any visually contaminated soils or other materials which have been contaminated as a result of releases and which continue to pose an immediate danger as determined by EPA's OSC; and

(c) isolate the site from the external environment, as required, to prevent migration of contaminants from the facility property (e.g. isolate and secure sewer and storm lines and drains).

2. Site Stabilization

The site shall be stabilized to reduce immediate risks of releases of PCBs that threaten human health or welfare or the environment, as determined by EPA's OSC. Said site stabilization shall include, but is not necessarily limited to, the following activities:

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* It is possible that more than one contractor will be involved in the work. The use of the term "Contractor" herein is generic, and refers to the specific contractor for the element of the work.

(a) any drum, tank, tanker truck, or other container which provides a source for a release identified pursuant to Paragraph 1 above or which provides an immediate threat of such a release shall be drained or emptied into a secure tank truck or other approved container(s);

(b) all PCBs and PCB-contaminated oils, stored in tractor, trailer, and tanker trucks and in exterior and interior bulk storage tanks located at the Holden facility, shall be contained in accordance with a Spill Prevention Control and Countermeasure (SPCC) Plan developed in accordance with the appropriate provisions of 40 C.F.R. Part 112;

(c) any other materials stored at the site which present an acute fire or explosion hazard shall be removed from the site and disposed of in accordance with all applicable federal, state and local laws and regulations or secured in such a manner as to render the hazard non-acute;

(d) all capacitors or capacitor components presently stored outdoors, if any, shall be containerized and placed in proper storage;

(e) a weekly walk-through inspection program of all on-site PCB containers including drums, tanks, tractors, trailers and tanker truck will be implemented and records relating thereto will be maintained;

(f) at least one empty bulk storage tank, the volume of which is equal to the largest bulk storage tank presently located at the Holden facility, will be maintained on-site in the event any existing bulk storage tank or other large container ruptures or otherwise becomes unsuitable for containing PCBs or PCB-contaminated oil; and

(g) an appropriate number of other containers, as defined in 40 C.F.R. 761.65(c)(6), shall be maintained at the Holden facility in the event any existing drum or other container ruptures or otherwise becomes unsuitable for containing PCBs or PCB items.

3. <u>Site Security</u>

Measures shall be taken as necessary to restrict access and provide security to the site. These measures shall include the following:

(a) establishment of twenty-four (24) hour security onsite with the presence of trained security personnel at all times;

(b) the posting of warning signs adequate to warn the public of the presence of PCBs and other hazardous wastes, if any;

(c) establishment of warning and notification systems adequate to immediately warn local, state and federal authorities of any fire, spill or other release at the Holden facility; and

(d) construction of a complete chain link security fence surrounding the Holden facility.

4. Review of Existing Data

CSI, with assistance of Contractor, will assemble existing reports, studies, manifests, trip tickets, and other information available to initially characterize the site. Contractor will prepare a facility plan showing the location and character of any drains or other conduits of any description that could serve to transport contaminated liquids from the facility to the surrounding environment. To the extent possible, with available information, CSI with assistance of Contractor will determine the nature and amounts of contaminated materials within the site boundaries. CSI with assistance of Contractor will evaluate the data and identify any additional information required to effect cleanup actions.

5. Site Survey (Inventory, S/A)

To the extent additional information on site conditions is determined to be necessary pursuant to Paragraph 4, studies shall be performed to determine the nature and extent of the problem at the site and to gather data necessary to determine and support final response activities. Related activities will include the further development of a site inventory plan as well as sampling and analysis needed to characterize the facility. Any activities undertaken pursuant to this paragraph shall be performed in accordance with the work plans described in Paragraph 6.

6. Work Plans

Plans will be developed by contractor and will be reviewed by Clean Sites, Inc. These plans will guide activities conducted

pursuant to this Statement of Work and be submitted to EPA for approval and/or comment. The EPA shall approve and/or comment on said plans in an expeditious manner. Said plans will include the following:

(a) Health and Safety: Before any work is performed at the site, Contractor will prepare site-specific Health and Safety Plan. The plan will include, at a minimum:

(i) a designation of areas of contamination, decontamination, and project management.

(ii) types of protective clothing.

(iii) safe working practices.

(iv) contingency planning.

This plan will be consistent with any relevant guidance provided by the U.S. EPA documents "Guidance for Remedial Investigations under Superfund," and "The Interim Standard Operating Safety Guides" (September 1982 revision) and with applicable NIOSH/OSHA guidelines.

(b) Quality Assurance/Quality Control (QA/QC): Before any sampling or analytical work is performed pursuant to this Statement of Work, Contractor will prepare a plan describing the measures to be taken to assure the quality of any sampling and analysis of materials at the site. Similarly, before any materials are removed from the site for disposal, pursuant to this Statement of Work, Contractor shall prepare a plan which shall describe the measures to be taken to ensure the proper destruction and/or other final disposition of said materials, if any. These plans will be consistent with guidance provided by relevant U.S. EPA guidance documents.

(c) Sampling/Analysis: Contractor will develop a plan describing procedures to be followed in the site survey and the characterization of the materials at the site performed pursuant to this Statement of Work. The plan will describe the location of the samples, the reason for selecting this location and type of sample, the methods for obtaining and storing the samples, chain-of-custody procedures and the manner by which the results will be reported. This plan shall provide for a sampling and analysis program whereby the extent and magnitude of any PCB contamination of soils, sediments, surface or subsurface waters, or other portions of the environment, resulting

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DK

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

August 7, 1990

Steven R. Baer
U.S. Department of Justice
Environmental & Natural Resources Division
Environmental Enforcement Section - Rm. 2634
Benjamin Franklin Station
Washington, D.C. 20044

Dear Mr. Baer:

Re: Martha C. Rose Bankruptcy Proceeding

I have spoken to the current Trustee in Bankruptcy for the Rose case. He stated that there was only about $50,000 in assets discovered which far exceeds claims. He stated there would be virtually no possibility that the $74,000 civil penalty could be paid.

You had explained the reason no claim had been filed to date. In view of the Trustee's information above, it is requested the case be closed.

Sincerely,

Henry F. Rompage
Attorney
Office of Regional Counsel

bcc: Financial Management

COMPTROLLER BRANCH
1990 AUG -8 A 11: 37

File 209.26

9TT12

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

IN THE MATTER OF:

CENTRAL LOUISIANA ELECTRIC COMPANY, INC.
Pineville, Louisiana,

and

CITY OF COLORADO SPRINGS
Colorado Springs, Colorado,

and

COMMONWEALTH EDISON COMPANY
Chicago, Illinois,

and

GENERAL MOTORS CORPORATION
Detroit, Michigan,

and

ILLINOIS POWER COMPANY
Decatur, Illinois,

and

INTERSTATE POWER COMPANY
Dubuque, Iowa,

and

IOWA PUBLIC SERVICE COMPANY
Sioux City, Iowa,

and

KANSAS POWER & LIGHT COMPANY
Topeka, Kansas,

and

Docket No. 87-F-0007

REGIONAL HEARING CLERK
OCT 29 1987
REGION VII

MARTHA C. RUSK

ADMINISTRATIVE ORDER

ON CONSENT

MISSOURI PUBLIC SERVICE COMPANY
Kansas City, Missouri,

and

NEW ENGLAND POWER SERVICE COMPANY
Westborough, Massachusetts,

and

NEW ORLEANS PUBLIC SERVICE, INC./LOUISIANA POWER & LIGHT COMPANY
New Orleans, Louisiana,

and

OKLAHOMA GAS & ELECTRIC COMPANY
Oklahoma City, Oklahoma,

and

OMAHA PUBLIC POWER DISTRICT
Omaha, Nebraska,

and

SOUTHWESTERN ELECTRIC POWER COMPANY
Shreveport, Louisiana,

and

WEST TEXAS UTILITIES COMPANY
Abilene, Texas,

and

CAMPBELL SOUP COMPANY
Camden, New Jersey,

RESPONDENTS.

Proceedings Under Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986, 42 U.S.C. § 9606(a).

ARTICLE I - INTRODUCTION

A. Jurisdiction

1. This Administrative Order on Consent ("CONSENT ORDER") is issued by the Regional Administrator of Region VII of the United States Environmental Protection Agency ("EPA" or "Agency") to Central Louisiana Electric Company, Inc., City of Colorado Springs, Commonwealth Edison Company, General Motors Corporation, Illinois Power Company, Interstate Power Company, Iowa Public Service Company, Kansas Power & Light Company, Missouri Public Service Company, New England Power Service Company, New Orleans Public Service, Inc./Louisiana Power & Light Company, Oklahoma Gas & Electric Company, Omaha Public Power District, Southwestern Electric Power Company, West Texas Utilities Company, and Campbell Soup Company (all of the above hereinafter referred to as the "Respondents"), pursuant to the authority vested in the President of the United States by Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), Pub. L. No. 99-499, 42 U.S.C. § 9606(a), and Section 104(a) of CERCLA, 42 U.S.C. § 9604(a), and delegated to the Administrator of EPA on January 23, 1987, by Executive Order 12580, 52 Fed. Reg. 2923 et seq., and further delegated to the Regional Administrator by EPA Delegations Nos. 14-14-A and 14-14-C, dated April 16, 1984, and February 26, 1987, respectively. Pursuant to

Section 106(a) of CERCLA, 42 U.S.C. § 9606(a), the State of Missouri has previously been notified of this CONSENT ORDER.

2. Each of the Respondents agrees to undertake all actions required by the terms and conditions of this CONSENT ORDER but not to take any other action thereby. The Respondents neither admit nor deny the findings of fact or conclusions of law or the determinations made herein; however, the Respondents agree not to challenge said findings, conclusions or determinations for purposes of this CONSENT ORDER only, and agree not to contest EPA's jurisdiction with respect to this CONSENT ORDER, except as may otherwise be provided for herein. The Respondents reserve all rights each may have to object to, contest, or defend against any allegation of violation of this CONSENT ORDER.

B. Statement of Purpose

1. In order to contribute to the efficient performance of any final remedial actions (which are not to be implemented under the terms of this CONSENT ORDER and to which Respondents do not hereby commit to undertake) at a facility located in Holden, Missouri, where Martha C. Rose Chemicals, Inc. operated a polychlorinated biphenyl (hereinafter "PCB") brokerage, processing and treatment facility (the Holden facility), the parties have entered into this CONSENT ORDER for the purpose of conducting the following activities:

(A) To initiate and complete the removal of PCBs and PCB items, as specifically described in Article V.A., herein, from the Holden facility to EPA-authorized disposal facilities; and

(B) To fully determine the nature and extent of releases or threats of releases of hazardous substances, including PCBs, into the environment at and contiguous to and from the Holden facility (hereinafter "Remedial Investigation" or "RI"), and to evaluate alternatives for appropriate remedial action to prevent or mitigate the release or threatened release of PCBs at and contiguous to and from the Holden facility (hereinafter "Feasibility Study" or "FS") (collectively referred to as "RI/FS").

2. Final remedial actions, consistent with the provisions of CERCLA, as amended by SARA, and the National Contingency Plan (NCP), 40 C.F.R. Part 300, and consistent with the RI/FS required by this CONSENT ORDER are not addressed in nor required by this CONSENT ORDER.

C. Parties

1. This CONSENT ORDER shall be binding upon each of the Respondents, their successors, assigns, subsidiaries, as set forth herein, and EPA; and upon all persons, agents, contractors and consultants acting under or for either the Respondents or EPA or both in carrying out the actions required by this CONSENT ORDER.

2. The Respondents shall provide a copy of this CONSENT ORDER to each contractor, subcontractor, laboratory, and consultant retained to conduct any portion of the work performed pursuant to this CONSENT ORDER prior to said contractor's, subcontractor's, laboratory's or consultant's initiation of work conducted under this CONSENT ORDER.

3. In the event of any change in ownership, or corporate or partnership status of any Respondent, such Respondent shall provide a copy of this CONSENT ORDER to such transferee in interest, notify EPA of such change in ownership, corporate or partnership status, and provide EPA with a copy of a transmittal letter to the new owner, corporation, partnership, or other legal entity which evidences that a copy of this CONSENT ORDER was provided to them by such Respondent.

ARTICLE II - FINDINGS OF FACT

Without administrative hearing, trial or other adjudication of any issues of fact, and without any admission of fact by Respondents, EPA has found the following.

1. Martha C. Rose Chemicals, Inc. (hereinafter "Rose, Inc.") operated a PCB brokerage, processing and treatment facility located at 500 W. McKissock in Holden, Missouri, where PCBs were released as a result of activities of Rose, Inc., its employees, agents or other representatives.

2. Beginning in early 1983 through 1986, Rose, Inc. was engaged in the business of brokerage of PCBs and PCB

items, processing of PCB capacitors and transformers for disposal, and decontamination of mineral oil dielectric fluids containing PCBs.

3. Pursuant to the authority granted to EPA under Section 6(e) of the Toxic Substances Control Act (hereinafter "TSCA"), and regulations promulgated thereunder, Rose, Inc. was granted four approvals to conduct the following activities involving PCBs:

A. to decontaminate mineral oil dielectric fluids containing PCBs at concentrations equal to or less than 10,000 parts per million (ppm) (effective on March 15, 1983, and expired on March 15, 1986);

B. to process PCB capacitors for disposal (effective on October 15, 1983 and revoked by EPA by letter dated July 9, 1986);

C. to process PCB transformers for disposal (effective on July 1, 1984, and revoked by EPA by letter dated July 9, 1986); and

D. to simulate the loaded conditions of in-service use in order to reclassify electrical transformers containing greater than 500 ppm PCBs.

These TSCA approvals only allowed Rose, Inc. to decontaminate and process PCB fluids to less than 2 ppm; to disassemble PCB transformers and capacitors as a waste volume reduction method; to reclassify PCB transformers; and to arrange for the off-site

disposal of transformers and capacitors after testing showed PCB levels at or less than 10 ug/100 cm^2. EPA did not grant Rose, Inc. any other approvals or permits to manage any other substances.

4. The express terms of each approval listed in paragraph 3, except for the approval described in Article II. 3.D., required Rose, Inc. to comply with all applicable federal, state and local environmental laws, regulations and standards.

5. Between 1983 and 1986, the Respondents and other entities' PCB materials were shipped to the Holden facility for proper storage, processing, treatment and disposal under TSCA. Rose, Inc. did not properly manage, handle, and arrange for the lawful disposal of PCBs and PCB items shipped to its facility. The Respondents assert that Rose, Inc. was also in violation of its contractual obligation to each Respondent for failing to properly manage, handle and arrange for the lawful disposal of PCBs and PCB items.

6. Rose, Inc. failed to manage, handle and dispose of PCBs and PCB items in accordance with the applicable federal PCB regulations contained at 40 C.F.R. Part 761 and the TSCA approvals specified in Article II.3.

7. EPA personnel conducted compliance inspections at the Holden facility on November 3 and 4, 1983; August 7-15, 1984; December 19, 1985; January 7, 1986; February 26, 1986; and March 17, 1986. Each such inspection revealed violations

of applicable PCB regulatory requirements, including violations of requirements for the storage and marking of PCBs and PCB items (40 C.F.R. §§ 761.65 and 761.40, respectively); inadequate record keeping (40 C.F.R. § 761.180); and violations of requirements for the disposal and distribution in commerce of PCBs and PCB items (40 C.F.R. §§ 761.60 and 761.20(c), respectively). In response to the above-referenced violations detected during the November 1983 inspection, EPA filed an Administrative Complaint and Notice of Opportunity for Hearing against Rose, Inc. on or about March 26, 1984. The EPA and Rose, Inc. subsequently entered into a Consent Agreement and Final Order, effective June 26, 1984, wherein Rose, Inc. agreed to pay a penalty and take specific actions to come into compliance with the PCB rules and regulations. In response to the above-referenced violations detected during the August 1984 inspection, EPA filed a second Administrative Complaint and Notice of Opportunity for Hearing against Rose, Inc. on or about February 25, 1985. EPA and Rose, Inc. subsequently entered into a second Consent Agreement and Final Order, effective September 27, 1985, wherein Rose, Inc. agreed to pay a civil penalty and take specific actions to come into compliance with the PCB rules and regulations. Rose, Inc. failed to comply with the terms of both Consent Agreements and Final Orders, with the PCB rules and regulations, and with the EPA approvals specified in Article II.3.

8. Beginning in January 1985, the Occupational Safety and Health Administration (OSHA) conducted inspections at the portions of the Holden facility used by Rose, Inc. and American Steel Works, Inc. Based on air and wipe samples taken during the inspections, OSHA issued a citation on or about July 19, 1985, to Rose, Inc. and American Steel Works, Inc. which alleged violations of OSHA standards and assessed civil penalties.

9. Investigations conducted by EPA and/or the Missouri Department of Natural Resources have detected PCBs; in fauna samples downstream from the Holden facility, in sewerage sludge at the City of Holden's publicly-owned treatment works, and in branch and creek sediments downstream from the Holden facility. EPA believes these detected PCBs resulted from releases of PCBs at the Holden facility.

10. In April and May 1986, Rose, Inc. notified, among others, certain Respondents and EPA expressing its unwillingness to come into compliance with the PCB rules and regulations, 40 C.F.R. Part 761, and to properly dispose of PCB and PCB items at the Holden facility.

11. On March 1, 1986, Rose, Inc. ceased operations, and on or near that date abandoned the Holden facility.

12. On or about May 23, 1986, EPA unilaterally issued an Administrative Order (Docket No. 86-F-0006), pursuant to Section 106 of CERCLA, 42 U.S.C. § 9606, to Martha C. Rose

Chemicals, Inc., American Steel Works, Inc., W.C. Carolan Company, Inc., Walter C. Carolan, and Environmental Technology, Inc., among others, which required: (1) the implementation of certain actions in response to a PCB spill that occurred on or about May 13, 1986; (2) the implementation of certain measures to prevent environmental contamination from similar PCB spills; (3) the establishment of site security, including emergency warning and notification systems, construction of a chainlink security fence, and the posting of the Holden facility; and (4) the submission of a detailed inventory/disposal plan for all PCBs and PCB items at the Holden facility. This Order also prohibited the named parties from removing PCBs and PCB items from the Holden facility without EPA's prior approval of a plan to properly decontaminate or dispose of such PCBs and PCB items. The above-named parties refused to comply with the terms and conditions of this Administrative Order. By letters dated June 13 and June 27, 1986, EPA notified the above-named parties that EPA would consider other actions based on the said parties' refusal to comply with this Order.

13. Upon the refusal of the responsible parties identified in Article II.12. to undertake appropriate response actions pursuant to said Administrative Order (Docket No. 86-F-0006), EPA began negotiations with the Respondents, who had formed a group commonly known as the Rose Chemicals Steering Committee (the "Committee") to undertake appropriate response actions at the Holden facility.

14. As a result of the said negotiations, EPA and certain members of the Committee, the City of Holden, Missouri, and Lear Siegler, Inc. entered into an Administrative Order on Consent (AOC), Docket No. 86-F-0019, pursuant to Section 106(a) of CERCLA, 42 U.S.C. § 9606(a), wherein these members of the Committee (namely, the "Generator Respondents") agreed to perform initial response activities at the Holden facility including the stabilization and preliminary assessment of the site. Generally, those activities included:

A. Release Assessment and Containment, wherein the location and extent of any release or threatened release of PCBs which posed an immediate danger to human health or welfare or the environment would be identified and actions taken to contain any such release;

B. Site Stabilization, wherein specific actions were to be taken to stabilize the site and reduce immediate risks of releases of PCBs that threatened human health or welfare or the environment, as determined by EPA's On-Scene Coordinator (OSC);

C. Site Security, wherein specific site actions were to be taken to restrict access and provide security for the site; and

D. Site Evaluation, wherein the Generator Respondents were, from available information, to determine the nature and amounts of contaminated materials at the

Holden facility and perform studies to further define the nature and extent of contamination at the site and to gather data necessary to determine and support final response activities.

15. To implement the provisions of the AOC, Docket No. 86-F-0019, the Generator Respondents, pursuant to Attachment A of the said AOC, which was entitled "STATEMENT OF WORK - INITIAL PHASE MARTHA C. ROSE CHEMICAL, INC. SITE, HOLDEN, MO.," were to conduct immediate response actions and to submit work plans and implement them upon EPA's approval. Work required by the said AOC, Docket No. 86-F-0019, either has been implemented or is in the process of being implemented and/or completed. Certain provisions and requirements of the said AOC, Docket No. 86-F-0019, shall be incorporated into this CONSENT ORDER as described in Article V.C.

16. Based on an inventory of PCBs and PCB items at the Holden facility, conducted pursuant to the AOC, Docket No. 86-F-0019, contractors for the Respondents have identified the following approximate quantity generator-sent PCBs and PCB items at the Holden facility.

Category	Pounds
Soils	791,310 lbs.
Sludges	182,346 lbs.
Transformers	1,887,756 lbs.
Transformer Parts	160,905 lbs.
Whole capacitors	1,486,341 lbs.
Capacitor cores	2,002,261 lbs.
Capacitor parts	167,525 lbs.
Liquids	4,746,011 lbs.
Miscellaneous debris	2,034,640 lbs.
Total Inventory Weight	13,459,095 lbs.

17. In addition to the generator-sent PCBs and PCB items referred to in Article II.16., additional PCB-contaminated items exist at the Holden facility which must be properly decontaminated and/or disposed. These non-generator sent PCB-contaminated items were returned by EPA to the Holden facility from locations in Johnson County, Missouri and Kansas City, Missouri. EPA believes that these PCB-contaminated items became contaminated as a result of contact with generator-sent PCBs. These PCB-contaminated items were moved from the Holden facility by persons known to be associated with Martha C. Rose Chemicals, Inc. in violation of an express provision prohibiting the removal of PCBs and PCB items from the Holden facility. This provision is in the Administrative Order, Docket No. 86-F-0006, more fully described in Article II.12., supra.

18. In addition to PCBs and PCB items referred to in Article II.16. and 17., EPA believes the following PCB contamination exists at the Holden facility.

A. PCB-contaminated equipment and other PCB-contaminated items are present at the Holden facility. The equipment and items were not sent to the Holden facility by the Respondents or other responsible parties, but became contaminated as a result of Rose, Inc.'s activities or as a result of activities by persons known to be associated with Rose, Inc.

B. Surface soil contamination exists on the facility grounds as a result of spills or releases of PCBs, indicating the possibility of some sub-surface contamination.

C. Current and past investigations have revealed the presence of buried materials which may or may not be contaminated with PCBs.

D. Water contained in a warehouse pit, which may be an environmental pathway to groundwater, is contaminated with low concentrations of PCBs.

E. Spills or releases of PCBs have occurred causing contamination of surface waters and pond areas at the Holden facility.

F. The warehouse, wherein the significant portion of PCBs and PCB items are presently located, has been contaminated with PCBs as a result of Rose, Inc.'s activities.

19. On June 20, 1986, certain utility creditors, to wit: Southwestern Electric Power Company, Central Louisiana Electric Company, Inc., The Kansas Power & Light Company and Illinois Power Company filed an involuntary petition in the United States Bankruptcy Court, Western District of Missouri, against Martha C. Rose Chemicals, Inc. Initially, Rose, Inc. did not oppose this petition. A trustee, John R. Stonitsch, was apppointed. The trustee received less than all the records of the bankrupt Rose, Inc. On March 2, 1987, the Trustee and petitioning creditors filed a joint motion for an order nunc pro tunc amending the caption in the involuntary petition to

include alter egos of the debtor. On April 1, 1987, a joint stipulation was filed by which the alter ego entities and individuals confessed the allegations of the motion. The Court granted the motion. The Findings of Fact and Conclusions of Law were filed on June 18, 1987. The name of the debtor now includes the alter egos, to-wit: Martha C. Rose Chemicals, Inc., a Missouri corporation, also doing business as American Steel Works, Inc., a Kansas corporation, and as W.C. Carolan Company, Inc., a Missouri corporation, and as Dust Suppression Systems, Inc., a Missouri corporation, and as Koenig Manufacturing, Inc., a Missouri corporation, and as the Trova Company, a Missouri corporation, and as I.D.C. Limited, a corporation of the Commonwealth of the Bahamas, and Walter C. Carolan, Jr., an individual, and James Bryan Carolan, an individual, its alter egos, Debtors.

20. Polychlorinated biphenyls (PCBs) are defined as any chemical substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contain such substance (40 C.F.R. § 761.3). PCBs have traditionally been used as dielectric and cooling fluids in electrical equipment.

21. Depending upon concentration, degree of chlorination, and duration of exposure, PCBs may cause harmful effects to vegetation and may cause illness, disease, or

other harmful effects to animal life or humans via oral and/or dermal exposure through air transport of PCB-contaminated dust or direct contact.

22. The Holden facility is located within the city limits of Holden, Missouri in a mixed use business, agricultural, and residential area. More specifically, two sides of the Holden facility abut residential development, one side abuts agricultural land, and one side abuts other active business entities.

ARTICLE III - CONCLUSIONS OF LAW

Without administrative hearing, trial or other adjudication of any conclusion of law, without any admission of the following conclusions of law by Respondents, EPA has found as follows.

1. Respondents are each a "person" as defined in Section 101(21) of CERCLA, as amended, 42 U.S.C. § 9601(21).

2. The Holden facility is a "facility" within the meaning of Section 101(9) of CERCLA, as amended, 42 U.S.C. § 9601(9).

3. The PCBs and PCB items at the Holden facility or which have been released at or from the said facility are "hazardous substances" as defined in Section 101(14) of CERCLA, as amended, 42 U.S.C. § 9601(14).

4. The actual and potential for spillage, leakage and escaping of PCBs at and from the Holden facility and the

presence of PCBs in grounds at and contiguous to the Holden facility constitute an actual or a threat of "release" into the environment as defined by Sections 101(22) and 106(a) of CERCLA, as amended, 42 U.S.C. §§ 9601(22) and 9606(a).

5. The activities described in Article V.A., constitute "removal" actions as defined by Section 101(23) of CERCLA, as amended, 42 U.S.C. § 9601(23).

ARTICLE IV - DETERMINATIONS

Based on the foregoing findings of fact and conclusions of law, and upon a review of pertinent records, the Regional Administrator has determined that:

A. there may be an imminent and substantial endangerment to the public health or welfare or the environment because of the presence of an actual or threatened release of hazardous substances namely, PCBs, at or from the Holden facility;

B. in order to protect public health and welfare and the environment, it is necessary that the response actions set forth and required by this CONSENT ORDER be taken to mitigate the release and/or threat of release of PCBs from or at the Holden facility;

C. the actions required by the terms of this CONSENT ORDER are in the public interest and consistent with the National Contingency Plan, 40 C.F.R. Part 300; and

D. the Respondents, who will undertake the removal actions and conduct the RI/FS, as required by Article V of this CONSENT ORDER, are qualified to undertake such activities and will do so in a proper manner.

ARTICLE V - ORDER

The Respondents agree to undertake all actions required by the provisions of this CONSENT ORDER and the Respondents acknowledge that each is individually liable for compliance with the applicable requirements of this CONSENT ORDER. All work performed pursuant to this CONSENT ORDER shall be under the direction of qualified personnel. The Respondents shall notify EPA as to the identity of such personnel and of any contractors and subcontractors to be used in carrying out the activities described in the attached Statement of Work and obtain EPA's approval prior to their use.

Based on the foregoing, it is therefore AGREED and ORDERED as follows.

A. Removal Activities.

1. The removal actions identified in Attachment A, "STATEMENT OF WORK, REMOVAL OF PCB WASTES, MARTHA C. ROSE CHEMICALS, INC., HOLDEN, MO.," (hereinafter, "SOW") which is incorporated herein in its entirety by this reference, shall be conducted in accordance with the PCB rules and regulations, 40 C.F.R. Part 761, unless otherwise specifically provided for herein.

and how PCB materials/wastes will be removed from the Holden facility, where materials will be sent, the documentation and records to be maintained relating to the removal actions, and safety procedures to be utilized during the removal actions. The Removal Work Plan is subject to EPA review, modification and approval. The EPA shall complete its review of the Removal Work Plan in an expeditious manner and shall notify the Respondents in writing of EPA's approval or disapproval of the Removal Work Plan or any part thereof. In the event of any disapproval, EPA shall specify in writing both the deficiencies and any EPA recommended modifications regarding the Removal Work Plan. Upon Respondents' receipt of any EPA disapproval, the provisions of Article VI.J., Resolution of Disputes, shall apply.

B. Remedial Investigation/Feasibility Study Activities.

1. The Respondents shall develop a Work Plan for, and conduct, a RI/FS relevant to the selection of final remedial actions at the Holden facility. The Respondents shall reimburse EPA for any costs incurred in connection with EPA, its employees, agents, contractors, or other authorized representatives, in overseeing and reviewing the development of the RI/FS Work Plan and implementation or conduct of said RI/FS. Such reimbursement shall be in accordance with Article VI.D., herein.

Studies Under CERCLA (June 1985)," and a proposed time schedule for implementation of each discrete RI/FS activity. The RI/FS Work Plan is subject to EPA review, modification and approval. The EPA shall complete its review of such Work Plan in an expeditious manner and shall notify the Respondents in writing of EPA's approval or disapproval of the Work Plan or any part thereof. In the event of any disapproval, EPA shall specify in writing both the deficiencies and any EPA recommended modifications regarding the RI/FS Work Plan. Upon Respondents' receipt of any EPA disapproval, the provisions of Article VI.J., Resolution of Disputes, shall apply.

C. Incorporation of Administrative Order on Consent, Docket No. 86-F-0019

1. The work required by the Administrative Order on Consent (AOC), Docket No. 86-F-0019, which is incorporated herein by reference as Attachment C, has either been implemented or is near completion. The following described actions or activities required by the said AOC shall be incorporated herein and shall, upon the effective date of this CONSENT ORDER, either be undertaken and/or implemented, if not already implemented, by the Respondents in accordance with this paragraph.

(A) Release Assessment and Containment. Respondents shall continue to monitor the Holden facility for releases or threats of releases of PCBs which may pose an immediate danger to human health or welfare or the environment

and, with respect to such releases or threats of releases, contain such releases or take appropriate actions to eliminate such threats of releases. Within twenty (20) work days of the effective date of this CONSENT ORDER, Respondents shall submit a detailed report to EPA regarding all actions that have been undertaken to the effective date of this CONSENT ORDER, to comply with the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 1.

(B) Site Stabilization. Respondents shall continue to monitor the Holden facility to stabilize the site to reduce immediate risks of releases of PCBs that threaten human health or welfare or the environment as determined by EPA's OSC or Project Coordinator. Such stabilization shall include continued compliance with the AOC Statement of Work - paragraph 2. Within twenty (20) work days of the effective date of this CONSENT ORDER, Respondents shall submit a detailed report to EPA regarding all actions that have been undertaken to the effective date of this CONSENT ORDER to comply with the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 2.

(C) Site Security - Respondents shall continue to restrict access and provide security to the site in accordance with the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 3. The EPA expressly acknowledges that the Respondents have a qualified right of access at the Holden

facility and EPA agrees to exercise reasonable use of its statutory powers to regain access if the City of Holden and/or Lear Siegler, Inc. restrict the Respondents' access to the Holden facility and if the Respondents have exercised best efforts to regain said access.

(D) Site Survey - Respondents shall, within ten (10) work days of the effective date of this CONSENT ORDER, submit a detailed sampling and inventory report relating to all work performed pursuant to the AOC, Docket No. 86-F-0019, Statement of Work - paragraphs 5 and 6. The sampling report shall include at a minimum: (1) results obtained from analyzed samples taken at the Holden facility, including air sampling, samples taken from all area sampling grids and all water, sediment, storm drain, sewer drain, and wipe samples; (2) quality assurance/quality control efforts and results including use of duplicate samples, spike samples and blank samples; and (3) all chain of custody and field sheets for all samples taken. The inventory report shall include all data, measurements, or other information that has been collected by the Respondents relating to each PCB item and all other PCBs at the Holden facility. The inventory report shall include a description of all codes utilized by the Respondents in conducting their site inventory.

(E) Work Plans. Respondents shall, within ten (10) work days of the effective date of this

CONSENT ORDER, revise and resubmit the Work Plans required by the AOC, Docket No. 86-F-0019, Statement of Work - paragraph 6. The Respondents may modify and utilize such plans as appropriate to comply with the provisions of this CONSENT ORDER.

2. Upon approval by EPA of all reports, plans or other documents submitted pursuant to Article V.C., the requirements of the AOC, Docket No. 86-F-0019, except for the surviving provisions identified in Article V.C.3. and as otherwise provided for in this CONSENT ORDER, shall be satisfied and terminated. The EPA shall notify Respondents of this approval and that the requirements of the AOC, Docket No. 86-F-0019, are satisfied and that work conducted under the said AOC was conducted in accordance with the National Contingency Plan, 40 C.F.R. Part 300.

3. The following provisions and/or requirements shall survive the notification by EPA that the provisions of the AOC, Docket No. 86-F-0019, have been satisfied and terminated: Article VI.B., Records; Article VI.C.1., Access to the Site; Article VI.E., Liability; Article VI.G., Record Preservation; Article VI.K., Reservation of Rights; and Article VI.L., Other Claims.

ARTICLE VI - PROCEDURAL AND LEGAL PROVISIONS

A. Authorized Representatives

1. The Respondents, as a single entity, hereby designate the below-named individual (and alternate) as the single representative who shall be authorized to represent

each and every Respondent in all matters pertaining to this CONSENT ORDER. Said representative (hereinafter the "Respondents' Executive") shall have authority both to receive all reports, comments, notifications, and other correspondence from EPA pursuant to this CONSENT ORDER and convey decisions on behalf of the Respondents. The Respondents have the right to change the said Respondents' Executive or alternate by notifying EPA in writing at least five (5) calendar days prior to said change.

	(Alternate)
Mr. Jene L. Robinson	Mr. Jay Pruett
500 S. 27th Street	P.O. Box 21106
Decatur, Illinois 62525	428 Travis Street
217-424-6834	Shreveport, Louisiana 71156-0001
	318-221-2604

2. On or before the effective date of this CONSENT ORDER, the Respondents shall designate a Project Coordinator, if other than the Respondents' Executive, or after said effective date if the Respondents decide to divide the responsibilities of the said Executive and Project Coordinator. EPA's Project Coordinator is identified in Article VI.A.3. Each Project Coordinator shall be responsible for overseeing the implementation of the provisions of this CONSENT ORDER. Communications between the Respondents and EPA that concern technical issues and/or matters shall be directed through the EPA Project Coordinator and the Respondents' Executive and/or the Respondents' Project Coordinator. The Respondents and

EPA each have the right to change their respective Project Coordinator(s). Such change shall be accomplished by notifying the other party in writing at least five (5) calendar days prior to said change.

3. All correspondence, reports, work plans and other writing required under the terms of this CONSENT ORDER, to be submitted to EPA, shall be sent to the EPA's Project Coordinator:

Mr. Steven Kinser, Project Coordinator
Waste Management Division
U.S. Environmental Protection Agency
Region VII
726 Minnesota Avenue
Kansas City, Kansas 66101

B. Record Preservation and Availability of Information

1. Respondents, and/or their designated agents, shall preserve, during the pendency of this CONSENT ORDER and for a minimum of seven (7) years after its termination, at least one copy of all records and documents in their possession or in the possession of their divisions, employees, agents, accountants, or contractors which relate in any way to the Holden facility or work performed pursuant to this CONSENT ORDER, notwithstanding any document or record retention policy to the contrary. Such records include, but are not limited to, sampling records, results of analyses, chain-of-custody records, manifests, trucking logs, receipts, reports, records of destination of PCBs, correspondence and other documents

created or produced pursuant to this CONSENT ORDER. After this seven year period, the Respondents shall notify EPA at least sixty (60) calendar days prior to the destruction of any such document. Upon request by EPA, the Respondents shall make available to EPA such records or documents, or copies thereof, provided they are not attorney work-product or subject to the attorney-client privilege, if requested by EPA within the said sixty (60) day period.

2. Upon written request from EPA, Respondents shall promptly, but in no instance longer than ten (10) calendar days after request by EPA, make available to EPA all scientific or technical data in their possession or control generated by the Respondents, or on behalf of the Respondents, that concern the Holden facility. Scientific and/or technical data shall include, but is not limited to, all records specifically identified and described in Article VI.B.1. and all background or preliminary records or documentation that are used in any way as a basis for any reports or studies required by this CONSENT ORDER. Upon request, EPA will make available to Respondents all sampling and analytical data (including split samples) and hydrological or geological information in its possession that pertains to the Holden facility.

3. The Respondents may assert a business confidentiality claim covering part or all of the information submitted under this CONSENT ORDER in the manner set out in 40 C.F.R. § 2.203(b). The information covered by such a claim will be

disclosed by EPA only to the extent, and by the means of the procedures, set forth in 40 C.F.R. Part 2, Subpart B (1986). If no confidentiality claim accompanies the information when it is received by EPA, it may be made available to the public by EPA without further notice to the Respondents.

4. All records submitted to EPA pursuant to this Article shall be sent to the designated EPA Project Coordinator.

5. The terms and provisions of this CONSENT ORDER shall not be interpreted or construed as preventing EPA from requesting information or records pursuant to its authorities under the law.

C. Access to the Site

1. Respondents shall grant EPA and/or its authorized representatives the authority to enter and freely move about all areas at the Holden facility at all reasonable times for the purposes of, inter alia: inspecting records; reviewing the progress of the Respondents in carrying out the provisions of this CONSENT ORDER; conducting such tests and taking such samples as EPA deems necessary; using a camera, sound recording, or other documentary type equipment; and verifying the data submitted to EPA by the Respondents. With the exception of documents covered by the attorney-client privilege or attorney work-product, the Respondents shall permit EPA or its authorized representatives to inspect and copy all records, files, photographs, documents and other writings (including all sampling and monitoring data) which in any way pertains to work undertaken

pursuant to this CONSENT ORDER. At the request of the Respondents, EPA and/or its authorized representatives shall allow the Respondents to split or duplicate any samples collected by EPA and/or its authorized representatives.

2. The City of Holden and/or Lear Siegler, Inc. have provided access to Respondents as necessary for the Respondents to implement the terms of the AOC, Docket No. 86-F-0019, and such access continues to be effective as of the date of this CONSENT ORDER. To the extent that the Holden facility or properties adjacent to the Holden facility are controlled by parties other than those bound by this CONSENT ORDER and that access to the Holden facility or properties adjacent to the Holden facility is necessary to fulfill the conditions of this CONSENT ORDER, including the accompanying Statement of Work, the Respondents will use their best efforts to obtain/maintain access. In the event that such necessary access agreements cannot be obtained, or if obtained, are revoked by entities controlling access to the Holden facility or property near the Holden facility, Respondents shall notify EPA. If the Respondents cannot obtain or lose access, despite best efforts, EPA agrees to exercise reasonable use of its applicable statutory authority to assist the Respondents in obtaining such access where voluntary access is denied. Nothing contained herein is intended to relieve the Respondents from complying with any clause or provision in existing agreements

setting out rights or obligations of the Respondents being given access to the Holden facility or property near the Holden facility.

3. Nothing herein shall be construed as restricting the inspection or access authority of EPA under federal law or regulations.

D. Reimbursement of Costs

Pursuant to Article V.B., the Respondents shall reimburse EPA for costs EPA incurs, not inconsistent with the National Contingency Plan, in connection with overseeing and reviewing the conduct of the RI/FS. Within one hundred-twenty (120) calendar days after the end of each Federal fiscal year, EPA shall submit to the Respondents an accounting of all such costs incurred in overseeing and reviewing the conduct of the RI/FS during the previous fiscal year. The Respondents shall, within thirty (30) calendar days of receipt of that accounting, forward a cashiers check for the amount of said costs made payable to the Hazardous Substance Superfund. Checks should specifically reference the identity of the site and the docket number of this CONSENT ORDER and be addressed to:

U.S. Environmental Protection Agency
Superfund Accounting
P.O. Box 371003M
Pittsburgh, Pennsylvania 15251
Attention: Superfund Collection Office

A copy of the transmittal letter and cashier's check shall be sent to the EPA Project Coordinator by the Respondents.

E. EPA Oversight

The EPA may appoint an On-Scene Coordinator (OSC) who shall have the authority vested by the National Contingency Plan at 40 C.F.R. Part 300. This includes the authority to halt, conduct or direct any activities required by this CONSENT ORDER and/or any response actions or portions thereof when conditions present an imminent and substantial endangerment to the public health or welfare or the environment or when necessary to assure that such activities or actions are not inconsistent with the National Contingency Plan. The OSC, or any person designated by the OSC, will have the right to move freely about the Holden facility at all times when work is being carried out pursuant to this CONSENT ORDER. In the absence of designation of an EPA OSC, EPA's Project Coordinator shall assume the authorities specifically provided for herein.

F. Liability

1. Neither the United States nor any agency or agents or employees thereof shall be liable for any injuries or damages to persons or property resulting from acts or omissions of Respondents, their officers, directors, employees, agents, servants, receivers, trustees, successors, or assignees, or of any persons, including but not limited to firms, corporations, subsidiaries, contractors or consultants, in carrying out activities pursuant to this CONSENT ORDER, nor shall the United States or any agency or agents or employees thereof be

held out as a party to any contract entered into by the Respondents in carrying out activities pursuant to this CONSENT ORDER. This paragraph does not apply to any agency of the United States that has been identified as a potentially responsible party at the Holden facility.

2. Nothing in this CONSENT ORDER, including its attachments, is intended to be, nor shall it be, an admission of fact or law, an estoppel or waiver of defenses for any purpose except as expressly provided herein. Nothing herein is intended to be, nor shall it be, a release or settlement of any private claims or injuries known or unknown to persons or property of any private person or local government agency.

3. Except as provided for in Article VI.N.4., nothing in this CONSENT ORDER, including its attachments, is intended to be, nor shall it be, a final settlement of liabilities between EPA and Respondents with respect to environmental conditions that exist at the Holden facility.

4. Except for the penalties provided for in Article VI.G. and P., the costs incurred by Respondents in complying with the provisions of this CONSENT ORDER are not intended to be and shall not be construed as penalties.

G. Penalties for Non-Compliance

1. Upon notification by EPA, the Respondents shall be subject to and pay stipulated penalties, that have not been forgiven pursuant to Article VI.G.5., as follows

for each day Respondents fail to meet the time deadlines required in Articles V.A.2., V.A.3., V.B.4. and V.C. of this CONSENT ORDER:

Days After Due Date	Penalty
1-10	$250.00
11-	$500.00

2. Stipulated penalties shall accrue as follows for each day Respondents fail to meet interim time deadlines for implementation of either the RI/FS (except Articles V.A.2. and V.A.3.) or Removal Work Plans:

Days After Due Date	Assessment For Each Day
1-10	$250.00
11-21	$500.00
21-	$1000.00

3. Upon notification by EPA, the Respondents shall be subject to and pay stipulated penalties, that have not been forgiven pursuant to Article VI.G.5., at the rate of $5,000 for each day Respondents fail to meet final completion time deadlines set forth in either the Removal Work Plan or the RI/FS Work Plan. The Respondents shall be subject to and pay stipulated penalties under this paragraph, unless and to the extent a time delay is granted under the provisions of Article VI.K., Delay in Performance.

4. Where the Respondents fail to meet the interim time deadlines provided for in Article VI.G.2., EPA shall forgive the relevant accrued interim deadline stipulated penalties, if and when Respondents meet the final completion time deadlines set forth in the Removal Work Plan or RI/FS Work Plan.

5. Any stipulated penalties which are due under Articles VI.G.1., VI.G.2., or VI.G.3. may be forgiven by EPA at the Agency's election.

6. All stipulated penalties paid under Article VI.G. shall be payable by cashiers check to the Hazardous Substances Superfund. Checks shall specifically reference the identity of the site and the docket number of this CONSENT ORDER and be addressed to:

U.S. Environmental Protection Agency
Superfund Accounting
P.O. Box 371003M
Pittsburgh, Pennsylvania 15251
Attention: Superfund Collection Office

7. Any stipulated penalty paid by the Respondents under this Article V.I.G., constitute a credit against penalties imposed by EPA under Section 106(b) of CERCLA, as amended, and against punitive damages imposed by EPA under Section 107(c)(3) of CERCLA, as amended. This credit provision shall not apply to violations of this CONSENT ORDER not specified in this Article VI.G.

H. Other Applicable Laws

1. All actions required to be taken pursuant to this CONSENT ORDER shall be undertaken in accordance with legally relevant and applicable EPA policies and with the requirements of all applicable local, state and federal laws and regulations, including the PCB rules and regulations at 40 C.F.R. Part 761, as determined by EPA.

2. To the extent that compliance with any federal, state, or local law, or requirement is delayed despite Respondents good faith effort to comply, EPA agrees that the Respondents are not thereby in violation of this CONSENT ORDER nor the applicable law or regulation.

I. EPA Review

Following EPA's receipt of any submittal, plan, report, schedule, or any part or refinement or revision thereof, required to be submitted by the Respondents to EPA pursuant to this CONSENT ORDER, EPA shall review such submittal, plan, report, or schedule in an expeditious manner and notify the Respondents in writing of its approval or disapproval or modification of the submittal, plan, report, schedule, or any part or further refinement or revision thereof. In the event of any disapproval or modification, EPA shall specify in detail both the deficiencies and reason(s) therefore. Any submittal, plan, report, schedule, or any part or further refinement or revision thereof, which is approved by EPA and performance of which is not contingent upon determining or proceeding with a disapproved or modified part of the submittal, plan, report or schedule shall, on the date of such approval, become final for purposes of this CONSENT ORDER.

J. Resolution of Disputes

1. As to any submittal, plan, report, schedule, or any part or refinement or revision thereof, for which EPA has

provided the Respondents a written notice of disapproval pursuant to the provisions of this CONSENT ORDER, the Respondents shall, within fourteen (14) calendar days of receipt of such notice either:

(A) modify and resubmit to EPA such submittal, plan, report, or schedule, or portion thereof, revised to eliminate the deficiencies or unacceptable provisions therein as specified by EPA, in which case the disputed submittal, plan, report, or schedule, or refinement or revision thereof, shall become final for purposes of this CONSENT ORDER upon written notification of EPA's approval; or

(B) confer with EPA in an attempt to achieve agreement on the disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof. If agreement can be achieved by such conference, it will be memorialized in a joint memorandum between the parties and the disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof, shall become final for purposes of this CONSENT ORDER on the effective date of such memorandum.

2. If agreement concerning the disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof, cannot be achieved by means of the procedures set out in Article VI.J.1.(A) and (B), Respondents may either request a conference before the Regional Administrator or present a written presentation to the Regional Administrator (or both)

in an attempt to resolve said disputed matter(s). Respondents' request for a conference or submission of a written presentation (if a conference is not requested) must be received by EPA within ten (10) work days of receipt by Respondents' Executive or Project Coordinator of any written notice of disapproval. Within twenty (20) work days of receipt of any notice of disapproval by the Respondents' Executive or Project Coordinator, or within ten (10) work days of said conference (or receipt of the written presentation, if a conference is not requested) whichever occurs later in time, the Regional Administrator shall provide the Respondents a written decision regarding said disputed matter(s) and advise the Respondents to take such actions as are appropriate to achieve the goals of this CONSENT ORDER.

3. None of the foregoing provisions shall prohibit any party from pursuing appropriate judicial or other remedies as provided by law on the disputed portions of any submittal, plan, report, or schedule; or from seeking such further and additional relief; or from undertaking such response actions as may be necessary to protect human health or welfare or the environment.

4. If agreement concerning any disputed submittal, plan, report, or schedule, or any part or refinement or revision thereof, cannot be achieved by means of the procedures set out in Article VI.J.1. (A) and (B), and if Respondents request either a conference before the Regional Administrator

or present a written presentation to the Regional Administrator (or both) pursuant to Article VI.J.2., and if such a disagreement and subsequent review by the Regional Administrator causes a delay that would subject Respondents to stipulated penalties under Article VI.G., such stipulated penalties shall continue to accrue. To the extent the Regional Administrator's written decision under Article VI.J.2. totally adopts Respondents' position with respect to a disagreement, the relevant accrued stipulated penalties shall be forgiven and an appropriate time extension relevant to a disputed matter and at least equal to the delay caused by the institution of the process described in Article VI.J.2. shall be granted in the Regional Administrator's written decision. To the extent the Regional Administrator's written decision under Article VI.J.2. either totally adopts EPA's position or partially adopts Respondents' position and partially adopts EPA's position with respect to a disagreement, the amount of the accrued stipualted penalties, if any, resulting from the delay caused by the institution of the process described in Article VI.J.2. shall become due and payable as specified in the Regional Administrator's written decision.

5. The time periods of Article VI.J. may be extended by the written agreement of the parties involved.

K. Delay in Performance

1. If any event occurs which causes delay in the achievement of any of the requirements of this CONSENT ORDER,

despite the Respondents' good faith efforts, the Respondents shall promptly notify EPA's On-Scene Coordinator and/or Project Coordinator orally within seventy-two (72) hours of the event and shall, within seven (7) calendar days of said oral notification to EPA, notify EPA in writing of the anticipated length and cause of the delay, the measures taken and/or to be taken to prevent or minimize the delay, and the timetable by which the Respondents intend to implement said measures. For purposes of this CONSENT ORDER, such events are defined as any event arising from circumstances beyond the reasonable control of the Respondents which could not be overcome by good faith efforts, including but not limited to: inability to obtain materials or otherwise perform due to an act of God, act of public enemy, war, blockade, public riot, lightning, fire, storm, flood, explosion, labor disputes; delay caused solely by EPA or other government agenies or their contractors; or delay in obtaining or maintaining access. Increased costs of performance of the terms of this CONSENT ORDER, except exceptional, commercially impractical disposal costs as specified in Article VI.K.4., shall not be considered circumstances beyond the control of the Respondents. The Respondents shall adopt all reasonable measures to avoid or minimize delays, which shall include use of alternate disposal facilities in the event any original chosen disposal facility becomes unavailable for any reason.

2. The EPA, through its Project Coordinator, shall acknowledge the Respondents' notice of delay and consider granting any appropriate time extension by letter to the Respondents' Executive or Respondents' Project Coordinator. Disputes concerning the period of additional time necessary to complete work shall be resolved through Article VI.J., Resolution of Disputes.

3. In the event EPA agrees that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of the Respondents, such delay shall not be deemed a violation of either this CONSENT ORDER or applicable law and the time for performance hereunder shall be extended for an appropriate period of time. An extension of time granted by EPA in complying with an incremental step in any schedule established pursuant to this CONSENT ORDER may extend for a time period exceeding the delay time period and may extend each subsequent step.

4. The EPA and Respondents acknowledge that conditions at off-site storage, treatment, or disposal (TSD) facilities may require the Respondents to cease sending wastes to such facilities. The Respondents shall inform EPA of the name and address of each of the Respondents' off-site TSD facilities. Upon receipt of relevant information that EPA has interdicted or is likely to interdict any of Respondents' off-site TSD facilities, EPA's Project Coordinator shall immediately notify the Respondents

of such interdiction or possible interdiction. Upon receipt of the EPA's Project Coordinator's notification that EPA has interdicted one of Respondents' off-site TSD facilities, Respondents shall cease sending Holden facility wastes to the interdicted facility. If EPA interdicts one or more of the Respondents' off-site TSD facilities, EPA - Region VII agrees to: (i) assist the Respondents in identifying the cause for each of the facility's interdiction; (ii) appropriately suspend the time deadlines imposed under the CONSENT ORDER for compliance made impossible because of the interdiction; and (iii) apply the Resolution of Disputes mechanism, Article VI.J., to any disagreement regarding the added time period necessary for the Respondents to identify, submit bids, and contract for the services of a conforming TSD facility. EPA does not intend that Respondents incur exceptional, commercially impractical expense and therefore EPA agrees that the Respondents are allowed sufficient time to negotiate commercial terms should EPA interdict one or more of the Respondents' off-site TSD facilities.

L. Subsequent Modification or Amendment

This CONSENT ORDER may be amended or modified by mutual agreement of EPA and the Respondents, and may include amendments or modifications necessary to address such cleanup or decontamination activities not currently addressed in this

CONSENT ORDER but which are necessary to protect public health or welfare or the environment. Such amendments or modifications shall be in writing and shall have as their effective date, the date on which such amendments or modifications are signed by EPA after Respondents have signed such amendment or modification.

M. Reservation of Rights

1. Notwithstanding compliance with the terms of this CONSENT ORDER, the Respondents are not released from liability for any actions taken by EPA, if any, beyond the terms of this CONSENT ORDER. EPA reserves the right to take, and the Respondents reserve the right to oppose, any enforcement action pursuant to CERCLA and/or any available legal authority, including the right to seek injunctive relief, monetary penalties, and punitive damages for any violations of law or of this CONSENT ORDER.

2. The Respondents and EPA expressly reserve all rights and defenses that they may have, including EPA's right to request that the Respondents perform tasks in addition to those required in Article V., of this CONSENT ORDER. The Respondents reserve the right to oppose such requests. In addition, EPA reserves the right to undertake removal actions and/or remedial actions at any time after first notifying and, if sufficient time exists, conferring with Respondents or their designated representatives prior to initiating any removal or remedial action at the Holden facility. In either

event, EPA reserves the right to seek reimbursement from the Respondents thereafter for such costs incurred by the United States as are not inconsistent with the National Contingency Plan, and Respondents reserve the right to contest any such action.

3. Each Respondent reserves its right to bring any action, including an action for contribution otherwise available against any person, as defined in Section 101(21) of CERCLA, as amended, 42 U.S.C. § 9601(21).

N. Other Claims

1. Except as expressly provided herein and in CERCLA, as amended, no provision in this CONSENT ORDER is intended or shall be construed as a release by any party of any claims, causes of action or demand in law or equity against any person, firm, partnership, corporation or governmental entity for any liability it may have arising out of or relating in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous substances taken to or taken from the Holden facility or otherwise released at or from the Holden facility.

2. This CONSENT ORDER does not constitute preauthorization of funds under Section 111(a)(2) of CERCLA, 42 U.S.C. § 9611(a)(2).

3. In entering into this CONSENT ORDER, Respondents waive any right to seek reimbursement under

Section 106(b)(2) of CERCLA, as amended, for any past costs and costs that may be incurred by Respondents in complying with the provisions of this CONSENT ORDER.

4. In accordance with its policies, EPA waives any claims it might have under TSCA to assess civil penalties against any and all Respondents which have arisen or which may arise out of the failure of Rose, Inc. to dispose of any Respondents PCBs, PCB items, and/or PCB-contaminated materials (sent by said Respondent to the Holden facility) within one (1) year from the date when said PCBs, PCB items and/or PCB-contaminated materials were first placed into storage for disposal [40 C.F.R. § 761.65 (a)]. This waiver applies only to the one-year disposal requirement specified in 40 C.F.R. § 761.65 and is expressly conditioned to each Respondent upon:

(A) Respondent having delivered the said PCBs, PCB items and/or PCB-contaminated materials to the Holden facility at least ninety (90) days prior to the expiration of one year from when the PCBs, PCB items, and/or PCB-contaminated materials were first placed into storage for disposal; and

(B) compliance with the terms and provisions of this CONSENT ORDER.

Except as provided for in Article N.4., the Respondents remain liable for the proper disposal of PCBs, PCB-items, and

PCB-contaminated materials under applicable provisions of TSCA and CERCLA. PCBs and PCB items which are presently in storage for disposal at the Holden facility shall be disposed of at either a TSCA-approved landfill or TSCA-approved incinerator within sixty (60) days from the date said PCBs or PCB items are removed and transported from the Holden facility to the TSCA-approved landfill or incinerator. For purposes of complying with the terms of this CONSENT ORDER and with the one (1) year disposal requirement in 40 C.F.R. § 761.65(a) and to facilitate the expeditious clean-up of the Holden facility, EPA has agreed to exercise its enforcement discretion not to seek penalties against off-site disposal facilities for violations of the TSCA one-year disposal requirement as long as PCBs and PCB items are disposed of within the said sixty (60) day time period. The EPA also agrees, in accordance with its TSCA Compliance Program Policy No. 6-PCB-6 dated August 16, 1983, which is herein incorporated by reference as Attachment D, that any off-site disposal facility's failure to dispose of PCBs or PCB items governed by this CONSENT ORDER, within the said sixty (60) days, shall not subject Respondents to penalties under TSCA for any disposal facility's failure to dispose of PCBs or PCB items within the said sixty (60) days.

5. If EPA seeks to recover its past response costs (to the effective date of this CONSENT ORDER), and/or response costs it incurs in overseeing the implementation of this CONSENT

ORDER (excluding costs relating to overseeing the development and implementation of the RI/FS as provided for in Article VI.D.), EPA agrees to use its best efforts to recover said costs from non-participating potentially responsible parties who are identified to EPA under Article VI.S.1.C. EPA asserts that its agreement to use its best efforts to seek recovery of such costs from such non-participating parties is conditional upon there being such non-participating parties who are aggregately responsible for at least 5% of the total of all PCB wastes sent to the Holden facilty, based on weight, except that excluded from this calculation are the PCB-wastes of such non-participating parties whose indebtedness or liability, for the subject EPA response costs, has been discharged in a bankruptcy proceeding.

O. Satisfaction and Completion

The requirements of this CONSENT ORDER shall be deemed satisfied upon written notice from EPA that the Respondents have demonstrated, to the satisfaction of EPA, that all of the terms of this CONSENT ORDER have been completed. EPA shall notify the Respondents in writing if the reports, one submitted at the completion of activities described in the Statement of Work and the other upon completion of the RI/FS, do not demonstrate that all the terms of this CONSENT ORDER have been completed. In its written notification, EPA shall describe all deficiencies that must be addressed to fully comply with the terms of this CONSENT ORDER. The provisions of Article VI.J., Resolution of Disputes, shall then apply.

P. Failure to Comply

The Respondents are advised that, under Section 106(b) of CERCLA, 42 U.S.C. § 9606(b), a Respondent's willful violation or failure or refusal to comply with any provision of this CONSENT ORDER may subject that Respondent to a civil penalty of not more than $25,000 for each day in which such violation occurs or such failure to comply continues. Under Section 107(c)(3) of CERCLA, 42 U.S.C. § 9607(c)(3), a Respondent's failure to comply with any portion of this CONSENT ORDER without sufficient cause, may subject that Respondent to liability for punitive damages in an amount up to three times the amount of any costs incurred by the government as a result of that Respondent's failure to take proper action. Respondents reserve the right to contest, on all bases available in law or equity, any such actions for penalties or damages.

Q. Contribution Protection

1. The parties recognize the possibility that there may be brought or asserted against the Respondents, and such other participating potentially responsible parties identified to EPA pursuant to Article VI.S.1.A. and B., suits or claims for contribution regarding matters addressed in this CONSENT ORDER by persons or entities that have not entered into this settlement (non-participating potentially responsible parties) that might, if successful, obligate the Respondents to pay amounts toward matters addressed in this CONSENT ORDER.

The parties acknowledge that Section 113(f)(2) of CERCLA, as amended by SARA, provides contribution protection to Respondents and other participating potentially responsible parties (identified under Article VI.S.1.A. and B.) for claims for contribution regarding matters addressed under this CONSENT ORDER.

2. The parties represent that this CONSENT ORDER was negotiated in good faith. The Respondents, solely for the purpose of conformance with the work under this CONSENT ORDER, as it may be amended, may assume responsibility for work exceeding the Respondents' equitable share, either individually or collectively. To the extent that such occurs, the Respondents intend to seek contribution from those non-participating potentially responsible parties who have been identified by the Respondents pursuant to Article VI.S.1.C. The parties agree that federal law should govern questions of contribution. The parties agree that, in determining the appropriate federal rule of decision to establish the effect of this CONSENT ORDER on possible rights of contribution, a court should adopt the principles set forth in Section 113(f) of CERCLA, as amended by SARA.

3. Each Respondent agrees that with respect to any suit or claim for contribution brought against it for matters covered by this CONSENT ORDER, it will timely notify the EPA of the institution of such suit or claim.

R. Covenant Not to Sue

The EPA covenants not to sue the Respondents and other participating potentially responsible parties, identified by Respondents pursuant to Article VI.S.1.A. and B., for work conducted satisfactorily pursuant to this CONSENT ORDER. This covenant not to sue shall not apply either to conditions unknown on the date EPA provides Respondents written notice, pursuant to Article VI.O., that the requirements of this CONSENT ORDER are satisfied and have been completed or to unanticipated occurrences at the Holden facility and at off-site incineration facilities.

S. Participating Potentially Responsible Parties and Other Parties

1. Respondents shall submit to EPA, on the first day of each month following the effective date of this CONSENT ORDER, the following:

A. a list of potentially responsible parties who have entered into settlements with the Respondents, as determined by Respondents, with respect to each said party's liabilities at the Holden facility relating to the operations of Rose, Inc.;

B. a list of other potentially responsible parties who have not entered into final settlements with the Respondents, but who are participating in the Respondents' efforts to implement appropriate response actions related to the cleanup of the Holden facility as determined by Respondents; and

C. a list of non-participating potentially responsible parties as determined by Respondents.

2. Parties identified by Respondents under Article VI.S.1.A. and B. shall be considered to be "participating potentially responsible parties" for all purposes under this CONSENT ORDER, and parties identified by Respondents under Article VI.S.1.C. shall be considered to be "non-participating potentially responsible parties" for all purposes under this CONSENT ORDER.

T. Opportunity to Confer and Effective Date

In consideration of the communications between the Respondents and EPA prior to the issuance of this CONSENT ORDER, it is agreed that there is no need for a settlement conference prior to the effective date of this CONSENT ORDER. Therefore, the effective date of this CONSENT ORDER shall be the date on which it is signed by EPA after Respondents have signed this CONSENT ORDER.

IT IS SO AGREED AND ORDERED:

By Gregory L. Nesbitt

G. L. NESBITT, SENIOR VICE PRESIDENT

Date 9/25/87

FOR: CENTRAL LOUISIANA ELECTRIC
COMPANY, INC.
Pineville, Louisiana

By _____ 10/19/87
J.D. Phillips Date
Deputy City Manager/Director of Utilities

FOR: CITY OF COLORADO SPRINGS
Colorado Springs, Colorado

By _____ Date 10/9/87

FOR: COMMONWEALTH EDISON COMPANY
Chicago, Illinois

By Laura J. Butzman
Attorney

Oct 9, 1987
Date

FOR: GENERAL MOTORS CORPORATION
Detroit, Michigan

By: _____ Date 9/15/87

FOR: ILLINOIS POWER COMPANY
Decatur, Illinois

By: _____ 9/25/87
W. H. STOEPELMOOR Date

FOR: INTERSTATE POWER COMPANY
Dubuque, Iowa

By: _____ SEPTEMBER 18, 1987
Date

FOR: IOWA PUBLIC SERVICE COMPANY
Sioux City, Iowa

By: David S. Black 9/22/87
Date

FOR: KANSAS POWER & LIGHT COMPANY
Topeka, Kansas

By: William D. Owen 9/25/87
Date

FOR: MISSOURI PUBLIC SERVICE COMPANY
Kansas City, Missouri

By: GP Gasly 10-6-1987
Date

FOR: NEW ENGLAND POWER SERVICE COMPANY
Westborough, Massachusetts

By: _____ September 24, 1987
Date

J. J. Cordaro
Senior Vice President -
External Affairs

FOR: NEW ORLEANS PUBLIC SERVICE INC./
LOUISIANA POWER & LIGHT COMPANY
New Orleans, Louisiana

By: _____ September 24, 1987
Date

Senior Vice President
Accounting and Administration

FOR: OKLAHOMA GAS & ELECTRIC COMPANY
Oklahoma City, Oklahoma

By: William C Jones
Senior Vice President

September 24, 1987
Date

FOR: OMAHA PUBLIC POWER DISTRICT
Omaha, Nebraska

By: Dale E. Ward 9/18/87
Dale E. Ward Date
Vice President Engineering & Operations

FOR: SOUTHWESTERN ELECTRIC POWER COMPANY
Shreveport, Louisiana

By: Randal Meador Sept. 22, 1987
Date

CRW HAM
EB

FOR: WEST TEXAS UTILITIES COMPANY
Abilene, Texas

By: _____ CMU
VICE PRESIDENT - PROCUREMENT

September 24, 1987
Date

FOR: CAMPBELL SOUP COMPANY
Camden, New Jersey

By _____ 10-29-87
MORRIS KAY Date
Regional Administrator
U.S. Environmental Protection
Agency
Region VII

By _____
J. SCOTT PEMBERTON
Assistant Regional Counsel
U.S. Environmental Protection
Agency
Region VII

STATEMENT OF WORK

REMOVAL OF PCB WASTES

MARTHA C. ROSE CHEMICALS, INC., HOLDEN, MISSOURI

The Respondents, with the assistance of their contractor(s), will perform the following activities in connection with satisfying the requirements of this CONSENT ORDER negotiated between the Respondents and EPA. The objective of the Statement of Work is primarily the removal and disposal of PCB fluids and PCB-contaminated materials and items from the Martha C. Rose Chemicals, Inc. facility in Holden, Missouri (hereinafter, the "Holden Facility") and secondarily, excavation of selected high PCB concentration surface soils at the Holden facility. This Statement of Work does not address other work which may be required at the Holden facility in the future and is not intended to preclude on-site treatment if necessary and appropriate to implement the provisions of this Statement of Work in an expeditious manner. Excluded from this Statement of Work are PCB items and other PCB-contaminated materials identified in Article II. 17. and Article II.18.A. of this CONSENT ORDER which will be addressed in the RI/FS.

1. WASTES TO BE REMOVED

The wastes to be removed are those described herein. The wastes to be removed were sent to the Holden facility by Respondents and other responsible parties for the purpose of treating or processing for disposal or disposal, in accordance with the TSCA requirements at 40 C.F.R. Part 761.

In addition, wastes to be removed include PCB-contaminated items presently located at the Holden facility, contaminated as a result of activities at the facility.

The wastes which will be disposed of under this CONSENT ORDER are identified as follows:

Bulk Metals - - consist of all transformers, transformer cases and transformer parts (cores, bushings, parts, etc.) resulting from the dismantling of transformers, and includes bulk oil storage tank shells and all sheet metal, scrap steel plate, tools and hardware, engines and motors and processing equipment associated with the Martha C. Rose Chemicals, Inc. operation.

Light Metals - - consist of all capacitors, capacitor cores and other capacitor parts/components (metals, cases, etc.).

PCB-Contaminated Oils and Solvents - - consist of oils from transformers, capacitors and other PCB-contaminated electrical equipment and other PCB-contaminated fluids. In addition, PCB-contaminated flushing fluids which have and will result from draining and flushing/rinsing activities are included. These fluids also include those PCB oils which are presently contained in on-site transformers.

PCB-Contaminated Water - - consists of Respondent and other responsible party-sent PCB-contaminated liquid (water) which has no intrinsic BTU value. Also included in this category is water resulting from decontamination at the Holden facility.

Sludges - - consist of Respondent and other responsible party-sent sludges which are wet solids containing free liquids. Any charcoal filter residue that is generated on-site will be categorized as sludge for the purposes of this Statement of Work and will be included within the scope of this Statement of Work.

Miscellaneous Combustible Solids - - consist of liquid-free paper, rags, wood, pallets, absorbent pads, hoses, protective clothing and other similar solids. A portion of these solids became contaminated as a result of activity at the Holden facility.

Miscellaneous Non-Combustible Solids - - consist of liquid-free oil dry, insulators, drummed soil and limited quantities of high PCB concentration surface soils resulting from cleanup of selected surface soils at the Holden facility.

Drum/Containers - - consist of empty drums/containers which are found at the Holden facility and those empty drums/containers generated as a result of cleanup activity at the Holden facility.

2. PREPARATION OF WASTES FOR REMOVAL

Before these wastes are transported from the Holden facility for disposal, each transformer and waste container must be inspected and prepared for shipment. All PCB items and other materials shall be marked in accordance with Subpart C of 40 C.F.R. Part 761 prior to removal from the Holden facility. The inspection and waste preparation shall be conducted as follows:

Bulk Metals - - Transformers and associated bushings will be drained and flushed according to 40 C.F.R. §761.60(b)(1)(B) and prepared for final shipment. Transformer parts will be packaged for shipment in an appropriate and structurally enclosed manner in accordance with 40 C.F.R. Part 761. Other bulk metals as defined in paragraph #1 of this Statement of Work will be handled by similar appropriate means.

Light Metals - - The majority of intact capacitors which remain on-site are contained in the original shipping containers as received from the waste generator. These containers will be inspected by the waste disposal contractor to verify the structural integrity of each container. All sound containers holding intact capacitors will be mobilized for transport with the capacitors contained within. Unsound containers will be either over-packed or unpacked in which case the capacitors will be

repacked in an appropriate structurally enclosed manner and then prepared for shipment in accordance with 40 C.F.R. Part 761. Leaking capacitors will remain in their original shipping drums unless the drums are leaking, in which case the contained capacitors will be repacked in an appropriate and structurally enclosed manner and then prepared for shipment in accordance with 40 C.F.R. Part 761. Capacitor cores which are now stored in the "baghouse" container and core-room will be removed and placed into appropriate and structurally enclosed containers for shipment in accordance with 40 C.F.R. Part 761. These containers will then be prepared for final transport. Capacitor parts are presently contained in boxes (metal and wood). These boxes will be inspected to verify the structural integrity of each box. All sound containers holding these capacitor parts in a structurally enclosed manner will be mobilized for transport in accordance with 40 C.F.R. Part 761. Unsound containers will be unpacked and the capacitor parts will be repacked in appropriate and structurally enclosed containers and prepared for shipment in accordance to 40 C.F.R. Part 761. Other light metals will be placed in appropriate and structurally enclosed containers for shipment.

PCB-Contaminated Oils and Solvents - - These on-site fluids are contained in bulk storage tanks and drums. The disposal contractor will sample and analyze the fluids as necessary.

PCB-Contaminated Water - - These waters will be stored in appropriate containers in preparation for treatment on-site.

Sludge - - Sludges are contained in the original shipping containers (drums) as received from the Respondents and/or other responsible parties. Containers will be inspected and sludge contained within the structurally

sound and unleaking drums will be prepared for shipment for disposal. Any leaking drums will be packed in over-pack structurally enclosed containers. Charcoal filter residues will be packed into appropriate drums (those specified in 40 C.F.R. Part 761) and prepared for shipment.

Miscellaneous Combustible Solids - - Miscellaneous combustible solids will be packaged in appropriate and structurally enclosed containers for shipment in accordance with 40 C.F.R. Part 761.

Miscellaneous Non-Combustible Solids - - Structurally enclosed containers holding these solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the solids will be landfilled in conformance with 40 C.F.R. § § 761.60(b)(5)(B) and 761.75.

Drums/Containers - - All drums/containers will be drained and compacted prior to shipment for disposal. Containers over 100 gallon capacity will not have to be compacted prior to shipment for disposal. Any of the preparation activities required by this paragraph #2, may vary upon approval by EPA if on-site disposal or treatment activities are utilized.

3. MOBILIZATION AND DISPOSAL OF PCBs AND PCB ITEMS

Following preparation of the wastes for transport to the ultimate disposal facility, the disposal contractor will transport and dispose of the identified wastes in accordance with legally relevant and applicable EPA policies.

Bulk Metals - - Transformers and containers holding transformer parts will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the transformers and transformer parts will be landfilled in conformance with 40 C.F.R. §§761.60(b)(1)(B) and 761.75. Other bulk metals as defined in paragraph #1 of this Statement of Work will be handled similarly.

Light Metals - - Containers holding capacitors, capacitor cores and capacitor parts will be loaded onto transports for shipment to an off-site TSCA-permitted incinerator where the capacitors, capacitor cores and parts as defined in paragraph #1 of this Statement of Work will be shredded, if necessary, and subsequently incinerated in conformance with 40 C.F.R. §§761.60(b)(2)(iii)(A) and 761.70(b).

PCB-Contaminated Water - - This water will be decontaminated of PCBs by activated carbon treatment or equivalent technique to levels approved by EPA. Spent, activated carbon or similar residues resulting from the treatment process will be transported to an incinerator and incinerated in conformance with 40 C.F.R. §§761.60(a)(3)(i) and 761.70(a). Any treated water discharged to waters of the United States will be in accordance with appropriate National Pollutant Discharge Elimination System (NPDES) standards.

PCB-Contaminated Oils and Solvents - - These fluids will be transferred to tank transports or other structurally enclosed containers for shipment to an off-site TSCA-permitted incinerator for incineration in conformance with 40 C.F.R. §§761(a)(1) and 761.70(a).

Sludge - - Containers holding sludge will be loaded onto transports for shipment to an off-site TSCA-permitted incinerator where the sludge will be incinerated in conformance with 40 C.F.R. §§761.70(a)(3)(i) and 761.70(a).

Miscellaneous Combustible Solids - - Containers holding miscellaneous combustible solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the solids will be landfilled in conformance with 40 C.F.R. §§761.60(b)(5)(B) and 761.75.

Miscellaneous Non-Combustible Solids - - Containers holding these solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the soils will be landfilled in conformance with 40 C.F.R. §§761.60(b)(5)(B) and 761.75.

Any of the above activities required by this paragraph #3, may vary upon approval by EPA if on-site disposal or treatment activities are utilized.

Drums/Containers - - All compacted empty drums and containers and other empty containers shall be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the drums/containers will be landfilled in conformance with 40 C.F.R. § § 761.(c)(i)(ii) and 761.75.

4. EXCAVATION OF SELECTED PCB-CONTAMINATED SOILS

Highly PCB-contaminated surface soils will be excavated. These soils will be excavated to industrial and other restricted access standards as specified in EPA's PCB Spill Cleanup Policy, dated April 2, 1987 (52 Fed. Reg. 10688 et seq.) These areas may require additional excavation during implementation of final remedial actions at the Holden facility.

5. WORK PLANS

Work plans will be developed by the Respondents' contractor(s) prior to the removal of any materials from the Holden facility. These plans are designed to guide the contractor(s) and the Respondents in safely and economically removing the wastes from the Holden facility in conformance with this Statement of Work. Plans will be submitted to the EPA for approval and comment. All plans described below must be approved by EPA prior to implementation of these plans by the Respondents. Interim work plans for specific removal measures may be submitted and/or approved prior to completion of the overall work plan.

The following work plans shall be developed for this Statement of Work:

a. Health and Safety: Before any waste preparation/removal work is performed at the Holden facility, the contractor shall prepare a site-specific Health and Safety Plan. The plan will include, at a minimum:

(i) a designation of areas of contamination, decontamination and project management;

(ii) types of protective clothing;

(iii) a description of safe working practices; and

(iv) contingency planning.

This plan will be consistent with any relevant guidance provided by the EPA documents, "Guidance for Remedial Investigations Under CERCLA," and "Standard Operating Safety Guides" (November 1984, revision) and with applicable NIOSH/OSHA guidelines.

b. Quality Assurance/Quality Control ("QA/QC"): Before any sampling, analytical work, record development or waste repackaging is performed pursuant to this Statement of Work, contractor will prepare a plan describing the measures to be taken to assure the quality of any sampling and analysis of materials, record keeping or waste repackaging at the Holden facility. These plans will be consistent with guidance provided by relevant EPA guidance doucments, such as "Guidance For Preparation of Combined Work/Quality Assurance Project Plans for Environmental Monitoring" (May 1984).

c. Sampling and Analysis: Contractor shall develop a plan describing procedures to be followed in performing the sampling/analysis work described in this Statement of Work. The plan shall describe the

location of the samples, type of sample, the methods of obtaining and storing the samples, chain-of-custody procedures and the manner by which the results will be reported. The laboratory or laboratories that will perform the analysis shall be identified and approved by EPA.

d. Removal Work Plan: The Respondents' contractor shall provide detailed instructions on the implementation of all phases of the preparation and removal actions covered by this Statement of Work. The Removal Work Plan will be developed in accordance with Article V.A.3. and specifically address each waste stream and subitems within each waste stream. This Work Plan will provide specific procedures for the preparation and disposal of each waste item.

e. Schedule Plan: Contractor shall develop a Critical Path Method ("CPM") schedule for waste preparation, mobilization and removal from the Holden facility. The schedule shall detail the movement of specific waste types from the Holden facility.

6. REPORTS, NOTIFICATIONS AND INSPECTIONS

EPA shall have the right to inspect and observe any work performed in accordance with this Statement of Work. Within twenty (20) work days after completion of all work set forth in this Statement of Work, Respondents shall submit in writing to EPA, certification of the completion of all activities called for by this Statement of Work. Accompanying this certification, the Respondents shall submit a final report which shall, at a minimum, include a detailed description of all work performed pursuant to this Statement of Work. On a monthly basis the Respondents' Executive or Project Coordinator or representative will report in writing to the EPA Project Coordinator on the activities for the past month and relate the anticipated activities for the

upcoming month. The monthly report is to be received by EPA no later than the 15th of the month following the end of the month being reported. On a weekly basis the on-scene representative for the Respondents at the Holden facility will provide EPA's Project Coordinator an oral report on the past week's activities and anticipated activities for the upcoming week. The weekly report shall be made on the first work day following the week being reported.

STATEMENT OF WORK

REMOVAL OF PCB WASTES

MARTHA C. ROSE CHEMICALS, INC., HOLDEN, MISSOURI

The Respondents, with the assistance of their contractor(s), will perform the following activities in connection with satisfying the requirements of this CONSENT ORDER negotiated between the Respondents and EPA. The objective of the Statement of Work is primarily the removal and disposal of PCB fluids and PCB-contaminated materials and items from the Martha C. Rose Chemicals, Inc. facility in Holden, Missouri (hereinafter, the "Holden Facility") and secondarily, excavation of selected high PCB concentration surface soils at the Holden facility. This Statement of Work does not address other work which may be required at the Holden facility in the future and is not intended to preclude on-site treatment if necessary and appropriate to implement the provisions of this Statement of Work in an expeditious manner. Excluded from this Statement of Work are PCB items and other PCB-contaminated materials identified in Article II. 17. and Article II.18.A. of this CONSENT ORDER which will be addressed in the RI/FS.

1. WASTES TO BE REMOVED

The wastes to be removed are those described herein. The wastes to be removed were sent to the Holden facility by Respondents and other responsible parties for the purpose of treating or processing for disposal or disposal, in accordance with the TSCA requirements at 40 C.F.R. Part 761.

In addition, wastes to be removed include PCB-contaminated items presently located at the Holden facility, contaminated as a result of activities at the facility.

The wastes which will be disposed of under this CONSENT ORDER are identified as follows:

Bulk Metals - - consist of all transformers, transformer cases and transformer parts (cores, bushings, parts, etc.) resulting from the dismantling of transformers, and includes bulk oil storage tank shells and all sheet metal, scrap steel plate, tools and hardware, engines and motors and processing equipment associated with the Martha C. Rose Chemicals, Inc. operation.

Light Metals - - consist of all capacitors, capacitor cores and other capacitor parts/components (metals, cases, etc.).

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Sludges - - consist of Respondent and other responsible party-sent sludges which are wet solids containing free liquids. Any charcoal filter residue that is generated on-site will be categorized as sludge for the purposes of this Statement of Work and will be included within the scope of this Statement of Work.

Miscellaneous Combustible Solids - - consist of liquid-free paper, rags, wood, pallets, absorbent pads, hoses, protective clothing and other similar solids. A portion of these solids became contaminated as a result of activity at the Holden facility.

TSCA COMPLIANCE PROGRAM POLICY No. 6-PCB-6

Allocation of Enforcement Liability for Violations of the One-Year Disposal Deadline for PCB Articles or PCB Containers

TSCA Section: 6(e)

Issue:

How does EPA allocate enforcement liability among persons who violate the requirement that PCB articles and PCB containers be disposed of within one-year after being placed into storage.

Policy:

EPA will allocate enforcement liability for a failure to dispose of PCB waste within one year after it is placed into storage between the generator and the ultimate disposal facility based on the contribution by either party to the violation. A generator delivering PCB waste to a disposal facility later than 90 days before the end of the one-year disposal deadline will be held liable if the disposal facility can not dispose of the waste in time. A disposal facility receiving PCB waste later than 90 days before the end of the one-year deadline will not be held liable if the PCB waste is disposed of within 90 days.

Discussion:

Section 40 CFR 761.65(a) limits storage of PCBs designated for disposal to one year. This requirement also states that "any PCB Article or PCB Container stored for disposal before January 1, 1983, shall be removed from storage and disposed of...before January 1, 1984. Any PCB Article or PCB Container stored for disposal after January 1, 1983, shall be removed from storage and disposed of...within one year from the date it was first placed into storage."

The one-year time limit is intended to insure prompt disposal of PCBs removed from service. However, the requirement does not preclude some waste generators or intermediate waste handlers from storing the waste for long periods of time (up to 12 months) before releasing it for ultimate disposal. As a result, facilities which receive the waste for ultimate disposal may not have sufficient time to dispose of the waste within the one-year time limit.

EPA will allow facilities receiving waste a year after being put into storage by the generator an additional 90 days after receipt to dispose of the wastes without incurring enforcement liability. Because representatives of the two approved, landbased commercial incinerators have provided technical data showing that PCB waste is disposed of within 90 days after receipt by the facility, EPA

has determined that ninety days is sufficient lead-time for the disposer to receive and dispose of PCB waste. Therefore, if a generator delivers waste to a disposal facility with ninety days or more remaining in the one-year deadline, the disposer is responsible for destroying the material before the deadline. The liability shifts to the generator if the material is delivered to the disposal facility with less than ninety days remaining in the one-year allowed for disposal after storage. The disposer, however, will share in the liability if he does not dispose of the waste within ninety days from the date it is received at the disposal facility.

EPA will utilize the scale below to allocate liability between the generator and disposer.

	WHEN DELIVERED TO DISPOSER	WHEN DISPOSED	LIABILITY	
			GENERATOR	DISPOSER
I	more than 90 days before 1 yr. deadline	after 1 yr. deadline	none	entire penalty
II	90 days before 1 yr.	within 1 yr.	none	none
III	60 days before 1 yr.	1 mo. late	1/3 penalty	none
IV	30 days before 1 yr.	60 days late	2/3 penalty	none
V	last day	3 mos. late	entire penalty	none
VI	after 1 yr.	within 90 days of receipt	entire penalty	none
VII	after 1 yr.	after 90 days of receipt	entire penalty	entire penalty

See Also: TSCA Compliance Program Policy 6-PCB-7.

References:

Key Words:

PCBs, ultimate disposal facility, disposal deadline.

A. E. Conroy II

A. E. Conroy II, Director
Compliance Monitoring Staff
Office of Pesticides and Toxic Substances

8-16-83
Date

Miscellaneous Non-Combustible Solids - - consist of liquid-free oil dry, insulators, drummed soil and limited quantities of high PCB concentration surface soils resulting from cleanup of selected surface soils at the Holden facility.

Drum/Containers - - consist of empty drums/containers which are found at the Holden facility and those empty drums/containers generated as a result of cleanup activity at the Holden facility.

2. PREPARATION OF WASTES FOR REMOVAL

Before these wastes are transported from the Holden facility for disposal, each transformer and waste container must be inspected and prepared for shipment. All PCB items and other materials shall be marked in accordance with Subpart C of 40 C.F.R. Part 761 prior to removal from the Holden facility. The inspection and waste preparation shall be conducted as follows:

Bulk Metals - - Transformers and associated bushings will be drained and flushed according to 40 C.F.R. §761.60(b)(1)(B) and prepared for final shipment. Transformer parts will be packaged for shipment in an appropriate and structurally enclosed manner in accordance with 40 C.F.R. Part 761. Other bulk metals as defined in paragraph #1 of this Statement of Work will be handled by similar appropriate means.

Light Metals - - The majority of intact capacitors which remain on-site are contained in the original shipping containers as received from the waste generator. These containers will be inspected by the waste disposal contractor to verify the structural integrity of each container. All sound containers holding intact capacitors will be mobilized for transport with the capacitors contained within. Unsound containers will be either over-packed or unpacked in which case the capacitors will be

repacked in an appropriate structurally enclosed manner and then prepared for shipment in accordance with 40 C.F.R. Part 761. Leaking capacitors will remain in their original shipping drums unless the drums are leaking, in which case the contained capacitors will be repacked in an appropriate and structurally enclosed manner and then prepared for shipment in accordance with 40 C.F.R. Part 761. Capacitor cores which are now stored in the "baghouse" container and core-room will be removed and placed into appropriate and structurally enclosed containers for shipment in accordance with 40 C.F.R. Part 761. These containers will then be prepared for final transport. Capacitor parts are presently contained in boxes (metal and wood). These boxes will be inspected to verify the structural integrity of each box. All sound containers holding these capacitor parts in a structurally enclosed manner will be mobilized for transport in accordance with 40 C.F.R. Part 761. Unsound containers will be unpacked and the capacitor parts will be repacked in appropriate and structurally enclosed containers and prepared for shipment in accordance to 40 C.F.R. Part 761. Other light metals will be placed in appropriate and structurally enclosed containers for shipment.

PCB-Contaminated Oils and Solvents - - These on-site fluids are contained in bulk storage tanks and drums. The disposal contractor will sample and analyze the fluids as necessary.

PCB-Contaminated Water - - These waters will be stored in appropriate containers in preparation for treatment on-site.

Sludge - - Sludges are contained in the original shipping containers (drums) as received from the Respondents and/or other responsible parties. Containers will be inspected and sludge contained within the structurally

sound and unleaking drums will be prepared for shipment for disposal. Any leaking drums will be packed in over-pack structurally enclosed containers. Charcoal filter residues will be packed into appropriate drums (those specified in 40 C.F.R. Part 761) and prepared for shipment.

Miscellaneous Combustible Solids - - Miscellaneous combustible solids will be packaged in appropriate and structurally enclosed containers for shipment in accordance with 40 C.F.R. Part 761.

Miscellaneous Non-Combustible Solids - - Structurally enclosed containers holding these solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the solids will be landfilled in conformance with 40 C.F.R. § § 761.60(b)(5)(B) and 761.75.

Drums/Containers - - All drums/containers will be drained and compacted prior to shipment for disposal. Containers over 100 gallon capacity will not have to be compacted prior to shipment for disposal. Any of the preparation activities required by this paragraph #2, may vary upon approval by EPA if on-site disposal or treatment activities are utilized.

3. MOBILIZATION AND DISPOSAL OF PCBs AND PCB ITEMS

Following preparation of the wastes for transport to the ultimate disposal facility, the disposal contractor will transport and dispose of the identified wastes in accordance with legally relevant and applicable EPA policies.

Bulk Metals - - Transformers and containers holding transformer parts will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the transformers and transformer parts will be landfilled in conformance with 40 C.F.R. §§761.60(b)(1)(B) and 761.75. Other bulk metals as defined in paragraph #1 of this Statement of Work will be handled similarly.

Light Metals - - Containers holding capacitors, capacitor cores and capacitor parts will be loaded onto transports for shipment to an off-site TSCA-permitted incinerator where the capacitors, capacitor cores and parts as defined in paragraph #1 of this Statement of Work will be shredded, if necessary, and subsequently incinerated in conformance with 40 C.F.R. §§761.60(b)(2)(iii)(A) and 761.70(b).

PCB-Contaminated Water - - This water will be decontaminated of PCBs by activated carbon treatment or equivalent technique to levels approved by EPA. Spent, activated carbon or similar residues resulting from the treatment process will be transported to an incinerator and incinerated in conformance with 40 C.F.R. §§761.60(a)(3)(i) and 761.70(a). Any treated water discharged to waters of the United States will be in accordance with appropriate National Pollutant Discharge Elimination System (NPDES) standards.

PCB-Contaminated Oils and Solvents - - These fluids will be transferred to tank transports or other structurally enclosed containers for shipment to an off-site TSCA-permitted incinerator for incineration in conformance with 40 C.F.R. §§761(a)(1) and 761.70(a).

Sludge - - Containers holding sludge will be loaded onto transports for shipment to an off-site TSCA-permitted incinerator where the sludge will be incinerated in conformance with 40 C.F.R. §§761.70(a)(3)(i) and 761.70(a).

Miscellaneous Combustible Solids - - Containers holding miscellaneous combustible solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the solids will be landfilled in conformance with 40 C.F.R. §§761.60(b)(5)(B) and 761.75.

Miscellaneous Non-Combustible Solids - - Containers holding these solids will be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the soils will be landfilled in conformance with 40 C.F.R. §§761.60(b)(5)(B) and 761.75.

Any of the above activities required by this paragraph #3, may vary upon approval by EPA if on-site disposal or treatment activities are utilized.

Drums/Containers - - All compacted empty drums and containers and other empty containers shall be loaded onto transports for shipment to an off-site TSCA-permitted landfill where the drums/containers will be landfilled in conformance with 40 C.F.R. § § 761.(c)(i)(ii) and 761.75.

4. EXCAVATION OF SELECTED PCB-CONTAMINATED SOILS

Highly PCB-contaminated surface soils will be excavated. These soils will be excavated to industrial and other restricted access standards as specified in EPA's PCB Spill Cleanup Policy, dated April 2, 1987 (52 Fed. Reg. 10688 et seq.) These areas may require additional excavation during implementation of final remedial actions at the Holden facility.

5. WORK PLANS

Work plans will be developed by the Respondents' contractor(s) prior to the removal of any materials from the Holden facility. These plans are designed to guide the contractor(s) and the Respondents in safely and economically removing the wastes from the Holden facility in conformance with this Statement of Work. Plans will be submitted to the EPA for approval and comment. All plans described below must be approved by EPA prior to implementation of these plans by the Respondents. Interim work plans for specific removal measures may be submitted and/or approved prior to completion of the overall work plan.

The following work plans shall be developed for this Statement of Work:

a. Health and Safety: Before any waste preparation/removal work is performed at the Holden facility, the contractor shall prepare a site-specific Health and Safety Plan. The plan will include, at a minimum:

(i) a designation of areas of contamination, decontamination and project management;

(ii) types of protective clothing;

(iii) a description of safe working practices; and

(iv) contingency planning.

This plan will be consistent with any relevant guidance provided by the EPA documents, "Guidance for Remedial Investigations Under CERCLA," and "Standard Operating Safety Guides" (November 1984, revision) and with applicable NIOSH/OSHA guidelines.

b. Quality Assurance/Quality Control ("QA/QC"): Before any sampling, analytical work, record development or waste repackaging is performed pursuant to this Statement of Work, contractor will prepare a plan describing the measures to be taken to assure the quality of any sampling and analysis of materials, record keeping or waste repackaging at the Holden facility. These plans will be consistent with guidance provided by relevant EPA guidance doucments, such as "Guidance For Preparation of Combined Work/Quality Assurance Project Plans for Environmental Monitoring" (May 1984).

c. Sampling and Analysis: Contractor shall develop a plan describing procedures to be followed in performing the sampling/analysis work described in this Statement of Work. The plan shall describe the

location of the samples, type of sample, the methods of obtaining and storing the samples, chain-of-custody procedures and the manner by which the results will be reported. The laboratory or laboratories that will perform the analysis shall be identified and approved by EPA.

d. Removal Work Plan: The Respondents' contractor shall provide detailed instructions on the implementation of all phases of the preparation and removal actions covered by this Statement of Work. The Removal Work Plan will be developed in accordance with Article V.A.3. and specifically address each waste stream and subitems within each waste stream. This Work Plan will provide specific procedures for the preparation and disposal of each waste item.

e. Schedule Plan: Contractor shall develop a Critical Path Method ("CPM") schedule for waste preparation, mobilization and removal from the Holden facility. The schedule shall detail the movement of specific waste types from the Holden facility.

6. REPORTS, NOTIFICATIONS AND INSPECTIONS

EPA shall have the right to inspect and observe any work performed in accordance with this Statement of Work. Within twenty (20) work days after completion of all work set forth in this Statement of Work, Respondents shall submit in writing to EPA, certification of the completion of all activities called for by this Statement of Work. Accompanying this certification, the Respondents shall submit a final report which shall, at a minimum, include a detailed description of all work performed pursuant to this Statement of Work. On a monthly basis the Respondents' Executive or Project Coordinator or representative will report in writing to the EPA Project Coordinator on the activities for the past month and relate the anticipated activities for the

upcoming month. The monthly report is to be received by EPA no later than the 15th of the month following the end of the month being reported. On a weekly basis the on-scene representative for the Respondents at the Holden facility will provide EPA's Project Coordinator an oral report on the past week's activities and anticipated activities for the upcoming week. The weekly report shall be made on the first work day following the week being reported.

Billings

COST SUMMARY DATE: 04/26/90
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: / /

(Analysis Time Frame: 10/01/85 to 09/30/87)

EPA EXPENDITURES

REGIONAL PAYROLL EXPENSES	$ 17194.98
REGIONAL TRAVEL EXPENSES	396.07
REGIONAL INDIRECT COST	59079.00

EMERGENCY REMOVAL CLEANUP (ERC) SERVICES CONTRACT

- ENVIRONMENTAL EMERGENCY SERVICES, CO. (68-01-6860)	42850.91

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

- ROY F. WESTON (68-01-6669)	2334.50
- ECOLOGY AND ENVIRONMENT (68-01-7368)	1099.84
TOTAL EPA EXPENDITURES	122955.30

COST SUMMARY DATE: 04/26/90
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/85 To 09/30/87

EMERGENCY REMOVAL CLEANUP (ERC) CONTRACT

CONTRACTOR: ENVIRONMENTAL EMERGENCY SERVICES, CO.

CONTRACT NO: 68-01-6860

DELIVERY ORDER NUMBER:

DATES OF SERVICE: FROM: / / TO: / /

PROJECT OFFICER:

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 42850.91

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
1	06/24/86	97511.76	07010	11/05/86	4800.50
2	08/01/84	6060.80	07018	12/08/86	6699.50
2	08/01/84	6060.80	07018	12/08/86	11857.18
3	01/31/86	9102.02	07024	01/05/87	1317.08
4	04/11/85	67260.47	07030	01/30/87	5341.26
5	08/06/86	42116.78	08536	08/10/87	12835.39

COST SUMMARY DATE: 04/26/90
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/85 To 09/30/87

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ROY F. WESTON

CONTRACT NO: 68-01-6669

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 2334.50

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
66	10/31/86	1357794.29	R7018	12/10/86	1680.04
67	11/26/86	1220366.52	R7340	01/06/87	168.57
68	01/05/87	1476500.71	R7030	02/03/87	280.02
69	01/30/87	1149077.29	R7037	03/05/87	200.87
70	03/02/87	514524.90	R8505	06/10/87	5.00

COST SUMMARY DATE: 04/26/90
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/85 To 09/30/87

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ECOLOGY AND ENVIRONMENT

CONTRACT NO: 68-01-7368

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 1099.84

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
7	06/01/87	827761.31	R8522	07/14/87	913.57
12	07/16/87	104190.37	R8533	08/25/87	182.90
14	08/14/87	71271.73	R8544	09/28/87	3.37

COST SUMMARY DATE: 04/26/90
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: / /
Cost Data From Pay Period 01 Of FY 86 Through Pay Period 27 of FY 87

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
BROWN, HAROLD G.	87-01	7.00	174.11
	SUBTOTAL	7.00	174.11
BUNN, WILLIAM W.	86-25	3.00	62.45
	86-26	4.00	83.27
	87-01	8.00	166.54
	87-02	7.00	145.72
	87-06	2.00	42.94
	87-07	3.00	64.41
	SUBTOTAL	27.00	565.33
CROSSLAND, ROY J.	87-12	4.00	49.82
	SUBTOTAL	4.00	49.82
EVANS, BARRY W.	87-08	2.00	16.93
	87-14	8.00	65.02
	87-15	15.00	121.91
	SUBTOTAL	25.00	203.86
HAAS, BERNARD, JR.	86-25	2.00	29.95
	SUBTOTAL	2.00	29.95
HESS, GEORGE K.	87-01	79.50	1425.50
	87-02	53.50	967.24
	87-03	34.00	613.68
	87-04	48.00	861.93
	87-05	50.00	897.88

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
HESS, GEORGE K. (Continued)			
	87-06	48.00	861.93
	87-07	14.00	253.52
	87-08	12.00	239.58
	87-09	12.00	240.94
	87-10	17.00	339.43
	87-11	35.00	698.84
	87-12	20.00	399.34
	87-13	24.00	479.20
	87-14	30.00	591.91
	87-15	8.00	171.11
	87-16	18.00	384.16
	87-19	6.00	128.43
	87-20	24.00	509.16
	87-22	3.00	70.58
	87-23	33.00	776.46
	87-24	11.00	258.83
	87-25	12.00	283.79
	SUBTOTAL	592.00	11453.44
JACKSON, BERIA C.	86-25	2.00	26.50
	86-26	3.00	32.32
	87-01	3.00	32.33
	87-04	4.00	42.92
	87-09	8.00	112.04
	87-10	6.00	84.04
	87-14	13.00	182.06
	87-15	3.00	43.31
	SUBTOTAL	42.00	555.52
LUCKET, BEULAH M.	87-15	8.00	68.33
	SUBTOTAL	8.00	68.33
MARCHIN, LAWRENCE M.	87-10	1.00	15.73

MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: / /
Cost Data From Pay Period 01 Of FY 86 Through Pay Period 27 of FY 87

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
MARCHIN, LAWRENCE M. (Continued)			
	SUBTOTAL	1.00	15.73
MCCULLERS, RUBEN B.	87-01	34.00	793.76
	87-03	9.00	173.60
	87-04	6.00	114.48
	87-08	9.00	174.29
	SUBTOTAL	58.00	1256.13
MOREY, DEBRA A.	87-01	2.00	36.43
	SUBTOTAL	2.00	36.43
ROBERDES, SUZANNE	86-26	15.00	191.08
	86-27	1.00	12.76
	87-01	14.50	205.84
	87-02	45.00	573.27
	87-03	2.00	25.48
	87-04	3.00	38.21
	87-05	14.00	178.34
	87-10	20.50	278.51
	87-15	3.50	47.55
	87-17	6.00	81.50
	SUBTOTAL	124.50	1632.54
RODRIGUEZ, IRINO R.	87-02	34.00	471.93
	87-05	11.00	129.16
	87-15	12.00	149.76
	SUBTOTAL	57.00	750.85
SANDIFER, DONALD E	87-06	9.00	185.45

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
SANDIFER, DONALD E (Continued)			
	87-08	8.00	173.41
	SUBTOTAL	17.00	358.86
SIMMONS, DELORES M.	87-02	0.50	4.49
	SUBTOTAL	0.50	4.49
YUE, KENNETH T.	87-14	2.00	39.59
	SUBTOTAL	2.00	39.59
TOTAL EPA REGIONAL PAYROLL:		969.00	17194.98

COST SUMMARY DATE: 04/26/90
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/85 Through 09/30/87

EPA TRAVEL - REGIONAL

DOCUMENTATION: Copies of Travel Authorizations, Travel Vouchers and Treasury Schedules

EMPLOYEE NAME	FISCAL YEAR	TRAVEL AUTHORIZATION NO.	AMOUNT	PAID TREASURY SCHEDULE NUMBER AND TRANSACTION DATE	
		OK	10/8	10/10	10/14
HESS, GEORGE K.	87	000T295746	37.50	AS708	10/25/86
		SUBTOTAL $	37.50		~~10/8 - 10/14/86~~
MCCULLERS, RUBEN B.	87	000T177880	50.00	AS798	06/11/87
		0TRT252001	198.00	AS72B	07/21/87
		000T252001	110.57	AS72B	07/21/87
		SUBTOTAL $	358.57		
		TOTAL EPA REGIONAL TRAVEL $	396.07		

SUMMARY OF INDIRECT COSTS FOR MARTHA C. ROSE CHEMICAL (SSID: 7 8D)
DATE: 04/26/90
Data From Pay Period 01 Of FY 86 Through Pay Period 27 Of FY 87

	Total Direct Hours	x Rate($)	= Subtotal($)
FY 1986	30.00	60	1800.00
FY 1987	939.00	61	57279.00
	TOTAL INDIRECT COSTS TO CLAIM IN COST RECOVERY:		59079.00

INDIRECT COSTS REPORT FOR MARIHA C. ROSE CHEMICAL (SSID: 7 8D)
DATE: 04/26/90

Data From Pay Period 01 Of FY 86 To Pay Period 27 Of FY 87

FISCAL YEAR	EMPLOYEE NAME	AH RC	NUMBER OF HOURS ATTRIBUTED TO SITE WORK	INDIRECT COSTS RATE ($)	INDIRECT COSTS ($)
86	BUNN, WILLIAM W.	07M	7.00		
	HAAS, BERNARD, JR.	07M	2.00		
	JACKSON, BERLA C.	07M	5.00		
	ROBERDES, SUZANNE	07M	16.00		
		SUBTOTAL	30.00	60	1800.00
87	BROWN, HAROLD G.	07M	7.00		
	BUNN, WILLIAM W.	07M	20.00		
	CROSSLAND, ROY J.	07M	4.00		
	EVANS, BARRY W.	07M	25.00		
	HESS, GEORGE K.	07M	592.00		
	JACKSON, BERLA C.	07M	37.00		
	LUCKET, BEULAH M.	07M	8.00		
	MARCHIN, LAWRENCE M.	07M	1.00		
	MCCULLERS, RUBEN B.	07W	58.00		
	MOREY, DEBRA A.	07M	2.00		
	ROBERDES, SUZANNE	07M	108.50		
	RODRIGUEZ, IRINO R.	07M	57.00		
	SANDIFER, DONALD E	07M	17.00		
	SIMMONS, DELORES M.	07M	0.50		
	YUE, KENNETH T.	07M	2.00		
		SUBTOTAL	939.00	61	57279.00
	TOTAL HOURS AND INDIRECT COSTS		969.00		59079.00

#	~~# Dates~~	Amt	Purpose
68016860	7/86-2/87	55843	Security Service
Watson TAT	7/86	6156	" "
" TAT	9/86	5209	Monitoring Site Conditions
" TAT	11/86	101	Preparation of samples
" TAT	11/86	942	Collecting Samples
" TAT	1/87	?	Prep Samples
" "	1/86	591	Overnight
" "	7/86	1146	Response
" "	1/87	?	Site Visit
Total Watson		14145	
68017368	11/87-12/87	2260.24	Prep of samples
"	1/89-2/89	5592.58	Obtaining documents
"	1/88-5/88	25975.07	PRP record for site
"	3/88-9/88	2718.87	Coordinate photos w/ FBI
"	2/89-6/89	28047.63	Analyze samples
"	10/87-9/88	5812.19	Establishing PCB concentration in Woburn
"	4/87-6/87	2970.00	Contractor overview
"	11/87-1/88	60156.57	Removal
"	11/87-2/88	3139.73	Analyze samples

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /

EPA EXPENDITURES

REGIONAL PAYROLL EXPENSES	$ 335220.93
REGIONAL TRAVEL EXPENSES	1616.38
EPA INDIRECT COST	547321.40
HEADQUARTERS PAYROLL EXPENSES	2606.12
HEADQUARTERS TRAVEL EXPENSES	643.14

CONTRACT LAB PROGRAMS (CLP)

- ENSECO/ROCKY MOUNTAIN ANALY. (RMAL) (68-01-7083)	5896.26

EMERGENCY REMOVAL CLEANUP (ERC) SERVICES CONTRACT

- ENVIRONMENTAL EMERGENCY SERVICES, CO. (68-01-6860)	42850.91

ENVIRONMENTAL RESPONSE UNIT (ERU) CONTRACT

- ROY F. WESTON (68-03-3482)	5662.10

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT) CONTRACT

- ICF (68-01-7456)	263.55

INTERAGENCY AGREEMENTS (IAG)

- DEPARTMENT OF JUSTICE (DW15240101)	16253.12
- DEPARTMENT OF JUSTICE (DW15341501)	1325.65

MISCELLANEOUS EXPENDITURES (MIS)

- (0U9800NBLX)	55.67
- (7K0360NNSA)	330.90
- (7K0368NASA)	974.00
- (7K0460NASA)	2820.00
- (7K0536NASA)	569.00
- (7K0564NBSX)	2750.61

-	(8K0564NBSX)	304.00
-	(8K0949NNSA)	148.20
-	(9K0537YDSA)	330.60
-	(DW15365401)	2994.19
-	(DW15469901)	428.24
-	(JN880095)	108.85
-	(JU880101)	174.19
-	(T263202)	3.93

EPA EXPENDITURES

NATIONAL ENFORCEMENT INVESTIGATION (NEI) CENTER EXPENSES

- TECHLAW-CONTRACT EVIDENCE AUDIT TEAM (68-01-7369)..... 80876.77

OVERFLIGHT (OVR) CONTRACT

- EMS - LOCKHEED 3000.00

REMEDIAL (REM) CONTRACT

- CH2M HILL (68-01-7251)..... 415284.87

STATE COOPERATIVE AGREEMENTS (SCA)

- (732101)..... 3067.00

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

- ROY F. WESTON (68-01-6669)..... 2334.50
- ECOLOGY AND ENVIRONMENT (68-01-7368)..... 96067.18

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

- PLANNING RESEARCH CORPORATION (68-W9-0006)..... 1934.03
- METCALF & EDDY (68-W9-0007)..... 17559.79

TOTAL EPA EXPENDITURES..... 1591776.08

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
ANDERSON, JOHN C.	87	11	07H	1.00	19.41
SUPERVISORY BUDGET ANALYST	87	24	07H	3.00	58.24
	90	03	07H	3.00	72.11
				7.00	149.76
BAILEY, CARL ARTHUR	88	06	07M	32.00	693.51
ENVIRONMENTAL SCIENTIST	88	14	07M	8.00	178.46
	88	15	07M	2.00	44.62
				42.00	916.59
BATES, DALE I.	87	22	07M	4.00	88.83
SUPV ENVIRONMENTAL PROTECTION	87	24	07M	2.00	44.41
SPECI	88	06	07M	7.00	155.46
	88	10	07M	2.00	45.74
	88	11	07M	2.00	45.74
				17.00	380.18
BENNETT, HELEN G.	86	24	07M	4.00	32.83
SECRETARY (TYPING)					
				4.00	32.83
BIRKIE, BROOKE K.	87	19	07D	3.50	33.04
	87	20	07D	0.50	4.71
	87	22	07D	1.50	14.19
				5.50	51.94
BLOMGREN, CARL V.	87	20	07W	1.00	34.24
ENVIRONMENTAL ENGINEER	87	26	07W	1.00	33.78
	89	02	07W	1.00	34.33
	89	13	07W	2.00	71.17
	89	14	07W	1.00	35.57
				6.00	209.09
BOLDING, NORMA J.	89	21	07D	20.70	281.54
PARALEGAL SPECIALIST	89	22	07D	19.00	257.79
				39.70	539.33
BROWN, HAROLD G.	87	01	07M	7.00	174.11

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
BROWN, HAROLD G.	87	15	07M	4.00	104.21
CHEMIST	87	20	07M	21.00	547.07
	87	21	07M	3.00	78.16
				35.00	903.55
BRUNE, DOUGLAS J.	88	09	07M	2.00	23.62
ENVIRONMENTAL ENGINEER	88	10	07M	1.00	11.82
	88	11	07M	5.00	59.07
	89	06	07M	2.00	30.19
	89	07	07M	5.00	75.50
				15.00	200.20
BUNN, WILLIAM W.	86	25	07M	3.00	62.45
ENVIRONMENTAL SCIENTIST	86	26	07M	4.00	83.27
	87	01	07M	8.00	166.54
	87	02	07M	7.00	145.72
	87	06	07M	2.00	42.94
	87	07	07M	3.00	64.41
	87	19	07M	1.00	21.81
	88	08	07M	7.00	161.18
	88	09	07M	9.00	207.24
	89	09	07M	8.00	195.19
	89	10	07M	3.00	73.20
	89	12	07M	2.00	48.80
	89	13	07M	10.00	243.99
	89	14	07M	1.00	24.40
				68.00	1541.14
CALOW, MARION S.	90	23	07K	1.00	22.04
ENVIRONMENTAL ENGINEER					
				1.00	22.04
CASTOR, MALCOLM O.	86	23	07M	8.00	144.89
ENVIRONMENTAL SCIE	86	24	07M	3.00	55.51
				11.00	200.40
CLARK, MARY L.	88	01	07H	2.00	30.19
OPERATING ACCOUNTANT					
				2.00	30.19

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
CRANK, JEAN A.	86	20	07D	1.00	12.35
SECRETARY (STENOGRAPHY)	86	23	07D	5.00	61.75
	87	02	07D	5.50	72.39
	87	10	07D	1.00	12.78
	87	12	07D	0.50	6.44
	87	21	07D	1.00	12.80
	87	25	07D	3.00	38.44
	88	02	07D	1.00	12.78
	88	07	07D	2.00	25.55
	88	13	07D	1.70	26.23
	88	15	07D	1.00	13.12
	91	03	07D	2.00	28.52
				24.70	323.15
CROSSLAND, ROY J.	87	10	07M	8.00	99.67
ENVIRONMENTAL PROTECTION	87	12	07M	4.00	49.82
SPECIALIST	87	16	07M	8.00	99.67
				20.00	249.16
CROSSLAND, STEFFANIE G.	90	17	07M	2.00	20.22
CHEMIST					
				2.00	20.22
DEIHL, TRUDY	89	13	07M	8.00	152.14
CHEMIST					
				8.00	152.14
EASLEY, DIANE M.	87	16	07M	16.00	309.87
ENVIRONMENTAL SCIENTIST	87	21	07M	4.00	77.47
	87	24	07M	3.00	58.11
	88	06	07M	6.00	116.20
	89	02	07M	7.00	139.71
	89	09	07M	8.00	172.89
	89	10	07M	6.00	129.66
	89	12	07M	4.00	86.44
	89	13	07M	2.00	43.22
	89	14	07M	1.00	21.60
				57.00	1155.17
EVANS, BARRY W.	86	17	07M	6.00	43.68

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
EVANS, BARRY W.	87	08	07M	4.00	33.86
CHEMIST	87	14	07M	8.00	65.02
	87	15	07M	15.00	121.91
				33.00	264.47
FARNAN, MEREDITH A.	87	09	07D	29.50	362.03
PARALEGAL SPECIALIST	87	16	07D	10.80	144.69
	87	17	07D	11.00	152.21
	87	18	07D	23.00	338.80
	87	19	07D	4.00	58.08
	87	20	07D	15.00	217.79
	87	22	07D	17.50	254.11
	87	25	07D	4.00	45.08
	88	03	07D	17.00	250.42
	88	04	07D	5.20	76.23
	89	15	07D	23.00	298.85
	89	17	07D	9.00	116.94
	89	18	07D	10.00	134.06
	89	21	07D	2.00	31.18
				181.00	2480.47
FRANCE-ISETTS, PAULETTA	86	23	07W	9.50	171.58
ENVIRONMENTAL ENGINEER					
				9.50	171.58
FULTON, JAMES B.	86	23	07M	14.00	99.60
STUDENT TRAINEE (C	87	03	07M	4.00	28.13
				18.00	127.73
GREATHOUSE, PHILLIP	87	19	07M	30.00	232.31
	87	22	07M	2.00	15.49
	87	23	07M	6.00	52.08
				38.00	299.88
GREEN, FLORENCE	87	04	07W	6.00	84.20
SECRETARY (STENOGRAPHY)	87	05	07W	1.00	10.65
				7.00	94.85
GREENALL, ROBERT L.	89	13	07M	2.00	44.41

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
SUPERVISORY CHEMIST					
				2.00	44.41
HAAS, BERNARD, JR. CHEMIST	86	25	07M	2.00	29.95
				2.00	29.95
HESS, GEORGE K. ENVIRONMENTAL SCIENTIST	86	17	07M	44.00	677.56
	86	18	07M	25.00	389.24
	86	18	07M	9.00	140.12
	86	20	07M	6.00	93.42
	86	21	07M	4.00	62.26
	86	23	07M	8.00	144.15
	86	24	07M	58.00	1044.24
	86	25	07M	67.00	1204.84
	86	26	07M	52.00	933.76
	86	27	07M	15.00	272.14
	87	01	07M	79.50	1425.50
	87	02	07M	53.50	967.24
	87	03	07M	34.00	613.68
	87	04	07M	48.00	861.93
	87	05	07M	50.00	897.88
	87	06	07M	48.00	861.93
	87	07	07M	14.00	253.52
	87	08	07M	12.00	239.58
	87	09	07M	12.00	240.94
	87	10	07M	17.00	339.43
	87	11	07M	35.00	698.84
	87	12	07M	20.00	399.34
	87	13	07M	24.00	479.20
	87	14	07M	30.00	591.91
	87	15	07M	8.00	171.11
	87	16	07M	18.00	384.16
	87	19	07M	6.00	128.43
	87	20	07M	24.00	509.16
	87	22	07M	3.00	70.58
	87	23	07M	33.00	776.46
	87	24	07M	11.00	258.83
	87	25	07M	12.00	283.79
	88	02	07M	9.00	208.07
	88	03	07M	38.00	878.45
	88	04	07M	50.00	1126.24
	88	05	07M	87.00	1944.12
	88	06	07M	49.00	1132.75

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
HESS, GEORGE K.	88	07	07M	38.00	883.35
	88	08	07M	25.00	594.39
	88	09	07M	15.00	358.63
	88	10	07M	37.00	884.61
	88	11	07M	7.00	168.31
	88	12	07M	9.00	215.18
	88	14	07M	14.00	334.73
	88	15	07M	6.00	143.46
	88	17	07M	3.00	71.72
	88	20	07M	4.00	95.64
	88	23	07M	8.00	198.10
	88	24	07M	14.00	344.04
	90	17	07M	8.00	236.57
				1301.00	26233.53
HOOPES, GAYLE LEGAL INTERN	90	18	07D	1.00	10.42
				1.00	10.42
HUDSON, JODY L. SUPERVISORY ENVIRONMENTAL SCIENTIST	87	25	07M	13.00	228.37
	88	10	07M	13.00	239.96
				26.00	468.33
HUNT, VIOLET M. SECRETARY (TYPING)	90	08	07W	1.00	11.02
	90	13	07W	0.50	5.71
	90	15	07W	1.50	17.21
	90	22	07W	2.00	23.63
	91	06	07W	3.50	41.35
	91	07	07W	1.00	11.81
				9.50	110.73
JACKSON, BERLA C. CHEMIST	86	17	07M	16.00	166.35
	86	23	07M	15.00	160.92
	86	25	07M	2.00	26.50
	86	26	07M	3.00	32.32
	87	01	07M	3.00	32.33
	87	02	07M	3.00	32.17
	87	03	07M	5.00	53.64
	87	04	07M	4.00	42.92
	87	09	07M	8.00	112.04
	87	10	07M	6.00	84.04

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
JACKSON, BERLA C.	87	14	07M	13.00	182.06
	87	15	07M	22.00	317.57
	87	16	07M	5.00	72.17
	87	17	07M	8.00	115.48
	87	19	07M	44.00	654.68
	87	21	07M	8.00	114.45
	87	23	07M	8.00	115.37
				173.00	2315.01
JUSTIS, PATRICIA K.	87	04	07W	5.00	53.95
CLERK (TYPING)	87	05	07W	4.80	51.25
	87	16	07W	1.00	12.33
				10.80	117.53
KERSBERGEN, DONNA G.	88	01	07H	0.20	3.16
OPERATING ACCOUNTANT	89	09	07H	3.50	65.10
	90	07	07H	1.00	19.18
				4.70	87.44
KING, RONALD E.	89	18	07W	0.50	12.38
SUPERVISORY ENVIRONMENTAL	90	09	07W	0.50	13.07
ENGINEER	90	10	07W	5.50	143.68
	90	11	07W	0.50	13.07
	90	22	07W	2.00	52.24
	90	23	07W	1.00	26.13
	90	25	07W	0.20	6.54
	90	26	07W	0.50	13.07
	91	01	07W	0.70	19.61
	91	02	07W	4.00	104.49
	91	03	07W	2.20	58.79
	91	04	07W	5.00	134.29
	91	05	07W	1.20	33.59
	91	06	07W	0.70	20.16
	91	10	07W	1.50	42.12
				26.00	693.23
KINSER, STEVEN E.	86	16	07W	7.00	139.85
ENVIRONMENTAL ENGINEER (RPM)	86	17	07W	10.00	195.30
	86	18	07W	20.00	392.67
	86	18	07W	3.00	61.26
	86	19	07W	4.00	78.53

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
KINSER, STEVEN E.	86	20	07W	8.00	163.32
	86	21	07W	11.00	221.52
	86	22	07W	29.00	570.03
	86	24	07W	25.00	494.71
	86	25	07W	14.00	285.80
	86	26	07W	19.00	387.64
	86	27	07W	5.00	98.85
	87	01	07W	16.50	333.37
	87	02	07W	33.00	689.39
	87	03	07W	11.00	230.21
	87	04	07W	10.50	219.75
	87	05	07W	4.50	94.16
	87	06	07W	52.50	1052.86
	87	07	07W	18.00	362.42
	87	08	07W	42.50	869.93
	87	09	07W	36.00	742.72
	87	10	07W	33.00	672.43
	87	11	07W	39.50	818.29
	87	12	07W	49.50	1017.59
	87	13	07W	21.50	439.22
	87	14	07W	34.50	713.44
	87	15	07W	32.50	660.17
	87	16	07W	51.50	1056.90
	87	17	07W	43.00	889.08
	87	18	07W	26.50	538.13
	87	19	07W	35.50	721.77
	87	20	07W	36.50	751.09
	87	21	07W	47.50	978.94
	87	22	07W	27.50	588.56
	87	23	07W	28.50	598.98
	87	24	07W	11.50	241.62
	87	25	07W	8.50	184.55
	87	26	07W	3.50	75.86
	88	01	07W	3.00	64.99
	88	02	07W	4.50	97.68
	88	03	07W	17.00	364.80
	88	04	07W	10.50	223.79
	88	05	07W	5.00	107.50
	88	06	07W	16.00	354.40
	88	08	07W	13.50	305.86
	88	09	07W	25.00	530.46
	88	10	07W	14.00	316.94
	88	11	07W	13.50	305.72
	88	12	07W	5.00	113.25
	88	13	07W	5.00	113.24

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
KINSER, STEVEN E.	88	16	07W	4.00	90.54
	88	17	07W	4.50	101.95
	88	18	07W	8.00	176.76
	88	19	07W	2.00	45.28
	88	20	07W	11.00	240.49
	88	21	07W	4.50	101.89
	88	22	07W	4.00	90.55
	88	23	07W	15.50	342.09
	88	24	07W	5.50	120.21
	88	26	07W	3.00	67.83
	89	01	07W	3.00	63.66
	89	02	07W	2.00	45.26
	89	03	07W	7.00	137.26
	89	04	07W	2.00	45.25
	89	05	07W	3.00	64.76
	89	06	07W	13.00	301.44
	89	07	07W	15.00	347.80
	89	08	07W	3.00	70.39
	89	09	07W	9.00	219.39
	89	10	07W	1.00	24.37
	89	11	07W	2.00	48.76
	89	12	07W	3.00	73.13
	89	13	07W	3.00	73.13
	89	14	07W	5.00	121.88
	89	15	07W	13.00	316.90
	89	16	07W	1.00	24.37
	89	17	07W	27.00	658.15
	89	18	07W	6.00	146.26
	89	19	07W	1.00	24.37
	89	22	07W	1.00	24.37
	89	23	07W	1.00	24.35
	89	24	07W	3.00	73.13
	89	25	07W	6.00	146.26
	90	02	07W	26.00	633.77
	90	03	07W	34.00	828.79
	90	05	07W	1.00	24.37
	90	06	07W	12.00	292.50
	90	07	07W	2.00	48.76
	90	09	07W	24.00	609.03
	90	10	07W	29.00	735.93
	90	11	07W	22.00	600.36
	90	12	07W	14.50	395.53
	90	13	07W	9.50	259.24
	90	14	07W	7.00	191.03
	90	15	07W	7.00	191.03

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
KINSER, STEVEN E.	90	16	07W	1.00	27.30
	90	21	07W	30.50	832.32
	90	22	07W	32.50	886.89
	90	23	07W	66.00	1801.08
	90	24	07W	23.00	627.65
	90	25	07W	19.00	518.49
	90	26	07W	26.00	709.52
	90	27	07W	15.00	409.29
	91	01	07W	6.00	163.73
	91	02	07W	43.00	1173.30
	91	03	07W	56.00	1528.18
	91	04	07W	35.00	954.95
	91	05	07W	42.00	1146.13
	91	06	07W	33.00	900.52
	91	07	07W	34.00	927.82
	91	09	07W	11.00	313.49
	91	10	07W	48.00	1367.96
				1943.00	45080.73
KLEOPFER, ROBERT D.	87	22	07M	4.00	112.33
				4.00	112.33
KOSAKOWSKI, MICHAEL W. SUPERVISORY PROGRAM ANALYST	89	03	07W	7.00	235.79
	89	13	07W	2.00	72.19
				9.00	307.98
KROONE, JANICE J. INDUSTRIAL HYGIENIST	90	17	07M	6.00	137.14
				6.00	137.14
LAMBERT, JANETTE L. ENVIRONMENTAL PROTECTION SPECIALIST	91	04	07B	5.00	93.09
				5.00	93.09
LANGEMEIER, RALPH N. SUPERVISORY ENVIRONMENTAL ENGINEER	90	23	07K	1.00	33.73
				1.00	33.73

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
LEWIS, BONITA D.	87	02	07D	2.00	18.95
SECRETARY (TYPING)	87	03	07D	2.00	18.94
	87	07	07D	2.00	18.94
	87	08	07D	3.00	29.25
	87	09	07D	6.00	58.52
	87	10	07D	2.00	19.51
	87	11	07D	3.00	29.25
	87	12	07D	4.00	39.01
	87	13	07D	2.00	19.51
	87	14	07D	12.00	140.46
	87	15	07D	3.50	34.19
	87	16	07D	3.50	34.18
	87	17	07D	1.00	9.75
	87	18	07D	2.50	24.42
	87	19	07D	4.00	39.01
	87	20	07D	1.00	9.75
	87	21	07D	2.00	19.51
	87	22	07D	1.00	9.75
	87	26	07D	1.00	8.97
				57.50	581.87
LUCKET, BEULAH M.	86	17	07M	4.00	32.81
PHYSICAL SCIENCE AID	86	23	07M	8.00	65.59
	87	03	07M	12.00	98.39
	87	15	07M	20.00	170.83
	87	19	07M	16.00	136.65
	87	23	07M	16.00	136.65
	88	15	07M	40.00	357.99
				116.00	998.91
MAHONEY, EDITH M.	87	18	07D	0.50	4.82
LEGAL CLERK (TYPING)	88	21	07D	63.00	623.39
				63.50	628.21
MARCHIN, LAWRENCE M.	87	10	07M	1.00	15.73
CHEMIST	87	24	07M	1.00	15.73
	89	09	07M	2.00	35.79
	89	10	07M	2.00	35.80
	89	12	07M	2.00	35.75
	89	14	07M	0.50	8.95
				8.50	147.75

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MATHIS, YVONNE SECRETARY (TYPING)	87	04	07W	8.00	88.33
				8.00	88.33
MCCULLERS, RUBEN B. CIVIL INVESTIGATOR	86	27	07W	8.00	150.17
	87	01	07W	49.00	906.41
	87	02	07W	45.00	867.98
	87	03	07W	23.00	443.64
	87	04	07W	17.00	324.35
	87	06	07W	24.00	433.07
	87	07	07W	4.00	77.13
	87	08	07W	73.00	1413.65
	87	09	07W	46.00	872.41
	87	10	07W	53.00	1025.76
	87	11	07W	36.00	665.24
	87	12	07W	50.00	954.65
	87	13	07W	45.00	867.16
	87	14	07W	38.00	718.54
	87	15	07W	60.00	1163.53
	87	16	07W	43.00	833.82
	87	17	07W	32.00	621.76
	87	18	07W	98.00	1897.30
	87	19	07W	96.50	1890.53
	87	20	07W	53.00	1058.72
	87	21	07W	97.00	1890.16
	87	22	07W	59.00	1179.92
	87	23	07W	98.00	1524.29
	87	24	07W	82.00	1596.03
	87	25	07W	140.00	2755.32
	87	26	07W	89.00	1741.04
	88	01	07W	33.00	639.39
	88	02	07W	67.00	1294.28
	88	03	07W	80.00	1568.10
	88	04	07W	76.00	1485.21
	88	05	07W	35.00	692.88
	88	06	07W	54.00	1064.86
	88	07	07W	33.00	659.20
	88	09	07W	27.00	556.34
	88	11	07W	63.00	1301.85
	88	13	07W	39.00	802.58
	88	14	07W	71.00	1438.73
	88	16	07W	54.00	1111.28
	88	18	07W	62.00	1311.59
	88	19	07W	69.00	1459.68

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MCCULLERS, RUBEN B.	88	20	07W	66.00	1396.23
	88	21	07W	47.00	994.28
	88	22	07W	76.00	1607.79
	88	23	07W	103.00	2107.17
	88	24	07W	78.00	1652.66
	88	26	07W	105.00	2141.81
	89	01	07W	44.00	930.82
	89	02	07W	64.00	1353.91
	89	03	07W	42.00	888.49
	89	04	07W	63.00	1332.77
	89	05	07W	61.00	1290.43
	89	06	07W	46.00	973.12
	89	07	07W	34.00	719.25
	89	08	07W	69.00	1535.71
	89	09	07W	62.00	1379.89
	89	10	07W	78.00	1735.91
	89	11	07W	51.00	1135.06
	89	12	07W	78.00	1736.00
	89	13	07W	78.00	1736.01
	89	14	07W	79.00	1758.25
	89	16	07W	30.00	667.68
	89	18	07W	70.00	1557.94
	89	19	07W	77.00	1713.74
	89	20	07W	68.00	1513.43
	89	22	07W	44.00	979.27
	89	23	07W	79.00	1758.25
	89	24	07D	150.00	3338.46
	89	25	07W	154.00	3427.48
	89	26	07W	-75.00	-1669.23
	89	27	07W	35.00	778.98
	90	01	07W	44.00	979.17
	90	03	07W	48.00	1055.87
	90	22	07W	4.00	95.21
				4273.50	87860.36
MCCUTCHEON, RONALD D SUPERVISORY ENVIRONMENTAL ENGINEER	86	19	07M	3.00	79.99
	86	21	07M	3.00	51.81
				6.00	131.80
MCKENZIE, LINDA K. PARALEGAL SPECIALIST	86	18	07D	1.00	9.08
	86	19	07D	19.00	177.83
	87	18	07D	26.00	308.88
	87	19	07D	30.00	356.40

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MCKENZIE, LINDA K.	87	20	07D	23.50	279.17
	87	21	07D	1.80	20.79
	87	22	07D	24.50	291.06
	87	23	07D	8.00	95.04
	87	24	07D	34.00	418.98
	88	03	07D	20.00	237.60
	88	04	07D	20.50	243.54
	88	05	07D	20.00	237.60
	88	06	07D	10.20	117.18
	88	07	07D	7.00	83.16
	88	23	07D	1.00	10.29
	88	24	07D	11.50	143.87
				258.00	3030.47
MICHAELS, ROWENA L. PUBLIC AFFAIRS OFFICER	90	03	07G	1.00	34.98
	90	23	07G	1.00	37.80
	91	06	07G	2.00	76.63
				4.00	149.41
MICINSKI, CHERYLE L. SUPERVISORY GENERAL ATTORNEY	88	23	07D	10.00	252.29
	88	24	07D	1.50	37.82
	89	12	07D	0.50	13.59
	89	13	07D	0.50	13.58
	89	15	07D	0.50	13.52
	89	19	07D	1.50	40.85
	89	21	07D	0.50	13.66
	90	02	07D	1.00	28.17
	90	08	07D	0.50	13.93
	90	09	07D	0.50	14.49
	90	10	07D	1.50	43.97
	90	18	07D	0.50	14.49
	90	21	07D	0.50	14.66
	90	23	07D	1.50	43.81
				21.00	558.83
MILLER, CAROL A. LEGAL TECHNICIAN (TYPING)	86	26	07D	3.00	27.36
	86	27	07D	5.00	45.59
	87	01	07D	7.00	63.83
	87	02	07D	5.00	45.59
	87	03	07D	2.00	18.24
	87	04	07D	14.00	127.66
	87	05	07D	29.00	321.60

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MILLER, CAROL A.	87	06	07D	18.00	179.41
	87	07	07D	7.00	69.77
	87	08	07D	5.50	56.43
	87	09	07D	5.50	56.49
	87	10	07D	19.00	195.01
	87	11	07D	21.00	215.54
	87	12	07D	5.00	51.32
	87	13	07D	9.00	92.37
	87	14	07D	9.00	92.37
	87	15	07D	3.00	30.78
	87	16	07D	10.00	102.63
	87	17	07D	1.00	10.26
	87	19	07D	1.00	10.26
	87	20	07D	1.00	10.26
	87	21	07D	14.00	143.69
	87	23	07D	2.00	20.53
	87	25	07D	5.00	51.32
	87	26	07D	4.00	46.30
	88	01	07D	1.00	10.31
	88	02	07D	4.00	41.04
	88	03	07D	1.00	10.26
	88	04	07D	3.00	30.78
	88	07	07D	1.00	10.29
	88	10	07D	5.00	52.52
	88	12	07D	4.00	42.27
	88	13	07D	2.00	21.26
	88	15	07D	6.00	76.13
	88	16	07D	6.00	63.01
	88	17	07D	35.00	367.61
	88	18	07D	3.00	31.51
	88	19	07D	8.00	85.10
	88	20	07D	12.00	126.02
	88	21	07D	1.00	10.51
	88	22	07D	5.00	52.52
	88	23	07D	2.00	21.00
	88	24	07D	2.00	21.00
	89	03	07D	13.00	153.18
	89	08	07D	5.00	56.29
	89	09	07D	7.00	78.80
	89	11	07D	3.00	33.78
	89	13	07D	5.00	56.29
	89	14	07D	1.00	11.27
	89	15	07D	3.00	33.76
	89	23	07D	2.00	22.51
				345.00	3603.63

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MORBY, ROBERT L.	86	14	07W	1.00	29.18
HAZARDOUS MATERIALS OFFICER	86	16	07W	4.00	116.75
	86	17	07W	1.00	29.18
	86	18	07W	3.50	102.26
	86	20	07W	0.50	14.71
	86	22	07W	2.00	58.37
	86	25	07W	5.00	145.89
	86	26	07W	0.50	14.69
	87	01	07W	2.00	57.66
	87	12	07W	1.00	30.96
	87	17	07W	4.00	123.81
	87	18	07W	3.00	92.84
	87	19	07W	5.00	154.78
	87	20	07W	15.00	464.33
	87	21	07W	2.00	61.91
	87	22	07W	2.00	61.91
	87	23	07W	6.00	185.73
	87	25	07W	9.00	278.60
	87	26	07W	12.00	370.15
	88	02	07W	1.00	30.56
	88	03	07W	1.00	30.56
	88	04	07W	1.00	31.32
	88	07	07W	2.00	63.45
	88	08	07W	5.00	162.89
	88	18	07W	1.00	32.58
	89	02	07W	1.00	32.14
	89	25	07W	1.50	54.18
	90	10	07W	2.00	77.14
	90	23	07W	2.90	113.72
	90	25	07W	1.00	38.46
	91	02	07W	2.00	76.15
	91	03	07W	1.00	38.08
	91	04	07W	2.00	78.17
	91	06	07W	0.50	19.54
	91	09	07W	0.50	20.67
	91	10	07W	4.00	165.22
				107.90	3458.54
MOREY, DEBRA A.	87	01	07M	2.00	36.43
SUPERVISORY CHEMIST					
				2.00	36.43
MORRISON, BRUCE A.	87	17	07M	4.00	71.33

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
ENVIRONMENTAL ENGINEER (OSC)					
				4.00	71.33
PEARL, KAREN S.	86	17	07D	11.00	103.51
PARALEGAL SPECIALIST	86	18	07D	2.00	18.82
	86	20	07D	3.00	28.23
	86	21	07D	1.00	9.41
	86	23	07D	10.00	94.51
	86	24	07D	8.00	75.26
	86	25	07D	11.00	106.47
	86	26	07D	1.00	9.67
	87	08	07D	35.50	360.23
	87	09	07D	3.00	30.44
	87	10	07D	12.00	121.78
	87	11	07D	12.00	121.78
	87	12	07D	14.00	142.08
	87	13	07D	16.00	162.37
	87	14	07D	20.00	202.97
	87	15	07D	40.00	405.90
	87	16	07D	37.00	375.47
	87	17	07D	42.00	426.21
	87	18	07D	18.00	182.67
	87	19	07D	10.00	101.46
	87	20	07D	27.00	274.00
	87	21	07D	9.00	91.34
	87	22	07D	26.00	263.83
	87	24	07D	14.00	142.06
	87	25	07D	5.00	50.74
	87	27	07D	4.00	40.34
	88	01	07D	4.00	40.65
	88	03	07D	9.00	91.34
	88	04	07D	7.50	76.15
	88	05	07D	9.50	96.45
	88	07	07D	3.00	30.44
	88	08	07D	9.00	95.12
	88	09	07D	4.00	42.29
	88	10	07D	3.00	31.70
	88	14	07D	5.50	58.18
	88	15	07D	2.00	21.16
	88	16	07D	1.00	10.56
	88	17	07D	1.50	15.90
	88	19	07D	2.00	21.12
	88	21	07D	25.00	264.24
	88	22	07D	41.50	438.68
	88	23	07D	4.50	47.71

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEARL, KAREN S.	88	24	07D	10.00	105.70
	89	03	07D	19.40	222.91
	89	04	07D	6.00	65.18
	89	05	07D	1.00	10.85
	89	08	07D	4.00	45.68
	89	09	07D	22.00	251.25
	89	10	07D	1.00	11.40
	89	11	07D	6.50	74.26
	89	12	07D	11.00	125.69
	89	13	07D	6.00	68.53
	89	14	07D	1.00	11.43
	89	15	07D	1.00	11.40
	89	16	07D	5.00	57.09
	89	18	07D	1.00	11.43
	90	08	07D	1.00	12.20
	90	10	07D	2.00	25.50
	90	15	07D	1.00	12.72
	90	17	07D	25.00	318.63
	90	18	07D	3.00	38.22
	90	19	07D	1.00	12.72
	90	20	07D	2.00	25.46
	90	22	07D	1.00	12.74
				654.40	6854.23
PEMBERTON, JAMES SCOTT GENERAL ATTORNEY	86	14	07D	6.00	127.14
	86	15	07D	0.80	15.88
	86	16	07D	14.20	300.98
	86	17	07D	38.20	807.97
	86	18	07D	21.20	448.86
	86	18	07D	7.50	158.52
	86	19	07D	51.80	1093.24
	86	20	07D	13.00	274.61
	86	21	07D	23.00	537.50
	86	22	07D	19.80	461.60
	86	23	07D	46.00	1074.99
	86	24	07D	34.80	756.72
	86	25	07D	41.50	903.76
	86	26	07D	41.80	909.16
	86	27	07D	15.20	332.06
	87	01	07D	46.20	1007.14
	87	02	07D	45.80	996.26
	87	03	07D	35.20	767.53
	87	04	07D	47.20	1028.84
	87	05	07D	64.20	1399.01

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEMBERTON, JAMES SCOTT	87	06	07D	56.50	1224.16
	87	07	07D	28.80	626.07
	87	08	07D	35.50	797.75
	87	09	07D	33.00	741.59
	87	10	07D	33.20	747.16
	87	11	07D	45.00	1011.25
	87	12	07D	43.20	970.79
	87	13	07D	33.80	758.49
	87	14	07D	40.50	910.23
	87	15	07D	39.80	893.33
	87	16	07D	48.00	1078.68
	87	17	07D	38.50	865.16
	87	18	07D	49.20	1106.72
	87	19	07D	45.80	1028.16
	87	20	07D	48.00	1078.68
	87	21	07D	49.00	1101.14
	87	22	07D	40.00	898.90
	87	23	07D	18.20	410.07
	87	24	07D	84.00	1829.93
	87	25	07D	22.80	511.29
	87	27	07D	7.60	168.56
	88	01	07D	9.00	202.23
	88	02	07D	7.50	168.63
	88	03	07D	27.80	623.65
	88	04	07D	28.20	634.80
	88	05	07D	21.50	483.13
	88	07	07D	18.00	404.51
	88	09	07D	9.80	229.63
	88	10	07D	12.80	300.28
	88	11	07D	2.50	58.97
	88	12	07D	6.20	147.13
	88	13	07D	12.50	294.43
	88	14	07D	19.50	459.27
	88	15	07D	7.70	182.55
	88	16	07D	47.20	1112.58
	88	17	07D	37.00	871.26
	88	18	07D	9.00	211.94
	88	19	07D	13.50	317.99
	88	20	07D	14.50	341.43
	88	21	07D	16.50	388.62
	88	22	07D	26.20	618.07
	88	23	07D	24.50	618.20
	88	24	07D	18.00	454.12
	88	26	07D	4.00	104.34
	89	01	07D	2.50	60.56

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEMBERTON, JAMES SCOTT	89	02	07D	1.50	36.45
	89	03	07D	1.70	42.45
	89	04	07D	1.50	36.45
	89	05	07D	0.70	16.94
	89	06	07D	12.00	289.22
	89	07	07D	19.00	460.37
	89	08	07D	47.20	1202.95
	89	09	07D	39.70	1010.76
	89	10	07D	26.70	679.65
	89	11	07D	10.00	254.59
	89	12	07D	6.50	165.49
	89	14	07D	18.20	464.66
	89	15	07D	7.70	195.90
	89	16	07D	5.00	127.28
	89	17	07D	8.50	216.42
	89	18	07D	4.50	114.58
	89	19	07D	3.00	76.37
	89	20	07D	2.50	63.66
	89	21	07D	0.70	19.10
	89	23	07D	2.00	50.93
	89	25	07D	0.20	6.37
	90	04	07D	6.50	165.33
	90	06	07D	1.70	43.13
	90	07	07D	6.20	157.80
	90	08	07D	7.50	190.81
	90	09	07D	5.70	150.84
	90	10	07D	13.50	357.64
	90	11	07D	7.50	198.54
	90	12	07D	12.70	336.28
	90	14	07D	10.00	264.91
	90	15	07D	17.50	463.45
	90	16	07D	17.20	456.99
	90	17	07D	12.20	323.15
	90	18	07D	1.00	26.47
	90	19	07D	2.20	58.23
	90	21	07D	0.20	6.82
	90	22	07D	4.20	115.73
	90	23	07D	29.00	789.64
	90	24	07D	9.00	245.05
	90	25	07D	8.20	224.65
	90	26	07D	1.50	40.69
	90	27	07D	0.70	18.97
	91	01	07D	1.70	46.21
	91	02	07D	18.00	490.11
	91	03	07D	46.90	1279.30

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEMBERTON, JAMES SCOTT	91	04	07D	42.20	1149.01
	91	05	07D	35.40	966.63
	91	06	07D	34.50	939.23
				2421.40	56484.40
PENNINGTON, PATRICIA W. PUBLIC AFFAIRS ASSISTANT	87	25	07G	8.00	107.68
	88	23	07G	0.50	5.98
				8.50	113.66
PETERSON, MARY P. ENVIRONMENTAL ENGINEER	90	09	07W	4.00	78.44
				4.00	78.44
PIET, DAVID A. OPERATING ACCOUNTANT	90	16	07H	9.00	207.14
	90	17	07H	1.00	23.01
	91	03	07H	1.00	23.63
				11.00	253.78
PRICE, ROGER E. CHEMIST	87	23	07M	5.00	69.75
				5.00	69.75
REGER, JAMES W. ENVIRONMENTAL ENGINEER	89	07	07W	15.00	313.40
				15.00	313.40
REID, DIANA G. PARALEGAL SPECIALIST	87	08	07D	7.20	73.40
	87	09	07D	34.00	346.74
	87	10	07D	36.00	367.13
	87	14	07D	18.00	183.57
	87	15	07D	44.50	488.44
	87	16	07D	31.20	318.67
	87	17	07D	72.40	777.86
	87	18	07D	97.00	1106.53
	87	19	07D	102.00	1129.88
	87	20	07D	82.50	895.99
	87	21	07D	73.80	799.45
	87	22	07D	78.00	819.78
	87	23	07D	86.80	979.34

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
REID, DIANA G.	87	24	07D	145.00	1557.58
	87	25	07D	45.00	458.92
	87	26	07D	93.00	933.31
	87	27	07D	16.00	163.16
	88	01	07D	45.00	458.90
	88	02	07D	71.00	740.24
	88	03	07D	32.00	326.34
	88	04	07D	80.20	901.75
	88	05	07D	62.50	671.47
	88	07	07D	45.00	458.92
	88	08	07D	4.00	42.97
	88	09	07D	90.00	1123.31
	88	10	07D	61.00	728.15
	88	11	07D	78.00	979.52
	88	12	07D	92.00	1155.44
	88	13	07D	72.00	859.45
	88	14	07D	73.00	871.39
	88	16	07D	66.00	787.83
	88	17	07D	61.00	728.14
	88	18	07D	34.00	405.84
	88	19	07D	85.00	1038.48
	88	20	07D	70.00	835.56
	88	21	07D	63.00	752.02
	88	22	07D	79.00	943.01
	88	23	07D	97.50	1247.36
	88	24	07D	85.00	1057.48
	88	26	07D	89.50	1113.67
	89	01	07D	36.00	429.72
	89	02	07D	67.00	799.75
	89	03	07D	82.00	1027.13
	89	04	07D	60.00	716.22
	89	05	07D	56.00	668.45
	89	06	07D	70.00	835.56
	89	08	07D	52.00	646.15
	89	09	07D	45.00	577.75
	89	10	07D	76.00	1141.78
	89	11	07D	69.00	1073.70
	89	12	07D	89.50	1387.87
	89	13	07D	67.00	1006.58
	89	14	07D	69.00	1036.61
	89	15	07D	36.00	540.84
	89	16	07D	31.00	465.72
	89	17	07D	74.00	1111.75
	89	18	07D	50.00	751.18
	89	19	07D	73.00	1096.70

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
REID, DIANA G.	89	20	07D	73.00	1096.70
	89	21	07D	46.50	698.60
	89	22	07D	74.50	1119.26
	89	23	07D	76.50	1149.30
	89	25	07D	70.00	1051.64
	89	26	07D	75.00	1126.77
	89	27	07D	35.00	525.83
	90	01	07D	25.00	375.60
	90	02	07D	106.50	1709.20
	90	03	07D	63.50	999.32
	90	22	07D	4.00	69.96
	90	24	07D	9.00	178.59
				4359.10	55041.22
RITTER, RONALD R. CONGRESSIONAL AND INTERGOVERNMENTAL	86	25	07B	2.00	61.34
	87	01	07B	3.00	90.88
	87	02	07B	4.00	121.14
	87	03	07B	1.00	30.29
	87	04	07B	5.00	138.40
	87	05	07B	1.00	30.29
	87	07	07B	1.00	30.69
	87	09	07B	1.00	31.69
	87	10	07B	1.00	31.69
	87	20	07B	2.00	63.38
	88	09	07B	3.00	97.74
	90	03	07B	1.00	35.60
	90	23	07B	2.00	76.98
	91	06	07B	1.00	39.01
				28.00	879.12
ROBERDES, SUZANNE CHEMIST	86	17	07M	17.00	216.60
	86	18	07M	3.50	44.64
	86	26	07M	15.00	191.08
	86	27	07M	1.00	12.76
	87	01	07M	14.50	205.84
	87	02	07M	45.00	573.27
	87	03	07M	4.00	50.96
	87	04	07M	3.00	38.21
	87	05	07M	14.00	178.34
	87	10	07M	20.50	278.51
	87	15	07M	20.50	278.51
	87	17	07M	16.00	217.33
	87	19	07M	54.20	781.37

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
ROBERDES, SUZANNE	87	20	07M	48.50	695.77
	87	21	07M	30.00	407.50
	87	23	07M	29.00	393.92
	87	24	07M	14.00	202.98
	87	25	07M	6.00	81.49
	88	16	07M	9.00	133.95
	90	17	07M	5.00	86.23
				369.70	5069.26
RODRIGUEZ, IRINO R. ENVIRONMENTAL PROTECTION SPECIALIST	86	17	07M	14.00	164.41
	86	18	07M	2.00	23.48
	86	23	07M	9.00	105.70
	87	02	07M	34.00	471.93
	87	03	07M	33.00	446.96
	87	05	07M	18.00	211.35
	87	15	07M	12.00	149.76
	87	17	07M	8.00	99.84
	87	25	07M	15.00	187.20
				145.00	1860.63
SAMEK, PAMELA G. ENVIRONMENTAL PROTECTION SPECIALIST	88	21	07W	3.00	33.64
				3.00	33.64
SANDERSON, MICHAEL J. SUPERVISORY ENVIRONMENTAL ENGINEER	89	13	07W	1.50	54.18
	89	18	07W	0.50	18.05
				2.00	72.23
SANDIFER, DONALD E ENVIRONMENTAL ENGINEER	87	06	07M	9.00	185.45
	87	08	07M	8.00	173.41
				17.00	358.86
SHEEHY, JOSEPH E. CIVIL INVESTIGATOR	90	09	07W	0.00	0.00
	91	09	07W	3.00	86.00
	91	10	07W	9.00	258.00
				12.00	344.00
SHULL, ANTOINETTE	91	05	07G	2.00	23.75

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
CLERK (TYPING)					
				2.00	23.75
SIMMONS, DELORES M.	86	17	07M	1.00	8.92
ENVIRONMENTAL PROTECTION	86	18	07M	1.00	8.90
SPECIALIST	86	21	07M	0.50	4.49
	87	02	07M	0.50	4.49
				3.00	26.80
SMITH, CRAIG W.	86	23	07W	1.00	22.75
SUPERVISORY ENVIRONMENTAL	86	24	07W	5.00	90.93
ENGINEER	86	25	07W	1.00	22.75
	86	26	07W	3.00	68.25
	87	01	07W	1.00	22.71
	87	08	07W	1.00	23.82
	87	09	07W	1.00	23.82
	87	19	07W	2.00	47.64
	87	20	07W	2.00	47.64
	88	18	07W	1.00	28.49
				18.00	398.80
SOUSLEY, JOYCE A.	90	04	07D	1.00	11.36
SECRETARY (TYPING)	90	09	07D	3.00	35.73
	90	26	07D	18.00	225.52
				22.00	272.61
STEINCAMP, MARIHA R.	87	12	07D	3.00	87.92
REGIONAL COUNSEL	87	13	07D	10.50	307.69
	87	14	07D	11.00	322.37
	87	15	07D	3.00	87.92
	87	16	07D	4.00	117.23
	87	17	07D	6.00	175.82
	87	18	07D	62.00	1817.00
	87	19	07D	13.00	380.98
	87	20	07D	23.00	674.06
	87	21	07D	12.00	351.69
	87	22	07D	2.00	58.61
	87	24	07D	2.00	58.61
	88	03	07D	2.00	59.64
	88	04	07D	1.00	29.85
	88	05	07D	1.00	29.82
	88	07	07D	2.00	60.49

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
STEINCAMP, MARTHA R.	88	08	07D	2.00	61.89
	90	03	07D	1.00	35.87
				160.50	4717.46
TINSON, HELEN L.	91	02	07G	8.00	98.87
	91	03	07G	2.00	24.72
	91	04	07G	5.00	61.79
	91	05	07G	7.00	86.49
	91	06	07G	9.00	111.24
	91	07	07G	7.00	86.52
	91	08	07G	3.00	37.08
	91	09	07G	7.00	90.35
	91	10	07G	4.00	51.63
				52.00	648.69
TRIPP, DAVID R.	86	19	07D	8.00	270.03
	86	20	07D	16.00	540.09
	86	21	07D	11.00	371.30
	86	26	07D	16.00	533.00
	87	01	07D	7.00	233.17
	87	02	07D	7.00	233.19
	87	10	07D	3.00	104.66
	87	11	07D	6.00	215.24
	87	12	07D	3.00	107.62
	87	13	07D	6.00	215.24
	87	14	07D	4.00	149.50
	87	15	07D	6.00	224.29
	87	16	07D	3.00	101.34
	87	17	07D	6.00	209.86
	87	18	07D	1.00	37.36
	87	19	07W	3.00	101.34
	87	21	07D	1.00	37.38
	87	22	07D	2.00	74.74
	87	23	07D	1.00	43.45
	88	02	07D	1.00	42.37
	88	03	07D	1.00	42.34
				112.00	3887.51
ULMER, DEANNA K. SECRETARY (TYPING)	87	04	07W	14.50	150.83
	87	05	07W	1.00	8.50
				15.50	159.33

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
VAHSHOLTZ, LESTER M.	89	03	07H	10.00	205.34
VISUAL INFORMATION SPECIALIST	89	04	07H	4.00	82.13
	89	05	07H	30.50	626.33
	89	07	07H	39.50	811.03
	89	08	07H	32.00	689.82
	89	09	07H	14.50	312.68
	89	12	07H	17.00	366.48
	89	13	07H	6.00	129.34
				153.50	3223.15
WAGONER, DAVID A.	87	16	07W	1.00	35.17
DIRECTOR, WASTE MANAGEMENT	87	17	07W	3.00	113.12
DIVISION	87	19	07W	1.00	38.98
	87	20	07W	1.00	38.98
	87	21	07W	2.00	77.95
	88	03	07W	1.00	38.47
	88	18	07W	1.00	39.20
	89	18	07W	2.00	82.08
	90	23	07W	2.00	85.28
	91	03	07W	1.00	42.09
				15.00	591.32
WASHINGTON, BEVERLY A.	90	09	07H	51.00	733.17
FINANCIAL MANAGEMENT ASSISTANT					
				51.00	733.17
WEATHERFORD, JEFFREY G.	86	19	07M	3.00	40.29
ENVIRONMENTAL ENGINEER	86	25	07M	5.00	85.45
	86	26	07M	2.00	30.82
	87	16	07M	32.00	566.30
				42.00	722.86
WELKER, SHELLEY M.	87	02	07W	1.00	10.26
ENVIRONMENTAL SCIENTIST	87	04	07W	17.00	174.47
	87	06	07W	1.00	12.60
				19.00	197.33
WELLS, WANDA H.	89	04	07H	4.50	68.14
VISUAL INFORMATION SPECIALIST	89	05	07H	2.50	37.88
	89	08	07H	4.00	63.29

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
WELLS, WANDA H.	89	09	07H	8.00	126.56
	89	10	07H	1.00	15.82
	89	12	07H	15.00	237.30
	89	15	07H	4.00	63.29
	91	06	07H	5.00	91.24
				44.00	703.52
WERHOLTZ, JANE B. SUPERVISORY GENERA	86	17	07D	1.50	39.15
	86	18	07D	0.50	13.16
	86	19	07D	0.50	13.16
	86	21	07D	1.20	32.59
	86	22	07D	0.20	6.48
	86	23	07D	0.50	13.16
	86	24	07D	2.50	65.39
	86	25	07D	0.50	13.16
	87	01	07D	1.80	47.00
	87	03	07D	0.20	5.75
	87	05	07D	0.20	6.58
	87	07	07D	0.20	6.67
	87	09	07D	0.20	6.88
	87	10	07D	0.50	13.98
	87	11	07D	1.20	34.63
	87	12	07D	0.80	20.86
	87	13	07D	0.80	20.86
	87	16	07D	0.50	13.98
	87	17	07D	2.00	55.49
	87	18	07D	0.80	20.86
	87	19	07D	0.80	20.86
	87	23	07D	0.20	6.88
	87	25	07D	0.20	6.88
				17.80	484.41
WERST, JOLLEEN G. ENVIRONMENTAL PROTECTION SPECIALIST	90	09	07W	4.00	44.99
	90	23	07W	1.50	16.87
				5.50	61.86
WILSON, EDITH E. PUBLIC AFFAIRS SPECIALIST	86	18	07B	2.00	35.51
	86	23	07B	19.00	347.92
	86	24	07B	2.00	36.62
	86	25	07B	6.00	109.87
	86	26	07B	6.00	109.87
	87	01	07B	9.50	173.92

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 1991 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
WILSON, EDITH E.	87	03	07B	2.00	37.71
	87	06	07B	6.00	113.12
	87	08	07B	6.00	116.95
	87	09	07B	1.00	19.50
	87	11	07B	3.00	58.48
	87	12	07B	7.00	136.46
	87	14	07B	9.00	175.41
	87	15	07B	2.00	38.98
	87	19	07B	2.00	38.98
	87	22	07B	1.00	19.47
	88	03	07B	8.00	160.44
	88	18	07B	1.00	20.52
	88	19	07B	3.00	63.35
	88	20	07B	2.00	42.23
	89	01	07B	9.00	190.03
	89	02	07B	5.00	105.57
	89	03	07B	6.00	130.16
				117.50	2281.07
WURTZ, STEPHEN P. PUBLIC AFFAIRS SPECIALIST	88	08	07G	2.00	42.11
	88	09	07G	5.00	105.27
	89	01	07G	3.00	64.88
	89	14	07G	2.00	46.69
	89	15	07G	2.00	46.69
	89	19	07G	2.00	46.69
				16.00	352.33
YUE, KENNETH T. CHEMIST	86	17	07M	6.00	112.01
	87	02	07M	1.00	19.23
	87	14	07M	2.00	39.59
				9.00	170.83
				18380.70	335220.93

U.S. EPA REGION VII TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH 01/31/91

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
	00A7870097	MS73A	08/07/87	2.91
	00SE870106	MS75B	09/09/87	23.36
	00JN880095	MB248	06/25/88	13.02
	00SE880114	MB348	09/22/88	2.35
	00SE880117	MB354	09/24/88	0.90
	00MR880074	MS890	03/30/88	2.55
	00SE880117	MB354	09/24/88	18.84
	00AP880087	MB167	05/26/88	25.20
	00MR880071	MS884	03/18/88	69.00
	0007DA0112		04/28/89	7.12
	0007DA0710		05/20/89	19.50
	0007DA0729		06/27/89	35.63
	0007DA0751		08/10/89	40.13
	0007DA0752		08/10/89	24.00
	0007DA0766		08/25/89	41.25
	0007DA0785		09/22/89	41.63
	0007WB0771		06/27/89	25.89
	0007WC0805		08/11/89	32.26
	0007WC0805		08/11/89	-32.26
	0007WC0805		08/11/89	32.26
	0007WC0836		08/25/89	21.39
	9007DA0051		11/29/89	37.20
	9007DA0136		03/16/90	12.85
	0007DA0795		10/02/89	15.38
	0007DA0800		10/31/89	43.00
	0007WC0912		10/31/89	38.86
				594.22
BAILEY, CARL ARTHUR ENVIRONMENTAL SCIENTIST	000T205088	AS881	04/08/88	12.50
				12.50
HESS, GEORGE K. ENVIRONMENTAL SCIENTIST	000T295746	AS708	10/25/86	37.50
	000T263202	AS828	11/24/87	87.50
	000T263772	AS836	12/10/87	100.00
	000T205087	AS881	04/08/88	12.50
				237.50
KAY, MORRIS REGIONAL ADMINISTRATOR	000C890001	M9001	10/13/88	15.00
				15.00

U.S. EPA REGION VII TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH 01/31/91

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
KINSER, STEVEN E. ENVIRONMENTAL ENGINEER (RPM)	000T296987	AS72B	07/24/87	46.84
				46.84
MCCULLERS, RUBEN B. CIVIL INVESTIGATOR	000T177880	AS798	06/11/87	50.00
	0IRT252001	AS72B	07/21/87	198.00
	000T252001	AS72B	07/21/87	110.57
				358.57
PEMBERTON, JAMES SCOTT GENERAL ATTORNEY	000T696442		11/30/90	9.84
				9.84
REID, DIANA G. PARALEGAL SPECIALIST	000T177924	AS798	06/11/87	50.00
	0IRT177927	AS82A	07/21/87	198.00
	000T177927	AS82A	07/21/87	93.91
				341.91
				1616.38

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

ACCOUNTING PERIOD	FISCAL YEAR	PAYROLL HOURS	INDIRECT RATE	INDIRECT COSTS
FISCAL YEAR	86	666.00	60.00	39960.00
FISCAL YEAR	87	3835.50	61.00	233965.50
FISCAL YEAR	88	2007.00	61.00	122427.00
FISCAL YEAR	89	1571.50	61.00	95861.50
FISCAL YEAR	90	552.60	61.00	33708.60
FISCAL YEAR	91	350.80	61.00	21398.80
TOTAL :		8983.40		547321.40

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BENNETT, HELEN G.	86	M	24	4.00	60.00	240.00
				4.00		240.00
BUNN, WILLIAM W.	86	M	25	3.00	60.00	180.00
		M	26	4.00	60.00	240.00
				7.00		420.00
CASTOR, MALCOLM O.	86	M	23	8.00	60.00	480.00
		M	24	3.00	60.00	180.00
				11.00		660.00
EVANS, BARRY W.	86	M	17	6.00	60.00	360.00
				6.00		360.00
FRANCE-ISETTS, PAULETTA	86	W	23	9.50	60.00	570.00
				9.50		570.00
FULTON, JAMES B.	86	M	23	14.00	60.00	840.00
				14.00		840.00
HAAS, BERNARD, JR.	86	M	25	2.00	60.00	120.00
				2.00		120.00
HESS, GEORGE K.	86	M	18	25.00	60.00	1500.00
		M	20	6.00	60.00	360.00
		M	21	4.00	60.00	240.00
		M	23	8.00	60.00	480.00
		M	24	58.00	60.00	3480.00
		M	25	67.00	60.00	4020.00
		M	26	52.00	60.00	3120.00
		M	27	15.00	60.00	900.00
		M	17	44.00	60.00	2640.00
		M	18	9.00	60.00	540.00
				288.00		17280.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
JACKSON, BERLA C.	86	M	23	15.00	60.00	900.00
		M	25	2.00	60.00	120.00
		M	26	3.00	60.00	180.00
		M	17	16.00	60.00	960.00
				36.00		2160.00
KINSER, STEVEN E.	86	W	18	20.00	60.00	1200.00
		W	19	4.00	60.00	240.00
		W	20	8.00	60.00	480.00
		W	21	11.00	60.00	660.00
		W	22	29.00	60.00	1740.00
		W	24	25.00	60.00	1500.00
		W	25	14.00	60.00	840.00
		W	26	19.00	60.00	1140.00
		W	27	5.00	60.00	300.00
		W	16	7.00	60.00	420.00
		W	17	10.00	60.00	600.00
		W	18	3.00	60.00	180.00
				155.00		9300.00
LUCKET, BEULAH M.	86	M	23	8.00	60.00	480.00
		M	17	4.00	60.00	240.00
				12.00		720.00
MCCULLERS, RUBEN B.	86	W	27	8.00	60.00	480.00
				8.00		480.00
MCCUTCHEON, RONALD D	86	M	19	3.00	60.00	180.00
		M	21	3.00	60.00	180.00
				6.00		360.00
MORBY, ROBERT L.	86	W	18	3.50	60.00	210.00
		W	20	0.50	60.00	30.00
		W	22	2.00	60.00	120.00
		W	25	5.00	60.00	300.00
		W	26	0.50	60.00	30.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MORBY, ROBERT L.	86	W	14	1.00	60.00	60.00
		W	16	4.00	60.00	240.00
		W	17	1.00	60.00	60.00
				17.50		1050.00
ROBERDES, SUZANNE	86	M	26	15.00	60.00	900.00
		M	27	1.00	60.00	60.00
		M	17	17.00	60.00	1020.00
		M	18	3.50	60.00	210.00
				36.50		2190.00
RODRIGUEZ, IRINO R.	86	M	23	9.00	60.00	540.00
		M	17	14.00	60.00	840.00
		M	18	2.00	60.00	120.00
				25.00		1500.00
SIMMONS, DELORES M.	86	M	21	0.50	60.00	30.00
		M	17	1.00	60.00	60.00
		M	18	1.00	60.00	60.00
				2.50		150.00
SMITH, CRAIG W.	86	W	23	1.00	60.00	60.00
		W	24	5.00	60.00	300.00
		W	25	1.00	60.00	60.00
		W	26	3.00	60.00	180.00
				10.00		600.00
WEATHERFORD, JEFFREY G.	86	M	19	3.00	60.00	180.00
		M	25	5.00	60.00	300.00
		M	26	2.00	60.00	120.00
				10.00		600.00
YUE, KENNETH T.	86	M	17	6.00	60.00	360.00
				6.00		360.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
TOTAL PER FISCAL YEAR	86			666.00		39960.00
BATES, DALE I.	87	M	22	4.00	61.00	244.00
		M	24	2.00	61.00	122.00
				6.00		366.00
BLOMGREN, CARL V.	87	W	20	1.00	61.00	61.00
		W	26	1.00	61.00	61.00
				2.00		122.00
BROWN, HAROLD G.	87	M	01	7.00	61.00	427.00
		M	15	4.00	61.00	244.00
		M	20	21.00	61.00	1281.00
		M	21	3.00	61.00	183.00
				35.00		2135.00
BUNN, WILLIAM W.	87	M	01	8.00	61.00	488.00
		M	02	7.00	61.00	427.00
		M	06	2.00	61.00	122.00
		M	07	3.00	61.00	183.00
		M	19	1.00	61.00	61.00
				21.00		1281.00
CROSSLAND, ROY J.	87	M	10	8.00	61.00	488.00
		M	12	4.00	61.00	244.00
		M	16	8.00	61.00	488.00
				20.00		1220.00
EASLEY, DIANE M.	87	M	16	16.00	61.00	976.00
		M	21	4.00	61.00	244.00
		M	24	3.00	61.00	183.00
				23.00		1403.00
EVANS, BARRY W.	87	M	08	4.00	61.00	244.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
EVANS, BARRY W.	87	M	14	8.00	61.00	488.00
		M	15	15.00	61.00	915.00
				27.00		1647.00
FULTON, JAMES B.	87	M	03	4.00	61.00	244.00
				4.00		244.00
GREATHOUSE, PHILLIP	87	M	19	30.00	61.00	1830.00
		M	22	2.00	61.00	122.00
		M	23	6.00	61.00	366.00
				38.00		2318.00
GREEN, FLORENCE	87	W	04	6.00	61.00	366.00
		W	05	1.00	61.00	61.00
				7.00		427.00
HESS, GEORGE K.	87	M	01	79.50	61.00	4849.50
		M	02	53.50	61.00	3263.50
		M	03	34.00	61.00	2074.00
		M	04	48.00	61.00	2928.00
		M	05	50.00	61.00	3050.00
		M	06	48.00	61.00	2928.00
		M	07	14.00	61.00	854.00
		M	08	12.00	61.00	732.00
		M	09	12.00	61.00	732.00
		M	10	17.00	61.00	1037.00
		M	11	35.00	61.00	2135.00
		M	12	20.00	61.00	1220.00
		M	13	24.00	61.00	1464.00
		M	14	30.00	61.00	1830.00
		M	15	8.00	61.00	488.00
		M	16	18.00	61.00	1098.00
		M	19	6.00	61.00	366.00
		M	20	24.00	61.00	1464.00
		M	22	3.00	61.00	183.00
		M	23	33.00	61.00	2013.00
		M	24	11.00	61.00	671.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
HESS, GEORGE K.	87	M	25	12.00	61.00	732.00
				592.00		36112.00
HUDSON, JODY L.	87	M	25	13.00	61.00	793.00
				13.00		793.00
JACKSON, BERIA C.	87	M	01	3.00	61.00	183.00
		M	02	3.00	61.00	183.00
		M	03	5.00	61.00	305.00
		M	04	4.00	61.00	244.00
		M	09	8.00	61.00	488.00
		M	10	6.00	61.00	366.00
		M	14	13.00	61.00	793.00
		M	15	22.00	61.00	1342.00
		M	16	5.00	61.00	305.00
		M	17	8.00	61.00	488.00
		M	19	44.00	61.00	2684.00
		M	21	8.00	61.00	488.00
		M	23	8.00	61.00	488.00
				137.00		8357.00
JUSTIS, PATRICIA K.	87	W	04	5.00	61.00	305.00
		W	05	4.80	61.00	292.80
		W	16	1.00	61.00	61.00
				10.80		658.80
KINSER, STEVEN E.	87	W	01	16.50	61.00	1006.50
		W	02	33.00	61.00	2013.00
		W	03	11.00	61.00	671.00
		W	04	10.50	61.00	640.50
		W	05	4.50	61.00	274.50
		W	06	52.50	61.00	3202.50
		W	07	18.00	61.00	1098.00
		W	08	42.50	61.00	2592.50
		W	09	36.00	61.00	2196.00
		W	10	33.00	61.00	2013.00
		W	11	39.50	61.00	2409.50

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	87	W	12	49.50	61.00	3019.50
		W	13	21.50	61.00	1311.50
		W	14	34.50	61.00	2104.50
		W	15	32.50	61.00	1982.50
		W	16	51.50	61.00	3141.50
		W	17	43.00	61.00	2623.00
		W	18	26.50	61.00	1616.50
		W	19	35.50	61.00	2165.50
		W	20	36.50	61.00	2226.50
		W	21	47.50	61.00	2897.50
		W	22	27.50	61.00	1677.50
		W	23	28.50	61.00	1738.50
		W	24	11.50	61.00	701.50
		W	25	8.50	61.00	518.50
		W	26	3.50	61.00	213.50
				755.00		46055.00
KLEOPFER, ROBERT D.	87	M	22	4.00	61.00	244.00
				4.00		244.00
LUCKET, BEULAH M.	87	M	03	12.00	61.00	732.00
		M	15	20.00	61.00	1220.00
		M	19	16.00	61.00	976.00
		M	23	16.00	61.00	976.00
				64.00		3904.00
MARCHIN, LAWRENCE M.	87	M	10	1.00	61.00	61.00
		M	24	1.00	61.00	61.00
				2.00		122.00
MATHIS, YVONNE	87	W	04	8.00	61.00	488.00
				8.00		488.00
MCCULLERS, RUBEN B.	87	W	01	49.00	61.00	2989.00
		W	02	45.00	61.00	2745.00
		W	03	23.00	61.00	1403.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MCCULLERS, RUBEN B.	87	W	04	17.00	61.00	1037.00
		W	06	24.00	61.00	1464.00
		W	07	4.00	61.00	244.00
		W	08	73.00	61.00	4453.00
		W	09	46.00	61.00	2806.00
		W	10	53.00	61.00	3233.00
		W	11	36.00	61.00	2196.00
		W	12	50.00	61.00	3050.00
		W	13	45.00	61.00	2745.00
		W	14	38.00	61.00	2318.00
		W	15	60.00	61.00	3660.00
		W	16	43.00	61.00	2623.00
		W	17	32.00	61.00	1952.00
		W	18	98.00	61.00	5978.00
		W	19	96.50	61.00	5886.50
		W	20	53.00	61.00	3233.00
		W	21	97.00	61.00	5917.00
		W	22	59.00	61.00	3599.00
		W	23	98.00	61.00	5978.00
		W	24	82.00	61.00	5002.00
		W	25	140.00	61.00	8540.00
		W	26	89.00	61.00	5429.00
				1450.50		88480.50
MORBY, ROBERT L.	87	W	01	2.00	61.00	122.00
		W	12	1.00	61.00	61.00
		W	17	4.00	61.00	244.00
		W	18	3.00	61.00	183.00
		W	19	5.00	61.00	305.00
		W	20	15.00	61.00	915.00
		W	21	2.00	61.00	122.00
		W	22	2.00	61.00	122.00
		W	23	6.00	61.00	366.00
		W	25	9.00	61.00	549.00
		W	26	12.00	61.00	732.00
				61.00		3721.00
MOREY, DEBRA A.	87	M	01	2.00	61.00	122.00
				2.00		122.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MORRISON, BRUCE A.	87	M	17	4.00	61.00	244.00
				4.00		244.00
PRICE, ROGER E.	87	M	23	5.00	61.00	305.00
				5.00		305.00
ROBERDES, SUZANNE	87	M	01	14.50	61.00	884.50
		M	02	45.00	61.00	2745.00
		M	03	4.00	61.00	244.00
		M	04	3.00	61.00	183.00
		M	05	14.00	61.00	854.00
		M	10	20.50	61.00	1250.50
		M	15	20.50	61.00	1250.50
		M	17	16.00	61.00	976.00
		M	19	54.20	61.00	3306.20
		M	20	48.50	61.00	2958.50
		M	21	30.00	61.00	1830.00
		M	23	29.00	61.00	1769.00
		M	24	14.00	61.00	854.00
		M	25	6.00	61.00	366.00
				319.20		19471.20
RODRIGUEZ, IRINO R.	87	M	02	34.00	61.00	2074.00
		M	03	33.00	61.00	2013.00
		M	05	18.00	61.00	1098.00
		M	15	12.00	61.00	732.00
		M	17	8.00	61.00	488.00
		M	25	15.00	61.00	915.00
				120.00		7320.00
SANDIFER, DONALD E	87	M	06	9.00	61.00	549.00
		M	08	8.00	61.00	488.00
				17.00		1037.00
SIMMONS, DELORES M.	87	M	02	0.50	61.00	30.50
				0.50		30.50

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
SMITH, CRAIG W.	87	W	01	1.00	61.00	61.00
		W	08	1.00	61.00	61.00
		W	09	1.00	61.00	61.00
		W	19	2.00	61.00	122.00
		W	20	2.00	61.00	122.00
				7.00		427.00
TRIPP, DAVID R.	87	W	19	3.00	61.00	183.00
				3.00		183.00
ULMER, DEANNA K.	87	W	04	14.50	61.00	884.50
		W	05	1.00	61.00	61.00
				15.50		945.50
WAGONER, DAVID A.	87	W	16	1.00	61.00	61.00
		W	17	3.00	61.00	183.00
		W	19	1.00	61.00	61.00
		W	20	1.00	61.00	61.00
		W	21	2.00	61.00	122.00
				8.00		488.00
WEATHERFORD, JEFFREY G.	87	M	16	32.00	61.00	1952.00
				32.00		1952.00
WELKER, SHELLEY M.	87	W	02	1.00	61.00	61.00
		W	04	17.00	61.00	1037.00
		W	06	1.00	61.00	61.00
				19.00		1159.00
YUE, KENNETH T.	87	M	02	1.00	61.00	61.00
		M	14	2.00	61.00	122.00
				3.00		183.00
TOTAL PER FISCAL YEAR	87			3835.50		233965.5

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BAILEY, CARL ARTHUR	88	M	06	32.00	61.00	1952.00
		M	14	8.00	61.00	488.00
		M	15	2.00	61.00	122.00
				42.00		2562.00
BATES, DALE I.	88	M	06	7.00	61.00	427.00
		M	10	2.00	61.00	122.00
		M	11	2.00	61.00	122.00
				11.00		671.00
BRUNE, DOUGLAS J.	88	M	09	2.00	61.00	122.00
		M	10	1.00	61.00	61.00
		M	11	5.00	61.00	305.00
				8.00		488.00
BUNN, WILLIAM W.	88	M	08	7.00	61.00	427.00
		M	09	9.00	61.00	549.00
				16.00		976.00
EASLEY, DIANE M.	88	M	06	6.00	61.00	366.00
				6.00		366.00
HESS, GEORGE K.	88	M	02	9.00	61.00	549.00
		M	03	38.00	61.00	2318.00
		M	04	50.00	61.00	3050.00
		M	05	87.00	61.00	5307.00
		M	06	49.00	61.00	2989.00
		M	07	38.00	61.00	2318.00
		M	08	25.00	61.00	1525.00
		M	09	15.00	61.00	915.00
		M	10	37.00	61.00	2257.00
		M	11	7.00	61.00	427.00
		M	12	9.00	61.00	549.00
		M	14	14.00	61.00	854.00
		M	15	6.00	61.00	366.00
		M	17	3.00	61.00	183.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
HESS, GEORGE K.	88	M	20	4.00	61.00	244.00
		M	23	8.00	61.00	488.00
		M	24	14.00	61.00	854.00
				413.00		25193.00
HUDSON, JODY L.	88	M	10	13.00	61.00	793.00
				13.00		793.00
KINSER, STEVEN E.	88	W	01	3.00	61.00	183.00
		W	02	4.50	61.00	274.50
		W	03	17.00	61.00	1037.00
		W	04	10.50	61.00	640.50
		W	05	5.00	61.00	305.00
		W	06	16.00	61.00	976.00
		W	08	13.50	61.00	823.50
		W	09	25.00	61.00	1525.00
		W	10	14.00	61.00	854.00
		W	11	13.50	61.00	823.50
		W	12	5.00	61.00	305.00
		W	13	5.00	61.00	305.00
		W	16	4.00	61.00	244.00
		W	17	4.50	61.00	274.50
		W	18	8.00	61.00	488.00
		W	19	2.00	61.00	122.00
		W	20	11.00	61.00	671.00
		W	21	4.50	61.00	274.50
		W	22	4.00	61.00	244.00
		W	23	15.50	61.00	945.50
		W	24	5.50	61.00	335.50
		W	26	3.00	61.00	183.00
				194.00		11834.00
LUCKET, BEULAH M.	88	M	15	40.00	61.00	2440.00
				40.00		2440.00
MCCULLERS, RUBEN B.	88	W	01	33.00	61.00	2013.00
		W	02	67.00	61.00	4087.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MCCULLERS, RUBEN B.	88	W	03	80.00	61.00	4880.00
		W	04	76.00	61.00	4636.00
		W	05	35.00	61.00	2135.00
		W	06	54.00	61.00	3294.00
		W	07	33.00	61.00	2013.00
		W	09	27.00	61.00	1647.00
		W	11	63.00	61.00	3843.00
		W	13	39.00	61.00	2379.00
		W	14	71.00	61.00	4331.00
		W	16	54.00	61.00	3294.00
		W	18	62.00	61.00	3782.00
		W	19	69.00	61.00	4209.00
		W	20	66.00	61.00	4026.00
		W	21	47.00	61.00	2867.00
		W	22	76.00	61.00	4636.00
		W	23	103.00	61.00	6283.00
		W	24	78.00	61.00	4758.00
		W	26	105.00	61.00	6405.00
				1238.00		75518.00
MORBY, ROBERT L.	88	W	02	1.00	61.00	61.00
		W	03	1.00	61.00	61.00
		W	04	1.00	61.00	61.00
		W	07	2.00	61.00	122.00
		W	08	5.00	61.00	305.00
		W	18	1.00	61.00	61.00
				11.00		671.00
ROBERDES, SUZANNE	88	M	16	9.00	61.00	549.00
				9.00		549.00
SAMEK, PAMELA G.	88	W	21	3.00	61.00	183.00
				3.00		183.00
SMITH, CRAIG W.	88	W	18	1.00	61.00	61.00
				1.00		61.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
WAGONER, DAVID A.	88	W	03	1.00	61.00	61.00
		W	18	1.00	61.00	61.00
				2.00		122.00
TOTAL PER FISCAL YEAR	88			2007.00		122427.0
BLOMGREN, CARL V.	89	W	02	1.00	61.00	61.00
		W	13	2.00	61.00	122.00
		W	14	1.00	61.00	61.00
				4.00		244.00
BRUNE, DOUGLAS J.	89	M	06	2.00	61.00	122.00
		M	07	5.00	61.00	305.00
				7.00		427.00
BUNN, WILLIAM W.	89	M	09	8.00	61.00	488.00
		M	10	3.00	61.00	183.00
		M	12	2.00	61.00	122.00
		M	13	10.00	61.00	610.00
		M	14	1.00	61.00	61.00
				24.00		1464.00
DEIHL, TRUDY	89	M	13	8.00	61.00	488.00
				8.00		488.00
EASLEY, DIANE M.	89	M	02	7.00	61.00	427.00
		M	09	8.00	61.00	488.00
		M	10	6.00	61.00	366.00
		M	12	4.00	61.00	244.00
		M	13	2.00	61.00	122.00
		M	14	1.00	61.00	61.00
				28.00		1708.00
GREENALL, ROBERT L.	89	M	13	2.00	61.00	122.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
				2.00		122.00
KING, RONALD E.	89	W	18	0.50	61.00	30.50
				0.50		30.50
KINSER, STEVEN E.	89	W	01	3.00	61.00	183.00
		W	02	2.00	61.00	122.00
		W	03	7.00	61.00	427.00
		W	04	2.00	61.00	122.00
		W	05	3.00	61.00	183.00
		W	06	13.00	61.00	793.00
		W	07	15.00	61.00	915.00
		W	08	3.00	61.00	183.00
		W	09	9.00	61.00	549.00
		W	10	1.00	61.00	61.00
		W	11	2.00	61.00	122.00
		W	12	3.00	61.00	183.00
		W	13	3.00	61.00	183.00
		W	14	5.00	61.00	305.00
		W	15	13.00	61.00	793.00
		W	16	1.00	61.00	61.00
		W	17	27.00	61.00	1647.00
		W	18	6.00	61.00	366.00
		W	19	1.00	61.00	61.00
		W	22	1.00	61.00	61.00
		W	23	1.00	61.00	61.00
		W	24	3.00	61.00	183.00
		W	25	6.00	61.00	366.00
				130.00		7930.00
KOSAKOWSKI, MICHAEL W.	89	W	03	7.00	61.00	427.00
		W	13	2.00	61.00	122.00
				9.00		549.00
MARCHIN, LAWRENCE M.	89	M	09	2.00	61.00	122.00
		M	10	2.00	61.00	122.00
		M	12	2.00	61.00	122.00
		M	14	0.50	61.00	30.50

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
				6.50		396.50
MCCULLERS, RUBEN B.	89	W	01	44.00	61.00	2684.00
		W	02	64.00	61.00	3904.00
		W	03	42.00	61.00	2562.00
		W	04	63.00	61.00	3843.00
		W	05	61.00	61.00	3721.00
		W	06	46.00	61.00	2806.00
		W	07	34.00	61.00	2074.00
		W	08	69.00	61.00	4209.00
		W	09	62.00	61.00	3782.00
		W	10	78.00	61.00	4758.00
		W	11	51.00	61.00	3111.00
		W	12	78.00	61.00	4758.00
		W	13	78.00	61.00	4758.00
		W	14	79.00	61.00	4819.00
		W	16	30.00	61.00	1830.00
		W	18	70.00	61.00	4270.00
		W	19	77.00	61.00	4697.00
		W	20	68.00	61.00	4148.00
		W	22	44.00	61.00	2684.00
		W	23	79.00	61.00	4819.00
		W	25	154.00	61.00	9394.00
		W	26	-75.00	61.00	-4575.00
		W	27	35.00	61.00	2135.00
				1331.00		81191.00
MORBY, ROBERT L.	89	W	02	1.00	61.00	61.00
		W	25	1.50	61.00	91.50
				2.50		152.50
REGER, JAMES W.	89	W	07	15.00	61.00	915.00
				15.00		915.00
SANDERSON, MICHAEL J.	89	W	13	1.50	61.00	91.50
		W	18	0.50	61.00	30.50
				2.00		122.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
WAGONER, DAVID A.	89	W	18	2.00	61.00	122.00
				2.00		122.00
TOTAL PER FISCAL YEAR	89			1571.50		95861.50
CALOW, MARION S.	90	K	23	1.00	61.00	61.00
				1.00		61.00
CROSSLAND, STEFFANIE G.	90	M	17	2.00	61.00	122.00
				2.00		122.00
HESS, GEORGE K.	90	M	17	8.00	61.00	488.00
				8.00		488.00
HUNT, VIOLET M.	90	W	08	1.00	61.00	61.00
		W	13	0.50	61.00	30.50
		W	15	1.50	61.00	91.50
		W	22	2.00	61.00	122.00
				5.00		305.00
KING, RONALD E.	90	W	09	0.50	61.00	30.50
		W	10	5.50	61.00	335.50
		W	11	0.50	61.00	30.50
		W	22	2.00	61.00	122.00
		W	23	1.00	61.00	61.00
		W	25	0.20	61.00	12.20
		W	26	0.50	61.00	30.50
				10.20		622.20
KINSER, STEVEN E.	90	W	02	26.00	61.00	1586.00
		W	03	34.00	61.00	2074.00
		W	05	1.00	61.00	61.00
		W	06	12.00	61.00	732.00
		W	07	2.00	61.00	122.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	90	W	09	24.00	61.00	1464.00
		W	10	29.00	61.00	1769.00
		W	11	22.00	61.00	1342.00
		W	12	14.50	61.00	884.50
		W	13	9.50	61.00	579.50
		W	14	7.00	61.00	427.00
		W	15	7.00	61.00	427.00
		W	16	1.00	61.00	61.00
		W	21	30.50	61.00	1860.50
		W	22	32.50	61.00	1982.50
		W	23	66.00	61.00	4026.00
		W	24	23.00	61.00	1403.00
		W	25	19.00	61.00	1159.00
		W	26	26.00	61.00	1586.00
		W	27	15.00	61.00	915.00
				401.00		24461.00
KROONE, JANICE J.	90	M	17	6.00	61.00	366.00
				6.00		366.00
LANGEMEIER, RALPH N.	90	K	23	1.00	61.00	61.00
				1.00		61.00
MCCULLERS, RUBEN B.	90	W	01	44.00	61.00	2684.00
		W	03	48.00	61.00	2928.00
		W	22	4.00	61.00	244.00
				96.00		5856.00
MORBY, ROBERT L.	90	W	10	2.00	61.00	122.00
		W	23	2.90	61.00	176.90
		W	25	1.00	61.00	61.00
				5.90		359.90
PETERSON, MARY P.	90	W	09	4.00	61.00	244.00
				4.00		244.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
ROBERDES, SUZANNE	90	M	17	5.00	61.00	305.00
				5.00		305.00
SHEEHY, JOSEPH E.	90	W	09	0.00	61.00	0.00
				0.00		0.00
WAGONER, DAVID A.	90	W	23	2.00	61.00	122.00
				2.00		122.00
WERST, JOLLEEN G.	90	W	09	4.00	61.00	244.00
		W	23	1.50	61.00	91.50
				5.50		335.50
TOTAL PER FISCAL YEAR	90			552.60		33708.60
HUNT, VIOLET M.	91	W	06	3.50	61.00	213.50
		W	07	1.00	61.00	61.00
				4.50		274.50
KING, RONALD E.	91	W	01	0.70	61.00	42.70
		W	02	4.00	61.00	244.00
		W	03	2.20	61.00	134.20
		W	04	5.00	61.00	305.00
		W	05	1.20	61.00	73.20
		W	06	0.70	61.00	42.70
		W	10	1.50	61.00	91.50
				15.30		933.30
KINSER, STEVEN E.	91	W	01	6.00	61.00	366.00
		W	02	43.00	61.00	2623.00
		W	03	56.00	61.00	3416.00
		W	04	35.00	61.00	2135.00
		W	05	42.00	61.00	2562.00
		W	06	33.00	61.00	2013.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 10 OF FISCAL YEAR 91

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	91	W	07	34.00	61.00	2074.00
		W	09	11.00	61.00	671.00
		W	10	48.00	61.00	2928.00
				308.00		18788.00
MORBY, ROBERT L.	91	W	02	2.00	61.00	122.00
		W	03	1.00	61.00	61.00
		W	04	2.00	61.00	122.00
		W	06	0.50	61.00	30.50
		W	09	0.50	61.00	30.50
		W	10	4.00	61.00	244.00
				10.00		610.00
SHEEHY, JOSEPH E.	91	W	09	3.00	61.00	183.00
		W	10	9.00	61.00	549.00
				12.00		732.00
WAGONER, DAVID A.	91	W	03	1.00	61.00	61.00
				1.00		61.00
TOTAL PER FISCAL YEAR	91			350.80		21398.80
				8983.40		547321.40

U.S. EPA HEADQUARTERS PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
THROUGH PAY PERIOD 19 OF FISCAL YEAR 1990 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	PAYROLL HOURS	PAYROLL AMOUNT
BOONE, NELLIE E.	87	17	5.00	70.74
PROGRAM ANALYST	87	18	4.00	56.63
			9.00	127.37
CAMPAGNA, PHILIP R.	88	01	6.00	115.00
CHEMIST	88	03	33.00	850.49
	88	04	1.00	24.12
			40.00	989.61
LEMRO, MARLENE LOUISE	87	11	0.50	9.58
PROGRAM ANALYST	89	10	0.50	10.47
			1.00	20.05
MOZLEY, SALLY R.	90	19	6.00	157.99
UNCLASSIFIED POSITION				
			6.00	157.99
PRITCHETT, THOMAS H.	88	02	1.00	24.64
CHEMIST				
			1.00	24.64
SINGHVI, RAJESHMAL	88	04	4.00	100.24
CHEMIST				
			4.00	100.24
THODE, ANNA CATHERINE	86	23	20.00	350.84
ATTORNEY-ADVISER (	86	24	1.80	30.64
	86	26	9.00	157.87
	86	27	2.00	35.09
	87	01	2.00	35.14
	87	02	14.50	254.43
	87	03	2.50	43.93
	87	04	1.00	17.54
	87	05	0.50	8.76
	87	06	4.50	79.02
	87	11	3.50	68.33
	87	19	1.00	21.44
	87	23	3.00	62.39
	87	24	1.00	20.80

U.S. EPA HEADQUARTERS PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH PAY PERIOD 19 OF FISCAL YEAR 1990 ENDING 01/31/91

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	PAYROLL HOURS	PAYROLL AMOUNT
			66.30	1186.22
			127.30	2606.12

U.S. EPA HEADQUARTERS TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
THROUGH 01/31/91

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
	0TRT395599	T7034	01/13/87	212.00
	000T395599	67128	11/24/86	22.50
				234.50
CAMPAGNA, PHILIP R. CHEMIST	0TRT189864	06114	11/24/87	145.00
	000T189864	06114	11/24/87	263.64
				408.64
				643.14

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

NATIONAL LAB CONTRACT (CLP)

CONTRACTOR: ENSECO/ROCKY MOUNTAIN ANALY. (RMAL)

CONTRACT NUMBER: 68-01-7083

PROJECT OFFICER:

SUMMARY OF SERVICE:

SAMPLE MANAGEMENT COSTS: $ 0.00

ANALYTICAL SERVICES COSTS: $ 5896.26

TOTAL CONTRACTOR COST: $ 5896.26

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
10799	/ /	0.00	R8547	10/20/87	3060.90
10800	/ /	0.00	R8569	12/14/87	2835.36

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

EMERGENCY REMOVAL CLEANUP (ERC) CONTRACT

CONTRACTOR: ENVIRONMENTAL EMERGENCY SERVICES, CO.

CONTRACT NO: 68-01-6860

DELIVERY ORDER NUMBER: 7026

DATES OF SERVICE: FROM: / / TO: / /

PROJECT OFFICER:

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 42850.91

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
1	06/24/86	97511.76	07010	11/05/86	4800.50
2	08/01/84	6060.80	07018	12/08/86	6699.50
2	08/01/84	6060.80	07018	12/08/86	11857.18
3	01/31/86	9102.02	07024	01/05/87	1317.08
4	04/11/85	67260.47	07030	01/30/87	5341.26
5	08/06/86	42116.78	08536	08/10/87	12835.39

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

EMERGENCY RESPONSE UNIT (ERU) CONTRACT

CONTRACTOR: ROY F. WESTON

CONTRACT NO: 68-03-3482

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 5662.10

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
3	12/07/87	504244.37	R8588	01/22/88	2811.32
4	01/11/88	546772.10	R8602	02/19/88	2850.78

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT)

CONTRACTOR: ICF

CONTRACT NO: 68-01-7456

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 263.55

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	08844	08/18/89	263.55

COST SUMMARY DATE: 02/19/91
MARIHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

INTERAGENCY AGREEMENT (IAG)

AGENCY: DEPARTMENT OF JUSTICE

IAG NO: DW15240101

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL IAG COST: $ 16253.12

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	90063	02/02/90	6833.31
	/ /	0.00	90063	02/02/90	1538.72
	/ /	0.00	27900	02/16/90	7881.09
	/ /	0.00	27900	02/26/90	1538.72
	/ /	0.00	90063	08/30/90	-3077.44
	/ /	0.00	90063	12/04/90	1538.72

COST SUMMARY DATE: 02/19/91
MARIHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

INTERAGENCY AGREEMENT (IAG)

AGENCY: DEPARTMENT OF JUSTICE

IAG NO: DW15341501

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL IAG COST: $ 1325.65

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	27907	10/25/89	1325.65

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

MISCELLANEOUS (MIS) EXPENDITURES

VENDOR	PROCUREMENT NUMBER	SUMMARY OF SERVICE	SERVICE DATE	REQUESTOR	VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	SCHED. NUMBER	SCHEDULE DATE	SITE AMOUNT
	0U9800NBLX		/ /			/ /	0.00	P8410	04/22/88	35.16
	0U9800NBLX		/ /			/ /	0.00	P9055	10/26/88	20.51
	7K0360NNSA		/ /			/ /	0.00	MS762	04/16/87	330.90
	7K0368NASA		/ /			/ /	0.00	MS778	06/09/87	974.00
	7K0460NASA		/ /			/ /	0.00	MS771	05/18/87	2820.00
	7K0536NASA		/ /			/ /	0.00	MS788	07/10/87	569.00
	7K0564NBSX		/ /			/ /	0.00	MS844	01/05/87	622.61
	7K0564NBSX		/ /			/ /	0.00	MS795	07/29/87	304.00
	7K0564NBSX		/ /			/ /	0.00	MS825	11/20/87	304.00
	7K0564NBSX		/ /			/ /	0.00	M8166	04/22/88	304.00
	7K0564NBSX		/ /			/ /	0.00	M8202	05/31/88	304.00
	7K0564NBSX		/ /			/ /	0.00	M8263	07/08/88	608.00
	7K0564NBSX		/ /			/ /	0.00	M8313	08/23/88	304.00
	8K0564NBSX		/ /			/ /	0.00	MS874	02/26/88	304.00
	8K0949NNSA		/ /			/ /	0.00	M8319	08/24/88	148.20
	9K0537YDSA		/ /			/ /	0.00		05/17/89	330.60
	DW15250101		/ /			/ /	0.00	90063	01/18/90	8811.22
	DW15250101		/ /			/ /	0.00	90063	01/30/90	-8811.22
	DW15365401		/ /			/ /	0.00	90138	03/14/90	15.87
	DW15365401		/ /			/ /	0.00	27901	03/16/90	1113.57
	DW15365401		/ /			/ /	0.00	27901	03/21/90	1864.75
	DW15469901		/ /			/ /	0.00	27919	11/14/90	428.24
	JN880095		/ /			/ /	0.00	M8248	06/25/88	108.85
	JU880101		/ /			/ /	0.00	M8279	07/28/88	174.19
	T263202		/ /			/ /	0.00	AS828	11/24/87	3.93

Subtotal for the Vendor: $ 11992.38

Total Miscellaneous Expenditures: $ 11992.38

Documentation: Copies of Applicable Paid Vouchers and Treasury Schedules

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

NATIONAL ENFORCEMENT INVESTIGATION CENTER (NEIC)

CONTRACTOR: TECHLAW-CONTRACT EVIDENCE AUDIT TEAM

CONTRACT NO: 68-01-7369

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 80876.77

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
3	04/10/87	225889.11	R8513	05/28/87	272.57
3	04/10/87	225889.11	R8513	06/09/87	272.57
3	04/10/87	225889.11	R8513	06/09/87	-272.57
4	05/07/87	188525.32	R8522	07/15/87	2017.47
5	06/15/87	220624.75	R8526	07/20/87	3335.48
6	07/14/87	191058.19	R8532	08/27/87	7274.14
8	09/10/87	307440.76	R8549	10/22/87	6876.31
7	08/12/87	324918.53	R8541	10/27/87	15761.79
9	10/08/87	369146.42	R8557	11/16/87	8319.54
10	11/20/87	275935.02	R8577	01/04/88	7449.75
11	12/18/87	497688.00	R8593	02/09/88	5456.01
12	01/12/88	267204.43	R8600	02/18/88	806.84
13	01/14/88	131173.20	R8601	02/18/88	497.23
14	02/25/88	476195.78	R8623	04/08/88	4135.89
15	03/18/88	243565.96	R8635	04/30/88	3431.49
16	04/22/88	377907.24	R8658	06/17/88	2648.19
17	05/20/88	196566.62	R8661	06/20/88	1049.56
18	06/17/88	225382.37	R8680	08/08/88	1813.59
19	07/20/88	326326.76	R8694	08/25/88	3338.29
20	08/10/88	222359.41	R8702	10/11/88	1725.06
21	09/14/88	262246.03	R8725	10/22/88	1144.26
22	10/19/88	226820.71	R8747	11/17/88	1901.08
23	11/22/88	220098.61	R8768	12/21/88	122.99
24	12/20/88	189363.58	R8784	01/20/89	70.40
	/ /	0.00	08828	08/22/89	930.35
	/ /	0.00	91829	08/28/89	472.37
	/ /	0.00	R9021	01/23/90	33.43
	/ /	0.00	R8991	01/24/90	68.40

COST SUMMARY DATE: 02/19/91
MARIHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

NATIONAL ENFORCEMENT INVESTIGATION CENTER (NEIC)
-- TECHLAW-CONTRACT EVIDENCE AUDIT TEAM (68-01-7369)

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	R9040	02/01/90	3.49
	/ /	0.00	R8976	02/22/90	-186.45
	/ /	0.00	02522	08/12/90	107.25

COST SUMMARY DATE: 02/19/91
MARIHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

OVERFLIGHT (OVR) CONTRACT

CONTRACTOR: EMS - LOCKHEED

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE: Aerial photography and analysis support

TOTAL CONTRACTOR COST: $ 3000.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
31	09/24/86	73447.00	07005	10/20/86	210.00
35	/ /	0.00	07017	12/03/86	2700.19
38	/ /	0.00	07024	01/05/87	0.70
41	/ /	0.00	7043C	03/23/87	89.11

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

REMEDIAL (REM) CONTRACT

CONTRACTOR: CH2M HILL

CONTRACT NO: 68-01-7251

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 415284.87

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
9B	07/11/86	1448829.49	07083	08/11/86	128.17
10B	08/12/86	1565321.63	07090	09/08/86	4230.27
11B	09/11/86	1978812.46	07003	10/15/86	7061.02
12B	10/10/86	1642628.16	07013	11/17/86	10160.55
13B	/ /	0.00	07019	12/09/86	14754.19
14C	12/12/86	2933406.25	07026	01/14/87	9351.76
16B	01/12/87	2165540.67	07033	02/11/87	11048.91
17	02/10/87	2300441.92	07548	03/27/87	3265.13
	/ /	0.00	07548	04/07/87	10448.46
18	03/09/87	2914754.52	08502	04/07/87	15217.19
19	03/09/87	204740.75	08502	04/08/87	1402.00
20	04/10/87	3157193.42	08511	05/13/87	15231.81
21	05/08/87	3743011.94	08517	06/10/87	13011.85
22	06/10/87	3604274.36	08524	07/08/87	10859.87
23	07/10/87	3916938.78	08533	08/11/87	21521.49
24	08/11/87	3973166.14	08539	09/02/87	36384.29
25	09/11/87	3813161.03	08549	10/14/87	14579.70
26	09/11/87	309005.00	08550	10/19/87	1978.00
27	10/09/87	4420778.96	08558	11/10/87	7871.92
28	11/10/87	4961189.39	08574	12/14/87	5372.02
30	12/10/87	4932986.45	08585	01/11/88	4216.97
31	01/12/88	4774856.82	08598	02/08/88	5239.95
32	02/10/88	4237822.56	08615	03/14/88	4268.24
33	02/10/88	415678.00	08615	03/14/88	2296.00
34	03/10/88	5823754.02	08629	04/12/88	13922.82
35	04/11/88	5469256.36	08642	05/10/88	8941.08
36	05/10/88	5469374.61	08655	06/07/88	7177.84
37	06/10/88	5024707.12	08670	07/07/88	8929.58

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

REMEDIAL (REM) CONTRACT — CH2M HILL
— (68-01-7251)

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
38	06/10/88	1004320.00	08671	07/11/88	3179.00
39	07/11/88	3856836.66	08685	07/21/88	11165.25
40	07/11/88	80927.24	08685	07/28/88	2.87
41	08/10/88	4585842.13	08705	09/09/88	9083.62
42	09/12/88	4064930.28	08721	10/06/88	6356.94
43	10/10/88	4699265.35	08744	11/09/88	11967.95
44	11/10/88	4909514.34	08762	12/02/88	7475.50
45	12/09/88	3171025.91	08779	01/04/89	1504.15
46	12/09/88	393989.30	08779	01/05/89	1323.00
47	01/10/89	2723066.13	08798	02/02/89	7788.48
	/ /	0.00	08822	05/05/89	7846.51
	/ /	0.00	08842	05/11/89	2160.06
	/ /	0.00	08862	05/11/89	4684.07
	/ /	0.00	08885	06/29/89	1350.00
	/ /	0.00	08906	07/13/89	827.51
	/ /	0.00	08924	08/09/89	1723.16
	/ /	0.00	08927	08/10/89	660.00
	/ /	0.00	08950	09/13/89	343.41
	/ /	0.00	08969	10/24/89	1888.93
	/ /	0.00	08987	11/06/89	8118.39
	/ /	0.00	08987	11/06/89	68.70
	/ /	0.00	08987	11/06/89	1720.24
	/ /	0.00	09009	12/11/89	2865.12
	/ /	0.00	09045	02/02/90	481.23
	/ /	0.00	09048	02/07/90	187.00
	/ /	0.00	09050	02/09/90	2123.85
	/ /	0.00	09070	03/12/90	1031.15
	/ /	0.00	09090	04/09/90	10320.12
	/ /	0.00	09114	05/11/90	3997.81
	/ /	0.00	09135	06/12/90	6808.17
	/ /	0.00	09156	07/12/90	2220.23
	/ /	0.00	09176	08/09/90	1841.44
	/ /	0.00	09205	09/20/90	6277.85
	/ /	0.00	09221	10/15/90	11310.27
	/ /	0.00	09243	11/15/90	1031.71
	/ /	0.00	09243	11/15/90	1574.79
	/ /	0.00	09266	12/19/90	424.00
	/ /	0.00	09267	12/20/90	2681.31

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

STATE COOPERATIVE AGREEMENT (SCA)

STATE:

STATE COOPERATIVE AGREEMENT NUMBER: 732101

SUMMARY OF SERVICE:

TOTAL SCA COST: $ 3067.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
446000987	/ /	0.00	07900	08/28/90	2640.00
446000987	/ /	0.00	07910	10/30/90	427.00

COST SUMMARY DATE: 02/19/91
MARIHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ROY F. WESTON

CONTRACT NO: 68-01-6669

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 2334.50

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
66	10/31/86	1357794.29	R7018	12/10/86	1680.04
67	11/26/86	1220366.52	R7340	01/06/87	168.57
68	01/05/87	1476500.71	R7030	02/03/87	280.02
69	01/30/87	1149077.29	R7037	03/05/87	200.87
70	03/02/87	514524.90	R8505	06/10/87	5.00

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ECOLOGY AND ENVIRONMENT

CONTRACT NO: 68-01-7368

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 96067.18

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
7	06/01/87	827761.31	R8522	07/14/87	913.57
12	07/16/87	104190.37	R8533	08/25/87	182.90
14	08/14/87	71271.73	R8544	09/28/87	3.37
21	11/16/87	984698.60	R8576	12/23/87	13.27
23	11/28/87	923271.27	R8588	01/25/88	8093.54
25	01/11/88	716971.88	R8599	02/16/88	40199.52
27	02/12/88	1129294.26	R8617	03/22/88	583.52
	/ /	0.00	R8576	04/23/88	828.73
	/ /	0.00	R8576	04/23/88	-13.27
31	03/14/88	874815.48	R8635	04/30/88	5549.28
	/ /	0.00	81662	06/03/88	-48.41
33	04/08/88	868400.12	R651A	06/04/88	1828.43
33	04/08/88	868400.12	R651A	06/04/88	-873.80
37	05/06/88	949740.15	R8662	06/23/88	585.76
39	06/10/88	899180.68	R8671	07/13/88	269.26
	/ /	0.00	90041	10/21/88	21724.33
46	09/08/88	952423.10	R8725	10/24/88	271.83
	/ /	0.00	08862	08/08/89	1703.19
	/ /	0.00	08866	08/10/89	6521.33
	/ /	0.00	08824	08/14/89	1179.67
	/ /	0.00	08843	08/19/89	458.53
	/ /	0.00	08843	08/19/89	3994.80
	/ /	0.00	R8922	09/14/89	229.33
	/ /	0.00	R8912	09/18/89	515.90
	/ /	0.00	R8970	10/25/89	15.64
	/ /	0.00	R8957	11/16/90	1179.36
	/ /	0.00	R9225	12/14/90	157.60

COST SUMMARY DATE: 02/19/91
MARIHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data Through 01/31/91

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

CONTRACTOR: PLANNING RESEARCH CORPORATION

CONTRACT NO: 68-W9-0006

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 1934.03

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	R9249	12/18/90	0.34
	/ /	0.00	R9271	12/31/90	88.66
	/ /	0.00	R9286	01/29/91	1845.03

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: /_/
Cost Data Through 01/31/91

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

CONTRACTOR: METCALF & EDDY

CONTRACT NO: 68-W9-0007

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 17559.79

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	R9123	06/14/90	0.94
	/ /	0.00	R9098	07/10/90	17157.41
	/ /	0.00	R9231	11/09/90	92.05
	/ /	0.00	R9249	12/13/90	309.39

COST SUMMARY DATE: 02/19/91
Prepared: / /

NARRATIVE SUMMARY/STATEMENT OF FACTS - COSTS FOR MARTHA C. ROSE, (7 8D)

1. The United States Environmental Protection Agency has incurred costs of at least $ 5896.26 for Contract Lab Programs contract expenditures. The total represents the amount spent under the ENSECO/ROCKY MOUNTAIN ANALY. (RMAL) Contract.

2. The United States Environmental Protection Agency has incurred costs of at least $ 42850.91 for Emergency Removal Cleanup Service contract expenditures. The total represents the amount spent under the ENVIRONMENTAL EMERGENCY SERVICES, CO. Contract.

3. The United States Environmental Protection Agency has incurred costs of at least $ 5662.10 for Environmental Response Unit contract expenditures. The total represents the amount spent under the ROY F. WESTON Contract.

4. The United States Environmental Protection Agency has incurred costs of at least $ 263.55 for Environmental Services Assistance Teams contract expenditures. The total represents the amount spent under the ICF Contract.

5. The United States Environmental Protection Agency has incurred costs of at least $ 17578.77 for Interagency Agreement contract expenditures. The total represents the amount spent under the DEPARTMENT OF JUSTICE Contract.

6. The United States Environmental Protection Agency has incurred costs of at least $ 11992.38 for Miscellanceous Contractual contract expenditures. The total represents the amount spent under the Contract.

7. The United States Environmental Protection Agency has incurred costs of at least $ 80876.77 for National Enforcement Investigations Center contract expenditures. The total represents the amount spent under the TECHLAW-CONTRACT EVIDENCE AUDIT TEAM Contract.

8. The United States Environmental Protection Agency has incurred costs of at least $ 3000.00 for Overflight contract expenditures. The total represents the amount spent under the EMS - LOCKHEED Contract.

9. The United States Environmental Protection Agency has incurred costs of at least $ 415284.87 for Remedial contract expenditures. The total represents the amount spent under the CH2M HILL Contract.

10. The United States Environmental Protection Agency has incurred costs of at least $ 3067.00 for State Cooperative Agreement contract expenditures. The total represents the amount spent under the Contract.

COST SUMMARY DATE: 02/19/91
Prepared: / /

NARRATIVE SUMMARY/STATEMENT OF FACTS - COSTS FOR MARTHA C. ROSE, (7 8D)

11. The United States Environmental Protection Agency has incurred costs of at least $ 2334.50 for Technical Assistance Team contract expenditures. The total represents the amount spent under the ROY F. WESTON Contract.

12. The United States Environmental Protection Agency has incurred costs of at least $ 96067.18 for Technical Assistance Team contract expenditures. The total represents the amount spent under the ECOLOGY AND ENVIRONMENT Contract.

13. The United States Environmental Protection Agency has incurred costs of at least $ 1934.03 for Technical Enforcement Support contract expenditures. The total represents the amount spent under the PLANNING RESEARCH CORPORATION Contract.

14. The United States Environmental Protection Agency has incurred costs of at least $ 17559.79 for Technical Enforcement Support contract expenditures. The total represents the amount spent under the METCALF & EDDY Contract.

15. The United States Environmental Protection Agency has incurred costs of at least $ 335220.93 for regional payroll expenses.

16. The United States Environmental Protection Agency has incurred costs of at least $ 1616.38 for regional travel expenses.

17. The United States Environmental Protection Agency has incurred costs of at least $ 547321.40 for EPA indirect costs.

18. The United States Environmental Protection Agency has incurred costs of at least $ 2606.12 for headquarters payroll expenses.

19. The United States Environmental Protection Agency has incurred costs of at least $ 643.14 for headquarters travel expenses.

Total EPA expenditures on this site are at least $ 1591776.08

CPARS LABOR REDISTRIBUTION FORM

O = Original Entry
+ = Increase
- = Decrease
N/ = No Hours

NAME	SOCIAL SECURITY NUMBER	PAY PERIOD	FY	ORIGINAL ACCOUNT NUMBER	NEW ACCOUNT NUMBER	HOURS	O	+/-	N/
Ruben B. McCullers	419-72-0399	22	87	7AGD07W000	7TGB 07W48D	72.0	59.0	+13.0	
Ruben B. McCullers	419-72-0399	15	87	7AGD 07W000	7TGB 07W48D	69.0	60.0	+9.0	
Ruben B. McCullers	419-72-0399	13	87	7AGD 07W000	7TGB 07W48D	51.0	45.0	+6.0	
Ruben B. McCullers	419-72-0399	27	88	8AGD07W000	8TGB 07W48D	34.0	0	+34.0	
Ruben B McCullers	419-72-0399	25	88	8AGD 07W000	8TGB 07W48D	77.50	0	+77.50	
Ruben B. McCullers	419-72-0399	24	88	8AGD 07W000	8TGB 07W48D	93.00	78	+15.0	
Ruben B. McCullers	419-72-0399	17	88	8AGD 07W000	8TGB 07W48D	35.00	0	+35.0	
Ruben B. McCullers	419-72-0399	13	88	8AGD 07W000	8TGB 07W48D	47.00	39	+8.00	
Ruben B. McCullers	419-72-0399	12	88	8AGD 07W000	8TGB 07W48D	84.00	0	+84.00	
Ruben B. McCullers	419-72-0399	11	88	8AGD 07W000	8TGB 07W48D	89.00	63	+26.00	
Ruben B. McCullers	419-72-0399	10	88	8AGD 07W000	8TGB 07W48D	92.00	0	+92.0	
Ruben B. McCullers	419-72-0399	9	88	8AGD 07W000	8TGB 07W48D	35.00	27.0	+8.0	
Ruben B. McCullers	419-72-0399	8	88	8AGD 07W000	8TGB 07W48D	36.50	0	+36.50	
Ruben B. McCullers	419-72-0399	26	89	9AGD 07W000	9TGB 07W48D	75.00	75.0	~~+75.0~~	+215.0
Ruben B. McCullers	419-72-0399	25	89	9TGB 07W48D	9AGD 07W000	77	154.0	-77.0	
Ruben B. McCullers	419-72-0399	24	89	9TGB 07W48D	9AGD 07W000	75	150	-75.0	
Ruben B. McCullers	419-72-0399	24	90	0AGD 07W000	0TGB 07W68D	7.0	0	+7.0	
Ruben B. McCullers	419-72-0399	2	90	0AGD 07W000	0TGB 07W48D	86.0	0	+86.0	
Linda K. McKenzie	480-64-3771	24	87	7TJB 07D68D	7AJA 07D000	17.0	34	-17.0	
Linda K. McKenzie	480-64-3771	25	88	8AJA 07D000	8TJB 07D48D	28.0	0	+28.0	
Linda K. McKenzie	480-64-3771	23	88	8AJA 07D000	8TJB 07D48D	19.8	1	+18.8	
Cheryle L. Micinski	314-48-6769	25	90	0TJB 07D400	0TJB 07D68D	0.5	0	+0.5	
Cheryle L. Micinski	314-48-6769	17	90	0TJB 07D400	0TJB 07D68D	0.5	0	+0.5	
Cheryle L. Micinski	314-48-6769	11	90	0TJB 07D400	0TJB 07D68D	0.5	0	+0.5	
Carol A. Miller	510-72-1084	26	87	7TJB 07D68D	7AJA 07D000	2.0	4.0	-2.0	

Mary Mindrup –
Unprocessed.

FOIA Exemption 6

CPARS LABOR REDISTRIBUTION FORM

O = Original Entry
+ = Increase
- = Decrease
N/ = No Hours

NAME	SOCIAL SECURITY NUMBER	PAY PERIOD	FY	ORIGINAL ACCOUNT NUMBER	NEW ACCOUNT NUMBER	HOURS	O	+/-	N/
Carol A. Miller	[redacted]	01	87	7AJA 07 D000	7TJB 07 D68D	8.0	7.0	+1.0	
Carol A. Miller	[redacted]	06	88	8AJA 07 D000	8TJB 07 D68D	3.0	0	+3.0	
Carol A. Miller	[redacted]	25	88	8AJA 07 D000	8TJB 07 D48D	2.0	0	+2.0	
Carol A. Miller	[redacted]	10	89	9AJA 07 D000	9TJB 07 D68D	7.0	0	+7.0	
~~Carol A. Miller~~				07	07				
Robert L. Morby	[redacted]	23	90	0TGB 07 W400	0TGB 07 W48D	3.0	2.9	+0.1	
Karen S. Pearl	[redacted]	26	87	7TJB 07 D400	7TJB 07 D58D	4.0	0	+4.0	
Karen S. Pearl	[redacted]	27	87	7TJB 07 D58D	7TJB 07 D400	1.0	4.0	-3.0	
Karen S. Pearl	[redacted]	24	87	7TJB 07 D58D	7TJB 07 D400	7.0	14.0	-7.0	
Karen S. Pearl	[redacted]	20	88	8TJB 07 D400	8TJB 07 D58D	5.0	0	+5.0	
Karen S. Pearl	[redacted]	06	88	8TJB 07 D400	8TJB 07 D58D	5.5	0	+5.5	
Karen S. Pearl	[redacted]	03	89	9TJB 07 D400	8TJB 07 D58D	19.5	0	+19.5	
J. Scott Pemberton	[redacted]	27	87	7TJB 07 D58D	7TJB 07 D400	3.8	7.6	-3.8	
J. Scott Pemberton	[redacted]	26	87	7TJB 07 D400	7TJB 07 D58D	21.8	0	+21.8	
J. Scott Pemberton	[redacted]	24	87	7TJB 07 D58D	7TJB 07 D400	28.0	84.0	-56.0	
J. Scott Pemberton	[redacted]	08	88	8TJB 07 D400	8TJB 07 D58D	9.8	0	+9.8	
J. Scott Pemberton	[redacted]	06	88	8TJB 07 D400	8TJB 07 D58D	42.5	0	+42.5	
J. Scott Pemberton	[redacted]	21	89	9TJB 07 D400	9TJB 07 D48D	.80	.70	+0.10	
J. Scott Pemberton	[redacted]	15	89	9TJB 07 D400	9TJB 07 D48D	7.80	7.7	+0.10	
J. Scott Pemberton	[redacted]	10	89	9TJB 07 D400	9TJB 07 D48D	26.8	26.7	+0.1	
J. Scott Pemberton	[redacted]	09	89	9TJB 07 D400	9TJB 07 D48D	39.8	39.7	+0.1	
J. Scott Pemberton	[redacted]	03	89	9TJB 07 D400	9TJB 07 D48D	1.8	1.7	+0.1	
J. Scott Pemberton	[redacted]	24	90	0TJB 07 D400	0TJB 07 D48D	9.0	0	+9.0	
J. Scott Pemberton	[redacted]	13	90	0TJB 07 D400	0TJB 07 D48D	6.8	0	+6.8	
J. Scott Pemberton	[redacted]	06	90	0TJB 07 D40.0	0TJB 07 D48D	1.8	1.7	+0.1	

FOIA Exemption 6

CPARS LABOR REDISTRIBUTION FORM

0 = Original Entry
+ = Increase
- = Decrease
N/ = No Hours

NAME	SOCIAL SECURITY NUMBER	PAY PERIOD	FY	ORIGINAL ACCOUNT NUMBER	NEW ACCOUNT NUMBER	HOURS	O	+/-	N/
Patricia W. Pennington	[redacted]	24	87	7A3X 07G000	7TFA 07G78D	13.5	0	+13.5	
Diana G. Reid	[redacted]	27	87	7TJB 07D48D	7AJA 07D000	8.0	16.0	-8.0	
Diana G. Reid	[redacted]	24	87	7TJB 07D48D	7AJA 07D000	72.5	145.0	-72.5	
Diana G. Reid	[redacted]	25	88	8AJA 07D000	8TJB 07D48D	43.0	0	+43.0	
Diana G. Reid	[redacted]	15	88	8AJA 07D000	8TJB 07D48D	78.0	0	+78.0	
Diana G. Reid	[redacted]	11	88	8TJB 07D48D	8AJA 07D000	77.0	78	-1.0	
Diana G. Reid	[redacted]	06	88	8AJA 07D000	8TJB 07D48D	53.0	0	+53.0	
~~Diana G. Reid~~	[redacted]	~~24~~	~~89~~	~~9A3X 07~~	07				
Diana G. Reid	[redacted]	24	89	9A3X 07D000	9TJB 07D48D	73.0	0	+73.0	
Diana G. Reid	[redacted]	07	89	9AJA 07D000	9TJB 07D48D	37.0	0	+37.0	
Diana G. Reid	[redacted]	10	90	0A3X 07D000	0TJB 07D48D	3.0	0	+3.0	
Diana G. Reid	[redacted]	01	90	0A3X 07D000	0TJB 07D48D	28.0	25.0	+3.0	
~~Roberdes~~	[redacted]			07	07				
Suzanne Roberdes	[redacted]	24	87	7TGB 07M58D	7AGD 07M000	11.00	14.00	-3.0	
Suzanne Roberdes	[redacted]	21	87	7AGD 07M000	7TGB 07M58D	32.00	30.0	+2.0	
Suzanne Roberdes	[redacted]	19	87	7AGD 07M000	7TGB 07M58D	55.20	54.0	+1.0	
Suzanne Roberdes	[redacted]	26	88	8AGD 07M000	7TGB 07MP8D	3.00	0	+3.0	
~~Suzanne Roberdes~~	[redacted]			07	07				
Irma R. Rodriguez	[redacted]	03	87	7TGB 07M58D	7TGB 07M400	20.0	33.0	-13.0	
Craig W. Smith	[redacted]	24	86	6TGB 07W48D	6TGB 07W400	4.0	5.0	-1.0	
Martha R. Steincamp	[redacted]	26	87	7AFE 07D000	7TJB 07D68D	1.0	0	+1.0	
Martha R. Steincamp	[redacted]	13	88	8A2X 07D000	8TJB 07D68D	0.5	0	+0.5	
~~Martha R. Steincamp~~	[redacted]	~~06~~	~~88~~	~~8AFE 07D000~~	~~8TJB 07D68D~~	~~2.0~~	~~0~~	~~+2.0~~	
Martha R. Steincamp	[redacted]	03	88	8TJB 07D48D	8AFE 07D000	1.0	2.0	-1.0	
David A. Wagoner	[redacted]	17	87	7TGB 07W68D	7TGB 07W400	2.0	3.0	-1.0	

FOIA Exemption 6

CPARS LABOR REDISTRIBUTION FORM

O = Original Entry
+ = Increase
- = Decrease
N/ = No Hours

NAME	SOCIAL SECURITY NUMBER	PAY PERIOD	FY	ORIGINAL ACCOUNT NUMBER	NEW ACCOUNT NUMBER	HOURS	O	+/-	N/
David A. Wagoner	[redacted]	7	88	8A80 07 W000	8TGB 07W48D	1.0	0	+1.0	
Edith E. Wilson		24	88	8A3X 07 B000	8TFA 07 B78D	6.0	0	+6.0	
Edith E. Wilson		23	88	8A3X 07 B000	8TFA 07 B78D	10.0	0	+10.0	
Edith E. Wilson		11	88	8A3X 07 B000	8TFA 07 B78D	1.0	0	+1.0	
Edith E. Wilson		09	88	8 A3X 07 B000	8TFA 07 B78D	5.0	0	+5.0	
Edith E. Wilson		03	88	8TFA 07 B78D	8 A3X 07 B000	4.0	8.0	-4.0	
Diane M. Easley		27	87	7 TFA 07 M700	7TFA 07 M98D	3.0	0	+3.0	
Meredith A. Farnan		03	88	8 TJB 07 D48D	8A2X 07 D000	8.5	17.0	-8.5	
Diana G. Reid		17	87	7AJA 07 D000	7TJB 07 D48D	73.5	72.40	+1.1	
~~Helen G. Bennett~~		~~[illegible] 24~~	~~86~~	~~6TFA 07 M700~~	07	~~9.0~~	~~[illegible]~~	~~[illegible]~~	
~~[illegible]~~				07	07				
J. Scott Pemberton		[illegible]05	89	9TJB 07 D400	9TJB 07 D48D	0.8	0.70	+1.0	
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				
				07	07				

COST SUMMARY DATE: 11/19/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

EPA EXPENDITURES

REGIONAL PAYROLL EXPENSES	$ 318660.15
REGIONAL TRAVEL EXPENSES	1619.56
REGIONAL INDIRECT COST	525307.60
HEADQUARTERS PAYROLL EXPENSES	2606.12
HEADQUARTERS TRAVEL EXPENSES	643.14

CONTRACT LAB PROGRAMS (CLP)

- ENSECO/ROCKY MOUNTAIN ANALY. (RMAL) (68-01-7083)	5896.26

EMERGENCY REMOVAL CLEANUP (ERC) SERVICES CONTRACT

- ENVIRONMENTAL EMERGENCY SERVICES, CO. (68-01-6860)	42850.91

ENVIRONMENTAL RESPONSE UNIT (ERU) CONTRACT

- ROY F. WESTON (68-03-3482)	5662.10

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT) CONTRACT

- ICF (68-01-7456)	263.55

INTERAGENCY AGREEMENTS (IAG)

- DEPARTMENT OF JUSTICE (DW15240101)	14714.40
- DEPARTMENT OF JUSTICE (DW15341501)	1325.65

MISCELLANEOUS EXPENDITURES (MIS)

- (OU9800NBLX)	55.67

(This Report does not reflect payroll corrections)
(see CPARS LABOR REDISTRIBUTION FORM)

EPA EXPENDITURES

-	(7K0360NNSA)	330.90
-	(7K0368NASA)	974.00
-	(7K0460NASA)	2820.00
-	(7K0536NASA)	569.00
-	(7K0564NBSX)	2750.61
-	(8K0564NBSX)	304.00
-	(8K0949NNSA)	148.20
-	(9K0537YDSA)	330.60
-	(DW15365401)	2994.19
-	(JN880095)	108.85
-	(JU880101)	174.19
-	(T263202)	3.93

NATIONAL ENFORCEMENT INVESTIGATION (NEI) CENTER EXPENSES

- TECHLAW-CONTRACT EVIDENCE AUDIT TEAM (68-01-7369)	84919.50

OVERFLIGHT (OVR) CONTRACT

- EMS - LOCKHEED	3000.00

REMEDIAL (REM) CONTRACT

- CH2M HILL (68-01-7251)	398262.79

STATE COOPERATIVE AGREEMENTS (SCA)

-	(732101)	2640.00

EPA EXPENDITURES

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

- ROY F. WESTON (68-01-6669)	2334.50
- ECOLOGY AND ENVIRONMENT (68-01-7368)	94730.22

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

- METCALF & EDDY (68-W9-0007)	17158.35

TOTAL EPA EXPENDITURES	1534158.94

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
ANDERSON, JOHN C.	87	11	H	1.00	19.41
SUPERVISORY BUDGET ANALYST	87	24	H	3.00	58.24
	90	03	H	3.00	72.11
				7.00	149.76
BAILEY, CARL ARTHUR	88	06	M	32.00	693.51
ENVIRONMENTAL SCIENTIST	88	14	M	8.00	178.46
	88	15	M	2.00	44.62
				42.00	916.59
BATES, DALE I.	87	22	M	4.00	88.83
SUPV ENVIRONMENTAL PROTECTION	87	24	M	2.00	44.41
SPECI	88	06	M	7.00	155.46
	88	10	M	2.00	45.74
	88	11	M	2.00	45.74
				17.00	380.18
BENNETT, HELEN G.	86	24	M	4.00	32.83
SECRETARY (TYPING)					
				9.00	32.83
BIRKIE, BROOKE K.	87	19	D	3.50	33.04
	87	20	D	0.50	4.71
	87	22	D	1.50	14.19
				5.50	51.94
BLOMGREN, CARL V.	87	20	W	1.00	34.24
ENVIRONMENTAL ENGINEER	87	26	W	1.00	33.78
	89	02	W	1.00	34.33
	89	13	W	2.00	71.17
	89	14	W	1.00	35.57
				6.00	209.09
BOLDING, NORMA J.	89	21	D	20.70	281.54
PARALEGAL SPECIALIST	89	22	D	19.00	257.79
				39.70	539.33
BROWN, HAROLD G.	87	01	M	7.00	174.11

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
BROWN, HAROLD G.	87	15	M	4.00	104.21
CHEMIST	87	20	M	21.00	547.07
	87	21	M	3.00	78.16
				35.00	903.55
BRUNE, DOUGLAS J.	88	09	M	2.00	23.62
ENVIRONMENTAL ENGINEER	88	10	M	1.00	11.82
	88	11	M	5.00	59.07
	89	06	M	2.00	30.19
	89	07	M	5.00	75.50
				15.00	200.20
BUNN, WILLIAM W.	86	25	M	3.00	62.45
ENVIRONMENTAL SCIENTIST	86	26	M	4.00	83.27
	87	01	M	8.00	166.54
	87	02	M	7.00	145.72
	87	06	M	2.00	42.94
	87	07	M	3.00	64.41
	87	19	M	1.00	21.81
	88	08	M	7.00	161.18
	88	09	M	9.00	207.24
	89	09	M	8.00	195.19
	89	10	M	3.00	73.20
	89	12	M	2.00	48.80
	89	13	M	10.00	243.99
	89	14	M	1.00	24.40
				68.00	1541.14
CALOW, MARION S.	90	23	K	1.00	22.04
ENVIRONMENTAL ENGINEER					
				1.00	22.04
CASTOR, MALCOLM O.	86	23	M	8.00	144.89
ENVIRONMENTAL SCIE	86	24	M	3.00	55.51
				11.00	200.40
CLARK, MARY L.	88	01	H	2.00	30.19
OPERATING ACCOUNTANT					
				2.00	30.19

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
CRANK, JEAN A.	86	20	D	1.00	12.35
SECRETARY (STENOGRAPHY)	86	23	D	5.00	61.75
	87	02	D	5.50	72.39
	87	10	D	1.00	12.78
	87	12	D	0.50	6.44
	87	21	D	1.00	12.80
	87	25	D	3.00	38.44
	88	02	D	1.00	12.78
	88	07	D	2.00	25.55
	88	13	D	1.70	26.23
	88	15	D	1.00	13.12
				22.70	294.63
CROSSLAND, ROY J.	87	10	M	8.00	99.67
ENVIRONMENTAL PROTECTION	87	12	M	4.00	49.82
SPECIALIST	87	16	M	8.00	99.67
				20.00	249.16
CROSSLAND, STEFFANIE G.	90	17	M	2.00	20.22
CHEMIST					
				2.00	20.22
DEIHL, TRUDY	89	13	M	8.00	152.14
CHEMIST					
				8.00	152.14
EASLEY, DIANE M.	87	16	M	16.00	309.87
ENVIRONMENTAL SCIENTIST	87	21	M	4.00	77.47
	87	24	M	3.00	58.11
	88	06	M	6.00	116.20
	89	02	M	7.00	139.71
	89	09	M	8.00	172.89
	89	10	M	6.00	129.66
	89	12	M	4.00	86.44
	89	13	M	2.00	43.22
	89	14	M	1.00	21.60
				57.00	1155.17
EVANS, BARRY W.	86	17	M	6.00	43.68
CHEMIST	87	08	M	4.00	33.86

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
EVANS, BARRY W.	87	14	M	8.00	65.02
	87	15	M	15.00	121.91
				33.00	264.47
FARNAN, MEREDITH A. PARALEGAL SPECIALIST	87	09	D	29.50	362.03
	87	16	D	10.80	144.69
	87	17	D	11.00	152.21
	87	18	D	23.00	338.80
	87	19	D	4.00	58.08
	87	20	D	15.00	217.79
	87	22	D	17.50	254.11
	87	25	D	4.00	45.08
	88	03	D	17.00	250.42
	88	04	D	5.20	76.23
	89	15	D	23.00	298.85
	89	17	D	9.00	116.94
	89	18	D	10.00	134.06
	89	21	D	2.00	31.18
				181.00	2480.47
FRANCE-ISETTS, PAULETTA ENVIRONMENTAL ENGINEER	86	23	W	9.50	171.58
				9.50	171.58
FULTON, JAMES B. STUDENT TRAINEE (C	86	23	M	14.00	99.60
	87	03	M	4.00	28.13
				18.00	127.73
GREATHOUSE, PHILLIP	87	19	M	30.00	232.31
	87	22	M	2.00	15.49
	87	23	M	6.00	52.08
				38.00	299.88
GREEN, FLORENCE SECRETARY (STENOGRAPHY)	87	04	W	6.00	84.20
	87	05	W	1.00	10.65
				7.00	94.85
GREENALL, ROBERT L. SUPERVISORY CHEMIST	89	13	M	2.00	44.41

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
				2.00	44.41
HAAS, BERNARD, JR. CHEMIST	86	25	M	2.00	29.95
				2.00	29.95
HESS, GEORGE K. ENVIRONMENTAL SCIENTIST	86	17	M	44.00	677.56
	86	18	M	25.00	389.24
	86	18	M	9.00	140.12
	86	20	M	6.00	93.42
	86	21	M	4.00	62.26
	86	23	M	8.00	144.15
	86	24	M	58.00	1044.24
	86	25	M	67.00	1204.84
	86	26	M	52.00	933.76
	86	27	M	15.00	272.14
	87	01	M	79.50	1425.50
	87	02	M	53.50	967.24
	87	03	M	34.00	613.68
	87	04	M	48.00	861.93
	87	05	M	50.00	897.88
	87	06	M	48.00	861.93
	87	07	M	14.00	253.52
	87	08	M	12.00	239.58
	87	09	M	12.00	240.94
	87	10	M	17.00	339.43
	87	11	M	35.00	698.84
	87	12	M	20.00	399.34
	87	13	M	24.00	479.20
	87	14	M	30.00	591.91
	87	15	M	8.00	171.11
	87	16	M	18.00	384.16
	87	19	M	6.00	128.43
	87	20	M	24.00	509.16
	87	22	M	3.00	70.58
	87	23	M	33.00	776.46
	87	24	M	11.00	258.83
	87	25	M	12.00	283.79
	88	02	M	9.00	208.07
	88	03	M	38.00	878.45
	88	04	M	50.00	1126.24
	88	05	M	87.00	1944.12
	88	06	M	49.00	1132.75
	88	07	M	38.00	883.35

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
HESS, GEORGE K.	88	08	M	25.00	594.39
	88	09	M	15.00	358.63
	88	10	M	37.00	884.61
	88	11	M	7.00	168.31
	88	12	M	9.00	215.18
	88	14	M	14.00	334.73
	88	15	M	6.00	143.46
	88	17	M	3.00	71.72
	88	20	M	4.00	95.64
	88	23	M	8.00	198.10
	88	24	M	14.00	344.04
	90	17	M	8.00	236.57
				1301.00	26233.53
HOOPES, GAYLE LEGAL INTERN	90	18	D	1.00	10.42
				1.00	10.42
HUDSON, JODY L. SUPERVISORY ENVIRONMENTAL SCIENTIST	87	25	M	13.00	228.37
	88	10	M	13.00	239.96
				26.00	468.33
HUNT, VIOLET M. SECRETARY (TYPING)	90	08	W	1.00	11.02
	90	13	W	0.50	5.71
	90	15	W	1.50	17.21
	90	22	W	2.00	23.63
				5.00	57.57
JACKSON, BERLA C. CHEMIST	86	17	M	16.00	166.35
	86	23	M	15.00	160.92
	86	25	M	2.00	26.50
	86	26	M	3.00	32.32
	87	01	M	3.00	32.33
	87	02	M	3.00	32.17
	87	03	M	5.00	53.64
	87	04	M	4.00	42.92
	87	09	M	8.00	112.04
	87	10	M	6.00	84.04
	87	14	M	13.00	182.06
	87	15	M	22.00	317.57
	87	16	M	5.00	72.17

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
JACKSON, BERLA C.	87	17	M	8.00	115.48
	87	19	M	44.00	654.68
	87	21	M	8.00	114.45
	87	23	M	8.00	115.37
				173.00	2315.01
JUSTIS, PATRICIA K. CLERK (TYPING)	87	04	W	5.00	53.95
	87	05	W	4.80	51.25
	87	16	W	1.00	12.33
				10.80	117.53
KERSBERGEN, DONNA G. OPERATING ACCOUNTANT	88	01	H	0.20	3.16
	89	09	H	3.50	65.10
	90	07	H	1.00	19.18
				4.70	87.44
KING, RONALD E. SUPERVISORY ENVIRONMENTAL ENGINEER	89	18	W	0.50	12.38
	90	09	W	0.50	13.07
	90	10	W	5.50	143.68
	90	11	W	0.50	13.07
	90	22	W	2.00	52.24
	90	23	W	1.00	26.13
	90	25	W	0.20	6.54
	90	26	W	0.50	13.07
				10.70	280.18
KINSER, STEVEN E. ENVIRONMENTAL ENGINEER (RPM)	86	16	W	7.00	139.85
	86	17	W	10.00	195.30
	86	18	W	20.00	392.67
	86	18	W	3.00	61.26
	86	19	W	4.00	78.53
	86	20	W	8.00	163.32
	86	21	W	11.00	221.52
	86	22	W	29.00	570.03
	86	24	W	25.00	494.71
	86	25	W	14.00	285.80
	86	26	W	19.00	387.64
	86	27	W	5.00	98.85
	87	01	W	16.50	333.37
	87	02	W	33.00	689.39
	87	03	W	11.00	230.21

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
KINSER, STEVEN E.	87	04	W	10.50	219.75
	87	05	W	4.50	94.16
	87	06	W	52.50	1052.86
	87	07	W	18.00	362.42
	87	08	W	42.50	869.93
	87	09	W	36.00	742.72
	87	10	W	33.00	672.43
	87	11	W	39.50	818.29
	87	12	W	49.50	1017.59
	87	13	W	21.50	439.22
	87	14	W	34.50	713.44
	87	15	W	32.50	660.17
	87	16	W	51.50	1056.90
	87	17	W	43.00	889.08
	87	18	W	26.50	538.13
	87	19	W	35.50	721.77
	87	20	W	36.50	751.09
	87	21	W	47.50	978.94
	87	22	W	27.50	588.56
	87	23	W	28.50	598.98
	87	24	W	11.50	241.62
	87	25	W	8.50	184.55
	87	26	W	3.50	75.86
	88	01	W	3.00	64.99
	88	02	W	4.50	97.68
	88	03	W	17.00	364.80
	88	04	W	10.50	223.79
	88	05	W	5.00	107.50
	88	06	W	16.00	354.40
	88	08	W	13.50	305.86
	88	09	W	25.00	530.46
	88	10	W	14.00	316.94
	88	11	W	13.50	305.72
	88	12	W	5.00	113.25
	88	13	W	5.00	113.24
	88	16	W	4.00	90.54
	88	17	W	4.50	101.95
	88	18	W	8.00	176.76
	88	19	W	2.00	45.28
	88	20	W	11.00	240.49
	88	21	W	4.50	101.89
	88	22	W	4.00	90.55
	88	23	W	15.50	342.09
	88	24	W	5.50	120.21
	88	26	W	3.00	67.83

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
KINSER, STEVEN E.	89	01	W	3.00	63.66
	89	02	W	2.00	45.26
	89	03	W	7.00	137.26
	89	04	W	2.00	45.25
	89	05	W	3.00	64.76
	89	06	W	13.00	301.44
	89	07	W	15.00	347.80
	89	08	W	3.00	70.39
	89	09	W	9.00	219.39
	89	10	W	1.00	24.37
	89	11	W	2.00	48.76
	89	12	W	3.00	73.13
	89	13	W	3.00	73.13
	89	14	W	5.00	121.88
	89	15	W	13.00	316.90
	89	16	W	1.00	24.37
	89	17	W	27.00	658.15
	89	18	W	6.00	146.26
	89	19	W	1.00	24.37
	89	22	W	1.00	24.37
	89	23	W	1.00	24.35
	89	24	W	3.00	73.13
	89	25	W	6.00	146.26
	90	02	W	26.00	633.77
	90	03	W	34.00	828.79
	90	05	W	1.00	24.37
	90	06	W	12.00	292.50
	90	07	W	2.00	48.76
	90	09	W	24.00	609.03
	90	10	W	29.00	735.93
	90	11	W	22.00	600.36
	90	12	W	14.50	395.53
	90	13	W	9.50	259.24
	90	14	W	7.00	191.03
	90	15	W	7.00	191.03
	90	16	W	1.00	27.30
	90	21	W	30.50	832.32
	90	22	W	32.50	886.89
	90	23	W	66.00	1801.08
	90	24	W	23.00	627.65
	90	25	W	19.00	518.49
	90	26	W	26.00	709.52
				1620.00	36195.36
KLEOPFER, ROBERT D.	87	22	M	4.00	112.33

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
				4.00	112.33
KOSAKOWSKI, MICHAEL W.	89	03	W	7.00	235.79
SUPERVISORY PROGRAM ANALYST	89	13	W	2.00	72.19
				9.00	307.98
KROONE, JANICE J.	90	17	M	6.00	137.14
INDUSTRIAL HYGIENIST					
				6.00	137.14
LANGEMEIER, RALPH N.	90	23	K	1.00	33.73
SUPERVISORY ENVIRONMENTAL ENGINEER					
				1.00	33.73
LEWIS, BONITA D.	87	02	D	2.00	18.95
SECRETARY (TYPING)	87	03	D	2.00	18.94
	87	07	D	2.00	18.94
	87	08	D	3.00	29.25
	87	09	D	6.00	58.52
	87	10	D	2.00	19.51
	87	11	D	3.00	29.25
	87	12	D	4.00	39.01
	87	13	D	2.00	19.51
	87	14	D	12.00	140.46
	87	15	D	3.50	34.19
	87	16	D	3.50	34.18
	87	17	D	1.00	9.75
	87	18	D	2.50	24.42
	87	19	D	4.00	39.01
	87	20	D	1.00	9.75
	87	21	D	2.00	19.51
	87	22	D	1.00	9.75
	87	26	D	1.00	8.97
				57.50	581.87
LUCKET, BEULAH M.	86	17	M	4.00	32.81
PHYSICAL SCIENCE AID	86	23	M	8.00	65.59
	87	03	M	12.00	98.39
	87	15	M	20.00	170.83

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
LUCKET, BEULAH M.	87	19	M	16.00	136.65
	87	23	M	16.00	136.65
	88	15	M	40.00	357.99
				116.00	998.91
MAHONEY, EDITH M. LEGAL CLERK (TYPING)	87	18	D	0.50	4.82
	88	21	D	63.00	623.39
				63.50	628.21
MARCHIN, LAWRENCE M. CHEMIST	87	10	M	1.00	15.73
	87	24	M	1.00	15.73
	89	09	M	2.00	35.79
	89	10	M	2.00	35.80
	89	12	M	2.00	35.75
	89	14	M	0.50	8.95
				8.50	147.75
MATHIS, YVONNE SECRETARY (TYPING)	87	04	W	8.00	88.33
				8.00	88.33
MCCULLERS, RUBEN B. CIVIL INVESTIGATOR	86	27	W	8.00	150.17
	87	01	W	49.00	906.41
	87	02	W	45.00	867.98
	87	03	W	23.00	443.64
	87	04	W	17.00	324.35
	87	06	W	24.00	433.07
	87	07	W	4.00	77.13
	87	08	W	73.00	1413.65
	87	09	W	46.00	872.41
	87	10	W	53.00	1025.76
	87	11	W	36.00	665.24
	87	12	W	50.00	954.65
	87	13	W	45.00	867.16
	87	14	W	38.00	718.54
	87	15	W	60.00	1163.53
	87	16	W	43.00	833.82
	87	17	W	32.00	621.76
	87	18	W	98.00	1897.30
	87	19	W	96.50	1890.53
	87	20	W	53.00	1058.72

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MCCULLERS, RUBEN B.	87	21	W	97.00	1890.16
	87	22	W	59.00	1179.92
	87	23	W	98.00	1524.29
	87	24	W	82.00	1596.03
	87	25	W	140.00	2755.32
	87	26	W	89.00	1741.04
	88	01	W	33.00	639.39
	88	02	W	67.00	1294.28
	88	03	W	80.00	1568.10
	88	04	W	76.00	1485.21
	88	05	W	35.00	692.88
	88	06	W	54.00	1064.86
	88	07	W	33.00	659.20
	88	09	W	27.00	556.34
	88	11	W	63.00	1301.85
	88	13	W	39.00	802.58
	88	14	W	71.00	1438.73
	88	16	W	54.00	1111.28
	88	18	W	62.00	1311.59
	88	19	W	69.00	1459.68
	88	20	W	66.00	1396.23
	88	21	W	47.00	994.28
	88	22	W	76.00	1607.79
	88	23	W	103.00	2107.17
	88	24	W	78.00	1652.66
	88	26	W	105.00	2141.81
	89	01	W	44.00	930.82
	89	02	W	64.00	1353.91
	89	03	W	42.00	888.49
	89	04	W	63.00	1332.77
	89	05	W	61.00	1290.43
	89	06	W	46.00	973.12
	89	07	W	34.00	719.25
	89	08	W	69.00	1535.71
	89	09	W	62.00	1379.89
	89	10	W	78.00	1735.91
	89	11	W	51.00	1135.06
	89	12	W	78.00	1736.00
	89	13	W	78.00	1736.01
	89	14	W	79.00	1758.25
	89	16	W	30.00	667.68
	89	18	W	70.00	1557.94
	89	19	W	77.00	1713.74
	89	20	W	68.00	1513.43
	89	22	W	44.00	979.27

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MCCULLERS, RUBEN B.	89	23	W	79.00	1758.25
	89	24	D	150.00	3338.46
	89	25	W	154.00	3427.48
	89	26	W	-75.00	-1669.23
	89	27	W	35.00	778.98
	90	01	W	44.00	979.17
	90	03	W	48.00	1055.87
	90	22	W	4.00	95.21
				4273.50	87860.36
MCCUTCHEON, RONALD D SUPERVISORY ENVIRONMENTAL ENGINEER	86	19	M	3.00	79.99
	86	21	M	3.00	51.81
				6.00	131.80
MCKENZIE, LINDA K. PARALEGAL SPECIALIST	86	18	D	1.00	9.08
	86	19	D	19.00	177.83
	87	18	D	26.00	308.88
	87	19	D	30.00	356.40
	87	20	D	23.50	279.17
	87	21	D	1.80	20.79
	87	22	D	24.50	291.06
	87	23	D	8.00	95.04
	87	24	D	34.00	418.98
	88	03	D	20.00	237.60
	88	04	D	20.50	243.54
	88	05	D	20.00	237.60
	88	06	D	10.20	117.18
	88	07	D	7.00	83.16
	88	23	D	1.00	10.29
	88	24	D	11.50	143.87
				258.00	3030.47
MICHAELS, ROWENA L. PUBLIC AFFAIRS OFFICER	90	03	G	1.00	34.98
	90	23	G	1.00	37.80
				2.00	72.78
MICINSKI, CHERYLE L. SUPERVISORY GENERAL ATTORNEY	88	23	D	10.00	252.29
	88	24	D	1.50	37.82
	89	12	D	0.50	13.59
	89	13	D	0.50	13.58
	89	15	D	0.50	13.52

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MICINSKI, CHERYLE L.	89	19	D	1.50	40.85
	89	21	D	0.50	13.66
	90	02	D	1.00	28.17
	90	08	D	0.50	13.93
	90	09	D	0.50	14.49
	90	10	D	1.50	43.97
	90	18	D	0.50	14.49
	90	21	D	0.50	14.66
	90	23	D	1.50	43.81
				21.00	558.83
MILLER, CAROL A. LEGAL TECHNICIAN (TYPING)	86	26	D	3.00	27.36
	86	27	D	5.00	45.59
	87	01	D	7.00	63.83
	87	02	D	5.00	45.59
	87	03	D	2.00	18.24
	87	04	D	14.00	127.66
	87	05	D	29.00	321.60
	87	06	D	18.00	179.41
	87	07	D	7.00	69.77
	87	08	D	5.50	56.43
	87	09	D	5.50	56.49
	87	10	D	19.00	195.01
	87	11	D	21.00	215.54
	87	12	D	5.00	51.32
	87	13	D	9.00	92.37
	87	14	D	9.00	92.37
	87	15	D	3.00	30.78
	87	16	D	10.00	102.63
	87	17	D	1.00	10.26
	87	19	D	1.00	10.26
	87	20	D	1.00	10.26
	87	21	D	14.00	143.69
	87	23	D	2.00	20.53
	87	25	D	5.00	51.32
	87	26	D	4.00	46.30
	88	01	D	1.00	10.31
	88	02	D	4.00	41.04
	88	03	D	1.00	10.26
	88	04	D	3.00	30.78
	88	07	D	1.00	10.29
	88	10	D	5.00	52.52
	88	12	D	4.00	42.27
	88	13	D	2.00	21.26

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MILLER, CAROL A.	88	15	D	6.00	76.13
	88	16	D	6.00	63.01
	88	17	D	35.00	367.61
	88	18	D	3.00	31.51
	88	19	D	8.00	85.10
	88	20	D	12.00	126.02
	88	21	D	1.00	10.51
	88	22	D	5.00	52.52
	88	23	D	2.00	21.00
	88	24	D	2.00	21.00
	89	03	D	13.00	153.18
	89	08	D	5.00	56.29
	89	09	D	7.00	78.80
	89	11	D	3.00	33.78
	89	13	D	5.00	56.29
	89	14	D	1.00	11.27
	89	15	D	3.00	33.76
	89	23	D	2.00	22.51
				345.00	3603.63
MORBY, ROBERT L. HAZARDOUS MATERIALS OFFICER	86	14	W	1.00	29.18
	86	16	W	4.00	116.75
	86	17	W	1.00	29.18
	86	18	W	3.50	102.26
	86	20	W	0.50	14.71
	86	22	W	2.00	58.37
	86	25	W	5.00	145.89
	86	26	W	0.50	14.69
	87	01	W	2.00	57.66
	87	12	W	1.00	30.96
	87	17	W	4.00	123.81
	87	18	W	3.00	92.84
	87	19	W	5.00	154.78
	87	20	W	15.00	464.33
	87	21	W	2.00	61.91
	87	22	W	2.00	61.91
	87	23	W	6.00	185.73
	87	25	W	9.00	278.60
	87	26	W	12.00	370.15
	88	02	W	1.00	30.56
	88	03	W	1.00	30.56
	88	04	W	1.00	31.32
	88	07	W	2.00	63.45
	88	08	W	5.00	162.89

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MORBY, ROBERT L.	88	18	W	1.00	32.58
	89	02	W	1.00	32.14
	89	25	W	1.50	54.18
	90	10	W	2.00	77.14
	90	23	W	2.90	113.72
	90	25	W	1.00	38.46
				97.90	3060.71
MOREY, DEBRA A. SUPERVISORY CHEMIST	87	01	M	2.00	36.43
				2.00	36.43
MORRISON, BRUCE A. ENVIRONMENTAL ENGINEER (OSC)	87	17	M	4.00	71.33
				4.00	71.33
PEARL, KAREN S. PARALEGAL SPECIALIST	86	17	D	11.00	103.51
	86	18	D	2.00	18.82
	86	20	D	3.00	28.23
	86	21	D	1.00	9.41
	86	23	D	10.00	94.51
	86	24	D	8.00	75.26
	86	25	D	11.00	106.47
	86	26	D	1.00	9.67
	87	08	D	35.50	360.23
	87	09	D	3.00	30.44
	87	10	D	12.00	121.78
	87	11	D	12.00	121.78
	87	12	D	14.00	142.08
	87	13	D	16.00	162.37
	87	14	D	20.00	202.97
	87	15	D	40.00	405.90
	87	16	D	37.00	375.47
	87	17	D	42.00	426.21
	87	18	D	18.00	182.67
	87	19	D	10.00	101.46
	87	20	D	27.00	274.00
	87	21	D	9.00	91.34
	87	22	D	26.00	263.83
	87	24	D	14.00	142.06
	87	25	D	5.00	50.74
	87	27	D	4.00	40.34

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEARL, KAREN S.	88	01	D	4.00	40.65
	88	03	D	9.00	91.34
	88	04	D	7.50	76.15
	88	05	D	9.50	96.45
	88	07	D	3.00	30.44
	88	08	D	9.00	95.12
	88	09	D	4.00	42.29
	88	10	D	3.00	31.70
	88	14	D	5.50	58.18
	88	15	D	2.00	21.16
	88	16	D	1.00	10.56
	88	17	D	1.50	15.90
	88	19	D	2.00	21.12
	88	21	D	25.00	264.24
	88	22	D	41.50	438.68
	88	23	D	4.50	47.71
	88	24	D	10.00	105.70
	89	03	D	19.40	222.91
	89	04	D	6.00	65.18
	89	05	D	1.00	10.85
	89	08	D	4.00	45.68
	89	09	D	22.00	251.25
	89	10	D	1.00	11.40
	89	11	D	6.50	74.26
	89	12	D	11.00	125.69
	89	13	D	6.00	68.53
	89	14	D	1.00	11.43
	89	15	D	1.00	11.40
	89	16	D	5.00	57.09
	89	18	D	1.00	11.43
	90	08	D	1.00	12.20
	90	10	D	2.00	25.50
	90	15	D	1.00	12.72
	90	17	D	25.00	318.63
	90	18	D	3.00	38.22
	90	19	D	1.00	12.72
	90	20	D	2.00	25.46
	90	22	D	1.00	12.74
				654.40	6854.23
PEMBERTON, JAMES SCOTT GENERAL ATTORNEY	86	14	D	6.00	127.14
	86	15	D	0.80	15.88
	86	16	D	14.20	300.98
	86	17	D	38.20	807.97

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEMBERTON, JAMES SCOTT	86	18	D	21.20	448.86
	86	18	D	7.50	158.52
	86	19	D	51.80	1093.24
	86	20	D	13.00	274.61
	86	21	D	23.00	537.50
	86	22	D	19.80	461.60
	86	23	D	46.00	1074.99
	86	24	D	34.80	756.72
	86	25	D	41.50	903.76
	86	26	D	41.80	909.16
	86	27	D	15.20	332.06
	87	01	D	46.20	1007.14
	87	02	D	45.80	996.26
	87	03	D	35.20	767.53
	87	04	D	47.20	1028.84
	87	05	D	64.20	1399.01
	87	06	D	56.50	1224.16
	87	07	D	28.80	626.07
	87	08	D	35.50	797.75
	87	09	D	33.00	741.59
	87	10	D	33.20	747.16
	87	11	D	45.00	1011.25
	87	12	D	43.20	970.79
	87	13	D	33.80	758.49
	87	14	D	40.50	910.23
	87	15	D	39.80	893.33
	87	16	D	48.00	1078.68
	87	17	D	38.50	865.16
	87	18	D	49.20	1106.72
	87	19	D	45.80	1028.16
	87	20	D	48.00	1078.68
	87	21	D	49.00	1101.14
	87	22	D	40.00	898.90
	87	23	D	18.20	410.07
	87	24	D	84.00	1829.93
	87	25	D	22.80	511.29
	87	27	D	7.60	168.56
	88	01	D	9.00	202.23
	88	02	D	7.50	168.63
	88	03	D	27.80	623.65
	88	04	D	28.20	634.80
	88	05	D	21.50	483.13
	88	07	D	18.00	404.51
	88	09	D	9.80	229.63
	88	10	D	12.80	300.28

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEMBERTON, JAMES SCOTT	88	11	D	2.50	58.97
	88	12	D	6.20	147.13
	88	13	D	12.50	294.43
	88	14	D	19.50	459.27
	88	15	D	7.70	182.55
	88	16	D	47.20	1112.58
	88	17	D	37.00	871.26
	88	18	D	9.00	211.94
	88	19	D	13.50	317.99
	88	20	D	14.50	341.43
	88	21	D	16.50	388.62
	88	22	D	26.20	618.07
	88	23	D	24.50	618.20
	88	24	D	18.00	454.12
	88	26	D	4.00	104.34
	89	01	D	2.50	60.56
	89	02	D	1.50	36.45
	89	03	D	1.70	42.45
	89	04	D	1.50	36.45
	89	05	D	0.80	16.94
	89	06	D	12.00	289.22
	89	07	D	19.00	460.37
	89	08	D	47.20	1202.95
	89	09	D	39.70	1010.76
	89	10	D	26.70	679.65
	89	11	D	10.00	254.59
	89	12	D	6.50	165.49
	89	14	D	18.20	464.66
	89	15	D	7.70	195.90
	89	16	D	5.00	127.28
	89	17	D	8.50	216.42
	89	18	D	4.50	114.58
	89	19	D	3.00	76.37
	89	20	D	2.50	63.66
	89	21	D	0.70	19.10
	89	23	D	2.00	50.93
	89	25	D	0.20	6.37
	90	04	D	6.50	165.33
	90	06	D	1.70	43.13
	90	07	D	6.20	157.80
	90	08	D	7.50	190.81
	90	09	D	5.70	150.84
	90	10	D	13.50	357.64
	90	11	D	7.50	198.54
	90	12	D	12.70	336.28

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7/8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEMBERTON, JAMES SCOTT	90	14	D	10.00	264.91
	90	15	D	17.50	463.45
	90	16	D	17.20	456.99
	90	17	D	12.20	323.15
	90	18	D	1.00	26.47
	90	19	D	2.20	58.23
	90	21	D	0.20	6.82
	90	22	D	4.20	115.73
	90	23	D	29.00	789.64
	90	25	D	8.20	224.65
				2231.60	51309.20
PENNINGTON, PATRICIA W. PUBLIC AFFAIRS ASSISTANT	87	25	G	8.00	107.68
	88	23	G	0.50	5.98
				8.50	113.66
PETERSON, MARY P. ENVIRONMENTAL ENGINEER	90	09	W	4.00	78.44
				4.00	78.44
PIET, DAVID A. OPERATING ACCOUNTANT	90	16	H	9.00	207.14
	90	17	H	1.00	23.01
				10.00	230.15
PRICE, ROGER E. CHEMIST	87	23	M	5.00	69.75
				5.00	69.75
REGER, JAMES W. ENVIRONMENTAL ENGINEER	89	07	W	15.00	313.40
				15.00	313.40
REID, DIANA G. PARALEGAL SPECIALIST	87	08	D	7.20	73.40
	87	09	D	34.00	346.74
	87	10	D	36.00	367.13
	87	14	D	18.00	183.57
	87	15	D	44.50	488.44
	87	16	D	31.20	318.67
	87	17	D	72.40	777.86

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
REID, DIANA G.	87	18	D	97.00	1106.53
	87	19	D	102.00	1129.88
	87	20	D	82.50	895.99
	87	21	D	73.80	799.45
	87	22	D	78.00	819.78
	87	23	D	86.80	979.34
	87	24	D	145.00	1557.58
	87	25	D	45.00	458.92
	87	26	D	93.00	933.31
	87	27	D	16.00	163.16
	88	01	D	45.00	458.90
	88	02	D	71.00	740.24
	88	03	D	32.00	326.34
	88	04	D	80.20	901.75
	88	05	D	62.50	671.47
	88	07	D	45.00	458.92
	88	08	D	4.00	42.97
	88	09	D	90.00	1123.31
	88	10	D	61.00	728.15
	88	11	D	78.00	979.52
	88	12	D	92.00	1155.44
	88	13	D	72.00	859.45
	88	14	D	73.00	871.39
	88	16	D	66.00	787.83
	88	17	D	61.00	728.14
	88	18	D	34.00	405.84
	88	19	D	85.00	1038.48
	88	20	D	70.00	835.56
	88	21	D	63.00	752.02
	88	22	D	79.00	943.01
	88	23	D	97.50	1247.36
	88	24	D	85.00	1057.48
	88	26	D	89.50	1113.67
	89	01	D	36.00	429.72
	89	02	D	67.00	799.75
	89	03	D	82.00	1027.13
	89	04	D	60.00	716.22
	89	05	D	56.00	668.45
	89	06	D	70.00	835.56
	89	08	D	52.00	646.15
	89	09	D	45.00	577.75
	89	10	D	76.00	1141.78
	89	11	D	69.00	1073.70
	89	12	D	89.50	1387.87
	89	13	D	67.00	1006.58

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
REID, DIANA G.	89	14	D	69.00	1036.61
	89	15	D	36.00	540.84
	89	16	D	31.00	465.72
	89	17	D	74.00	1111.75
	89	18	D	50.00	751.18
	89	19	D	73.00	1096.70
	89	20	D	73.00	1096.70
	89	21	D	46.50	698.60
	89	22	D	74.50	1119.26
	89	23	D	76.50	1149.30
	89	25	D	70.00	1051.64
	89	26	D	75.00	1126.77
	89	27	D	35.00	525.83
	90	01	D	25.00	375.60
	90	02	D	106.50	1709.20
	90	03	D	63.50	999.32
	90	22	D	4.00	69.96
	90	24	D	9.00	178.59
				4359.10	55041.22
RITTER, RONALD R. CONGRESSIONAL AND INTERGOVERNMENTAL	86	25	B	2.00	61.34
	87	01	B	3.00	90.88
	87	02	B	4.00	121.14
	87	03	B	1.00	30.29
	87	04	B	5.00	138.40
	87	05	B	1.00	30.29
	87	07	B	1.00	30.69
	87	09	B	1.00	31.69
	87	10	B	1.00	31.69
	87	20	B	2.00	63.38
	88	09	B	3.00	97.74
	90	03	B	1.00	35.60
	90	23	B	2.00	76.98
				27.00	840.11
ROBERDES, SUZANNE CHEMIST	86	17	M	17.00	216.60
	86	18	M	3.50	44.64
	86	26	M	15.00	191.08
	86	27	M	1.00	12.76
	87	01	M	14.50	205.84
	87	02	M	45.00	573.27
	87	03	M	4.00	50.96
	87	04	M	3.00	38.21

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
ROBERDES, SUZANNE	87	05	M	14.00	178.34
	87	10	M	20.50	278.51
	87	15	M	20.50	278.51
	87	17	M	16.00	217.33
	87	19	M	54.20	781.37
	87	20	M	48.50	695.77
	87	21	M	30.00	407.50
	87	23	M	29.00	393.92
	87	24	M	14.00	202.98
	87	25	M	6.00	81.49
	88	16	M	9.00	133.95
	90	17	M	5.00	86.23
				369.70	5069.26
RODRIGUEZ, IRINO R. ENVIRONMENTAL PROTECTION SPECIALIST	86	17	M	14.00	164.41
	86	18	M	2.00	23.48
	86	23	M	9.00	105.70
	87	02	M	34.00	471.93
	87	03	M	33.00	446.96
	87	05	M	18.00	211.35
	87	15	M	12.00	149.76
	87	17	M	8.00	99.84
	87	25	M	15.00	187.20
				145.00	1860.63
SAMEK, PAMELA G. ENVIRONMENTAL PROTECTION SPECIALIST	88	21	W	3.00	33.64
				3.00	33.64
SANDERSON, MICHAEL J. SUPERVISORY ENVIRONMENTAL ENGINEER	89	13	W	1.50	54.18
	89	18	W	0.50	18.05
				2.00	72.23
SANDIFER, DONALD E ENVIRONMENTAL ENGINEER	87	06	M	9.00	185.45
	87	08	M	8.00	173.41
				17.00	358.86
SHEEHY, JOSEPH E. CIVIL INVESTIGATOR	90	09	W	0.00	0.00

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
				0.00	0.00
SIMMONS, DELORES M.	86	17	M	1.00	8.92
ENVIRONMENTAL PROTECTION	86	18	M	1.00	8.90
SPECIALIST	86	21	M	0.50	4.49
	87	02	M	0.50	4.49
				3.00	26.80
SMITH, CRAIG W.	86	23	W	1.00	22.75
SUPERVISORY ENVIRONMENTAL	86	24	W	5.00	90.93
ENGINEER	86	25	W	1.00	22.75
	86	26	W	3.00	68.25
	87	01	W	1.00	22.71
	87	08	W	1.00	23.82
	87	09	W	1.00	23.82
	87	19	W	2.00	47.64
	87	20	W	2.00	47.64
	88	18	W	1.00	28.49
				18.00	398.80
SOUSLEY, JOYCE A.	90	04	D	1.00	11.36
SECRETARY (TYPING)	90	09	D	3.00	35.73
				4.00	47.09
STEINCAMP, MARTHA R.	87	12	D	3.00	87.92
REGIONAL COUNSEL	87	13	D	10.50	307.69
	87	14	D	11.00	322.37
	87	15	D	3.00	87.92
	87	16	D	4.00	117.23
	87	17	D	6.00	175.82
	87	18	D	62.00	1817.00
	87	19	D	13.00	380.98
	87	20	D	23.00	674.06
	87	21	D	12.00	351.69
	87	22	D	2.00	58.61
	87	24	D	2.00	58.61
	88	03	D	2.00	59.64
	88	04	D	1.00	29.85
	88	05	D	1.00	29.82
	88	07	D	2.00	60.49
	88	08	D	2.00	61.89
	90	03	D	1.00	35.87

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
				160.50	4717.46
TRIPP, DAVID R.	86	19	D	8.00	270.03
	86	20	D	16.00	540.09
	86	21	D	11.00	371.30
	86	26	D	16.00	533.00
	87	01	D	7.00	233.17
	87	02	D	7.00	233.19
	87	10	D	3.00	104.66
	87	11	D	6.00	215.24
	87	12	D	3.00	107.62
	87	13	D	6.00	215.24
	87	14	D	4.00	149.50
	87	15	D	6.00	224.29
	87	16	D	3.00	101.34
	87	17	D	6.00	209.86
	87	18	D	1.00	37.36
	87	19	W	3.00	101.34
	87	21	D	1.00	37.38
	87	22	D	2.00	74.74
	87	23	D	1.00	43.45
	88	02	D	1.00	42.37
	88	03	D	1.00	42.34
				112.00	3887.51
ULMER, DEANNA K. SECRETARY (TYPING)	87	04	W	14.50	150.83
	87	05	W	1.00	8.50
				15.50	159.33
VAHSHOLTZ, LESTER M. VISUAL INFORMATION SPECIALIST	89	03	H	10.00	205.34
	89	04	H	4.00	82.13
	89	05	H	30.50	626.33
	89	07	H	39.50	811.03
	89	08	H	32.00	689.82
	89	09	H	14.50	312.68
	89	12	H	17.00	366.48
	89	13	H	6.00	129.34
				153.50	3223.15
WAGONER, DAVID A. DIRECTOR, WASTE MANAGEMENT DIVISION	87	16	W	1.00	35.17
	87	17	W	3.00	113.12
	87	19	W	1.00	38.98

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
WAGONER, DAVID A.	87	20	W	1.00	38.98
	87	21	W	2.00	77.95
	88	03	W	1.00	38.47
	88	18	W	1.00	39.20
	89	18	W	2.00	82.08
	90	23	W	2.00	85.28
				14.00	549.23
WASHINGTON, BEVERLY A. FINANCIAL MANAGEMENT ASSISTANT	90	09	H	51.00	733.17
				51.00	733.17
WEATHERFORD, JEFFREY G. ENVIRONMENTAL ENGINEER	86	19	M	3.00	40.29
	86	25	M	5.00	85.45
	86	26	M	2.00	30.82
	87	16	M	32.00	566.30
				42.00	722.86
WELKER, SHELLEY M. ENVIRONMENTAL SCIENTIST	87	02	W	1.00	10.26
	87	04	W	17.00	174.47
	87	06	W	1.00	12.60
				19.00	197.33
WELLS, WANDA H. VISUAL INFORMATION SPECIALIST	89	04	H	4.50	68.14
	89	05	H	2.50	37.88
	89	08	H	4.00	63.29
	89	09	H	8.00	126.56
	89	10	H	1.00	15.82
	89	12	H	15.00	237.30
	89	15	H	4.00	63.29
				39.00	612.28
WERHOLTZ, JANE B. SUPERVISORY GENERA	86	17	D	1.50	39.15
	86	18	D	0.50	13.16
	86	19	D	0.50	13.16
	86	21	D	1.20	32.59
	86	22	D	0.20	6.48
	86	23	D	0.50	13.16
	86	24	D	2.50	65.39
	86	25	D	0.50	13.16

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
WERHOLTZ, JANE B.	87	01	D	1.80	47.00
	87	03	D	0.20	5.75
	87	05	D	0.20	6.58
	87	07	D	0.20	6.67
	87	09	D	0.20	6.88
	87	10	D	0.50	13.98
	87	11	D	1.20	34.63
	87	12	D	0.80	20.86
	87	13	D	0.80	20.86
	87	16	D	0.50	13.98
	87	17	D	2.00	55.49
	87	18	D	0.80	20.86
	87	19	D	0.80	20.86
	87	23	D	0.20	6.88
	87	25	D	0.20	6.88
				17.80	484.41
WERST, JOLLEEN G. ENVIRONMENTAL PROTECTION SPECIALIST	90	09	W	4.00	44.99
	90	23	W	1.50	16.87
				5.50	61.86
WILSON, EDITH E. PUBLIC AFFAIRS SPECIALIST	86	18	B	2.00	35.51
	86	23	B	19.00	347.92
	86	24	B	2.00	36.62
	86	25	B	6.00	109.87
	86	26	B	6.00	109.87
	87	01	B	9.50	173.92
	87	03	B	2.00	37.71
	87	06	B	6.00	113.12
	87	08	B	6.00	116.95
	87	09	B	1.00	19.50
	87	11	B	3.00	58.48
	87	12	B	7.00	136.46
	87	14	B	9.00	175.41
	87	15	B	2.00	38.98
	87	19	B	2.00	38.98
	87	22	B	1.00	19.47
	88	03	B	8.00	160.44
	88	18	B	1.00	20.52
	88	19	B	3.00	63.35
	88	20	B	2.00	42.23
	89	01	B	9.00	190.03
	89	02	B	5.00	105.57

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
WILSON, EDITH E.	89	03	B	6.00	130.16
				117.50	2281.07
WURTZ, STEPHEN P.	88	08	G	2.00	42.11
PUBLIC AFFAIRS SPECIALIST	88	09	G	5.00	105.27
	89	01	G	3.00	64.88
	89	14	G	2.00	46.69
	89	15	G	2.00	46.69
	89	19	G	2.00	46.69
				16.00	352.33
YUE, KENNETH T.	86	17	M	6.00	112.01
CHEMIST	87	02	M	1.00	19.23
	87	14	M	2.00	39.59
				9.00	170.83
				17742.10	318660.15

U.S. EPA REGION VII TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH / /

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
	00A7870097	MS73A	08/07/87	2.91
	00SE870106	MS75B	09/09/87	23.36
	00JN880095	M8248	06/25/88	13.02
	00SE880114	M8348	09/22/88	2.35
	00SE880117	M8354	09/24/88	0.90
	00MR880074	MS890	03/30/88	2.55
	00SE880117	M8354	09/24/88	18.84
	00AP880087	M8167	05/26/88	25.20
	00MR880071	MS884	03/18/88	69.00
	00JN880096	M8253	06/21/88	13.02
	0007DA0112		04/28/89	7.12
	0007DA0710		05/20/89	19.50
	0007DA0729		06/27/89	35.63
	0007DA0751		08/10/89	40.13
	0007DA0752		08/10/89	24.00
	0007DA0766		08/25/89	41.25
	0007DA0785		09/22/89	41.63
	0007WB0771		06/27/89	25.89
	0007WC0805		08/11/89	32.26 0
	0007WC0805		08/11/89	-32.26 0
	0007WC0805		08/11/89	32.26
	0007WC0836		08/25/89	21.39
	0007DA0795		10/02/89	15.38
	9007DA0051		11/29/89	37.20
	9007DA0136		03/16/90	12.85
	0007DA0800		10/31/89	43.00
	0007WC0912		10/31/89	38.86
				607.24
BAILEY, CARL ARTHUR ENVIRONMENTAL SCIENTIST	000T205088	AS881	04/08/88	12.50
				12.50
HESS, GEORGE K. ENVIRONMENTAL SCIENTIST	000T295746	AS708	10/25/86	37.50
	000T263202	AS828	11/24/87	87.50
	000T263772	AS836	12/10/87	100.00
	000T205087	AS881	04/08/88	12.50
				237.50
KAY, MORRIS REGIONAL ADMINISTRATOR	000C890001	M9001	10/13/88	15.00

U.S. EPA REGION VII TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH / /

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
				15.00
KINSER, STEVEN E. ENVIRONMENTAL ENGINEER (RPM)	000T296987	AS72B	07/24/87	46.84
				46.84
MCCULLERS, RUBEN B. CIVIL INVESTIGATOR	000T177880	AS798	06/11/87	50.00
	0TRT252001	AS72B	07/21/87	198.00
	000T252001	AS72B	07/21/87	110.57
				358.57
REID, DIANA G. PARALEGAL SPECIALIST	000T177924	AS798	06/11/87	50.00
	0TRT177927	AS82A	07/21/87	198.00
	000T177927	AS82A	07/21/87	93.91
				341.91
				1619.56

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

ACCOUNTING PERIOD	FISCAL YEAR	PAYROLL HOURS	INDIRECT RATE	INDIRECT COSTS
FISCAL YEAR	86	671.00	60.00	40260.00
FISCAL YEAR	87	3835.50	61.00	233965.50
FISCAL YEAR	88	2007.00	61.00	122427.00
FISCAL YEAR	89	1571.50	61.00	95861.50
FISCAL YEAR	90	537.60	61.00	32793.60
TOTAL :		8622.60		525307.60

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BENNETT, HELEN G.	86	M	24	9.00	60.00	540.00
BENNETT, HELEN G.				9.00		540.00
BUNN, WILLIAM W.	86	M	25	3.00	60.00	180.00
		M	26	4.00	60.00	240.00
BUNN, WILLIAM W.				7.00		420.00
CASTOR, MALCOLM O.	86	M	23	8.00	60.00	480.00
		M	24	3.00	60.00	180.00
CASTOR, MALCOLM O.				11.00		660.00
EVANS, BARRY W.	86	M	17	6.00	60.00	360.00
EVANS, BARRY W.				6.00		360.00
FRANCE-ISETTS, PAULETTA	86	W	23	9.50	60.00	570.00
FRANCE-ISETTS, PAULETTA				9.50		570.00
FULTON, JAMES B.	86	M	23	14.00	60.00	840.00
FULTON, JAMES B.				14.00		840.00
HAAS, BERNARD, JR.	86	M	25	2.00	60.00	120.00
HAAS, BERNARD, JR.				2.00		120.00
HESS, GEORGE K.	86	M	18	25.00	60.00	1500.00
		M	20	6.00	60.00	360.00
		M	21	4.00	60.00	240.00
		M	23	8.00	60.00	480.00
		M	24	58.00	60.00	3480.00
		M	25	67.00	60.00	4020.00
		M	26	52.00	60.00	3120.00
		M	27	15.00	60.00	900.00
		M	17	44.00	60.00	2640.00
		M	18	9.00	60.00	540.00
HESS, GEORGE K.				288.00		17280.00
JACKSON, BERLA C.	86	M	23	15.00	60.00	900.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
JACKSON, BERLA C.	86	M	25	2.00	60.00	120.00
		M	26	3.00	60.00	180.00
		M	17	16.00	60.00	960.00
JACKSON, BERLA C.				36.00		2160.00
KINSER, STEVEN E.	86	W	18	20.00	60.00	1200.00
		W	19	4.00	60.00	240.00
		W	20	8.00	60.00	480.00
		W	21	11.00	60.00	660.00
		W	22	29.00	60.00	1740.00
		W	24	25.00	60.00	1500.00
		W	25	14.00	60.00	840.00
		W	26	19.00	60.00	1140.00
		W	27	5.00	60.00	300.00
		W	16	7.00	60.00	420.00
		W	17	10.00	60.00	600.00
		W	18	3.00	60.00	180.00
KINSER, STEVEN E.				155.00		9300.00
LUCKET, BEULAH M.	86	M	23	8.00	60.00	480.00
		M	17	4.00	60.00	240.00
LUCKET, BEULAH M.				12.00		720.00
MCCULLERS, RUBEN B.	86	W	27	8.00	60.00	480.00
MCCULLERS, RUBEN B.				8.00		480.00
MCCUTCHEON, RONALD D	86	M	19	3.00	60.00	180.00
		M	21	3.00	60.00	180.00
MCCUTCHEON, RONALD D				6.00		360.00
MORBY, ROBERT L.	86	W	18	3.50	60.00	210.00
		W	20	0.50	60.00	30.00
		W	22	2.00	60.00	120.00
		W	25	5.00	60.00	300.00
		W	26	0.50	60.00	30.00
		W	14	1.00	60.00	60.00
		W	16	4.00	60.00	240.00
		W	17	1.00	60.00	60.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MORBY, ROBERT L.				17.50		1050.00
ROBERDES, SUZANNE	86	M	26	15.00	60.00	900.00
		M	27	1.00	60.00	60.00
		M	17	17.00	60.00	1020.00
		M	18	3.50	60.00	210.00
ROBERDES, SUZANNE				36.50		2190.00
RODRIGUEZ, IRINO R.	86	M	23	9.00	60.00	540.00
		M	17	14.00	60.00	840.00
		M	18	2.00	60.00	120.00
RODRIGUEZ, IRINO R.				25.00		1500.00
SIMMONS, DELORES M.	86	M	21	0.50	60.00	30.00
		M	17	1.00	60.00	60.00
		M	18	1.00	60.00	60.00
SIMMONS, DELORES M.				2.50		150.00
SMITH, CRAIG W.	86	W	23	1.00	60.00	60.00
		W	24	5.00	60.00	300.00
		W	25	1.00	60.00	60.00
		W	26	3.00	60.00	180.00
SMITH, CRAIG W.				10.00		600.00
WEATHERFORD, JEFFREY G.	86	M	19	3.00	60.00	180.00
		M	25	5.00	60.00	300.00
		M	26	2.00	60.00	120.00
WEATHERFORD, JEFFREY G.				10.00		600.00
YUE, KENNETH T.	86	M	17	6.00	60.00	360.00
YUE, KENNETH T.				6.00		360.00
TOTAL PER FISCAL YEAR	86			671.00		40260.00
BATES, DALE I.	87	M	22	4.00	61.00	244.00
		M	24	2.00	61.00	122.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BATES, DALE I.				6.00		366.00
BLOMGREN, CARL V.	87	W	20	1.00	61.00	61.00
		W	26	1.00	61.00	61.00
BLOMGREN, CARL V.				2.00		122.00
BROWN, HAROLD G.	87	M	01	7.00	61.00	427.00
		M	15	4.00	61.00	244.00
		M	20	21.00	61.00	1281.00
		M	21	3.00	61.00	183.00
BROWN, HAROLD G.				35.00		2135.00
BUNN, WILLIAM W.	87	M	01	8.00	61.00	488.00
		M	02	7.00	61.00	427.00
		M	06	2.00	61.00	122.00
		M	07	3.00	61.00	183.00
		M	19	1.00	61.00	61.00
BUNN, WILLIAM W.				21.00		1281.00
CROSSLAND, ROY J.	87	M	10	8.00	61.00	488.00
		M	12	4.00	61.00	244.00
		M	16	8.00	61.00	488.00
CROSSLAND, ROY J.				20.00		1220.00
EASLEY, DIANE M.	87	M	16	16.00	61.00	976.00
		M	21	4.00	61.00	244.00
		M	24	3.00	61.00	183.00
EASLEY, DIANE M.				23.00		1403.00
EVANS, BARRY W.	87	M	08	4.00	61.00	244.00
		M	14	8.00	61.00	488.00
		M	15	15.00	61.00	915.00
EVANS, BARRY W.				27.00		1647.00
FULTON, JAMES B.	87	M	03	4.00	61.00	244.00
FULTON, JAMES B.				4.00		244.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
GREATHOUSE, PHILLIP	87	M	19	30.00	61.00	1830.00
		M	22	2.00	61.00	122.00
		M	23	6.00	61.00	366.00
GREATHOUSE, PHILLIP				38.00		2318.00
GREEN, FLORENCE	87	W	04	6.00	61.00	366.00
		W	05	1.00	61.00	61.00
GREEN, FLORENCE				7.00		427.00
HESS, GEORGE K.	87	M	01	79.50	61.00	4849.50
		M	02	53.50	61.00	3263.50
		M	03	34.00	61.00	2074.00
		M	04	48.00	61.00	2928.00
		M	05	50.00	61.00	3050.00
		M	06	48.00	61.00	2928.00
		M	07	14.00	61.00	854.00
		M	08	12.00	61.00	732.00
		M	09	12.00	61.00	732.00
		M	10	17.00	61.00	1037.00
		M	11	35.00	61.00	2135.00
		M	12	20.00	61.00	1220.00
		M	13	24.00	61.00	1464.00
		M	14	30.00	61.00	1830.00
		M	15	8.00	61.00	488.00
		M	16	18.00	61.00	1098.00
		M	19	6.00	61.00	366.00
		M	20	24.00	61.00	1464.00
		M	22	3.00	61.00	183.00
		M	23	33.00	61.00	2013.00
		M	24	11.00	61.00	671.00
		M	25	12.00	61.00	732.00
HESS, GEORGE K.				592.00		36112.00
HUDSON, JODY L.	87	M	25	13.00	61.00	793.00
HUDSON, JODY L.				13.00		793.00
JACKSON, BERLA C.	87	M	01	3.00	61.00	183.00
		M	02	3.00	61.00	183.00
		M	03	5.00	61.00	305.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
JACKSON, BERLA C.	87	M	04	4.00	61.00	244.00
		M	09	8.00	61.00	488.00
		M	10	6.00	61.00	366.00
		M	14	13.00	61.00	793.00
		M	15	22.00	61.00	1342.00
		M	16	5.00	61.00	305.00
		M	17	8.00	61.00	488.00
		M	19	44.00	61.00	2684.00
		M	21	8.00	61.00	488.00
		M	23	8.00	61.00	488.00
JACKSON, BERLA C.				137.00		8357.00
JUSTIS, PATRICIA K.	87	W	04	5.00	61.00	305.00
		W	05	4.80	61.00	292.80
		W	16	1.00	61.00	61.00
JUSTIS, PATRICIA K.				10.80		658.80
KINSER, STEVEN E.	87	W	01	16.50	61.00	1006.50
		W	02	33.00	61.00	2013.00
		W	03	11.00	61.00	671.00
		W	04	10.50	61.00	640.50
		W	05	4.50	61.00	274.50
		W	06	52.50	61.00	3202.50
		W	07	18.00	61.00	1098.00
		W	08	42.50	61.00	2592.50
		W	09	36.00	61.00	2196.00
		W	10	33.00	61.00	2013.00
		W	11	39.50	61.00	2409.50
		W	12	49.50	61.00	3019.50
		W	13	21.50	61.00	1311.50
		W	14	34.50	61.00	2104.50
		W	15	32.50	61.00	1982.50
		W	16	51.50	61.00	3141.50
		W	17	43.00	61.00	2623.00
		W	18	26.50	61.00	1616.50
		W	19	35.50	61.00	2165.50
		W	20	36.50	61.00	2226.50
		W	21	47.50	61.00	2897.50
		W	22	27.50	61.00	1677.50
		W	23	28.50	61.00	1738.50
		W	24	11.50	61.00	701.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	87	W	25	8.50	61.00	518.50
		W	26	3.50	61.00	213.50
KINSER, STEVEN E.				755.00		46055.00
KLEOPFER, ROBERT D.	87	M	22	4.00	61.00	244.00
KLEOPFER, ROBERT D.				4.00		244.00
LUCKET, BEULAH M.	87	M	03	12.00	61.00	732.00
		M	15	20.00	61.00	1220.00
		M	19	16.00	61.00	976.00
		M	23	16.00	61.00	976.00
LUCKET, BEULAH M.				64.00		3904.00
MARCHIN, LAWRENCE M.	87	M	10	1.00	61.00	61.00
		M	24	1.00	61.00	61.00
MARCHIN, LAWRENCE M.				2.00		122.00
MATHIS, YVONNE	87	W	04	8.00	61.00	488.00
MATHIS, YVONNE				8.00		488.00
MCCULLERS, RUBEN B.	87	W	01	49.00	61.00	2989.00
		W	02	45.00	61.00	2745.00
		W	03	23.00	61.00	1403.00
		W	04	17.00	61.00	1037.00
		W	06	24.00	61.00	1464.00
		W	07	4.00	61.00	244.00
		W	08	73.00	61.00	4453.00
		W	09	46.00	61.00	2806.00
		W	10	53.00	61.00	3233.00
		W	11	36.00	61.00	2196.00
		W	12	50.00	61.00	3050.00
		W	13	45.00	61.00	2745.00
		W	14	38.00	61.00	2318.00
		W	15	60.00	61.00	3660.00
		W	16	43.00	61.00	2623.00
		W	17	32.00	61.00	1952.00
		W	18	98.00	61.00	5978.00
		W	19	96.50	61.00	5886.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MCCULLERS, RUBEN B.	87	W	20	53.00	61.00	3233.00
		W	21	97.00	61.00	5917.00
		W	22	59.00	61.00	3599.00
		W	23	98.00	61.00	5978.00
		W	24	82.00	61.00	5002.00
		W	25	140.00	61.00	8540.00
		W	26	89.00	61.00	5429.00
MCCULLERS, RUBEN B.				1450.50		88480.50
MORBY, ROBERT L.	87	W	01	2.00	61.00	122.00
		W	12	1.00	61.00	61.00
		W	17	4.00	61.00	244.00
		W	18	3.00	61.00	183.00
		W	19	5.00	61.00	305.00
		W	20	15.00	61.00	915.00
		W	21	2.00	61.00	122.00
		W	22	2.00	61.00	122.00
		W	23	6.00	61.00	366.00
		W	25	9.00	61.00	549.00
		W	26	12.00	61.00	732.00
MORBY, ROBERT L.				61.00		3721.00
MOREY, DEBRA A.	87	M	01	2.00	61.00	122.00
MOREY, DEBRA A.				2.00		122.00
MORRISON, BRUCE A.	87	M	17	4.00	61.00	244.00
MORRISON, BRUCE A.				4.00		244.00
PRICE, ROGER E.	87	M	23	5.00	61.00	305.00
PRICE, ROGER E.				5.00		305.00
ROBERDES, SUZANNE	87	M	01	14.50	61.00	884.50
		M	02	45.00	61.00	2745.00
		M	03	4.00	61.00	244.00
		M	04	3.00	61.00	183.00
		M	05	14.00	61.00	854.00
		M	10	20.50	61.00	1250.50
		M	15	20.50	61.00	1250.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
ROBERDES, SUZANNE	87	M	17	16.00	61.00	976.00
		M	19	54.20	61.00	3306.20
		M	20	48.50	61.00	2958.50
		M	21	30.00	61.00	1830.00
		M	23	29.00	61.00	1769.00
		M	24	14.00	61.00	854.00
		M	25	6.00	61.00	366.00
ROBERDES, SUZANNE				319.20		19471.20
RODRIGUEZ, IRINO R.	87	M	02	34.00	61.00	2074.00
		M	03	33.00	61.00	2013.00
		M	05	18.00	61.00	1098.00
		M	15	12.00	61.00	732.00
		M	17	8.00	61.00	488.00
		M	25	15.00	61.00	915.00
RODRIGUEZ, IRINO R.				120.00		7320.00
SANDIFER, DONALD E	87	M	06	9.00	61.00	549.00
		M	08	8.00	61.00	488.00
SANDIFER, DONALD E				17.00		1037.00
SIMMONS, DELORES M.	87	M	02	0.50	61.00	30.50
SIMMONS, DELORES M.				0.50		30.50
SMITH, CRAIG W.	87	W	01	1.00	61.00	61.00
		W	08	1.00	61.00	61.00
		W	09	1.00	61.00	61.00
		W	19	2.00	61.00	122.00
		W	20	2.00	61.00	122.00
SMITH, CRAIG W.				7.00		427.00
TRIPP, DAVID R.	87	W	19	3.00	61.00	183.00
TRIPP, DAVID R.				3.00		183.00
ULMER, DEANNA K.	87	W	04	14.50	61.00	884.50
		W	05	1.00	61.00	61.00
ULMER, DEANNA K.				15.50		945.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
WAGONER, DAVID A.	87	W	16	1.00	61.00	61.00
		W	17	3.00	61.00	183.00
		W	19	1.00	61.00	61.00
		W	20	1.00	61.00	61.00
		W	21	2.00	61.00	122.00
WAGONER, DAVID A.				8.00		488.00
WEATHERFORD, JEFFREY G.	87	M	16	32.00	61.00	1952.00
WEATHERFORD, JEFFREY G.				32.00		1952.00
WELKER, SHELLEY M.	87	W	02	1.00	61.00	61.00
		W	04	17.00	61.00	1037.00
		W	06	1.00	61.00	61.00
WELKER, SHELLEY M.				19.00		1159.00
YUE, KENNETH T.	87	M	02	1.00	61.00	61.00
		M	14	2.00	61.00	122.00
YUE, KENNETH T.				3.00		183.00
TOTAL PER FISCAL YEAR	87			3835.50		233965.5
BAILEY, CARL ARTHUR	88	M	06	32.00	61.00	1952.00
		M	14	8.00	61.00	488.00
		M	15	2.00	61.00	122.00
BAILEY, CARL ARTHUR				42.00		2562.00
BATES, DALE I.	88	M	06	7.00	61.00	427.00
		M	10	2.00	61.00	122.00
		M	11	2.00	61.00	122.00
BATES, DALE I.				11.00		671.00
BRUNE, DOUGLAS J.	88	M	09	2.00	61.00	122.00
		M	10	1.00	61.00	61.00
		M	11	5.00	61.00	305.00
BRUNE, DOUGLAS J.				8.00		488.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BUNN, WILLIAM W.	88	M	08	7.00	61.00	427.00
		M	09	9.00	61.00	549.00
BUNN, WILLIAM W.				16.00		976.00
EASLEY, DIANE M.	88	M	06	6.00	61.00	366.00
EASLEY, DIANE M.				6.00		366.00
HESS, GEORGE K.	88	M	02	9.00	61.00	549.00
		M	03	38.00	61.00	2318.00
		M	04	50.00	61.00	3050.00
		M	05	87.00	61.00	5307.00
		M	06	49.00	61.00	2989.00
		M	07	38.00	61.00	2318.00
		M	08	25.00	61.00	1525.00
		M	09	15.00	61.00	915.00
		M	10	37.00	61.00	2257.00
		M	11	7.00	61.00	427.00
		M	12	9.00	61.00	549.00
		M	14	14.00	61.00	854.00
		M	15	6.00	61.00	366.00
		M	17	3.00	61.00	183.00
		M	20	4.00	61.00	244.00
		M	23	8.00	61.00	488.00
		M	24	14.00	61.00	854.00
HESS, GEORGE K.				413.00		25193.00
HUDSON, JODY L.	88	M	10	13.00	61.00	793.00
HUDSON, JODY L.				13.00		793.00
KINSER, STEVEN E.	88	W	01	3.00	61.00	183.00
		W	02	4.50	61.00	274.50
		W	03	17.00	61.00	1037.00
		W	04	10.50	61.00	640.50
		W	05	5.00	61.00	305.00
		W	06	16.00	61.00	976.00
		W	08	13.50	61.00	823.50
		W	09	25.00	61.00	1525.00
		W	10	14.00	61.00	854.00
		W	11	13.50	61.00	823.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	88	W	12	5.00	61.00	305.00
		W	13	5.00	61.00	305.00
		W	16	4.00	61.00	244.00
		W	17	4.50	61.00	274.50
		W	18	8.00	61.00	488.00
		W	19	2.00	61.00	122.00
		W	20	11.00	61.00	671.00
		W	21	4.50	61.00	274.50
		W	22	4.00	61.00	244.00
		W	23	15.50	61.00	945.50
		W	24	5.50	61.00	335.50
		W	26	3.00	61.00	183.00
KINSER, STEVEN E.				194.00		11834.00
LUCKET, BEULAH M.	88	M	15	40.00	61.00	2440.00
LUCKET, BEULAH M.				40.00		2440.00
MCCULLERS, RUBEN B.	88	W	01	33.00	61.00	2013.00
		W	02	67.00	61.00	4087.00
		W	03	80.00	61.00	4880.00
		W	04	76.00	61.00	4636.00
		W	05	35.00	61.00	2135.00
		W	06	54.00	61.00	3294.00
		W	07	33.00	61.00	2013.00
		W	09	27.00	61.00	1647.00
		W	11	63.00	61.00	3843.00
		W	13	39.00	61.00	2379.00
		W	14	71.00	61.00	4331.00
		W	16	54.00	61.00	3294.00
		W	18	62.00	61.00	3782.00
		W	19	69.00	61.00	4209.00
		W	20	66.00	61.00	4026.00
		W	21	47.00	61.00	2867.00
		W	22	76.00	61.00	4636.00
		W	23	103.00	61.00	6283.00
		W	24	78.00	61.00	4758.00
		W	26	105.00	61.00	6405.00
MCCULLERS, RUBEN B.				1238.00		75518.00
MORBY, ROBERT L.	88	W	02	1.00	61.00	61.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MORBY, ROBERT L.	88	W	03	1.00	61.00	61.00
		W	04	1.00	61.00	61.00
		W	07	2.00	61.00	122.00
		W	08	5.00	61.00	305.00
		W	18	1.00	61.00	61.00
MORBY, ROBERT L.				11.00		671.00
ROBERDES, SUZANNE	88	M	16	9.00	61.00	549.00
ROBERDES, SUZANNE				9.00		549.00
SAMEK, PAMELA G.	88	W	21	3.00	61.00	183.00
SAMEK, PAMELA G.				3.00		183.00
SMITH, CRAIG W.	88	W	18	1.00	61.00	61.00
SMITH, CRAIG W.				1.00		61.00
WAGONER, DAVID A.	88	W	03	1.00	61.00	61.00
		W	18	1.00	61.00	61.00
WAGONER, DAVID A.				2.00		122.00
TOTAL PER FISCAL YEAR	88			2007.00		122427.0
BLOMGREN, CARL V.	89	W	02	1.00	61.00	61.00
		W	13	2.00	61.00	122.00
		W	14	1.00	61.00	61.00
BLOMGREN, CARL V.				4.00		244.00
BRUNE, DOUGLAS J.	89	M	06	2.00	61.00	122.00
		M	07	5.00	61.00	305.00
BRUNE, DOUGLAS J.				7.00		427.00
BUNN, WILLIAM W.	89	M	09	8.00	61.00	488.00
		M	10	3.00	61.00	183.00
		M	12	2.00	61.00	122.00
		M	13	10.00	61.00	610.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BUNN, WILLIAM W.	89	M	14	1.00	61.00	61.00
BUNN, WILLIAM W.				24.00		1464.00
DEIHL, TRUDY	89	M	13	8.00	61.00	488.00
DEIHL, TRUDY				8.00		488.00
EASLEY, DIANE M.	89	M	02	7.00	61.00	427.00
		M	09	8.00	61.00	488.00
		M	10	6.00	61.00	366.00
		M	12	4.00	61.00	244.00
		M	13	2.00	61.00	122.00
		M	14	1.00	61.00	61.00
EASLEY, DIANE M.				28.00		1708.00
GREENALL, ROBERT L.	89	M	13	2.00	61.00	122.00
GREENALL, ROBERT L.				2.00		122.00
KING, RONALD E.	89	W	18	0.50	61.00	30.50
KING, RONALD E.				0.50		30.50
KINSER, STEVEN E.	89	W	01	3.00	61.00	183.00
		W	02	2.00	61.00	122.00
		W	03	7.00	61.00	427.00
		W	04	2.00	61.00	122.00
		W	05	3.00	61.00	183.00
		W	06	13.00	61.00	793.00
		W	07	15.00	61.00	915.00
		W	08	3.00	61.00	183.00
		W	09	9.00	61.00	549.00
		W	10	1.00	61.00	61.00
		W	11	2.00	61.00	122.00
		W	12	3.00	61.00	183.00
		W	13	3.00	61.00	183.00
		W	14	5.00	61.00	305.00
		W	15	13.00	61.00	793.00
		W	16	1.00	61.00	61.00
		W	17	27.00	61.00	1647.00
		W	18	6.00	61.00	366.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	89	W	19	1.00	61.00	61.00
		W	22	1.00	61.00	61.00
		W	23	1.00	61.00	61.00
		W	24	3.00	61.00	183.00
		W	25	6.00	61.00	366.00
KINSER, STEVEN E.				130.00		7930.00
KOSAKOWSKI, MICHAEL W.	89	W	03	7.00	61.00	427.00
		W	13	2.00	61.00	122.00
KOSAKOWSKI, MICHAEL W.				9.00		549.00
MARCHIN, LAWRENCE M.	89	M	09	2.00	61.00	122.00
		M	10	2.00	61.00	122.00
		M	12	2.00	61.00	122.00
		M	14	0.50	61.00	30.50
MARCHIN, LAWRENCE M.				6.50		396.50
MCCULLERS, RUBEN B.	89	W	01	44.00	61.00	2684.00
		W	02	64.00	61.00	3904.00
		W	03	42.00	61.00	2562.00
		W	04	63.00	61.00	3843.00
		W	05	61.00	61.00	3721.00
		W	06	46.00	61.00	2806.00
		W	07	34.00	61.00	2074.00
		W	08	69.00	61.00	4209.00
		W	09	62.00	61.00	3782.00
		W	10	78.00	61.00	4758.00
		W	11	51.00	61.00	3111.00
		W	12	78.00	61.00	4758.00
		W	13	78.00	61.00	4758.00
		W	14	79.00	61.00	4819.00
		W	16	30.00	61.00	1830.00
		W	18	70.00	61.00	4270.00
		W	19	77.00	61.00	4697.00
		W	20	68.00	61.00	4148.00
		W	22	44.00	61.00	2684.00
		W	23	79.00	61.00	4819.00
		W	25	154.00	61.00	9394.00
		W	26	-75.00	61.00	-4575.00
		W	27	35.00	61.00	2135.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MCCULLERS, RUBEN B.				1331.00		81191.00
MORBY, ROBERT L.	89	W	02	1.00	61.00	61.00
		W	25	1.50	61.00	91.50
MORBY, ROBERT L.				2.50		152.50
REGER, JAMES W.	89	W	07	15.00	61.00	915.00
REGER, JAMES W.				15.00		915.00
SANDERSON, MICHAEL J.	89	W	13	1.50	61.00	91.50
		W	18	0.50	61.00	30.50
SANDERSON, MICHAEL J.				2.00		122.00
WAGONER, DAVID A.	89	W	18	2.00	61.00	122.00
WAGONER, DAVID A.				2.00		122.00
TOTAL PER FISCAL YEAR	89			1571.50		95861.50
CALOW, MARION S.	90	K	23	1.00	61.00	61.00
CALOW, MARION S.				1.00		61.00
CROSSLAND, STEFFANIE G.	90	M	17	2.00	61.00	122.00
CROSSLAND, STEFFANIE G.				2.00		122.00
HESS, GEORGE K.	90	M	17	8.00	61.00	488.00
HESS, GEORGE K.				8.00		488.00
HUNT, VIOLET M.	90	W	08	1.00	61.00	61.00
		W	13	0.50	61.00	30.50
		W	15	1.50	61.00	91.50
		W	22	2.00	61.00	122.00
HUNT, VIOLET M.				5.00		305.00
KING, RONALD E.	90	W	09	0.50	61.00	30.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KING, RONALD E.	90	W	10	5.50	61.00	335.50
		W	11	0.50	61.00	30.50
		W	22	2.00	61.00	122.00
		W	23	1.00	61.00	61.00
		W	25	0.20	61.00	12.20
		W	26	0.50	61.00	30.50
KING, RONALD E.				10.20		622.20
KINSER, STEVEN E.	90	W	02	26.00	61.00	1586.00
		W	03	34.00	61.00	2074.00
		W	05	1.00	61.00	61.00
		W	06	12.00	61.00	732.00
		W	07	2.00	61.00	122.00
		W	09	24.00	61.00	1464.00
		W	10	29.00	61.00	1769.00
		W	11	22.00	61.00	1342.00
		W	12	14.50	61.00	884.50
		W	13	9.50	61.00	579.50
		W	14	7.00	61.00	427.00
		W	15	7.00	61.00	427.00
		W	16	1.00	61.00	61.00
		W	21	30.50	61.00	1860.50
		W	22	32.50	61.00	1982.50
		W	23	66.00	61.00	4026.00
		W	24	23.00	61.00	1403.00
		W	25	19.00	61.00	1159.00
		W	26	26.00	61.00	1586.00
KINSER, STEVEN E.				386.00		23546.00
KROONE, JANICE J.	90	M	17	6.00	61.00	366.00
KROONE, JANICE J.				6.00		366.00
LANGEMEIER, RALPH N.	90	K	23	1.00	61.00	61.00
LANGEMEIER, RALPH N.				1.00		61.00
MCCULLERS, RUBEN B.	90	W	01	44.00	61.00	2684.00
		W	03	48.00	61.00	2928.00
		W	22	4.00	61.00	244.00
MCCULLERS, RUBEN B.				96.00		5856.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MORBY, ROBERT L.	90	W	10	2.00	61.00	122.00
		W	23	2.90	61.00	176.90
		W	25	1.00	61.00	61.00
MORBY, ROBERT L.				5.90		359.90
PETERSON, MARY P.	90	W	09	4.00	61.00	244.00
PETERSON, MARY P.				4.00		244.00
ROBERDES, SUZANNE	90	M	17	5.00	61.00	305.00
ROBERDES, SUZANNE				5.00		305.00
SHEEHY, JOSEPH E.	90	W	09	0.00	61.00	0.00
SHEEHY, JOSEPH E.				0.00		0.00
WAGONER, DAVID A.	90	W	23	2.00	61.00	122.00
WAGONER, DAVID A.				2.00		122.00
WERST, JOLLEEN G.	90	W	09	4.00	61.00	244.00
		W	23	1.50	61.00	91.50
WERST, JOLLEEN G.				5.50		335.50
TOTAL PER FISCAL YEAR	90			537.60		32793.60
				8622.60		525307.60

U.S. EPA HEADQUARTERS PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 19 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	PAYROLL HOURS	PAYROLL AMOUNT
BOONE, NELLIE E.	87	17	5.00	70.74
PROGRAM ANALYST	87	18	4.00	56.63
			9.00	127.37
CAMPAGNA, PHILIP R.	88	01	6.00	115.00
CHEMIST	88	03	33.00	850.49
	88	04	1.00	24.12
			40.00	989.61
LEMRO, MARLENE LOUISE	87	11	0.50	9.58
PROGRAM ANALYST	89	10	0.50	10.47
			1.00	20.05
MOZLEY, SALLY R.	90	19	6.00	157.99
UNCLASSIFIED POSITION				
			6.00	157.99
PRITCHETT, THOMAS H.	88	02	1.00	24.64
CHEMIST				
			1.00	24.64
SINGHVI, RAJESHMAL	88	04	4.00	100.24
CHEMIST				
			4.00	100.24
THODE, ANNA CATHERINE	86	23	20.00	350.84
ATTORNEY-ADVISER (	86	24	1.80	30.64
	86	26	9.00	157.87
	86	27	2.00	35.09
	87	01	2.00	35.14
	87	02	14.50	254.43
	87	03	2.50	43.93
	87	04	1.00	17.54
	87	05	0.50	8.76
	87	06	4.50	79.02
	87	11	3.50	68.33
	87	19	1.00	21.44
	87	23	3.00	62.39
	87	24	1.00	20.80

U.S. EPA HEADQUARTERS PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 19 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	PAYROLL HOURS	PAYROLL AMOUNT
			66.30	1186.22
			127.30	2606.12

U.S. EPA HEADQUARTERS TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH / /

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
	0TRT395599	T7034	01/13/87	212.00
	000T395599	67128	11/24/86	22.50
				234.50
CAMPAGNA, PHILIP R.	0TRT189864	06114	11/24/87	145.00 0
CHEMIST	000T189864	06114	11/24/87	263.64 0
				408.64
				643.14

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

NATIONAL LAB CONTRACT (CLP)

CONTRACTOR: ENSECO/ROCKY MOUNTAIN ANALY. (RMAL)

CONTRACT NUMBER: 68-01-7083

PROJECT OFFICER:

SUMMARY OF SERVICE:

SAMPLE MANAGEMENT COSTS: $ 0.00

ANALYTICAL SERVICES COSTS: $ 5896.26

TOTAL CONTRACTOR COST: $ 5896.26

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
10799	08/10/87	3222.00	R8547	10/20/87	3060.90
10800	08/18/87	3222.00	R8569	12/14/87	2835.36

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

EMERGENCY REMOVAL CLEANUP (ERC) CONTRACT

CONTRACTOR: ENVIRONMENTAL EMERGENCY SERVICES, CO.

CONTRACT NO: 68-01-6860

DELIVERY ORDER NUMBER:

DATES OF SERVICE: FROM: / / TO: / /

PROJECT OFFICER:

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 42850.91

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
1	10/03/86	4800.50	07010	11/05/86	4800.50
2	10/24/86	18556.68	07018	12/08/86	18556.68
3	11/20/86	1317.08	07024	01/05/87	1317.08
4	12/31/86	5341.21	07030	01/30/87	5341.26
5	07/13/87	12835.39	08536	08/10/87	12835.39

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

EMERGENCY RESPONSE UNIT (ERU) CONTRACT

CONTRACTOR: ROY F. WESTON

CONTRACT NO: 68-03-3482

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 5662.10

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
3	12/07/87	504244.37	R8588	01/22/88	2811.32
4	01/11/88	546772.10	R8602	02/19/88	2850.78

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT)

CONTRACTOR: ICF

CONTRACT NO: 68-01-7456

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 263.55

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
30	02/13/89	121188.79	08844	04/12/89	263.55

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

INTERAGENCY AGREEMENT (IAG)

AGENCY: DEPARTMENT OF JUSTICE

IAG NO: DW15240101

SUMMARY OF SERVICE:

TOTAL IAG COST: $ 14714.40

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	90063	02/02/90	6833.31
	/ /	0.00	90063	02/02/90	1538.72
	/ /	0.00	27900	02/16/90	7881.09
	/ /	0.00	27900	02/26/90	1538.72
	/ /	0.00	90063	08/30/90	-3077.44

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

INTERAGENCY AGREEMENT (IAG)

AGENCY: DEPARTMENT OF JUSTICE

IAG NO: DW15341501

SUMMARY OF SERVICE:

TOTAL IAG COST: $ 1325.65

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	27907	10/25/89	1325.65

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MD (SSID = 7 8D)
Prepared: / /

MISCELLANEOUS (MIS) EXPENDITURES

VENDOR	PROCUREMENT NUMBER	SUMMARY OF SERVICE	SERVICE DATE	REQUESTOR	VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	SCHED. NUMBER	SCHEDULE DATE	SITE AMOUNT
	0U9800NBLX		/ /			/ /	0.00	P8410	04/22/88	35.16
	0U9800NBLX		/ /			/ /	0.00	P9055	10/26/88	20.51
	7K0360NNSA		/ /			/ /	0.00	MS762	04/16/87	330.90
	7K0368NASA		/ /			/ /	0.00	MS778	06/09/87	974.00
	7K0460NASA		/ /			/ /	0.00	MS771	05/18/87	2820.00
	7K0536NASA		/ /			/ /	0.00	MS788	07/10/87	569.00
	7K0564NBSX		/ /			/ /	0.00	MS844	01/05/87	622.61
	7K0564NBSX		/ /			/ /	0.00	MS795	07/29/87	304.00
	7K0564NBSX		/ /			/ /	0.00	MS825	11/20/87	304.00
	7K0564NBSX		/ /			/ /	0.00	M8166	04/22/88	304.00
	7K0564NBSX		/ /			/ /	0.00	M8202	05/31/88	304.00
	7K0564NBSX		/ /			/ /	0.00	M8263	07/08/88	608.00
	7K0564NBSX		/ /			/ /	0.00	M8313	08/23/88	304.00
	8K0564NBSX		/ /			/ /	0.00	MS874	02/26/88	304.00
	8K0949NNSA		/ /			/ /	0.00	M8319	08/24/88	148.20
	9K0537YDSA		/ /			/ /	0.00		05/17/89	330.60
	DW15250101		/ /			/ /	0.00	90063	01/18/90	8811.22
	DW15250101		/ /			/ /	0.00	90063	01/30/90	-8811.22
	DW15365401		/ /			/ /	0.00	90138	03/14/90	15.87
	DW15365401		/ /			/ /	0.00	27901	03/16/90	1113.57
	DW15365401		/ /			/ /	0.00	27901	03/21/90	1864.75
	JN880095		/ /			/ /	0.00	M8248	06/25/88	108.85
	JU880101		/ /			/ /	0.00	M8279	07/28/88	174.19
	T263202		/ /			/ /	0.00	AS828	11/24/87	3.93

Subtotal for the Vendor: $ 11564.14

Total Miscellaneous Expenditures: $ 11564.14

Documentation: Copies of Applicable Paid Vouchers and Treasury Schedules

COST SUMMARY DATE: 11/19/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

NATIONAL ENFORCEMENT INVESTIGATION CENTER (NEIC)

CONTRACTOR: TECHLAW-CONTRACT EVIDENCE AUDIT TEAM

CONTRACT NO: 68-01-7369

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 84919.50

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
3	04/10/87	225889.11	R8513	05/28/87	272.57
3	04/10/87	225889.11	R8513	06/09/87	272.57
3	04/10/87	225889.11	R8513	06/09/87	-272.57
4	05/07/87	188525.32	R8522	07/15/87	2017.47
5	06/15/87	220624.75	R8526	07/20/87	3335.48
6	07/14/87	191058.19	R8532	08/27/87	7274.14
8	09/10/87	307440.76	R8549	10/22/87	6876.31
7	08/12/87	324918.53	R8541	10/27/87	15761.79
9	10/08/87	369146.42	R8557	11/16/87	8319.54
10	11/20/87	275935.02	R8577	01/04/88	7449.75
11	12/18/87	497688.00	R8593	02/09/88	5456.01
12	01/12/88	267204.43	R8600	02/18/88	806.84
13	01/14/88	131173.20	R8601	02/18/88	497.23
14	02/25/88	476195.78	R8623	04/08/88	4135.89
15	03/18/88	243565.96	R8635	04/30/88	3431.49
16	04/22/88	377907.24	R8658	06/17/88	2648.19
17	05/20/88	196566.62	R8661	06/20/88	1049.56
18	06/17/88	225382.37	R8680	08/08/88	1813.59
19	07/20/88	326326.76	R8694	08/25/88	3338.29
20	08/10/88	222359.41	R8702	10/11/88	1725.06
21	09/14/88	262246.03	R8725	10/22/88	1144.26
22	10/19/88	226820.71	R8747	11/17/88	1901.08
23	11/22/88	220098.61	R8768	12/21/88	122.99
24	12/20/88	189363.58	R8784	01/20/89	70.40
2~~4~~ 7	02/17/89	199858.45	08828	03/22/89	930.35
	/ /	0.00	91829	08/28/89	472.37
34	09/14/89	-163440.70	R8976	10/20/89	-186.45
36	10/17/89	258059.02	R8991	11/09/89	4111.13

this correct 11/19/90

COST SUMMARY DATE: 11/19/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

NATIONAL ENFORCEMENT INVESTIGATION CENTER (NEIC)
— TECHLAW-CONTRACT EVIDENCE AUDIT TEAM (68-01-7369)

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
37	11/29/89	0.00	R9021	12/28/89	33.43
	/ /	0.00	R9040	01/26/90	3.49
	/ /	0.00	02522	08/12/90	107.25

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MD (SSID = 7 8D)
Prepared: / /

OVERFLIGHT (OVR) CONTRACT

CONTRACTOR: EMS - LOCKHEED

PROJECT OFFICER:

SUMMARY OF SERVICE: Aerial photography and analysis support

TOTAL CONTRACTOR COST: $ 3000.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
31	09/24/86	73447.00	07005	10/20/86	210.00
35	11/04/86	35900.98	07017	12/03/86	2700.19
38	12/02/86	5499.71	07024	01/05/87	0.70
41	12/30/86	69050.61	7043C	03/23/87	89.11

COST SUMMARY DATE: 11/19/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

REMEDIAL (REM) CONTRACT

CONTRACTOR: CH2M HILL

CONTRACT NO: 68-01-7251

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 398262.79

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
9B	07/11/86	1448829.49	07083	08/11/86	128.17
10B	08/12/86	1565321.63	07090	09/08/86	4230.27
11B	09/11/86	1978812.46	07003	10/15/86	7061.02
12B	10/10/86	1642628.16	07013	11/17/86	10160.55
13B	11/10/86	2305632.88	07019	12/09/86	14754.19
14C	12/12/86	2933406.25	07026	01/14/87	9351.76
16B	01/12/87	2165540.67	07033	02/11/87	11048.91
17	02/10/87	2300441.92	07548	03/27/87	3265.13
17	02/10/87	2300441.92	07548	04/07/87	10448.46
18	03/09/87	2914754.52	08502	04/07/87	15217.19
19	03/09/87	204740.75	08502	04/08/87	1402.00
20	04/10/87	3157193.42	08511	05/13/87	15231.81
21	05/08/87	3743011.94	08517	06/10/87	13011.85
22	06/10/87	3604274.36	08524	07/08/87	10859.87
23	07/10/87	3916938.78	08533	08/11/87	21521.49
24	08/11/87	3973166.14	08539	09/02/87	36384.29
25	09/11/87	3813161.03	08549	10/14/87	14579.70
26	09/11/87	309005.00	08550	10/19/87	1978.00
27	10/09/87	4420778.96	08558	11/10/87	7871.92
28	11/10/87	4961189.39	08574	12/14/87	5372.02
30	12/10/87	4932986.45	08585	01/11/88	4216.97
31	01/12/88	4774856.82	08598	02/08/88	5239.95
32	02/10/88	4237822.56	08615	03/14/88	4268.24
33	02/10/88	415678.00	08615	03/14/88	2296.00
34	03/10/88	5823754.02	08629	04/12/88	13922.82
35	04/11/88	5469256.36	08642	05/10/88	8941.08
36	05/10/88	5469374.61	08655	06/07/88	7177.84
37	06/10/88	5024707.12	08670	07/07/88	8929.58

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

REMEDIAL (REM) CONTRACT — CH2M HILL
— (68-01-7251)

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
38	06/10/88	1004320.00	08671	07/11/88	3179.00
39	07/11/88	3856836.66	08685	07/21/88	11165.25
40	07/11/88	80927.24	08685	07/28/88	2.87
41	08/10/88	4585842.13	08705	09/09/88	9083.62
42	09/12/88	4064930.28	08721	10/06/88	6356.94
43	10/10/88	4699265.35	08744	11/09/88	11967.95
44	11/10/88	4909514.34	08762	12/02/88	7475.50
45	12/09/88	3171025.91	08779	01/04/89	1504.15
46	12/09/88	393989.30	08779	01/05/89	1323.00
47	01/10/89	2723066.13	08798	02/02/89	7788.48
48	02/13/89	3012565.00	08822	05/05/89	7846.51
49	03/13/90	2899430.48	08842	05/11/89	2160.06
50	04/10/89	2629898.27	08862	05/11/89	3570.07
52	05/12/89	2745616.90	08885	06/29/89	1350.00
53	06/12/89	3197104.80	08906	07/13/89	827.51
54	07/12/89	2177689.87	08924	08/09/89	1723.16
55	07/12/89	332088.62	08927	08/10/89	660.00
56	08/11/89	2310530.79	08950	09/13/89	343.41
57	09/13/89	2401678.17	08969	10/24/89	1888.93
58	10/11/89	1818736.76	08987	11/06/89	8118.39
58	10/11/89	1818736.76	08987	11/06/89	68.70
58	10/11/89	1818736.76	08987	11/06/89	1720.24
60	11/14/89	1637364.45	09009	12/11/89	2865.12
61	12/11/89	1534582.96	09045	02/02/90	481.23
62	12/11/89	417845.67	09048	02/07/90	187.00
63	01/12/90	1519227.10	09050	02/09/90	2123.85
64	02/13/90	1515033.49	09070	03/12/90	533.15
65	02/13/90	334108.97	09070	03/12/90	498.00
51	04/10/90	697596.00	08862	03/12/90	1114.00
66	03/12/90	1774414.50	09090	04/09/90	10320.12
67	04/10/90	1737178.12	09114	05/11/90	3997.81
69	05/10/90	1255135.17	09135	06/12/90	6808.17
70	06/11/90	1342704.33	09156	07/12/90	1819.23
71	06/11/90	522627.49	09156	07/12/90	401.00
72	07/11/90	1010050.22	09176	08/09/90	1841.44
73	08/14/90	953657.30	09205	09/20/90	6277.85

COST SUMMARY DATE: 11/19/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

STATE COOPERATIVE AGREEMENT (SCA)

STATE:

STATE COOPERATIVE AGREEMENT NUMBER: 732101

SUMMARY OF SERVICE:

TOTAL SCA COST: $ 2640.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
446000987	/ /	0.00	07900	08/28/90	2640.00

COST SUMMARY DATE: 11/19/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ROY F. WESTON

CONTRACT NO: 68-01-6669

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 2334.50

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
66	10/31/86	1357794.29	R7018	12/10/86	1680.04
67	11/26/86	1220366.52	R7340	01/06/87	168.57
68	01/05/87	1476500.71	R7030	02/03/87	280.02
69	01/30/87	1149077.29	R7037	03/05/87	200.87
70	03/02/87	514524.90	R8505	06/10/87	5.00

COST SUMMARY DATE: 11/19/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ECOLOGY AND ENVIRONMENT

CONTRACT NO: 68-01-7368

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 94730.22

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
7	06/01/87	827761.31	R8522	07/14/87	913.57
12	07/16/87	104190.37	R8533	08/25/87	182.90
14	08/14/87	71271.73	R8544	09/28/87	3.37
21	11/16/87	984698.60	R8576	12/23/87	13.27
23	11/28/87	923271.27	R8588	01/25/88	8093.54
25	01/11/88	716971.88	R8599	02/16/88	40199.52
27	02/12/88	1129294.26	R8617	03/22/88	583.52
	/ /	0.00	R8576	04/23/88	828.73
	/ /	0.00	R8576	04/23/88	-13.27
31	03/14/88	874815.48	R8635	04/30/88	5549.28
	/ /	0.00	81662	06/03/88	-48.41
33	04/08/88	868400.12	R651A	06/04/88	1828.43
33	04/08/88	868400.12	R651A	06/04/88	-873.80
37	05/06/88	949740.15	R8662	06/23/88	585.76
39	06/10/88	899180.68	R8671	07/13/88	269.26
	/ /	0.00	90041	10/21/88	21724.33
46	09/08/88	952423.10	R8725	10/24/88	271.83
65	02/13/89	824552.24	08824	03/14/89	1179.67
69	03/14/89	772733.44	08843	04/12/89	458.53
71	04/07/89	791591.31	08866	05/12/89	6521.33
76	06/08/89	763826.83	R8912	07/19/89	515.90
79	07/05/89	70480.41	R8920	07/31/89	229.33
73	05/10/89	1103294.51	08886	08/08/89	1703.19
70?	/ /	0.00	08843	08/19/89	3994.80
84	09/07/89	1129719.52	R8970	10/25/89	15.64

COST SUMMARY DATE: 11/19/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

CONTRACTOR: METCALF & EDDY

CONTRACT NO: 68-W9-0007

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 17158.35

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
C7-12	04/23/90	126926.80	R9123	05/23/90	0.94
	/ /	0.00	R9098	07/10/90	17157.41 D

FOIA Exemption 6

CPARS LABOR REDISTRIBUTION FORM

0 = Original Entry
+ = Increase
- = Decrease
N/ = No Hours

NAME	SOCIAL SECURITY NUMBER	PAY PERIOD	FY	ORIGINAL ACCOUNT NUMBER	NEW ACCOUNT NUMBER	HOURS	O	+/-	N/
Norma J. Bolding	[redacted]	22	89	9A3X 07 D000	9TJB 07 0448D	19.2	19	+0.2	
Norma J. Bolding		21	89	9A3X 07 D000	9TJB 07 0448D	20.8	20.7	+0.1	
Meredith A. Farnan		19	89	9AJA 07 D000	9TJB 07 D48D	4.0	0	+4.0	
Meredith A. Farnan		16	89	9AJA 07 D000	9TJB 07 D48D	[illegible]	0	+[illegible]	
George K. Hess		17	90	8TFA 07 M880	8TFA 07 M88D	11.50	8	+3.50	
~~George K. Hess~~				07	07				
Berla C. Jackson		25	88	8A51 07 M000	8TGB 07 MP8D	5.00	0	+5.00	
W. Keffer		17	88	8TFA 07 M700	8TFA 07 M88D	8.00	0	+8.00	
Donna G. Kersbergen		26	87	7TEN 07 H700	7TEN 07 H78D	0.20	0	+0.20	
Steven E. Kinser		19	86	6TGB 07 W400	6TGB 07 W6BD	5.00	4.00	+1.00	
Steven E. Kinser		17	87	7TGB 07 W400	7TGB 07 W48D	46.00	43.0	+3.0	
Steven E. Kinser		27	87	7TGB 07 W400	7TGB 07 W48D	2.00	0	+2.0	
Steven E. Kinser		25	88	8TGB 07 W400	8TGB 07 W48D	35.0	0	+35.0	
Steven E. Kinser		21	88	8TGB 07 W400	8TGB 07 W48D	5.50	4.50	+1.0	
Steven E. Kinser		14	88	8TGB 07 W400	8TGB 07 W48D	8.50	0	+8.50	
Steven E. Kinser		11	88	8TGB 07 W400	8TGB 07 W48D	15.00	13.5	+1.5	
Steven E. Kinser		10	88	8TGB 07 W400	8TGB 07 W48D	15.00	14.0	+1.0	
Steven E. Kinser		8	88	8TGB 07 W400	8TGB 07 W48D	17.00	13.5	+3.5	
Steven E. Kinser		7	88	8TGB 07 W400	8TGB 07 W48D	6.50	0	+6.50	
Steven E. Kinser		6	88	8TGB 07 W400	8TGB 07 W48D	18.00	16.0	+2.0	
Bonita D. Lewis		14	87	7TJB 07 D58D	7AJA 07 D000	2.00	12.0	-10.0	
Lawrence M. Marchin		27	87	7TFA 07 M700	7TGB 07 MP8D	1.00	0	+1.00	
Lawrence M. Marchin		20	89	9TFA 07 M000	7TGB 07 MP8D	0.50	0	+0.50	
Ruben B. McCullers		27	87	7AGD 07 W000	7TGB 07 W48D	11.00	0	+11.0	
Ruben B. McCullers		25	87	7TGB 07 W48D	7AGD 07 W000	70.00	140	-70.00	

Missing Document from Site 8D

Regional Payroll

Name	Fiscal Year	Pay Period	Office	Hours
Edith M. Mahoney	88	21	D	63.00
James W. Reger	89	07	W	15.00

Regional Travel Cost

Travel Voucher #	Schedule #	Schedule Date	Cost
0007WC08095		8/11/90	32.26
0007WC08095		8/11/90	-32.26

Headquarters Payroll

Name	Fiscal Year	Pay Period	Hours
Marlene Louise Lemro	89	10	0.50
Rajeshmal Singhvi	88	04	4.00

Headquarters travel cost for Philip Campagna

Travel Voucher #	Schedule #	Schedule Date	Cost
0TRT189864	06114	11/24/87	145.00
000T189864	06114	11/24/87	263.64

Department of Justice - DW15240101

Schedule #	Schedule Date	Amount
90063	2/2/90	6833.31
90063	2/2/90	1538.72
27900	2/16/90	7881.09
90063	8/30/90	3077.44

Department of Justice - DW15341501

27907	10/25/89	1325.65

Miscellaneous Expenditures

Procurement #	Schedule #	Schedule Date	Amount
DW15250101	90063	1/18/90	8811.22
DW15250101	90063	1/30/90	-8811.22
DW15365401	90138	3/14/90	25.87
DW15365401	27901	3/16/90	1113.57
DW15365401	27901	3/21/90	1864.75

Ecology & Environment 68-01-7368
Voucher #70 Schedule #8843 8/19/90 Amount $3994.8
(Note: File does contain schedule #8843 4/12/89 for $458.53 which is reflected in CDMS. However there is no $3994.8 amount)

Metcalf & Eddy 68-W9-0007
Schedule # R9098 7/10/90 $17157.41

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

EPA EXPENDITURES

REGIONAL PAYROLL EXPENSES	$ 318660.15
REGIONAL TRAVEL EXPENSES	1606.54
REGIONAL INDIRECT COST	525007.60
HEADQUARTERS PAYROLL EXPENSES	2606.12
HEADQUARTERS TRAVEL EXPENSES	643.14

CONTRACT LAB PROGRAMS (CLP)

- ENSECO/ROCKY MOUNTAIN ANALY. (RMAL) (68-01-7083)	5896.26

EMERGENCY REMOVAL CLEANUP (ERC) SERVICES CONTRACT

- ENVIRONMENTAL EMERGENCY SERVICES, CO. (68-01-6860)	42850.91

ENVIRONMENTAL RESPONSE UNIT (ERU) CONTRACT

- ROY F. WESTON (68-03-3482)	5662.10

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT) CONTRACT

- ICF (68-01-7456)	263.55

INTERAGENCY AGREEMENTS (IAG)

- DEPARTMENT OF JUSTICE (DW15240101)	14714.40
- DEPARTMENT OF JUSTICE (DW15341501)	1325.65

MISCELLANEOUS EXPENDITURES (MIS)

- (0U9800NBLX)	55.67

EPA EXPENDITURES

-	(7K0360NNSA)	330.90
-	(7K0368NASA)	974.00
-	(7K0460NASA)	2820.00
-	(7K0536NASA)	569.00
-	(7K0564NBSX)	2750.61
-	(8K0564NBSX)	304.00
-	(8K0949NNSA)	148.20
-	(9K0537YDSA)	330.60
-	(DW15365401)	2994.19
-	(JN880095)	108.85
-	(JU880101)	174.19
-	(T263202)	3.93

NATIONAL ENFORCEMENT INVESTIGATION (NEI) CENTER EXPENSES

- TECHLAW-CONTRACT EVIDENCE AUDIT TEAM (68-01-7369)	80876.77

OVERFLIGHT (OVR) CONTRACT

- EMS - LOCKHEED	3000.00

REMEDIAL (REM) CONTRACT

- CH2M HILL (68-01-7251)	398262.79

STATE COOPERATIVE AGREEMENTS (SCA)

-	(732101)	2640.00

EPA EXPENDITURES

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

- ROY F. WESTON (68-01-6669)..... 2334.50
- ECOLOGY AND ENVIRONMENT (68-01-7368)..... 94730.22

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

- METCALF & EDDY (68-W9-0007)..... 17158.35

TOTAL EPA EXPENDITURES..... 1529803.19

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

NATIONAL LAB CONTRACT (CLP)

CONTRACTOR: ENSECO/ROCKY MOUNTAIN ANALY. (RMAL)

CONTRACT NUMBER: 68-01-7083

PROJECT OFFICER:

SUMMARY OF SERVICE:

SAMPLE MANAGEMENT COSTS: $ 0.00

ANALYTICAL SERVICES COSTS: $ 5896.26

TOTAL CONTRACTOR COST: $ 5896.26

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules 11/8/90

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
10799	8/10/87	3222.00 ~~0.00~~	R8547	10/20/87	3060.90 ✓
10800	8/18/87	0.00 3222.00	R8569	12/14/87	2835.36 ✓

COST SUMMARY DATE: 11/02/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

EMERGENCY REMOVAL CLEANUP (ERC) CONTRACT

CONTRACTOR: ENVIRONMENTAL EMERGENCY SERVICES, CO.

CONTRACT NO: 68-01-6860

DELIVERY ORDER NUMBER:

DATES OF SERVICE: FROM: / / TO: / /

DMS 11/8/90

PROJECT OFFICER:

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 42850.91

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	10/3/86	4800.50			
1	~~06/24/86~~	~~[illegible]~~	07010	11/05/86	4800.50
2	10/24/86 ~~08/01/84~~	18556.68 ~~6060.80~~	07018	12/08/86	~~5699.50~~ 18556.68
~~2A~~	~~08/01/84~~	~~6060.80~~	~~07018~~	~~12/08/86~~	~~11857.18~~
3	11/20/86 ~~01/31/86~~	1317.08 ~~9102.02~~	07024	01/05/87	1317.08
4	12/31/86 ~~04/11/85~~	5341.26 ~~67260.47~~	07030	01/30/87	5341.26
5	7/13/87 ~~08/06/86~~	12835.39 ~~42116.78~~	08536	08/10/87	12835.39

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

EMERGENCY RESPONSE UNIT (ERU) CONTRACT

CONTRACTOR: ROY F. WESTON

CONTRACT NO: 68-03-3482

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 5662.10

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
3	12/07/87	504244.37	R8588	01/22/88	2811.32
4	01/11/88	546772.10	R8602	02/19/88	2850.78

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT)

CONTRACTOR: ICF

CONTRACT NO: 68-01-7456

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

CDMS
11/8/90

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 263.55

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
30	2/13/89	121,188.79 ~~0.00~~	08844	4/12/89 ~~08/18/89~~	263.55

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MD (SSID = 7 8D)
Prepared: / /

INTERAGENCY AGREEMENT (IAG)

AGENCY: DEPARTMENT OF JUSTICE

IAG NO: DW15240101

SUMMARY OF SERVICE:

TOTAL IAG COST: $ 14714.40

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	90063	02/02/90	6833.31
	/ /	0.00	90063	02/02/90	1538.72
	/ /	0.00	27900	02/16/90	7881.09
	/ /	0.00	27900	02/26/90	1538.72
	/ /	0.00	90063	08/30/90	-3077.44

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MD (SSID = 7 8D)
Prepared: / /

INTERAGENCY AGREEMENT (IAG)

AGENCY: DEPARTMENT OF JUSTICE

IAG NO: DW15341501

SUMMARY OF SERVICE:

TOTAL IAG COST: $ 1325.65

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	27907	10/25/89	1325.65

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MD (SSID = 7 8D)
Prepared: / /

MISCELLANEOUS (MIS) EXPENDITURES

VENDOR	PROCUREMENT NUMBER	SUMMARY OF SERVICE	SERVICE DATE	REQUESTOR	VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	SCHED. NUMBER	SCHEDULE DATE	SITE AMOUNT
	0U9800NBLX		/ /			/ /	0.00	P8410	04/22/88	35.16
	0U9800NBLX		/ /			/ /	0.00	P9055	10/26/88	20.51
	7K0360NNSA		/ /			/ /	0.00	MS762	04/16/87	330.90
	7K0368NASA		/ /			/ /	0.00	MS778	06/09/87	974.00
	7K0460NASA		/ /			/ /	0.00	MS771	05/18/87	2820.00
	7K0536NASA		/ /			/ /	0.00	MS788	07/10/87	569.00
	7K0564NBSX		/ /			/ /	0.00	MS844	01/05/87	622.61
	7K0564NBSX		/ /			/ /	0.00	MS795	07/29/87	304.00
	7K0564NBSX		/ /			/ /	0.00	MS825	11/20/87	304.00
	7K0564NBSX		/ /			/ /	0.00	MB166	04/22/88	304.00
	7K0564NBSX		/ /			/ /	0.00	MB202	05/31/88	304.00
	7K0564NBSX		/ /			/ /	0.00	MB263	07/08/88	608.00
	7K0564NBSX		/ /			/ /	0.00	MB313	08/23/88	304.00
	8K0564NBSX		/ /			/ /	0.00	MB874	02/26/88	304.00
	8K0949NNSA		/ /			/ /	0.00	MB319	08/24/88	148.20
	9K0537YDSA		/ /			/ /	0.00		05/17/89	330.60
	DW15250101		/ /			/ /	0.00	90063	01/18/90	8811.22
	DW15250101		/ /			/ /	0.00	90063	01/30/90	-8811.22
	DW15365401		/ /			/ /	0.00	90138	03/14/90	15.87
	DW15365401		/ /			/ /	0.00	27901	03/16/90	1113.57
	DW15365401		/ /			/ /	0.00	27901	03/21/90	1864.75
	JN880095		/ /			/ /	0.00	MB248	06/25/88	108.85
	JU880101		/ /			/ /	0.00	MB279	07/28/88	174.19
	T263202		/ /			/ /	0.00	AS828	11/24/87	3.93

Subtotal for the Vendor: $ 11564.14

Total Miscellaneous Expenditures: $ 11564.14

Documentation: Copies of Applicable Paid Vouchers and Treasury Schedules

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

NATIONAL ENFORCEMENT INVESTIGATION CENTER (NEIC)

CONTRACTOR: TECHLAW-CONTRACT EVIDENCE AUDIT TEAM

CONTRACT NO: 68-01-7369

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / / 11/8/90

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 80876.77

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
3	04/10/87	225889.11	R8513	05/28/87	272.57
3	04/10/87	225889.11	R8513	06/09/87	272.57
3	04/10/87	225889.11	R8513	06/09/87	-272.57
4	05/07/87	188525.32	R8522	07/15/87	2017.47
5	06/15/87	220624.75	R8526	07/20/87	3335.48
6	07/14/87	191058.19	R8532	08/27/87	7274.14
8	09/10/87	307440.76	R8549	10/22/87	6876.31
7	08/12/87	324918.53	R8541	10/27/87	15761.79
9	10/08/87	369146.42	R8557	11/16/87	8319.54
10	11/20/87	275935.02	R8577	01/04/88	7449.75
11	12/18/87	497688.00	R8593	02/09/88	5456.01
12	01/12/88	267204.43	R8600	02/18/88	806.84
13	01/14/88	131173.20	R8601	02/18/88	497.23
14	02/25/88	476195.78	R8623	04/08/88	4135.89
15	03/18/88	243565.96	R8635	04/30/88	3431.49
16	04/22/88	377907.24	R8658	06/17/88	2648.19
17	05/20/88	196566.62	R8661	06/20/88	1049.56
18	06/17/88	225382.37	R8680	08/08/88	1813.59
19	07/20/88	326326.76	R8694	08/25/88	3338.29
20	08/10/88	222359.41	R8702	10/11/88	1725.06
21	09/14/88	262246.03	R8725	10/22/88	1144.26
22	10/19/88	226820.71	R8747	11/17/88	1901.08
23	11/22/88	220098.61	R8768	12/21/88	122.99
24	12/20/88	189363.58	R8784	01/20/89	70.40
27	02/17/89	199,858.45 0.00	08828	03/22/89	930.35
	/ /	0.00	91829	08/28/89	472.37
37	11/29/89	0.00	R9021	~~01/23/90~~ 12/28/89	33.43
36	10/17/89	256,059.02 0.00	R8991	~~01/24/90~~ 11/09/89	~~68.40~~ 4111.13

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

11/8/90

NATIONAL ENFORCEMENT INVESTIGATION CENTER (NEIC)
— TECHLAW-CONTRACT EVIDENCE AUDIT TEAM (68-01-7369)

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	R9040	1/26/90 ~~02/01/90~~	3.49
34	09/14/89	-163,440.7 0.00	R8976	~~02/22/90~~ 10/20/89	-186.45
	/ /	0.00	02522	08/12/90	107.25

COST SUMMARY DATE: 11/02/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

OVERFLIGHT (OVR) CONTRACT

CONTRACTOR: EMS - LOCKHEED

PROJECT OFFICER:

SUMMARY OF SERVICE: Aerial photography and analysis support

11/8/90

TOTAL CONTRACTOR COST: $ 3000.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
31	09/24/86	73447.00	07005	10/20/86	210.00
35	11/04/86	35900.98 0.00	07017	12/03/86	2700.19
38	12/2/86	5,499.71 0.00	07024	01/05/87	0.70
41	12/30/86	69050.61 0.00	7043C	03/23/87	89.11

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

REMEDIAL (REM) CONTRACT

CONTRACTOR: CH2M HILL

CONTRACT NO: 68-01-7251

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 398262.79

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
9B	07/11/86	1448829.49	07083	08/11/86	128.17
10B	08/12/86	1565321.63	07090	09/08/86	4230.27
11B	09/11/86	1978812.46	07003	10/15/86	7061.02
12B	10/10/86	1642628.16	07013	11/17/86	10160.55
13B	11/10/86	2,305,632.86 0.00	07019	12/09/86	14754.19
14C	12/12/86	2933406.25	07026	01/14/87	9351.76
16B	01/12/87	2165540.67	07033	02/11/87	11048.91
17	02/10/87	2300441.92	07548	03/27/87	3265.13
17	2/10/87	2300441.92 ~~0.00~~	07548	04/07/87	10448.46
18	03/09/87	2914754.52	08502	04/07/87	15217.19
19	03/09/87	204740.75	08502	04/08/87	1402.00
20	04/10/87	3157193.42	08511	05/13/87	15231.81
21	05/08/87	3743011.94	08517	06/10/87	13011.85
22	06/10/87	3604274.36	08524	07/08/87	10859.87
23	07/10/87	3916938.78	08533	08/11/87	21521.49
24	08/11/87	3973166.14	08539	09/02/87	36384.29
25	09/11/87	3813161.03	08549	10/14/87	14579.70
26	09/11/87	309005.00	08550	10/19/87	1978.00
27	10/09/87	4420778.96	08558	11/10/87	7871.92
28	11/10/87	4961189.39	08574	12/14/87	5372.02
30	12/10/87	4932986.45	08585	01/11/88	4216.97
31	01/12/88	4774856.82	08598	02/08/88	5239.95
32	02/10/88	4237822.56	08615	03/14/88	4268.24
33	02/10/88	415678.00	08615	03/14/88	2296.00
34	03/10/88	5823754.02	08629	04/12/88	13922.82
35	04/11/88	5469256.36	08642	05/10/88	8941.08
36	05/10/88	5469374.61	08655	06/07/88	7177.84
37	06/10/88	5024707.12	08670	07/07/88	8929.58

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

REMEDIAL (REM) CONTRACT -- CH2M HILL
-- (68-01-7251)

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
38	06/10/88	1004320.00	08671	07/11/88	3179.00
39	07/11/88	3856836.66	08685	07/21/88	11165.25
40	07/11/88	80927.24	08685	07/28/88	2.87
41	08/10/88	4585842.13	08705	09/09/88	9083.62
42	09/12/88	4064930.28	08721	10/06/88	6356.94
43	10/10/88	4699265.35	08744	11/09/88	11967.95
44	11/10/88	4909514.34	08762	12/02/88	7475.50
45	12/09/88	3171025.91	08779	01/04/89	1504.15
46	12/09/88	393989.30	08779	01/05/89	1323.00
47	01/10/89	2723066.13	08798	02/02/89	7788.48
48	02/13/89	3,012,565.00 0.00	08822	05/05/89	7846.51
49	3/13/89	2,899,430.48 0.00	08842	05/11/89	2160.06
50	4/10/89	2,629,898.27 0.00	08862	05/11/89	~~4684.07~~ 3,570.07
52	5/12/89	2,745,616.90 0.00	08885	06/29/89	1350.00
53	6/12/89	3,197,164.8 0.00	08906	07/13/89	827.51
54	7/12/89	2,177,689.87 0.00	08924	08/09/89	1723.16
55	7/12/89	332,088.62 0.00	08927	08/10/89	660.00
56	8/11/89	2,310,530.79 0.00	08950	09/13/89	343.41
57	09/13/89	2,401,678.17 0.00	08969	10/24/89	1888.93
58	10/11/89	1,818,736.76 0.00	08987	11/06/89	8118.39
58	10/11/89	1,818,736.76 0.00	08987	11/06/89	68.70
58	10/11/89	1,818,736.76 0.00	08987	11/06/89	1720.24
60	11/14/89	1,637,364.45 0.00	09009	12/11/89	2865.12
61	12/11/89	1,634,582.96 0.00	09045	02/02/90	481.23
62	12/11/89	417,845.67 0.00	09048	02/07/90	187.00
63	01/12/90	1,519,227.10 0.00	09050	02/09/90	2123.85
64	02/13/90	1,515,033.49 0.00	09070	03/12/90	~~1031.15~~ 533.15
66	3/12/90	1,774,414.5 0.00	09090	04/09/90	10320.12
67	4/10/90	1,737,178.12 0.00	09114	05/11/90	3997.81
69	5/10/90	1,255,135.17 0.00	09135	06/12/90	6808.17
70	6/11/90	1,342,704.33 0.00	09156	07/12/90	~~2220.23~~ 1,819.23
72	7/11/90	1,010,050.22 0.00	09176	08/09/90	1841.44
73	8/14/90	953,657.30 0.00	09205	09/20/90	6277.85
71	6/11/90	522,627.49	09156	7/12/90	401.00
65	02/13/90	334,108.97	09070	3/12/90	498.00
51	04/10/90	697,596.00	08862	3/12/90	1114.00

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

STATE COOPERATIVE AGREEMENT (SCA)

STATE:

STATE COOPERATIVE AGREEMENT NUMBER: 732101

SUMMARY OF SERVICE:

TOTAL SCA COST: $ 2640.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
446000987	/ /	0.00	07900	08/28/90	2640.00

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MD (SSID = 7 8D)
Prepared: / /

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ROY F. WESTON

CONTRACT NO: 68-01-6669

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 2334.50

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
66	10/31/86	1357794.29	R7018	12/10/86	1680.04
67	11/26/86	1220366.52	R7340	01/06/87	168.57
68	01/05/87	1476500.71	R7030	02/03/87	280.02
69	01/30/87	1149077.29	R7037	03/05/87	200.87
70	03/02/87	514524.90	R8505	06/10/87	5.00

COST SUMMARY DATE: 11/02/90
MARIHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ECOLOGY AND ENVIRONMENT

CONTRACT NO: 68-01-7368

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

CDMS 11/8/90
except voucher # 70

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 94730.22

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
7	06/01/87	827761.31	R8522	07/14/87	913.57
12	07/16/87	104190.37	R8533	08/25/87	182.90
14	08/14/87	71271.73	R8544	09/28/87	3.37
21	11/16/87	984698.60	R8576	12/23/87	13.27
23	11/28/87	923271.27	R8588	01/25/88	8093.54
25	01/11/88	716971.88	R8599	02/16/88	40199.52
27	02/12/88	1129294.26	R8617	03/22/88	583.52
	/ /	0.00	R8576	04/23/88	828.73
	/ /	0.00	R8576	04/23/88	-13.27
31	03/14/88	874815.48	R8635	04/30/88	5549.28
	/ /	0.00	81662	06/03/88	-48.41
33	04/08/88	868400.12	R651A	06/04/88	1828.43
33	04/08/88	868400.12	R651A	06/04/88	-873.80
37	05/06/88	949740.15	R8662	06/23/88	585.76
39	06/10/88	899180.68	R8671	07/13/88	269.26
	/ /	0.00	90041	10/21/88	21724.33
46	09/08/88	952423.10	R8725	10/24/88	271.83
73	5/10/89	1,103,294.51	~~0.00~~ 08864	~~08862~~ 08/08/89	1703.19
71	4/07/89	792,591.31	~~0.00~~	08866 ~~09/18/89~~ 5/12/89	6521.33
65	2/13/89	424,552.24	~~0.00~~	08824 ~~08/14/89~~ 3/15/89	1179.67
69	3/14/89	772,733.44	~~0.00~~	08843 ~~09/19/89~~ 4/12/89	458.53
70	3/14/89	91,822.34	~~0.00~~	08843 08/19/89	3994.80
79	7/5/89	70480.41	~~0.00~~	R8928 ~~09/14/89~~ 7/31/89	229.33
76	6/8/89	763826.83	~~0.00~~	R8912 ~~09/18/89~~ 7/19/89	515.90
84	9/7/89	1129719.52	~~0.00~~	R8970 10/25/89	15.64

No document showing this number

COST SUMMARY DATE: 11/02/90
MARTHA C. ROSE, MO (SSID = 7 8D)
Prepared: / /

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

CONTRACTOR: METCALF & EDDY

CONTRACT NO: 68-W9-0007

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 17158.35

C DINS 11/8/90

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
C7-12	4/23/90	126926.80 0.00	R9123	5/23/90 ~~06/14/90~~	0.94
	/ /	0.00	R9098	07/10/90	17157.41

U.S. EPA HEADQUARTERS TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH / /

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
	0TRT395599	T7034	01/13/87	212.00
	000T395599	67128	11/24/86	22.50
				234.50
CAMPAGNA, PHILIP R.	0TRT189864	06114	11/24/87	145.00
CHEMIST	000T189864	06114	11/24/87	263.64
				408.64
				643.14

U.S. EPA HEADQUARTERS PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 19 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	PAYROLL HOURS	PAYROLL AMOUNT
BOONE, NELLIE E.	87	17	5.00	70.74
PROGRAM ANALYST	87	18	4.00	56.63
			9.00	127.37
CAMPAGNA, PHILIP R.	88	01	6.00	115.00
CHEMIST	88	03	33.00	850.49
	88	04	1.00	24.12
			40.00	989.61
LEMRO, MARLENE LOUISE	87	11	0.50	9.58
PROGRAM ANALYST	89	10	0.50	10.47
			1.00	20.05
MOZLEY, SALLY R.	90	19	6.00	157.99
UNCLASSIFIED POSITION				
			6.00	157.99
PRITCHETT, THOMAS H.	88	02	1.00	24.64
CHEMIST				
			1.00	24.64
SINGHVI, RAJESHMAL	88	04	4.00	100.24
CHEMIST				
			4.00	100.24
THODE, ANNA CATHERINE	86	23	20.00	350.84
ATTORNEY-ADVISER (	86	24	1.80	30.64
	86	26	9.00	157.87
	86	27	2.00	35.09
	87	01	2.00	35.14
	87	02	14.50	254.43
	87	03	2.50	43.93
	87	04	1.00	17.54
	87	05	0.50	8.76
	87	06	4.50	79.02
	87	11	3.50	68.33
	87	19	1.00	21.44
	87	23	3.00	62.39
	87	24	1.00	20.80

U.S. EPA HEADQUARTERS PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 19 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	PAYROLL HOURS	PAYROLL AMOUNT
			66.30	1186.22
			127.30	2606.12

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
ANDERSON, JOHN C.	87	11	H	1.00	19.41
SUPERVISORY BUDGET ANALYST	87	24	H	3.00	58.24
	90	03	H	3.00	72.11
				7.00	149.76
BAILEY, CARL ARTHUR	88	06	M	32.00	693.51
ENVIRONMENTAL SCIENTIST	88	14	M	8.00	178.46
	88	15	M	2.00	44.62
				42.00	916.59
BATES, DALE I.	87	22	M	4.00	88.83
SUPV ENVIRONMENTAL PROTECTION	87	24	M	2.00	44.41
SPECI	88	06	M	7.00	155.46
	88	10	M	2.00	45.74
	88	11	M	2.00	45.74
				17.00	380.18
BENNETT, HELEN G.	86	24	M	~~4.00~~	32.83
SECRETARY (TYPING)					
				4.00	32.83
BIRKIE, BROOKE K.	87	19	D	3.50	33.04
	87	20	D	0.50	4.71
	87	22	D	1.50	14.19
				5.50	51.94
BLOMGREN, CARL V.	87	20	W	1.00	34.24
ENVIRONMENTAL ENGINEER	87	26	W	1.00	33.78
	89	02	W	1.00	34.33
	89	13	W	2.00	71.17
	89	14	W	1.00	35.57
				6.00	209.09
BOLDING, NORMA J.	89	21	D	20.90 ~~20.70~~	281.54
PARALEGAL SPECIALIST	89	22	D	19.2 ~~19.00~~	257.79
				39.70	539.33
BROWN, HAROLD G.	87	01	M	7.00	174.11

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
BROWN, HAROLD G.	87	15	M	4.00	104.21
CHEMIST	87	20	M	21.00	547.07
	87	21	M	3.00	78.16
				35.00	903.55
BRUNE, DOUGLAS J.	88	09	M	2.00	23.62
ENVIRONMENTAL ENGINEER	88	10	M	1.00	11.82
	88	11	M	5.00	59.07
	89	06	M	2.00	30.19
	89	07	M	5.00	75.50
				15.00	200.20
BUNN, WILLIAM W.	86	25	M	3.00	62.45
ENVIRONMENTAL SCIENTIST	86	26	M	4.00	83.27
	87	01	M	8.00	166.54
	87	02	M	7.00	145.72
	87	06	M	2.00	42.94
	87	07	M	3.00	64.41
	87	19	M	1.00	21.81
	88	08	M	7.00	161.18
	88	09	M	9.00	207.24
	89	09	M	8.00	195.19
	89	10	M	3.00	73.20
	89	12	M	2.00	48.80
	89	13	M	10.00	243.99
	89	14	M	1.00	24.40
				68.00	1541.14
CALOW, MARION S.	90	23	K	1.00	22.04
ENVIRONMENTAL ENGINEER					
				1.00	22.04
CASTOR, MALCOLM O.	86	23	M	8.00	144.89
ENVIRONMENTAL SCIE	86	24	M	3.00	55.51
				11.00	200.40
CLARK, MARY L.	88	01	H	2.00	30.19
OPERATING ACCOUNTANT					
				2.00	30.19

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7-8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
CRANK, JEAN A.	86	20	D	1.00	12.35
SECRETARY (STENOGRAPHY)	86	23	D	5.00	61.75
	87	02	D	5.50	72.39
	87	10	D	1.00	12.78
	87	12	D	0.50	6.44
	87	21	D	1.00	12.80
	87	25	D	3.00	38.44
	88	02	D	1.00	12.78
	88	07	D	2.00	25.55
	88	13	D	1.70	26.23
	88	15	D	1.00	13.12
				22.70	294.63
CROSSLAND, ROY J.	87	10	M	8.00	99.67
ENVIRONMENTAL PROTECTION	87	12	M	4.00	49.82
SPECIALIST	87	16	M	8.00	99.67
				20.00	249.16
CROSSLAND, STEFFANIE G.	90	17	M	2.00	20.22
CHEMIST					
				2.00	20.22
DEIHL, TRUDY	89	13	M	8.00	152.14
CHEMIST					
				8.00	152.14
EASLEY, DIANE M.	87	16	M	16.00	309.87
ENVIRONMENTAL SCIENTIST	87	21	M	4.00	77.47
87 27 M 3.00	87	24	M	3.00	58.11
	88	06	M	6.00	116.20
	89	02	M	7.00	139.71
	89	09	M	8.00	172.89
	89	10	M	6.00	129.66
	89	12	M	4.00	86.44
	89	13	M	2.00	43.22
	89	14	M	1.00	21.60
				57.00	1155.17
EVANS, BARRY W.	86	17	M	6.00	43.68
CHEMIST	87	08	M	4.00	33.86

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
EVANS, BARRY W.	87	14	M	8.00	65.02
	87	15	M	15.00	121.91
				33.00	264.47
FARNAN, MEREDITH A. PARALEGAL SPECIALIST	87	09	D	29.50	362.03
	87	16	D	10.80	144.69
	87	17	D	11.00	152.21
	87	18	D	23.00	338.80
	87	19	D	4.00	58.08
	87	20	D	15.00	217.79
	87	22	D	17.50	254.11
	87	25	D	4.00	45.08
	88	03	D	8.50 ~~17.00~~	250.42
	88	04	D	5.20	76.23
89 16 D 17.00	89	15	D	23.00	298.85
	89	17	D	9.00	116.94
89 19 D 4.00	89	18	D	10.00	134.06
	89	21	D	2.00	31.18
				181.00	2480.47
FRANCE-ISETTS, PAULETTA ENVIRONMENTAL ENGINEER	86	23	W	9.50	171.58
				9.50	171.58
FULTON, JAMES B. STUDENT TRAINEE (C	86	23	M	14.00	99.60
	87	03	M	4.00	28.13
				18.00	127.73
GREATHOUSE, PHILLIP	87	19	M	30.00	232.31
	87	22	M	2.00	15.49
	87	23	M	6.00	52.08
				38.00	299.88
GREEN, FLORENCE SECRETARY (STENOGRAPHY)	87	04	W	6.00	84.20
	87	05	W	1.00	10.65
				7.00	94.85
GREENALL, ROBERT L. SUPERVISORY CHEMIST	89	13	M	2.00	44.41

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
				2.00	44.41
HAAS, BERNARD, JR. CHEMIST	86	25	M	2.00	29.95
				2.00	29.95
HESS, GEORGE K. ENVIRONMENTAL SCIENTIST	86	17	M	44.00	677.56
	86	18	M	25.00	389.24
	86	18	M	9.00	140.12
	86	20	M	6.00	93.42
	86	21	M	4.00	62.26
	86	23	M	8.00	144.15
	86	24	M	58.00	1044.24
	86	25	M	67.00	1204.84
	86	26	M	52.00	933.76
	86	27	M	15.00	272.14
	87	01	M	79.50	1425.50
	87	02	M	53.50	967.24
	87	03	M	34.00	613.68
	87	04	M	48.00	861.93
	87	05	M	50.00	897.88
	87	06	M	48.00	861.93
	87	07	M	14.00	253.52
	87	08	M	12.00	239.58
	87	09	M	12.00	240.94
	87	10	M	17.00	339.43
	87	11	M	35.00	698.84
	87	12	M	20.00	399.34
	87	13	M	24.00	479.20
	87	14	M	30.00	591.91
	87	15	M	8.00	171.11
	87	16	M	18.00	384.16
	87	19	M	6.00	128.43
	87	20	M	24.00	509.16
	87	22	M	3.00	70.58
	87	23	M	33.00	776.46
	87	24	M	11.00	258.83
	87	25	M	12.00	283.79
	88	02	M	9.00	208.07
	88	03	M	38.00	878.45
	88	04	M	50.00	1126.24
	88	05	M	87.00	1944.12
	88	06	M	49.00	1132.75
	88	07	M	38.00	883.35

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
HESS, GEORGE K.	88	08	M	25.00	594.39
	88	09	M	15.00	358.63
	88	10	M	37.00	884.61
	88	11	M	7.00	168.31
	88	12	M	9.00	215.18
	88	14	M	14.00	334.73
	88	15	M	6.00	143.46
	88	17	M	3.00	71.72
	88	20	M	4.00	95.64
	88	23	M	8.00	198.10
	88	24	M	14.00	344.04
	90	17	M	11.50 ~~8.00~~	236.57
				1301.00	26233.53
HOOPES, GAYLE LEGAL INTERN	90	18	D	1.00	10.42
				1.00	10.42
HUDSON, JODY L. SUPERVISORY ENVIRONMENTAL SCIENTIST	87	25	M	13.00	228.37
	88	10	M	13.00	239.96
				26.00	468.33
HUNT, VIOLET M. SECRETARY (TYPING)	90	08	W	1.00	11.02
	90	13	W	0.50	5.71
	90	15	W	1.50	17.21
	90	22	W	2.00	23.63
				5.00	57.57
JACKSON, BERLA C. CHEMIST	86	17	M	16.00	166.35
	86	23	M	15.00	160.92
	86	25	M	2.00	26.50
	86	26	M	3.00	32.32
	87	01	M	3.00	32.33
	87	02	M	3.00	32.17
	87	03	M	5.00	53.64
	87	04	M	4.00	42.92
	87	09	M	8.00	112.04
	87	10	M	6.00	84.04
	87	14	M	13.00	182.06
	87	15	M	22.00	317.57
	87	16	M	5.00	72.17

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
JACKSON, BERLA C.	87	17	M	8.00	115.48
	87	19	M	44.00	654.68
	87	21	M	8.00	114.45
	87	23	M	8.00	115.37
	88	25	M	5.00	
				173.00	2315.01
JUSTIS, PATRICIA K.	87	04	W	5.00	53.95
CLERK (TYPING)	87	05	W	4.80	51.25
	87	16	W	1.00	12.33
Keffer, W. 88 17 M 08.00					
				10.80	117.53
	87	26	H	0.20	
KERSBERGEN, DONNA G.	88	01	H	0.20	3.16
OPERATING ACCOUNTANT	89	09	H	3.50	65.10
	90	07	H	1.00	19.18
				4.70	87.44
KING, RONALD E.	89	18	W	0.50	12.38
SUPERVISORY ENVIRONMENTAL	90	09	W	0.50	13.07
ENGINEER	90	10	W	5.50	143.68
	90	11	W	0.50	13.07
	90	22	W	2.00	52.24
	90	23	W	1.00	26.13
	90	25	W	0.20	6.54
	90	26	W	0.50	13.07
				10.70	280.18
KINSER, STEVEN E.	86	16	W	7.00	139.85
ENVIRONMENTAL ENGINEER (RPM)	86	17	W	10.00	195.30
	86	18	W	20.00	392.67
	86	18	W	3.00	61.26
	86	19	W	5.00 ~~4.00~~	78.53
	86	20	W	8.00	163.32
	86	21	W	11.00	221.52
	86	22	W	29.00	570.03
	86	24	W	25.00	494.71
	86	25	W	14.00	285.80
	86	26	W	19.00	387.64
	86	27	W	5.00	98.85
	87	01	W	16.50	333.37
	87	02	W	33.00	689.39
	87	03	W	11.00	230.21

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
KINSER, STEVEN E.	87	04	W	10.50	219.75
	87	05	W	4.50	94.16
	87	06	W	52.50	1052.86
	87	07	W	18.00	362.42
	87	08	W	42.50	869.93
	87	09	W	36.00	742.72
	87	10	W	33.00	672.43
	87	11	W	39.50	818.29
	87	12	W	49.50	1017.59
	87	13	W	21.50	439.22
	87	14	W	34.50	713.44
	87	15	W	32.50	660.17
	87	16	W	51.50	1056.90
	87	17	W	46.00 ~~43.00~~	889.08
	87	18	W	26.50	538.13
	87	19	W	35.50	721.77
	87	20	W	36.50	751.09
	87	21	W	47.50	978.94
	87	22	W	27.50	588.56
	87	23	W	28.50	598.98
	87	24	W	11.50	241.62
	87	25	W	8.50	184.55
87 27 W 2.0	87	26	W	3.50	75.86
	88	01	W	3.00	64.99
	88	02	W	4.50	97.68
	88	03	W	17.00	364.80
	88	04	W	10.50	223.79
	88	05	W	5.00	107.50
88 07 W 6.50	88	06	W	18.0 16.00	354.40
	88	08	W	17.0 ~~13.50~~	305.86
	88	09	W	25.00	530.46
	88	10	W	15.0 ~~14.00~~	316.94
	88	11	W	15.0 ~~13.50~~	305.72
	88	12	W	5.00	113.25
88 14 W 8.50	88	13	W	5.00	113.24
	88	16	W	4.00	90.54
	88	17	W	4.50	101.95
	88	18	W	8.00	176.76
	88	19	W	2.00	45.28
	88	20	W	11.00	240.49
	88	21	W	5.50 ~~4.50~~	101.89
	88	22	W	4.00	90.55
	88	23	W	15.50	342.09
	88	24	W	5.50	120.21
88 25 W 35.00	88	26	W	3.00	67.83

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
KINSER, STEVEN E.	89	01	W	3.00	63.66
	89	02	W	2.00	45.26
	89	03	W	7.00	137.26
	89	04	W	2.00	45.25
	89	05	W	3.00	64.76
	89	06	W	13.00	301.44
	89	07	W	15.00	347.80
	89	08	W	3.00	70.39
	89	09	W	9.00	219.39
	89	10	W	1.00	24.37
	89	11	W	2.00	48.76
	89	12	W	3.00	73.13
	89	13	W	3.00	73.13
	89	14	W	5.00	121.88
	89	15	W	13.00	316.90
	89	16	W	1.00	24.37
	89	17	W	27.00	658.15
	89	18	W	6.00	146.26
	89	19	W	1.00	24.37
	89	22	W	1.00	24.37
	89	23	W	1.00	24.35
	89	24	W	3.00	73.13
	89	25	W	6.00	146.26
	90	02	W	26.00	633.77
	90	03	W	34.00	828.79
	90	05	W	1.00	24.37
	90	06	W	12.00	292.50
	90	07	W	2.00	48.76
	90	09	W	24.00	609.03
	90	10	W	29.00	735.93
	90	11	W	22.00	600.36
	90	12	W	14.50	395.53
	90	13	W	9.50	259.24
	90	14	W	7.00	191.03
	90	15	W	7.00	191.03
	90	16	W	1.00	27.30
	90	21	W	30.50	832.32
	90	22	W	32.50	886.89
	90	23	W	66.00	1801.08
	90	24	W	23.00	627.65
	90	25	W	19.00	518.49
	90	26	W	26.00	709.52
				1620.00	36195.36
KLEOPFER, ROBERT D.	87	22	M	4.00	112.33

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
				4.00	112.33
KOSAKOWSKI, MICHAEL W.	89	03	W	7.00	235.79
SUPERVISORY PROGRAM ANALYST	89	13	W	2.00	72.19
				9.00	307.98
KROONE, JANICE J.	90	17	M	6.00	137.14
INDUSTIRIAL HYGIENIST					
				6.00	137.14
LANGEMEIER, RALPH N.	90	23	K	1.00	33.73
SUPERVISORY ENVIRONMENTAL ENGINEER					
				1.00	33.73
LEWIS, BONITA D.	87	02	D	2.00	18.95
SECRETARY (TYPING)	87	03	D	2.00	18.94
	87	07	D	2.00	18.94
	87	08	D	3.00	29.25
	87	09	D	6.00	58.52
	87	10	D	2.00	19.51
	87	11	D	3.00	29.25
	87	12	D	4.00	39.01
	87	13	D	2.00	19.51
	87	14	D	2.00 ~~12.00~~	140.46
	87	15	D	3.50	34.19
	87	16	D	3.50	34.18
	87	17	D	1.00	9.75
	87	18	D	2.50	24.42
	87	19	D	4.00	39.01
	87	20	D	1.00	9.75
	87	21	D	2.00	19.51
	87	22	D	1.00	9.75
	87	26	D	1.00	8.97
				57.50	581.87
LUCKET, BEULAH M.	86	17	M	4.00	32.81
PHYSICAL SCIENCE AID	86	23	M	8.00	65.59
	87	03	M	12.00	98.39
	87	15	M	20.00	170.83

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
LUCKET, BEULAH M.	87	19	M	16.00	136.65
	87	23	M	16.00	136.65
	88	15	M	40.00	357.99
				116.00	998.91
MAHONEY, EDITH M. LEGAL CLERK (TYPING)	87	18	D	0.50	4.82
	88	21	D	63.00	623.39
				63.50	628.21
MARCHIN, LAWRENCE M. CHEMIST 87 27 M 1.00	87	10	M	1.00	15.73
	87	24	M	1.00	15.73
	89	09	M	2.00	35.79
	89	10	M	2.00	35.80
	89	12	M	2.00	35.75
	89	14	M	0.50	8.95
	89	20	M	0.50	
				8.50	147.75
MATHIS, YVONNE SECRETARY (TYPING)	87	04	W	8.00	88.33
				8.00	88.33
MCCULLERS, RUBEN B. CIVIL INVESTIGATOR	86	27	W	8.00	150.17
	87	01	W	49.00	906.41
	87	02	W	45.00	867.98
	87	03	W	23.00	443.64
	87	04	W	17.00	324.35
	87	06	W	24.00	433.07
	87	07	W	4.00	77.13
	87	08	W	73.00	1413.65
	87	09	W	46.00	872.41
	87	10	W	53.00	1025.76
	87	11	W	36.00	665.24
	87	12	W	50.00	954.65
	87	13	W	51.00 ~~45.00~~	867.16
	87	14	W	38.00	718.54
	87	15	W	69.00 ~~60.00~~	1163.53
	87	16	W	43.00	833.82
	87	17	W	32.00	621.76
	87	18	W	98.00	1897.30
	87	19	W	96.50	1890.53
	87	20	W	53.00	1058.72

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MCCULLERS, RUBEN B.	87	21	W	97.00	1890.16
	87	22	W	72.00 ~~59.00~~	1179.92
	87	23	W	98.00	1524.29
	87	24	W	82.00	1596.03
	87	25	W	70 ~~140.00~~	2755.32
87 27 W 11.00	87	26	W	89.00	1741.04
	88	01	W	33.00	639.39
	88	02	W	67.00	1294.28
	88	03	W	80.00	1568.10
	88	04	W	76.00	1485.21
	88	05	W	35.00	692.88
	88	06	W	54.00	1064.86
88 08 W 36.50	88	07	W	33.00	659.20
88 10 W 92.00	88	09	W	35.00 ~~27.00~~	556.34
88 12 W 84.00	88	11	W	89.00 ~~63.00~~	1301.85
	88	13	W	47.00 ~~39.00~~	802.58
	88	14	W	71.00	1438.73
88 17 W 35.00	88	16	W	54.00	1111.28
	88	18	W	62.00	1311.59
	88	19	W	69.00	1459.68
	88	20	W	66.00	1396.23
	88	21	W	47.00	994.28
	88	22	W	76.00	1607.79
	88	23	W	103.00	2107.17
88 25 W 77.50	88	24	W	93.00 ~~78.00~~	1652.66
88 27 W 34.00	88	26	W	105.00	2141.81
	89	01	W	44.00	930.82
	89	02	W	64.00	1353.91
	89	03	W	42.00	888.49
	89	04	W	63.00	1332.77
	89	05	W	61.00	1290.43
	89	06	W	46.00	973.12
	89	07	W	34.00	719.25
	89	08	W	69.00	1535.71
	89	09	W	62.00	1379.89
	89	10	W	78.00	1735.91
	89	11	W	51.00	1135.06
	89	12	W	78.00	1736.00
	89	13	W	78.00	1736.01
	89	14	W	79.00	1758.25
	89	16	W	30.00	667.68
	89	18	W	70.00	1557.94
	89	19	W	77.00	1713.74
	89	20	W	68.00	1513.43
	89	22	W	44.00	979.27

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MCCULLERS, RUBEN B.	89	23	W	79.00	1758.25
	89	24	D	75 ~~150.00~~	3338.46
	89	25	W	77 154.00	3427.48
	89	26	W	75.00 ~~75.00~~	-1669.23
	89	27	W	35.00	778.98
90 02 W 86	90	01	W	44.00	979.17
	90	03	W	48.00	1055.87
	90	22	W	4.00	95.21
	90	24	W	7.00	
				4273.50	87860.36
MCCUTCHEON, RONALD D SUPERVISORY ENVIRONMENTAL ENGINEER	86	19	M	3.00	79.99
	86	21	M	3.00	51.81
				6.00	131.80
MCKENZIE, LINDA K. PARALEGAL SPECIALIST	86	18	D	1.00	9.08
	86	19	D	19.00	177.83
	87	18	D	26.00	308.88
	87	19	D	30.00	356.40
	87	20	D	23.50	279.17
	87	21	D	1.80	20.79
	87	22	D	24.50	291.06
	87	23	D	8.00	95.04
	87	24	D	17.00 ~~34.00~~	418.98
	88	03	D	20.00	237.60
	88	04	D	20.50	243.54
	88	05	D	20.00	237.60
	88	06	D	10.20	117.18
	88	07	D	7.00	83.16
	88	23	D	19.80 ~~1.00~~	10.29
	88	24	D	11.50	143.87
	88	25	D	28.00	
				258.00	3030.47
MICHAELS, ROWENA L. PUBLIC AFFAIRS OFFICER	90	03	G	1.00	34.98
	90	23	G	1.00	37.80
				2.00	72.78
MICINSKI, CHERYLE L. SUPERVISORY GENERAL ATTORNEY	88	23	D	10.00	252.29
	88	24	D	1.50	37.82
	89	12	D	0.50	13.59
	89	13	D	0.50	13.58
	89	15	D	0.50	13.52

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MICINSKI, CHERYLE L.	89	19	D	1.50	40.85
	89	21	D	0.50	13.66
	90	02	D	1.00	28.17
	90	08	D	0.50	13.93
	90	09	D	0.50	14.49
90 11 D 0.5	90	10	D	1.50	43.97
90 17 D 0.5	90	18	D	0.50	14.49
	90	21	D	0.50	14.66
	90	23	D	1.50	43.81
	90	25	D	0.50	
				21.00	558.83
MILLER, CAROL A. LEGAL TECHNICIAN (TYPING)	86	26	D	3.00	27.36
	86	27	D	5.00	45.59
	87	01	D	8.00 ~~7.00~~	63.83
	87	02	D	5.00	45.59
	87	03	D	2.00	18.24
	87	04	D	14.00	127.66
	87	05	D	29.00	321.60
	87	06	D	18.00	179.41
	87	07	D	7.00	69.77
	87	08	D	5.50	56.43
	87	09	D	5.50	56.49
	87	10	D	19.00	195.01
	87	11	D	21.00	215.54
	87	12	D	5.00	51.32
	87	13	D	9.00	92.37
	87	14	D	9.00	92.37
	87	15	D	3.00	30.78
	87	16	D	10.00	102.63
	87	17	D	1.00	10.26
	87	19	D	1.00	10.26
	87	20	D	1.00	10.26
	87	21	D	14.00	143.69
	87	23	D	2.00	20.53
	87	25	D	5.00	51.32
	87	26	D	2.00 ~~4.00~~	46.30
	88	01	D	1.00	10.31
	88	02	D	4.00	41.04
	88	03	D	1.00	10.26
	88	04	D	3.00	30.78
88 06 D 3.00	88	07	D	1.00	10.29
	88	10	D	5.00	52.52
	88	12	D	4.00	42.27
	88	13	D	2.00	21.26

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MILLER, CAROL A.	88	15	D	6.00	76.13
	88	16	D	6.00	63.01
	88	17	D	35.00	367.61
	88	18	D	3.00	31.51
	88	19	D	8.00	85.10
	88	20	D	12.00	126.02
	88	21	D	1.00	10.51
	88	22	D	5.00	52.52
	88	23	D	2.00	21.00
	88	24	D	2.00	21.00
88 25 D 2.00	89	03	D	13.00	153.18
	89	08	D	5.00	56.29
	89	09	D	7.00	78.80
89 10 D 7.00	89	11	D	3.00	33.78
	89	13	D	5.00	56.29
	89	14	D	1.00	11.27
	89	15	D	3.00	33.76
	89	23	D	2.00	22.51
				345.00	3603.63
MORBY, ROBERT L. HAZARDOUS MATERIALS OFFICER	86	14	W	1.00	29.18
	86	16	W	4.00	116.75
	86	17	W	1.00	29.18
	86	18	W	3.50	102.26
	86	20	W	0.50	14.71
	86	22	W	2.00	58.37
	86	25	W	5.00	145.89
	86	26	W	0.50	14.69
	87	01	W	2.00	57.66
	87	12	W	1.00	30.96
	87	17	W	4.00	123.81
	87	18	W	3.00	92.84
	87	19	W	5.00	154.78
	87	20	W	15.00	464.33
	87	21	W	2.00	61.91
	87	22	W	2.00	61.91
	87	23	W	6.00	185.73
	87	25	W	9.00	278.60
	87	26	W	12.00	370.15
	88	02	W	1.00	30.56
	88	03	W	1.00	30.56
	88	04	W	1.00	31.32
	88	07	W	2.00	63.45
	88	08	W	5.00	162.89

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
MORBY, ROBERT L.	88	18	W	1.00	32.58
	89	02	W	1.00	32.14
	89	25	W	1.50	54.18
	90	10	W	2.00	77.14
	90	23	W	3.00 ~~2.90~~	113.72
	90	25	W	1.00	38.46
				97.90	3060.71
MOREY, DEBRA A. SUPERVISORY CHEMIST	87	01	M	2.00	36.43
				2.00	36.43
MORRISON, BRUCE A. ENVIRONMENTAL ENGINEER (OSC)	87	17	M	4.00	71.33
				4.00	71.33
PEARL, KAREN S. PARALEGAL SPECIALIST	86	17	D	11.00	103.51
	86	18	D	2.00	18.82
	86	20	D	3.00	28.23
	86	21	D	1.00	9.41
	86	23	D	10.00	94.51
	86	24	D	8.00	75.26
	86	25	D	11.00	106.47
	86	26	D	1.00	9.67
	87	08	D	35.50	360.23
	87	09	D	3.00	30.44
	87	10	D	12.00	121.78
	87	11	D	12.00	121.78
	87	12	D	14.00	142.08
	87	13	D	16.00	162.37
	87	14	D	20.00	202.97
	87	15	D	40.00	405.90
	87	16	D	37.00	375.47
	87	17	D	42.00	426.21
	87	18	D	18.00	182.67
	87	19	D	10.00	101.46
	87	20	D	27.00	274.00
	87	21	D	9.00	91.34
	87	22	D	26.00	263.83
	87	24	D	7.00 ~~14.00~~	142.06
	87	25	D	5.00	50.74
	87	~~27~~ 26	D	4.00	40.34
	87	27	D	1.00	

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEARL, KAREN S.	88	01	D	4.00	40.65
	88	03	D	9.00	91.34
	88	04	D	7.50	76.15
	88	05	D	9.50	96.45
88 06 D 5.50	88	07	D	3.00	30.44
	88	08	D	9.00	95.12
	88	09	D	4.00	42.29
	88	10	D	3.00	31.70
	88	14	D	5.50	58.18
	88	15	D	2.00	21.16
	88	16	D	1.00	10.56
	88	17	D	1.50	15.90
	88	19	D	2.00	21.12
88 20 D 5.00	88	21	D	25.00	264.24
	88	22	D	41.50	438.68
	88	23	D	4.50	47.71
	88	24	D	10.00	105.70
	89	03	D	19.50 ~~19.40~~	222.91
	89	04	D	6.00	65.18
	89	05	D	1.00	10.85
	89	08	D	4.00	45.68
	89	09	D	22.00	251.25
	89	10	D	1.00	11.40
	89	11	D	6.50	74.26
	89	12	D	11.00	125.69
	89	13	D	6.00	68.53
	89	14	D	1.00	11.43
	89	15	D	1.00	11.40
	89	16	D	5.00	57.09
	89	18	D	1.00	11.43
	90	08	D	1.00	12.20
	90	10	D	2.00	25.50
	90	15	D	1.00	12.72
	90	17	D	25.00	318.63
	90	18	D	3.00	38.22
	90	19	D	1.00	12.72
	90	20	D	2.00	25.46
	90	22	D	1.00	12.74
				654.40	6854.23
PEMBERTON, JAMES SCOTT GENERAL ATTORNEY	86	14	D	6.00	127.14
	86	15	D	0.80	15.88
	86	16	D	14.20	300.98
	86	17	D	38.20	807.97

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEMBERTON, JAMES SCOTT	86	18	D	21.20	448.86
	86	18	D	7.50	158.52
	86	19	D	51.80	1093.24
	86	20	D	13.00	274.61
	86	21	D	23.00	537.50
	86	22	D	19.80	461.60
	86	23	D	46.00	1074.99
	86	24	D	34.80	756.72
	86	25	D	41.50	903.76
	86	26	D	41.80	909.16
	86	27	D	15.20	332.06
	87	01	D	46.20	1007.14
	87	02	D	45.80	996.26
	87	03	D	35.20	767.53
	87	04	D	47.20	1028.84
	87	05	D	64.20	1399.01
	87	06	D	56.50	1224.16
	87	07	D	28.80	626.07
	87	08	D	35.50	797.75
	87	09	D	33.00	741.59
	87	10	D	33.20	747.16
	87	11	D	45.00	1011.25
	87	12	D	43.20	970.79
	87	13	D	33.80	758.49
	87	14	D	40.50	910.23
	87	15	D	39.80	893.33
	87	16	D	48.00	1078.68
	87	17	D	38.50	865.16
	87	18	D	49.20	1106.72
	87	19	D	45.80	1028.16
	87	20	D	48.00	1078.68
	87	21	D	49.00	1101.14
	87	22	D	40.00	898.90
	87	23	D	18.20	410.07
	87	24	D	28.00 ~~81.50~~	1829.93
87 26 D 21.8	87	25	D	22.80	511.29
	87	27	D	3.8 ~~7.60~~	168.56
	88	01	D	9.00	202.23
	88	02	D	7.50	168.63
	88	03	D	27.80	623.65
	88	04	D	28.20	634.80
88 06 D 42.50	88	05	D	21.50	483.13
88 08 D 9.80	88	07	D	18.00	404.51
	88	09	D	9.80	229.63
	88	10	D	12.80	300.28

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEMBERTON, JAMES SCOTT	88	11	D	2.50	58.97
	88	12	D	6.20	147.13
	88	13	D	12.50	294.43
	88	14	D	19.50	459.27
	88	15	D	7.70	182.55
	88	16	D	47.20	1112.58
	88	17	D	37.00	871.26
	88	18	D	9.00	211.94
	88	19	D	13.50	317.99
	88	20	D	14.50	341.43
	88	21	D	16.50	388.62
	88	22	D	26.20	618.07
	88	23	D	24.50	618.20
	88	24	D	18.00	454.12
	88	26	D	4.00	104.34
	89	01	D	2.50	60.56
	89	02	D	1.50	36.45
	89	03	D	1.80 ~~1.70~~	42.45
	89	04	D	1.50	36.45
	89	05	D	0.8 0.70	16.94
	89	06	D	12.00	289.22
	89	07	D	19.00	460.37
	89	08	D	47.20	1202.95
	89	09	D	39.80 ~~39.70~~	1010.76
	89	10	D	26.80 ~~26.70~~	679.65
	89	11	D	10.00	254.59
	89	12	D	6.50	165.49
	89	14	D	18.20	464.66
	89	15	D	7.80 ~~7.70~~	195.90
	89	16	D	5.00	127.28
	89	17	D	8.50	216.42
	89	18	D	4.50	114.58
	89	19	D	3.00	76.37
	89	20	D	2.50	63.66
	89	21	D	0.80 ~~0.70~~	19.10
	89	23	D	2.00	50.93
	89	25	D	0.20	6.37
	90	04	D	6.50	165.33
	90	06	D	1.80 ~~1.70~~	43.13
	90	07	D	6.20	157.80
	90	08	D	7.50	190.81
	90	09	D	5.70	150.84
	90	10	D	13.50	357.64
	90	11	D	7.50	198.54
	90	12	D	12.70	336.28
	90	13	D	6.80	

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEMBERTON, JAMES SCOTT	90	14	D	10.00	264.91
	90	15	D	17.50	463.45
	90	16	D	17.20	456.99
	90	17	D	12.20	323.15
	90	18	D	1.00	26.47
	90	19	D	2.20	58.23
	90	21	D	0.20	6.82
	90	22	D	4.20	115.73
90 24 D 9.00	90	23	D	29.00	789.64
	90	25	D	8.20	224.65
				2231.50	51309.20
	87	24	G	13.50	
PENNINGTON, PATRICIA W.	87	25	G	8.00	107.68
PUBLIC AFFAIRS ASSISTANT	88	23	G	0.50	5.98
				8.50	113.66
PETERSON, MARY P. ENVIRONMENTAL ENGINEER	90	09	W	4.00	78.44
				4.00	78.44
PIET, DAVID A.	90	16	H	9.00	207.14
OPERATING ACCOUNTANT	90	17	H	1.00	23.01
				10.00	230.15
PRICE, ROGER E. CHEMIST	87	23	M	5.00	69.75
				5.00	69.75
REGER, JAMES W. ENVIRONMENTAL ENGINEER	89	07	W	15.00	313.40
				15.00	313.40
REID, DIANA G.	87	08	D	7.20	73.40
PARALEGAL SPECIALIST	87	09	D	34.00	346.74
	87	10	D	36.00	367.13
	87	14	D	18.00	183.57
	87	15	D	44.50	488.44
	87	16	D	31.20	318.67
	87	17	D	73.5 ~~72.40~~	777.86

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
REID, DIANA G.	87	18	D	97.00	1106.53
	87	19	D	102.00	1129.88
	87	20	D	82.50	895.99
	87	21	D	73.80	799.45
	87	22	D	78.00	819.78
	87	23	D	86.80	979.34
	87	24	D	72.50 ~~145.00~~	1557.58
	87	25	D	45.00	458.92
	87	26	D	93.00	933.31
	87	27	D	8.00 ~~16.00~~	163.16
	88	01	D	45.00	458.90
	88	02	D	71.00	740.24
	88	03	D	32.00	326.34
	88	04	D	80.20	901.75
88 06 D 53.00	88	05	D	62.50	671.47
	88	07	D	45.00	458.92
	88	08	D	4.00	42.97
	88	09	D	90.00	1123.31
	88	10	D	61.00	728.15
	88	11	D	77.50 ~~78.00~~	979.52
	88	12	D	92.00	1155.44
	88	13	D	72.00	859.45
88 15 D 78.00	88	14	D	73.00	871.39
	88	16	D	66.00	787.83
	88	17	D	61.00	728.14
	88	18	D	34.00	405.84
	88	19	D	85.00	1038.48
	88	20	D	70.00	835.56
	88	21	D	63.00	752.02
	88	22	D	79.00	943.01
	88	23	D	97.50	1247.36
88 25 D 43.00	88	24	D	85.00	1057.48
	88	26	D	89.50	1113.67
	89	01	D	36.00	429.72
	89	02	D	67.00	799.75
	89	03	D	82.00	1027.13
	89	04	D	60.00	716.22
	89	05	D	56.00	668.45
89 07 D 37.00	89	06	D	70.00	835.56
	89	08	D	52.00	646.15
	89	09	D	45.00	577.75
	89	10	D	76.00	1141.78
	89	11	D	69.00	1073.70
	89	12	D	89.50	1387.87
	89	13	D	67.00	1006.58

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
REID, DIANA G.	89	14	D	69.00	1036.61
	89	15	D	36.00	540.84
	89	16	D	31.00	465.72
	89	17	D	74.00	1111.75
	89	18	D	50.00	751.18
	89	19	D	73.00	1096.70
	89	20	D	73.00	1096.70
	89	21	D	46.50	698.60
	89	22	D	74.50	1119.26
89 24 D 73.00	89	23	D	76.50	1149.30
	89	25	D	70.00	1051.64
	89	26	D	75.00	1126.77
	89	27	D	35.00	525.83
	90	01	D	28.00 ~~25.00~~	375.60
	90	02	D	106.50	1709.20
	90	03	D	63.50	999.32
90 10 D 3.00	90	22	D	4.00	69.96
	90	24	D	9.00	178.59
				4359.10	55041.22
RITTER, RONALD R. CONGRESSIONAL AND INTERGOVERNMENTAL	86	25	B	2.00	61.34
	87	01	B	3.00	90.88
	87	02	B	4.00	121.14
	87	03	B	1.00	30.29
	87	04	B	5.00	138.40
	87	05	B	1.00	30.29
	87	07	B	1.00	30.69
	87	09	B	1.00	31.69
	87	10	B	1.00	31.69
	87	20	B	2.00	63.38
	88	09	B	3.00	97.74
	90	03	B	1.00	35.60
	90	23	B	2.00	76.98
				27.00	840.11
ROBERDES, SUZANNE CHEMIST	86	17	M	17.00	216.60
	86	18	M	3.50	44.64
	86	26	M	15.00	191.08
	86	27	M	1.00	12.76
	87	01	M	14.50	205.84
	87	02	M	45.00	573.27
	87	03	M	4.00	50.96
	87	04	M	3.00	38.21

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
ROBERDES, SUZANNE	87	05	M	14.00	178.34
	87	10	M	20.50	278.51
	87	15	M	20.50	278.51
	87	17	M	16.00	217.33
	87	19	M	55.2 ~~54.20~~	781.37
	87	20	M	48.50	695.77
	87	21	M	32.00 ~~30.00~~	407.50
	87	23	M	29.00	393.92
	87	24	M	11.00 ~~14.00~~	202.98
	87	25	M	6.00	81.49
	88	16	M	9.00	133.95
88 26 M 3.00 →	90	17	M	5.00	86.23
				369.70	5069.26
RODRIGUEZ, IRINO R. ENVIRONMENTAL PROTECTION SPECIALIST	86	17	M	14.00	164.41
	86	18	M	2.00	23.48
	86	23	M	9.00	105.70
	87	02	M	34.00	471.93
	87	03	M	20.00 ~~33.00~~	446.96
	87	05	M	18.00	211.35
	87	15	M	12.00	149.76
	87	17	M	8.00	99.84
	87	25	M	15.00	187.20
				145.00	1860.63
SAMEK, PAMELA G. ENVIRONMENTAL PROTECTION SPECIALIST	88	21	W	3.00	33.64
				3.00	33.64
SANDERSON, MICHAEL J. SUPERVISORY ENVIRONMENTAL ENGINEER	89	13	W	1.50	54.18
	89	18	W	0.50	18.05
				2.00	72.23
SANDIFER, DONALD E ENVIRONMENTAL ENGINEER	87	06	M	9.00	185.45
	87	08	M	8.00	173.41
				17.00	358.86
SHEEHY, JOSEPH E. CIVIL INVESTIGATOR	90	09	W	0.00	0.00

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
				0.00	0.00
SIMMONS, DELORES M.	86	17	M	1.00	8.92
ENVIRONMENTAL PROTECTION	86	18	M	1.00	8.90
SPECIALIST	86	21	M	0.50	4.49
	87	02	M	0.50	4.49
				3.00	26.80
SMITH, CRAIG W.	86	23	W	1.00	22.75
SUPERVISORY ENVIRONMENTAL	86	24	W	4.00 ~~5.00~~	90.93
ENGINEER	86	25	W	1.00	22.75
	86	26	W	3.00	68.25
	87	01	W	1.00	22.71
	87	08	W	1.00	23.82
	87	09	W	1.00	23.82
	87	19	W	2.00	47.64
	87	20	W	2.00	47.64
	88	18	W	1.00	28.49
				18.00	398.80
SOUSLEY, JOYCE A.	90	04	D	1.00	11.36
SECRETARY (TYPING)	90	09	D	3.00	35.73
				4.00	47.09
STEINCAMP, MARIHA R.	87	12	D	3.00	87.92
REGIONAL COUNSEL	87	13	D	10.50	307.69
	87	14	D	11.00	322.37
	87	15	D	3.00	87.92
	87	16	D	4.00	117.23
	87	17	D	6.00	175.82
	87	18	D	62.00	1817.00
	87	19	D	13.00	380.98
	87	20	D	23.00	674.06
	87	21	D	12.00	351.69
	87	22	D	2.00	58.61
87 26 D 1.00	87	24	D	2.00	58.61
	88	03	D	1.00 ~~2.00~~	59.64
	88	04	D	1.00	29.85
88 06 D 2.00	88	05	D	1.00	29.82
	88	07	D	2.00	60.49
	88	08	D	2.00	61.89
88 13 D 0.500	90	03	D	1.00	35.87

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
				160.50	4717.46
TRIPP, DAVID R.	86	19	D	8.00	270.03
	86	20	D	16.00	540.09
	86	21	D	11.00	371.30
	86	26	D	16.00	533.00
	87	01	D	7.00	233.17
	87	02	D	7.00	233.19
	87	10	D	3.00	104.66
	87	11	D	6.00	215.24
	87	12	D	3.00	107.62
	87	13	D	6.00	215.24
	87	14	D	4.00	149.50
	87	15	D	6.00	224.29
	87	16	D	3.00	101.34
	87	17	D	6.00	209.86
	87	18	D	1.00	37.36
	87	19	W	3.00	101.34
	87	21	D	1.00	37.38
	87	22	D	2.00	74.74
	87	23	D	1.00	43.45
	88	02	D	1.00	42.37
	88	03	D	1.00	42.34
				112.00	3887.51
ULMER, DEANNA K.	87	04	W	14.50	150.83
SECRETARY (TYPING)	87	05	W	1.00	8.50
				15.50	159.33
VAHSHOLTZ, LESTER M.	89	03	H	10.00	205.34
VISUAL INFORMATION SPECIALIST	89	04	H	4.00	82.13
	89	05	H	30.50	626.33
	89	07	H	39.50	811.03
	89	08	H	32.00	689.82
	89	09	H	14.50	312.68
	89	12	H	17.00	366.48
	89	13	H	6.00	129.34
				153.50	3223.15
WAGONER, DAVID A.	87	16	W	1.00	35.17
DIRECTOR, WASTE MANAGEMENT	87	17	W	2.00 ~~3.00~~	113.12
DIVISION	87	19	W	1.00	38.98

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
WAGONER, DAVID A.	87	20	W	1.00	38.98
	87	21	W	2.00	77.95
88 07 W 1.00	88	03	W	1.00	38.47
	88	18	W	1.00	39.20
	89	18	W	2.00	82.08
	90	23	W	2.00	85.28
				14.00	549.23
WASHINGTON, BEVERLY A. FINANCIAL MANAGEMENT ASSISTANT	90	09	H	51.00	733.17
				51.00	733.17
WEATHERFORD, JEFFREY G. ENVIRONMENTAL ENGINEER	86	19	M	3.00	40.29
	86	25	M	5.00	85.45
	86	26	M	2.00	30.82
	87	16	M	32.00	566.30
				42.00	722.86
WELKER, SHELLEY M. ENVIRONMENTAL SCIENTIST (Brodie)	87	02	W	1.00	10.26
	87	04	W	17.00	174.47
	87	06	W	1.00	12.60
				19.00	197.33
WELLS, WANDA H. VISUAL INFORMATION SPECIALIST	89	04	H	4.50	68.14
	89	05	H	2.50	37.88
	89	08	H	4.00	63.29
	89	09	H	8.00	126.56
	89	10	H	1.00	15.82
	89	12	H	15.00	237.30
	89	15	H	4.00	63.29
				39.00	612.28
WERHOLTZ, JANE B. SUPERVISORY GENERA	86	17	D	1.50	39.15
	86	18	D	0.50	13.16
	86	19	D	0.50	13.16
	86	21	D	1.20	32.59
	86	22	D	0.20	6.48
	86	23	D	0.50	13.16
	86	24	D	2.50	65.39
	86	25	D	0.50	13.16

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
WERHOLTZ, JANE B.	87	01	D	1.80	47.00
	87	03	D	0.20	5.75
	87	05	D	0.20	6.58
	87	07	D	0.20	6.67
	87	09	D	0.20	6.88
	87	10	D	0.50	13.98
	87	11	D	1.20	34.63
	87	12	D	0.80	20.86
	87	13	D	0.80	20.86
	87	16	D	0.50	13.98
	87	17	D	2.00	55.49
	87	18	D	0.80	20.86
	87	19	D	0.80	20.86
	87	23	D	0.20	6.88
	87	25	D	0.20	6.88
				17.80	484.41
WERST, JOLLEEN G. ENVIRONMENTAL PROTECTION SPECIALIST	90	09	W	4.00	44.99
	90	23	W	1.50	16.87
				5.50	61.86
WILSON, EDITH E. PUBLIC AFFAIRS SPECIALIST	86	18	B	2.00	35.51
	86	23	B	19.00	347.92
	86	24	B	2.00	36.62
	86	25	B	6.00	109.87
	86	26	B	6.00	109.87
	87	01	B	9.50	173.92
	87	03	B	2.00	37.71
	87	06	B	6.00	113.12
	87	08	B	6.00	116.95
	87	09	B	1.00	19.50
	87	11	B	3.00	58.48
	87	12	B	7.00	136.46
	87	14	B	9.00	175.41
	87	15	B	2.00	38.98
	87	19	B	2.00	38.98
88 09 B 5.00	87	22	B	1.00	19.47
88 11 B 1.00	88	03	B	4.00	160.44
	88	18	B	1.00	20.52
88 23 B 10.00	88	19	B	3.00	63.35
88 24 B 6.00	88	20	B	2.00	42.23
	89	01	B	9.00	190.03
	89	02	B	5.00	105.57

U.S. EPA REGION VII PERSONNEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 1990 ENDING / /

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
WILSON, EDITH E.	89	03	B	6.00	130.16
				117.50	2281.07
WURTZ, STEPHEN P.	88	08	G	2.00	42.11
PUBLIC AFFAIRS SPECIALIST	88	09	G	5.00	105.27
	89	01	G	3.00	64.88
	89	14	G	2.00	46.69
	89	15	G	2.00	46.69
	89	19	G	2.00	46.69
				16.00	352.33
YUE, KENNETH T.	86	17	M	6.00	112.01
CHEMIST	87	02	M	1.00	19.23
	87	14	M	2.00	39.59
				9.00	170.83
				17737.00	318660.15

U.S. EPA REGION VII TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH / /

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
	00A7870097	MS73A	08/07/87	2.91
	00SE870106	MS75B	09/09/87	23.36
	00JN880095	MB248	06/25/88	13.02
	00SE880114	MB348	09/22/88	2.35
	00SE880117	MB354	09/24/88	0.90
	00MR880074	MS890	03/30/88	2.55
	00SE880117	MB354	09/24/88	18.84
	00AP880087	MB167	05/26/88	25.20
	00MR880071	MS884	03/18/88	69.00
	0007DA0112		04/28/89	7.12
	0007DA0710		05/20/89	19.50
	0007DA0729		06/27/89	35.63
	0007DA0751		08/10/89	40.13
	0007DA0752		08/10/89	24.00
	0007DA0766		08/25/89	41.25
	0007DA0785		09/22/89	41.61
	0007WB0771		06/27/89	25.89
	0007WC0805		08/11/89	32.26
	0007WC0805		08/11/89	-32.26
	0007WC0805		08/11/89	32.26
	0007WC0836		08/25/89	21.39
	0007DA0795		10/02/89	15.38
	9007DA0051		11/29/89	37.20
	9007DA0136		03/16/90	12.85
	0007DA0800		10/31/89	43.00
	0007WC0912		10/31/89	38.86
	00JN880096	M8253	06/21/88	13.02
				594.22
BAILEY, CARL ARTHUR ENVIRONMENTAL SCIENTIST	000T205088	AS881	04/08/88	12.50
				12.50
HESS, GEORGE K. ENVIRONMENTAL SCIENTIST	000T295746	AS708	10/25/86	37.50
	000T263202	AS828	11/24/87	87.50
	000T263772	AS836	12/10/87	100.00
	000T205087	AS881	04/08/88	12.50
				237.50
KAY, MORRIS REGIONAL ADMINISTRATOR	000C890001	M9001	10/13/88	15.00
				15.00

Done CDMS 11/9/90

U.S. EPA REGION VII TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH / /

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
KINSER, STEVEN E. ENVIRONMENTAL ENGINEER (RPM)	000T296987	AS72B	07/24/87	46.84
				46.84
MCCULLERS, RUBEN B. CIVIL INVESTIGATOR	000T177880	AS798	06/11/87	50.00
	0IRT252001	AS72B	07/21/87	198.00
	000T252001	AS72B	07/21/87	110.57
				358.57
REID, DIANA G. PARALEGAL SPECIALIST	000T177924	AS798	06/11/87	50.00
	0IRT177927	AS82A	07/21/87	198.00
	000T177927	AS82A	07/21/87	93.91
				341.91
				1606.54

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

ACCOUNTING PERIOD	FISCAL YEAR	PAYROLL HOURS	INDIRECT RATE	INDIRECT COSTS
FISCAL YEAR	86	666.00	60.00	39960.00
FISCAL YEAR	87	3835.50	61.00	233965.50
FISCAL YEAR	88	2007.00	61.00	122427.00
FISCAL YEAR	89	1571.50	61.00	95861.50
FISCAL YEAR	90	537.60	61.00	32793.60
TOTAL :		8617.60		525007.60

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BENNETT, HELEN G.	86	M	24	4.00	60.00	240.00
BENNETT, HELEN G.				4.00		240.00
BUNN, WILLIAM W.	86	M	25	3.00	60.00	180.00
		M	26	4.00	60.00	240.00
BUNN, WILLIAM W.				7.00		420.00
CASTOR, MALCOLM O.	86	M	23	8.00	60.00	480.00
		M	24	3.00	60.00	180.00
CASTOR, MALCOLM O.				11.00		660.00
EVANS, BARRY W.	86	M	17	6.00	60.00	360.00
EVANS, BARRY W.				6.00		360.00
FRANCE-ISETTS, PAULETTA	86	W	23	9.50	60.00	570.00
FRANCE-ISETTS, PAULETTA				9.50		570.00
FULTON, JAMES B.	86	M	23	14.00	60.00	840.00
FULTON, JAMES B.				14.00		840.00
HAAS, BERNARD, JR.	86	M	25	2.00	60.00	120.00
HAAS, BERNARD, JR.				2.00		120.00
HESS, GEORGE K.	86	M	18	25.00	60.00	1500.00
		M	20	6.00	60.00	360.00
		M	21	4.00	60.00	240.00
		M	23	8.00	60.00	480.00
		M	24	58.00	60.00	3480.00
		M	25	67.00	60.00	4020.00
		M	26	52.00	60.00	3120.00
		M	27	15.00	60.00	900.00
		M	17	44.00	60.00	2640.00
		M	18	9.00	60.00	540.00
HESS, GEORGE K.				288.00		17280.00
JACKSON, BERLA C.	86	M	23	15.00	60.00	900.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
JACKSON, BERLA C.	86	M	25	2.00	60.00	120.00
		M	26	3.00	60.00	180.00
		M	17	16.00	60.00	960.00
JACKSON, BERLA C.				36.00		2160.00
KINSER, STEVEN E.	86	W	18	20.00	60.00	1200.00
		W	19	4.00	60.00	240.00
		W	20	8.00	60.00	480.00
		W	21	11.00	60.00	660.00
		W	22	29.00	60.00	1740.00
		W	24	25.00	60.00	1500.00
		W	25	14.00	60.00	840.00
		W	26	19.00	60.00	1140.00
		W	27	5.00	60.00	300.00
		W	16	7.00	60.00	420.00
		W	17	10.00	60.00	600.00
		W	18	3.00	60.00	180.00
KINSER, STEVEN E.				155.00		9300.00
LUCKET, BEULAH M.	86	M	23	8.00	60.00	480.00
		M	17	4.00	60.00	240.00
LUCKET, BEULAH M.				12.00		720.00
MCCULLERS, RUBEN B.	86	W	27	8.00	60.00	480.00
MCCULLERS, RUBEN B.				8.00		480.00
MCCUTCHEON, RONALD D	86	M	19	3.00	60.00	180.00
		M	21	3.00	60.00	180.00
MCCUTCHEON, RONALD D				6.00		360.00
MORBY, ROBERT L.	86	W	18	3.50	60.00	210.00
		W	20	0.50	60.00	30.00
		W	22	2.00	60.00	120.00
		W	25	5.00	60.00	300.00
		W	26	0.50	60.00	30.00
		W	14	1.00	60.00	60.00
		W	16	4.00	60.00	240.00
		W	17	1.00	60.00	60.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MORBY, ROBERT L.				17.50		1050.00
ROBERDES, SUZANNE	86	M	26	15.00	60.00	900.00
		M	27	1.00	60.00	60.00
		M	17	17.00	60.00	1020.00
		M	18	3.50	60.00	210.00
ROBERDES, SUZANNE				36.50		2190.00
RODRIGUEZ, IRINO R.	86	M	23	9.00	60.00	540.00
		M	17	14.00	60.00	840.00
		M	18	2.00	60.00	120.00
RODRIGUEZ, IRINO R.				25.00		1500.00
SIMMONS, DELORES M.	86	M	21	0.50	60.00	30.00
		M	17	1.00	60.00	60.00
		M	18	1.00	60.00	60.00
SIMMONS, DELORES M.				2.50		150.00
SMITH, CRAIG W.	86	W	23	1.00	60.00	60.00
		W	24	5.00	60.00	300.00
		W	25	1.00	60.00	60.00
		W	26	3.00	60.00	180.00
SMITH, CRAIG W.				10.00		600.00
WEATHERFORD, JEFFREY G.	86	M	19	3.00	60.00	180.00
		M	25	5.00	60.00	300.00
		M	26	2.00	60.00	120.00
WEATHERFORD, JEFFREY G.				10.00		600.00
YUE, KENNETH T.	86	M	17	6.00	60.00	360.00
YUE, KENNETH T.				6.00		360.00
TOTAL PER FISCAL YEAR	86			666.00		39960.00
BATES, DALE I.	87	M	22	4.00	61.00	244.00
		M	24	2.00	61.00	122.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BATES, DALE I.				6.00		366.00
BLOMGREN, CARL V.	87	W	20	1.00	61.00	61.00
		W	26	1.00	61.00	61.00
BLOMGREN, CARL V.				2.00		122.00
BROWN, HAROLD G.	87	M	01	7.00	61.00	427.00
		M	15	4.00	61.00	244.00
		M	20	21.00	61.00	1281.00
		M	21	3.00	61.00	183.00
BROWN, HAROLD G.				35.00		2135.00
BUNN, WILLIAM W.	87	M	01	8.00	61.00	488.00
		M	02	7.00	61.00	427.00
		M	06	2.00	61.00	122.00
		M	07	3.00	61.00	183.00
		M	19	1.00	61.00	61.00
BUNN, WILLIAM W.				21.00		1281.00
CROSSLAND, ROY J.	87	M	10	8.00	61.00	488.00
		M	12	4.00	61.00	244.00
		M	16	8.00	61.00	488.00
CROSSLAND, ROY J.				20.00		1220.00
EASLEY, DIANE M.	87	M	16	16.00	61.00	976.00
		M	21	4.00	61.00	244.00
		M	24	3.00	61.00	183.00
EASLEY, DIANE M.				23.00		1403.00
EVANS, BARRY W.	87	M	08	4.00	61.00	244.00
		M	14	8.00	61.00	488.00
		M	15	15.00	61.00	915.00
EVANS, BARRY W.				27.00		1647.00
FULTON, JAMES B.	87	M	03	4.00	61.00	244.00
FULTON, JAMES B.				4.00		244.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
GREATHOUSE, PHILLIP	87	M	19	30.00	61.00	1830.00
		M	22	2.00	61.00	122.00
		M	23	6.00	61.00	366.00
GREATHOUSE, PHILLIP				38.00		2318.00
GREEN, FLORENCE	87	W	04	6.00	61.00	366.00
		W	05	1.00	61.00	61.00
GREEN, FLORENCE				7.00		427.00
HESS, GEORGE K.	87	M	01	79.50	61.00	4849.50
		M	02	53.50	61.00	3263.50
		M	03	34.00	61.00	2074.00
		M	04	48.00	61.00	2928.00
		M	05	50.00	61.00	3050.00
		M	06	48.00	61.00	2928.00
		M	07	14.00	61.00	854.00
		M	08	12.00	61.00	732.00
		M	09	12.00	61.00	732.00
		M	10	17.00	61.00	1037.00
		M	11	35.00	61.00	2135.00
		M	12	20.00	61.00	1220.00
		M	13	24.00	61.00	1464.00
		M	14	30.00	61.00	1830.00
		M	15	8.00	61.00	488.00
		M	16	18.00	61.00	1098.00
		M	19	6.00	61.00	366.00
		M	20	24.00	61.00	1464.00
		M	22	3.00	61.00	183.00
		M	23	33.00	61.00	2013.00
		M	24	11.00	61.00	671.00
		M	25	12.00	61.00	732.00
HESS, GEORGE K.				592.00		36112.00
HUDSON, JODY L.	87	M	25	13.00	61.00	793.00
HUDSON, JODY L.				13.00		793.00
JACKSON, BERLA C.	87	M	01	3.00	61.00	183.00
		M	02	3.00	61.00	183.00
		M	03	5.00	61.00	305.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
JACKSON, BERLA C.	87	M	04	4.00	61.00	244.00
		M	09	8.00	61.00	488.00
		M	10	6.00	61.00	366.00
		M	14	13.00	61.00	793.00
		M	15	22.00	61.00	1342.00
		M	16	5.00	61.00	305.00
		M	17	8.00	61.00	488.00
		M	19	44.00	61.00	2684.00
		M	21	8.00	61.00	488.00
		M	23	8.00	61.00	488.00
JACKSON, BERLA C.				137.00		8357.00
JUSTIS, PATRICIA K.	87	W	04	5.00	61.00	305.00
		W	05	4.80	61.00	292.80
		W	16	1.00	61.00	61.00
JUSTIS, PATRICIA K.				10.80		658.80
KINSER, STEVEN E.	87	W	01	16.50	61.00	1006.50
		W	02	33.00	61.00	2013.00
		W	03	11.00	61.00	671.00
		W	04	10.50	61.00	640.50
		W	05	4.50	61.00	274.50
		W	06	52.50	61.00	3202.50
		W	07	18.00	61.00	1098.00
		W	08	42.50	61.00	2592.50
		W	09	36.00	61.00	2196.00
		W	10	33.00	61.00	2013.00
		W	11	39.50	61.00	2409.50
		W	12	49.50	61.00	3019.50
		W	13	21.50	61.00	1311.50
		W	14	34.50	61.00	2104.50
		W	15	32.50	61.00	1982.50
		W	16	51.50	61.00	3141.50
		W	17	43.00	61.00	2623.00
		W	18	26.50	61.00	1616.50
		W	19	35.50	61.00	2165.50
		W	20	36.50	61.00	2226.50
		W	21	47.50	61.00	2897.50
		W	22	27.50	61.00	1677.50
		W	23	28.50	61.00	1738.50
		W	24	11.50	61.00	701.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	87	W	25	8.50	61.00	518.50
		W	26	3.50	61.00	213.50
KINSER, STEVEN E.				755.00		46055.00
KLEOPFER, ROBERT D.	87	M	22	4.00	61.00	244.00
KLEOPFER, ROBERT D.				4.00		244.00
LUCKET, BEULAH M.	87	M	03	12.00	61.00	732.00
		M	15	20.00	61.00	1220.00
		M	19	16.00	61.00	976.00
		M	23	16.00	61.00	976.00
LUCKET, BEULAH M.				64.00		3904.00
MARCHIN, LAWRENCE M.	87	M	10	1.00	61.00	61.00
		M	24	1.00	61.00	61.00
MARCHIN, LAWRENCE M.				2.00		122.00
MATHIS, YVONNE	87	W	04	8.00	61.00	488.00
MATHIS, YVONNE				8.00		488.00
MCCULLERS, RUBEN B.	87	W	01	49.00	61.00	2989.00
		W	02	45.00	61.00	2745.00
		W	03	23.00	61.00	1403.00
		W	04	17.00	61.00	1037.00
		W	06	24.00	61.00	1464.00
		W	07	4.00	61.00	244.00
		W	08	73.00	61.00	4453.00
		W	09	46.00	61.00	2806.00
		W	10	53.00	61.00	3233.00
		W	11	36.00	61.00	2196.00
		W	12	50.00	61.00	3050.00
		W	13	45.00	61.00	2745.00
		W	14	38.00	61.00	2318.00
		W	15	60.00	61.00	3660.00
		W	16	43.00	61.00	2623.00
		W	17	32.00	61.00	1952.00
		W	18	98.00	61.00	5978.00
		W	19	96.50	61.00	5886.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MCCULLERS, RUBEN B.	87	W	20	53.00	61.00	3233.00
		W	21	97.00	61.00	5917.00
		W	22	59.00	61.00	3599.00
		W	23	98.00	61.00	5978.00
		W	24	82.00	61.00	5002.00
		W	25	140.00	61.00	8540.00
		W	26	89.00	61.00	5429.00
MCCULLERS, RUBEN B.				1450.50		88480.50
MORBY, ROBERT L.	87	W	01	2.00	61.00	122.00
		W	12	1.00	61.00	61.00
		W	17	4.00	61.00	244.00
		W	18	3.00	61.00	183.00
		W	19	5.00	61.00	305.00
		W	20	15.00	61.00	915.00
		W	21	2.00	61.00	122.00
		W	22	2.00	61.00	122.00
		W	23	6.00	61.00	366.00
		W	25	9.00	61.00	549.00
		W	26	12.00	61.00	732.00
MORBY, ROBERT L.				61.00		3721.00
MOREY, DEBRA A.	87	M	01	2.00	61.00	122.00
MOREY, DEBRA A.				2.00		122.00
MORRISON, BRUCE A.	87	M	17	4.00	61.00	244.00
MORRISON, BRUCE A.				4.00		244.00
PRICE, ROGER E.	87	M	23	5.00	61.00	305.00
PRICE, ROGER E.				5.00		305.00
ROBERDES, SUZANNE	87	M	01	14.50	61.00	884.50
		M	02	45.00	61.00	2745.00
		M	03	4.00	61.00	244.00
		M	04	3.00	61.00	183.00
		M	05	14.00	61.00	854.00
		M	10	20.50	61.00	1250.50
		M	15	20.50	61.00	1250.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
ROBERDES, SUZANNE	87	M	17	16.00	61.00	976.00
		M	19	54.20	61.00	3306.20
		M	20	48.50	61.00	2958.50
		M	21	30.00	61.00	1830.00
		M	23	29.00	61.00	1769.00
		M	24	14.00	61.00	854.00
		M	25	6.00	61.00	366.00
ROBERDES, SUZANNE				319.20		19471.20
RODRIGUEZ, IRINO R.	87	M	02	34.00	61.00	2074.00
		M	03	33.00	61.00	2013.00
		M	05	18.00	61.00	1098.00
		M	15	12.00	61.00	732.00
		M	17	8.00	61.00	488.00
		M	25	15.00	61.00	915.00
RODRIGUEZ, IRINO R.				120.00		7320.00
SANDIFER, DONALD E	87	M	06	9.00	61.00	549.00
		M	08	8.00	61.00	488.00
SANDIFER, DONALD E				17.00		1037.00
SIMMONS, DELORES M.	87	M	02	0.50	61.00	30.50
SIMMONS, DELORES M.				0.50		30.50
SMITH, CRAIG W.	87	W	01	1.00	61.00	61.00
		W	08	1.00	61.00	61.00
		W	09	1.00	61.00	61.00
		W	19	2.00	61.00	122.00
		W	20	2.00	61.00	122.00
SMITH, CRAIG W.				7.00		427.00
TRIPP, DAVID R.	87	W	19	3.00	61.00	183.00
TRIPP, DAVID R.				3.00		183.00
ULMER, DEANNA K.	87	W	04	14.50	61.00	884.50
		W	05	1.00	61.00	61.00
ULMER, DEANNA K.				15.50		945.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
WAGONER, DAVID A.	87	W	16	1.00	61.00	61.00
		W	17	3.00	61.00	183.00
		W	19	1.00	61.00	61.00
		W	20	1.00	61.00	61.00
		W	21	2.00	61.00	122.00
WAGONER, DAVID A.				8.00		488.00
WEATHERFORD, JEFFREY G.	87	M	16	32.00	61.00	1952.00
WEATHERFORD, JEFFREY G.				32.00		1952.00
WELKER, SHELLEY M.	87	W	02	1.00	61.00	61.00
		W	04	17.00	61.00	1037.00
		W	06	1.00	61.00	61.00
WELKER, SHELLEY M.				19.00		1159.00
YUE, KENNETH T.	87	M	02	1.00	61.00	61.00
		M	14	2.00	61.00	122.00
YUE, KENNETH T.				3.00		183.00
TOTAL PER FISCAL YEAR	87			3835.50		233965.5
BAILEY, CARL ARTHUR	88	M	06	32.00	61.00	1952.00
		M	14	8.00	61.00	488.00
		M	15	2.00	61.00	122.00
BAILEY, CARL ARTHUR				42.00		2562.00
BATES, DALE I.	88	M	06	7.00	61.00	427.00
		M	10	2.00	61.00	122.00
		M	11	2.00	61.00	122.00
BATES, DALE I.				11.00		671.00
BRUNE, DOUGLAS J.	88	M	09	2.00	61.00	122.00
		M	10	1.00	61.00	61.00
		M	11	5.00	61.00	305.00
BRUNE, DOUGLAS J.				8.00		488.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BUNN, WILLIAM W.	88	M	08	7.00	61.00	427.00
		M	09	9.00	61.00	549.00
BUNN, WILLIAM W.				16.00		976.00
EASLEY, DIANE M.	88	M	06	6.00	61.00	366.00
EASLEY, DIANE M.				6.00		366.00
HESS, GEORGE K.	88	M	02	9.00	61.00	549.00
		M	03	38.00	61.00	2318.00
		M	04	50.00	61.00	3050.00
		M	05	87.00	61.00	5307.00
		M	06	49.00	61.00	2989.00
		M	07	38.00	61.00	2318.00
		M	08	25.00	61.00	1525.00
		M	09	15.00	61.00	915.00
		M	10	37.00	61.00	2257.00
		M	11	7.00	61.00	427.00
		M	12	9.00	61.00	549.00
		M	14	14.00	61.00	854.00
		M	15	6.00	61.00	366.00
		M	17	3.00	61.00	183.00
		M	20	4.00	61.00	244.00
		M	23	8.00	61.00	488.00
		M	24	14.00	61.00	854.00
HESS, GEORGE K.				413.00		25193.00
HUDSON, JODY L.	88	M	10	13.00	61.00	793.00
HUDSON, JODY L.				13.00		793.00
KINSER, STEVEN E.	88	W	01	3.00	61.00	183.00
		W	02	4.50	61.00	274.50
		W	03	17.00	61.00	1037.00
		W	04	10.50	61.00	640.50
		W	05	5.00	61.00	305.00
		W	06	16.00	61.00	976.00
		W	08	13.50	61.00	823.50
		W	09	25.00	61.00	1525.00
		W	10	14.00	61.00	854.00
		W	11	13.50	61.00	823.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	88	W	12	5.00	61.00	305.00
		W	13	5.00	61.00	305.00
		W	16	4.00	61.00	244.00
		W	17	4.50	61.00	274.50
		W	18	8.00	61.00	488.00
		W	19	2.00	61.00	122.00
		W	20	11.00	61.00	671.00
		W	21	4.50	61.00	274.50
		W	22	4.00	61.00	244.00
		W	23	15.50	61.00	945.50
		W	24	5.50	61.00	335.50
		W	26	3.00	61.00	183.00
KINSER, STEVEN E.				194.00		11834.00
LUCKET, BEULAH M.	88	M	15	40.00	61.00	2440.00
LUCKET, BEULAH M.				40.00		2440.00
MCCULLERS, RUBEN B.	88	W	01	33.00	61.00	2013.00
		W	02	67.00	61.00	4087.00
		W	03	80.00	61.00	4880.00
		W	04	76.00	61.00	4636.00
		W	05	35.00	61.00	2135.00
		W	06	54.00	61.00	3294.00
		W	07	33.00	61.00	2013.00
		W	09	27.00	61.00	1647.00
		W	11	63.00	61.00	3843.00
		W	13	39.00	61.00	2379.00
		W	14	71.00	61.00	4331.00
		W	16	54.00	61.00	3294.00
		W	18	62.00	61.00	3782.00
		W	19	69.00	61.00	4209.00
		W	20	66.00	61.00	4026.00
		W	21	47.00	61.00	2867.00
		W	22	76.00	61.00	4636.00
		W	23	103.00	61.00	6283.00
		W	24	78.00	61.00	4758.00
		W	26	105.00	61.00	6405.00
MCCULLERS, RUBEN B.				1238.00		75518.00
MORBY, ROBERT L.	88	W	02	1.00	61.00	61.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MORBY, ROBERT L.	88	W	03	1.00	61.00	61.00
		W	04	1.00	61.00	61.00
		W	07	2.00	61.00	122.00
		W	08	5.00	61.00	305.00
		W	18	1.00	61.00	61.00
MORBY, ROBERT L.				11.00		671.00
ROBERDES, SUZANNE	88	M	16	9.00	61.00	549.00
ROBERDES, SUZANNE				9.00		549.00
SAMEK, PAMELA G.	88	W	21	3.00	61.00	183.00
SAMEK, PAMELA G.				3.00		183.00
SMITH, CRAIG W.	88	W	18	1.00	61.00	61.00
SMITH, CRAIG W.				1.00		61.00
WAGONER, DAVID A.	88	W	03	1.00	61.00	61.00
		W	18	1.00	61.00	61.00
WAGONER, DAVID A.				2.00		122.00
TOTAL PER FISCAL YEAR	88			2007.00		122427.0
BLOMGREN, CARL V.	89	W	02	1.00	61.00	61.00
		W	13	2.00	61.00	122.00
		W	14	1.00	61.00	61.00
BLOMGREN, CARL V.				4.00		244.00
BRUNE, DOUGLAS J.	89	M	06	2.00	61.00	122.00
		M	07	5.00	61.00	305.00
BRUNE, DOUGLAS J.				7.00		427.00
BUNN, WILLIAM W.	89	M	09	8.00	61.00	488.00
		M	10	3.00	61.00	183.00
		M	12	2.00	61.00	122.00
		M	13	10.00	61.00	610.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
BUNN, WILLIAM W.	89	M	14	1.00	61.00	61.00
BUNN, WILLIAM W.				24.00		1464.00
DEIHL, TRUDY	89	M	13	8.00	61.00	488.00
DEIHL, TRUDY				8.00		488.00
EASLEY, DIANE M.	89	M	02	7.00	61.00	427.00
		M	09	8.00	61.00	488.00
		M	10	6.00	61.00	366.00
		M	12	4.00	61.00	244.00
		M	13	2.00	61.00	122.00
		M	14	1.00	61.00	61.00
EASLEY, DIANE M.				28.00		1708.00
GREENALL, ROBERT L.	89	M	13	2.00	61.00	122.00
GREENALL, ROBERT L.				2.00		122.00
KING, RONALD E.	89	W	18	0.50	61.00	30.50
KING, RONALD E.				0.50		30.50
KINSER, STEVEN E.	89	W	01	3.00	61.00	183.00
		W	02	2.00	61.00	122.00
		W	03	7.00	61.00	427.00
		W	04	2.00	61.00	122.00
		W	05	3.00	61.00	183.00
		W	06	13.00	61.00	793.00
		W	07	15.00	61.00	915.00
		W	08	3.00	61.00	183.00
		W	09	9.00	61.00	549.00
		W	10	1.00	61.00	61.00
		W	11	2.00	61.00	122.00
		W	12	3.00	61.00	183.00
		W	13	3.00	61.00	183.00
		W	14	5.00	61.00	305.00
		W	15	13.00	61.00	793.00
		W	16	1.00	61.00	61.00
		W	17	27.00	61.00	1647.00
		W	18	6.00	61.00	366.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	89	W	19	1.00	61.00	61.00
		W	22	1.00	61.00	61.00
		W	23	1.00	61.00	61.00
		W	24	3.00	61.00	183.00
		W	25	6.00	61.00	366.00
KINSER, STEVEN E.				130.00		7930.00
KOSAKOWSKI, MICHAEL W.	89	W	03	7.00	61.00	427.00
		W	13	2.00	61.00	122.00
KOSAKOWSKI, MICHAEL W.				9.00		549.00
MARCHIN, LAWRENCE M.	89	M	09	2.00	61.00	122.00
		M	10	2.00	61.00	122.00
		M	12	2.00	61.00	122.00
		M	14	0.50	61.00	30.50
MARCHIN, LAWRENCE M.				6.50		396.50
MCCULLERS, RUBEN B.	89	W	01	44.00	61.00	2684.00
		W	02	64.00	61.00	3904.00
		W	03	42.00	61.00	2562.00
		W	04	63.00	61.00	3843.00
		W	05	61.00	61.00	3721.00
		W	06	46.00	61.00	2806.00
		W	07	34.00	61.00	2074.00
		W	08	69.00	61.00	4209.00
		W	09	62.00	61.00	3782.00
		W	10	78.00	61.00	4758.00
		W	11	51.00	61.00	3111.00
		W	12	78.00	61.00	4758.00
		W	13	78.00	61.00	4758.00
		W	14	79.00	61.00	4819.00
		W	16	30.00	61.00	1830.00
		W	18	70.00	61.00	4270.00
		W	19	77.00	61.00	4697.00
		W	20	68.00	61.00	4148.00
		W	22	44.00	61.00	2684.00
		W	23	79.00	61.00	4819.00
		W	25	154.00	61.00	9394.00
		W	26	-75.00	61.00	-4575.00
		W	27	35.00	61.00	2135.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MCCULLERS, RUBEN B.				1331.00		81191.00
MORBY, ROBERT L.	89	W	02	1.00	61.00	61.00
		W	25	1.50	61.00	91.50
MORBY, ROBERT L.				2.50		152.50
REGER, JAMES W.	89	W	07	15.00	61.00	915.00
REGER, JAMES W.				15.00		915.00
SANDERSON, MICHAEL J.	89	W	13	1.50	61.00	91.50
		W	18	0.50	61.00	30.50
SANDERSON, MICHAEL J.				2.00		122.00
WAGONER, DAVID A.	89	W	18	2.00	61.00	122.00
WAGONER, DAVID A.				2.00		122.00
TOTAL PER FISCAL YEAR	89			1571.50		95861.50
CALOW, MARION S.	90	K	23	1.00	61.00	61.00
CALOW, MARION S.				1.00		61.00
CROSSLAND, STEFFANIE G.	90	M	17	2.00	61.00	122.00
CROSSLAND, STEFFANIE G.				2.00		122.00
HESS, GEORGE K.	90	M	17	8.00	61.00	488.00
HESS, GEORGE K.				8.00		488.00
HUNT, VIOLET M.	90	W	08	1.00	61.00	61.00
		W	13	0.50	61.00	30.50
		W	15	1.50	61.00	91.50
		W	22	2.00	61.00	122.00
HUNT, VIOLET M.				5.00		305.00
KING, RONALD E.	90	W	09	0.50	61.00	30.50

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KING, RONALD E.	90	W	10	5.50	61.00	335.50
		W	11	0.50	61.00	30.50
		W	22	2.00	61.00	122.00
		W	23	1.00	61.00	61.00
		W	25	0.20	61.00	12.20
		W	26	0.50	61.00	30.50
KING, RONALD E.				10.20		622.20
KINSER, STEVEN E.	90	W	02	26.00	61.00	1586.00
		W	03	34.00	61.00	2074.00
		W	05	1.00	61.00	61.00
		W	06	12.00	61.00	732.00
		W	07	2.00	61.00	122.00
		W	09	24.00	61.00	1464.00
		W	10	29.00	61.00	1769.00
		W	11	22.00	61.00	1342.00
		W	12	14.50	61.00	884.50
		W	13	9.50	61.00	579.50
		W	14	7.00	61.00	427.00
		W	15	7.00	61.00	427.00
		W	16	1.00	61.00	61.00
		W	21	30.50	61.00	1860.50
		W	22	32.50	61.00	1982.50
		W	23	66.00	61.00	4026.00
		W	24	23.00	61.00	1403.00
		W	25	19.00	61.00	1159.00
		W	26	26.00	61.00	1586.00
KINSER, STEVEN E.				386.00		23546.00
KROONE, JANICE J.	90	M	17	6.00	61.00	366.00
KROONE, JANICE J.				6.00		366.00
LANGEMEIER, RALPH N.	90	K	23	1.00	61.00	61.00
LANGEMEIER, RALPH N.				1.00		61.00
MCCULLERS, RUBEN B.	90	W	01	44.00	61.00	2684.00
		W	03	48.00	61.00	2928.00
		W	22	4.00	61.00	244.00
MCCULLERS, RUBEN B.				96.00		5856.00

US EPA REGION VII INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE MO
THROUGH PAY PERIOD 26 OF FISCAL YEAR 90

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
MORBY, ROBERT L.	90	W	10	2.00	61.00	122.00
		W	23	2.90	61.00	176.90
		W	25	1.00	61.00	61.00
MORBY, ROBERT L.				5.90		359.90
PETERSON, MARY P.	90	W	09	4.00	61.00	244.00
PETERSON, MARY P.				4.00		244.00
ROBERDES, SUZANNE	90	M	17	5.00	61.00	305.00
ROBERDES, SUZANNE				5.00		305.00
SHEEHY, JOSEPH E.	90	W	09	0.00	61.00	0.00
SHEEHY, JOSEPH E.				0.00		0.00
WAGONER, DAVID A.	90	W	23	2.00	61.00	122.00
WAGONER, DAVID A.				2.00		122.00
WERST, JOLLEEN G.	90	W	09	4.00	61.00	244.00
		W	23	1.50	61.00	91.50
WERST, JOLLEEN G.				5.50		335.50
TOTAL PER FISCAL YEAR	90			537.60		32793.60
				8617.60		525007.60

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
MAHONEY, EDITH M.	87-18	0.50	4.82
	88-21	63.00	623.39
	SUBTOTAL	63.50	628.21
MARCHIN, LAWRENCE M.	87-10	1.00	15.73
	87-24	1.00	15.73
	89-09	2.00	35.79
	89-10	2.00	35.80
	89-12	2.00	35.75
	89-14	0.50	8.95
	SUBTOTAL	8.50	147.75
MATHIS, YVONNE	87-04	8.00	88.33
	SUBTOTAL	8.00	88.33
MCCULLERS, RUBEN B.	86-27	8.00	150.17
	87-01	49.00	906.41
	87-02	45.00	867.98
	87-03	23.00	443.64
	87-04	17.00	324.35
	87-06	24.00	433.07
	87-07	4.00	77.13
	87-08	73.00	1413.65
	87-09	46.00	872.41
	87-10	53.00	1025.76
	87-11	36.00	665.24
	87-12	50.00	954.65
	87-13	45.00	867.16
	87-14	38.00	718.54

8D Scott

Birkie, Brook
James B Fulton
Rodger E Price

Call personnel + find out who these people are + where they work.

BROOK BIRKIE

~~[illegible]~~ Scott

George Hess PP 87-02
8 hrs holliday
was he paid?
535 reg + OT

Pull timesheet

Removal

86 FKJ8D
87 K058D
K158D
K258D
K358D
K558D

action memo

28,500 TAT FY86
91K ERCS + 87

left on

BD

Rerun on CDMS
Report HP through 87
Delete as noted

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

NATIONAL LAB CONTRACT (CLP)

CONTRACTOR: ENSECO/ROCKY MOUNTAIN ANALY. (RMAL)

CONTRACT NUMBER: 68-01-7083

PROJECT OFFICER:

SUMMARY OF SERVICE:

SAMPLE MANAGEMENT COSTS: $ 0.00

ANALYTICAL SERVICES COSTS: $ 5896.26

TOTAL CONTRACTOR COST: $ 5896.26

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
10799	/ /	0.00	R8547	10/20/87	3060.90
10800	/ /	0.00	R8569	12/14/87	2835.36

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

EMERGENCY REMOVAL CLEANUP (ERC) CONTRACT

CONTRACTOR: ENVIRONMENTAL EMERGENCY SERVICES, CO.

CONTRACT NO: 68-01-6860

DELIVERY ORDER NUMBER:

DATES OF SERVICE: FROM: / / TO: / /

PROJECT OFFICER:

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 42850.91

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
1	/ /	0.00	07010	11/05/86	4800.50
2	/ /	0.00	07018	12/08/86	6699.50
2	/ /	0.00	07018	12/08/86	11857.18
3	/ /	0.00	07024	01/05/87	1317.08
4	/ /	0.00	07030	01/30/87	5341.26
5	/ /	0.00	08536	08/10/87	12835.39

OK

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

EMERGENCY RESPONSE UNIT (ERU) CONTRACT

CONTRACTOR: ROY F. WESTON

CONTRACT NO: 68-03-3482

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 5662.10

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
3	12/07/87	504244.37	R8588	01/22/88	2811.32
4	01/11/88	546772.10	R8602	02/19/88	2850.78

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

NATIONAL ENFORCEMENT INVESTIGATION CENTER (NEIC)

CONTRACTOR: TECHLAW-CONTRACT EVIDENCE AUDIT TEAM

CONTRACT NO: 68-01-7369

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 74484.14

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
3	04/10/87	225889.11	R8513	05/28/87	272.57
3	04/10/87	225889.11	R8513	06/09/87	272.57
3	04/10/87	225889.11	R8513	06/09/87	-272.57
4	05/07/87	188525.32	R8522	07/15/87	2017.47
5	06/15/87	220624.75	R8526	07/20/87	3335.48
6	07/14/87	191058.19	R8532	08/27/87	7274.14
7	08/12/87	324918.53	R8541	10/27/87	15761.79
8	09/10/87	307440.76	R8549	10/22/87	6876.31
9	10/08/87	369146.42	R8557	11/16/87	8319.54
10	11/20/87	275935.02	R8577	01/04/88	7449.75
11	12/18/87	497688.00	R8593	02/09/88	5456.01
12	01/12/88	267204.43	R8600	02/18/88	806.84
13	01/14/88	131173.20	R8601	02/18/88	497.23
14	02/25/88	476195.78	R8623	04/08/88	4135.89
15	03/18/88	243565.96	R8635	04/30/88	3431.49
16	04/22/88	377907.24	R8658	06/17/88	2648.19
17	05/20/88	196566.62	R8661	06/20/88	1049.56
18	06/17/88	225382.37	R8680	08/08/88	1813.59
19	07/20/88	326326.76	R8694	08/25/88	3338.29

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

OVERFLIGHT (OVR) CONTRACT

CONTRACTOR: EMS - LOCKHEED

PROJECT OFFICER:

SUMMARY OF SERVICE: Aerial photography and analysis support

TOTAL CONTRACTOR COST: $ 3000.00

DOCUMENTATION: Contractor Letter Report Dated / /

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

REMEDIAL (REM) CONTRACT

CONTRACTOR: CH2M HILL

CONTRACT NO: 68-01-7251

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 292301.82

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	07548	04/07/87	10448.46
9B	/ /	0.00	07083	08/11/86	128.17
10B	/ /	0.00	07090	09/08/86	4230.27
11B	/ /	0.00	07003	10/15/86	7061.02
12B	/ /	0.00	07013	11/17/86	10160.55
13B	/ /	0.00	07019	12/09/86	14754.19
14C	/ /	0.00	07026	01/14/87	9351.76
16B	/ /	0.00	07033	02/11/87	11048.91
17	02/10/87	2300441.92	07548	03/27/87	3265.13
18	03/09/87	2914754.52	08502	04/07/87	15217.19
19	03/09/87	204740.75	08502	04/08/87	1402.00
20	04/10/87	3157193.42	08511	05/13/87	15231.81
21	05/08/87	3743011.94	08517	06/10/87	13011.85
22	06/10/87	3604274.36	08524	07/08/87	10859.87
23	07/10/87	3916938.78	08533	08/11/87	21521.49
24	08/11/87	3973166.14	08539	09/02/87	36384.29
25	09/11/87	3813161.03	08549	10/14/87	14579.70
26	09/11/87	309005.00	08550	10/19/87	1978.00
27	10/09/87	4420778.96	08558	11/10/87	7871.92
28	11/10/87	4961189.39	08574	12/14/87	5372.02
30	12/10/87	4932986.45	08585	01/11/88	4216.97
31	01/12/88	4774856.82	08598	02/08/88	5239.95
32	02/10/88	4237822.56	08615	03/14/88	4268.24
33	02/10/88	415678.00	08615	03/14/88	2296.00
34	/ /	0.00	08629	04/12/88	13922.82
35	04/11/88	5469256.36	08642	05/10/88	8941.08

REMEDIAL (REM) CONTRACT — CH2M HILL
— (68-01-7251)

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
36	05/10/88	5469374.61	08655	06/07/88	7177.84
37	06/10/88	5024707.12	08670	07/07/88	8929.58
38	06/10/88	1004320.00	08671	07/11/88	3179.00
39	07/11/88	3856836.66	08685	07/21/88	11165.25
40	07/11/88	80927.24	08685	07/28/88	2.87
41	08/10/88	4585842.13	08705	09/09/88	9083.62

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ROY F. WESTON

CONTRACT NO: 68-01-6669

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 2334.50

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
66	10/31/86	1357794.29	R7018	12/10/86	1680.04
67	11/26/86	1220366.52	R7340	01/06/87	168.57
68	01/05/87	1476500.71	R7030	02/03/87	280.02
69	01/30/87	1149077.29	R7037	03/05/87	200.87
70	03/02/87	514524.90	R8505	06/10/87	5.00

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ECOLOGY AND ENVIRONMENT

CONTRACT NO: 68-01-7368

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 58115.67

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	R8576	04/23/88	828.73
	/ /	0.00	R8576	04/23/88	-13.27
	/ /	0.00	81662	06/03/88	-48.41
7	06/01/87	827761.31	R8522	07/14/87	913.57
12	07/16/87	104190.37	R8533	08/25/87	182.90
14	08/14/87	71271.73	R8544	09/28/87	3.37
21	11/16/87	984698.60	R8576	12/23/87	13.27
23	11/28/87	923271.27	R8588	01/25/88	8093.54
25	01/11/88	716971.88	R8599	02/16/88	40199.52
27	02/12/88	1129294.26	R8617	03/22/88	583.52
31	03/14/88	874815.48	R8635	04/30/88	5549.28
33	04/08/88	868400.12	R651A	06/04/88	1828.43
33	04/08/88	868400.12	R651A	06/04/88	-873.80
37	05/06/88	949740.15	R8662	06/23/88	585.76
39	06/10/88	899180.68	R8671	07/13/88	269.26

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: 0U9800NBLX

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 35.16

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	P8410	04/22/88	35.16

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: 7K0360NNSA

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 330.90

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	MS762	04/16/87	330.90

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: 7K0368NASA

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 974.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	MS778	06/09/87	974.00

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: 7K0460NASA

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 2820.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	MS771	05/18/87	2820.00

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: 7K0536NASA

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 569.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	MS788	07/10/87	569.00

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: 7K0564NBSX

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 2750.61

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	MS844	01/05/87	622.61
	/ /	0.00	MB166	04/22/88	304.00
	/ /	0.00	MB202	05/31/88	304.00
	/ /	0.00	MB263	07/08/88	608.00
	/ /	0.00	MB313	08/23/88	304.00
	/ /	0.00	MS795	07/29/87	304.00
	/ /	0.00	MS825	11/20/87	304.00

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: 8K0564NBSX

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 304.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	MS874	02/26/88	304.00

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: 8K0949NNSA

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 148.20

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	M8319	08/24/88	148.20

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: JN880095

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 108.85

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	MB248	06/25/88	108.85

COST SUMMARY DATE: 10/30/89
MARIHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: JU880101

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 174.19

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	MB279	07/28/88	174.19

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

UNIDENTIFIED (UNI) CONTRACT

CONTRACTOR:

CONTRACT NO: T263202

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 3.93

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	AS828	11/24/87	3.93

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — HEADQUARTERS

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
BOONE, NELLIE E.	87-17	5.00	70.74
	87-18	4.00	56.63
	SUBTOTAL	9.00	127.37
CAMPAGNA, PHILIP R.	88-01	6.00	115.00
	88-03	94.00	2317.48
	88-04	1.00	24.12
	SUBTOTAL	101.00	2456.60
LEMRO, MARLENE LOUISE	87-11	0.50	9.58
	89-10	0.50	10.47
	SUBTOTAL	1.00	20.05
PRITCHETT, THOMAS H.	88-02	1.00	24.64
	SUBTOTAL	1.00	24.64
THODE, ANNA CATHERINE	86-23	20.00	350.84
	86-24	1.80	30.64
	86-26	9.00	157.87
	86-27	2.00	35.09
	87-01	2.00	35.14
	87-02	14.50	254.43
	87-03	2.50	43.93
	87-04	1.00	17.54
	87-05	0.50	8.76
	87-06	4.50	79.02
	87-11	3.50	68.33

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — HEADQUARTERS

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
THODE, ANNA CATHERINE (Continued)			
	87-19	1.00	21.44
	87-23	3.00	62.39
	87-24	1.00	20.80
	SUBTOTAL	66.30	1186.22
TOTAL EPA HEADQUARTERS PAYROLL:		178.30	3814.88

ND

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
ANDERSON, JOHN C.	87-11	1.00	19.41
	87-24	3.00	58.24
	SUBTOTAL	4.00	77.65
BAILEY, CARL ARTHUR	88-06	32.00	693.51
	88-14	8.00	178.46
	88-15	2.00	44.62
	SUBTOTAL	42.00	916.59
BATES, DALE I.	87-22	4.00	88.83
	87-24	2.00	44.41
	88-06	7.00	155.46
	88-10	2.00	45.74
	88-11	2.00	45.74
	SUBTOTAL	17.00	380.18
BENNETT, HELEN G.	86-24	4.00	32.83
	SUBTOTAL	4.00	32.83
BIRKIE, BROOKE K.	87-19	3.50	33.04
	87-20	0.50	4.71
	87-22	1.50	14.19
	SUBTOTAL	5.50	51.94
BLOMGREN, CARL V.	87-20	1.00	34.24

No Fin Mgr

No LAB

No LAB

No LAB

?

No SPFD

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)		
BLOMGREN, CARL V. (Continued)					
	87-26	1.00	33.78		
No SPFD	89-02	1.00	34.33		
	89-13	2.00	71.17		
	SUBTOTAL	5.00	173.52		
BOLDING, NORMA J.	89-21	20.70	281.54		
No GNSL	SUBTOTAL	20.70	281.54		
BRODIE, SHELLEY M.	87-02	1.00	10.26		
	87-04	17.00	174.47		
NO SPFD	87-06	1.00	12.60		
	SUBTOTAL	19.00	197.33		
BROWN, HAROLD G.	X→87-01	7.00	174.11	7.00	174.11
	87-15	4.00	104.21		
	87-20	21.00	547.07		
YES LAB	87-21	3.00	78.16		
	SUBTOTAL	35.00	903.55		
BRUNE, DOUGLAS J.	88-09	2.00	23.62		
	88-10	1.00	11.82		
	88-11	5.00	59.07		
NO LAB	89-06	2.00	30.19		
	89-07	5.00	75.50		
	SUBTOTAL	15.00	200.20		
BUNN, WILLIAM W.	X 86-25	3.00	62.45	3.00	62.45
YES LAB					
				10.00	$236.56

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
BUNN, WILLIAM W. (Continued)			
	X-86-26	4.00	83.27
	X-87-01	8.00	166.54
	X-87-02	7.00	145.72
	X-87-06	2.00	42.94
	X-87-07	3.00	64.41
	87-19	1.00	21.81
	88-08	7.00	161.18
	88-09	9.00	207.24
	89-09	8.00	195.19
	89-10	3.00	73.20
	89-12	2.00	48.80
	89-13	10.00	243.99
	89-14	1.00	24.40
	SUBTOTAL	68.00	1541.14
CASTOR, MALCOLM O.	86-23	8.00	144.89
	86-24	3.00	55.51
	SUBTOTAL	11.00	200.40
CLARK, MARY L.	88-01	2.00	30.19
	SUBTOTAL	2.00	30.19
CRANK, JEAN A.	86-20	1.00	12.35
	86-23	5.00	61.75
	87-02	5.50	72.39
	87-10	1.00	12.78
	87-12	0.50	6.44
	87-21	1.00	12.80
	87-25	3.00	38.44

LAB

YES

→ 24.

502.88

?

NO

No

CNSL

24 502.88

COST SUMMARY DATE: 10/30/89
MARIHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
CRANK, JEAN A. (Continued)			
CNSL	88-02	1.00	12.78
	88-07	2.00	25.55
	88-13	1.70	26.23
	88-15	1.00	13.12
	SUBTOTAL	22.70	294.63
CROSSLAND, ROY J.	87-10	8.00	99.67
	X 87-12	4.00	49.82 → 4.00 49.82
YES LAB	87-16	8.00	99.67
	SUBTOTAL	20.00	249.16
DEIHL, TRUDY G.	89-13	8.00	152.14
LAB	SUBTOTAL	8.00	152.14
EASLEY, DIANE M.	87-16	16.00	309.87
	87-21	4.00	77.47
	87-24	3.00	58.11
LAB	88-06	6.00	116.20
	89-02	7.00	139.71
NO	89-09	8.00	172.89
	89-10	6.00	129.66
	89-12	4.00	86.44
	89-13	2.00	43.22
	89-14	1.00	21.60
	SUBTOTAL	57.00	1155.17
EVANS, BARRY W.	86-17	6.00	43.68
LAB			4.0 $49.82

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
EVANS, BARRY W. (Continued)			
	Partial X- 87-08	[2.00] ~~4.00~~	16.93 ~~33.86~~
	X- 87-14	8.00	65.02
	X- 87-15	15.00	121.91
	SUBTOTAL	33.00	264.47
FARNAN, MEREDITH A.	87-09	29.50	362.03
	87-16	10.80	144.69
	87-17	11.00	152.21
	87-18	23.00	338.80
	87-19	4.00	58.08
	87-20	15.00	217.79
	87-22	17.50	254.11
	87-25	4.00	45.08
	88-03	17.00	250.42
	88-04	5.20	76.23
	89-15	23.00	298.85
	89-21	2.00	31.18
	SUBTOTAL	162.00	2229.47
FRANCE-ISEITS, PAULETTA	86-23	9.50	171.58
	SUBTOTAL	9.50	171.58
FULTON, JAMES B.	86-23	14.00	99.60
	87-03	4.00	28.13
	SUBTOTAL	18.00	127.73
GREATHOUSE, PHILLIP	87-19	30.00	232.31

YES LAB

25 $203.86

NO CNSL

NO SPFD

?

NO LAB

25 $203.86

COST SUMMARY DATE: 10/30/89
MARIHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)	
GREATHOUSE, PHILLIP (Continued)				
NO LAB	87-22	2.00	15.49	
	87-23	6.00	52.08	
	SUBTOTAL	38.00	299.88	
GREEN, FLORENCE	87-04	6.00	84.20	
NO SPFD	87-05	1.00	10.65	
	SUBTOTAL	7.00	94.85	
GREENALL, ROBERT L.	89-13	2.00	44.41	
NO LAB	SUBTOTAL	2.00	44.41	
HAAS, BERNARD, JR.	X 86-25	2.00	29.95	2.00 29.95
YES LAB	SUBTOTAL	2.00	29.95	
HESS, GEORGE K.	86-17	40.00	603.54	
YES LAB	86-18	25.00	389.24	
	86-18	9.00	140.12	
	86-20	6.00	93.42	
	86-21	4.00	62.26	
	86-23	8.00	144.15	
	86-24	58.00	1044.24	
	86-25	67.00	1204.84	
	86-26	52.00	933.76	
	86-27	15.00	272.14	
	X-87-01	79.50	1425.50	
missed 5:00 on holiday →	X-87-02	53.50	967.24	167.00
	X-87-03	34.00	613.68	
				169.00 $3006.42

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
HESS, GEORGE K. (Continued)			
LAD	X- 87-04	48.00	861.93
	X- 87-05	50.00	897.88
	X- 87-06	48.00	861.93
	X- 87-07	14.00	253.52
	X- 87-08	12.00	239.58
	X- 87-09	12.00	240.94
	X- 87-10	17.00	339.43
	X- 87-11	35.00	698.84
YSS	X- 87-12	20.00	399.34
	X- 87-13	24.00	479.20
	X- 87-14	30.00	591.91
	X- 87-15	8.00	171.11
	X- 87-16	18.00	384.16
	X- 87-19	6.00	128.43
	X- 87-20	24.00	509.16
	X- 87-22	3.00	70.58
	X- 87-23	33.00	776.46
	X- 87-24	11.00	258.83
	X- 87-25	12.00	283.79
	88-02	9.00	208.07
	88-03	38.00	878.45
	88-04	50.00	1126.24
	88-05	87.00	1944.12
	88-06	49.00	1132.75
	88-07	38.00	883.35
	88-08	25.00	594.39
	88-09	15.00	358.63
	88-10	37.00	884.61
	88-11	7.00	168.31
	88-12	9.00	215.18
	88-14	14.00	334.73
	88-15	6.00	143.46
	88-17	3.00	71.72
	88-20	4.00	95.64
	88-23	8.00	198.10

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COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
HESS, GEORGE K. (Continued)			
	88-24	14.00	344.04
NO LAB	SUBTOTAL	1289.00	25922.94
HUDSON, JODY L.	87-25	13.00	228.37
	88-10	13.00	239.96
NO LAB	SUBTOTAL	26.00	468.33
JACKSON, BERLA C.	86-17	16.00	166.35
	86-23	15.00	160.92
	X→86-25	2.00	26.50
	X→86-26	3.00	32.32
LAB	X 87-01	3.00	32.33
	87-02	3.00	32.17
	87-03	5.00	53.64
	X- 87-04	4.00	42.92
	X- 87-09	8.00	112.04
	X-87-10	6.00	84.04
	X-87-14	13.00	182.06
Partial —	X-87-15	[3.00] 22.00	317.57 (14.435)
	87-16	5.00	72.17
	87-17	8.00	115.48
	87-19	44.00	654.68
	87-21	8.00	114.45
	87-23	8.00	115.37
	SUBTOTAL	173.00	2315.01
JUSTIS, PATRICIA K.	87-04	5.00	53.95
	87-05	4.80	51.25
NO GPTD	87-16	1.00	12.33

42 555.52

42 555.52

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
JUSTIS, PATRICIA K. (Continued)			
NO SPFD	SUBTOTAL	10.80	117.53
KERSBERGEN, DONNA G.	88-01	0.20	3.16
	89-09	3.50	65.10
No Fin Mgn	SUBTOTAL	3.70	68.26
KING, RONALD E.	89-18	0.50	12.38
No SPFD	SUBTOTAL	0.50	12.38
KINSER, STEVEN E.	86-16	6.00	122.34
	86-17	10.00	195.30
No SPFD	86-18	20.00	392.67
	86-18	3.00	61.26
	86-19	4.00	78.53
	86-20	8.00	163.32
	86-21	11.00	221.52
	86-22	29.00	570.03
	86-24	25.00	494.71
	86-25	14.00	285.80
	86-26	19.00	387.64
	86-27	5.00	98.85
	87-01	16.50	333.37
	87-02	33.00	689.39
	87-03	11.00	230.21
	87-04	10.50	219.75
	87-05	4.50	94.16
	87-06	52.50	1052.86
	87-07	18.00	362.42
	87-08	42.50	869.93

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EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
KINSER, STEVEN E. (Continued)			
	87-09	36.00	742.72
	87-10	33.00	672.43
	87-11	39.50	818.29
	87-12	49.50	1017.59
	87-13	21.50	439.22
	87-14	34.50	713.44
	87-15	32.50	660.17
	87-16	51.50	1056.90
	87-17	43.00	889.08
	87-18	26.50	538.13
	87-19	35.50	721.77
	87-20	36.50	751.09
	87-21	47.50	978.94
	87-23	28.50	598.98
	87-24	11.50	241.62
	87-25	8.50	184.55
	87-26	3.50	75.86
	88-01	3.00	64.99
	88-02	4.50	97.68
	88-03	17.00	364.80
	88-04	10.50	223.79
	88-05	5.00	107.50
	88-06	16.00	354.40
	88-08	13.50	305.86
	88-09	25.00	530.46
	88-10	14.00	316.94
	88-11	13.50	305.72
	88-12	5.00	113.25
	88-13	5.00	113.24
	88-16	4.00	90.54
	88-17	4.50	101.95
	88-18	8.00	176.76
	88-19	2.00	45.28
	88-20	11.00	240.49
	88-21	4.50	101.89

SPFD

No

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EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
KINSER, STEVEN E. (Continued)			
	88-22	4.00	90.55
	88-23	15.50	342.09
No SPFD	88-24	5.50	120.21
	88-26	3.00	67.83
	89-01	3.00	63.66
	89-02	2.00	45.26
	89-03	7.00	137.26
	89-04	2.00	45.25
	89-05	3.00	64.76
	89-06	13.00	301.44
	89-07	15.00	347.80
	89-08	3.00	70.39
	89-09	9.00	219.39
	89-10	1.00	24.37
	89-11	2.00	48.76
	89-12	3.00	73.13
	89-13	3.00	73.13
	89-14	5.00	121.88
	89-15	13.00	316.90
	89-16	1.00	24.37
	89-17	27.00	658.15
	89-18	6.00	146.26
	89-19	1.00	24.37
	89-22	1.00	24.37
	89-24	3.00	73.13
	89-25	6.00	146.26
	SUBTOTAL	1204.50	25351.35
KLEOPFER, ROBERT D.	87-22	4.00	112.33
NO LAB	SUBTOTAL	4.00	112.33
KOSAKOWSKI, MICHAEL W.	89-03	7.00	235.79
NO SPFD			

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
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Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
KOSAKOWSKI, MICHAEL W. (Continued)			
NO SPFD	89-13	2.00	72.19
	SUBTOTAL	9.00	307.98
LEWIS, BONITA D.	87-02	2.00	18.95
	87-03	2.00	18.94
	87-07	2.00	18.94
NO. CNSL	87-08	3.00	29.25
	87-09	6.00	58.52
	87-10	2.00	19.51
	87-11	3.00	29.25
	87-12	4.00	39.01
	87-13	2.00	19.51
	87-14	12.00	140.46
	87-15	3.50	34.19
	87-16	3.50	34.18
	87-17	1.00	9.75
	87-18	2.50	24.42
	87-19	4.00	39.01
	87-20	1.00	9.75
	87-21	2.00	19.51
	87-22	1.00	9.75
	SUBTOTAL	56.50	572.90
LUCKET, BEULAH M.	86-17	4.00	32.81
	86-23	8.00	65.59
	87-03	12.00	98.39
YES LAB Partial X	87-15 [8.00]	20.00	170.83
	87-19	16.00	136.65
	87-23	16.00	136.65
	88-15	40.00	357.99
	SUBTOTAL	116.00	998.91

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COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
NO MAHONEY, EDITH M. CNSL	87-18	0.50	4.82
	88-21	63.00	623.39
	SUBTOTAL	63.50	628.21
MARCHIN, LAWRENCE M. LAB	X 87-10	1.00	15.73
	87-24	1.00	15.73
	89-09	2.00	35.79
	89-10	2.00	35.80
	89-12	2.00	35.75
	89-14	0.50	8.95
	SUBTOTAL	8.50	147.75
MATHIS, YVONNE NO SPFO	87-04	8.00	88.33
	SUBTOTAL	8.00	88.33
MCCULLERS, RUBEN B. TSCA RCRA SPFO	86-27	8.00	150.17
	87-01	49.00	906.41
	87-02	45.00	867.98
	87-03	23.00	443.64
	87-04	17.00	324.35
	87-06	24.00	433.07
	87-07	4.00	77.13
	87-08	73.00	1413.65
	87-09	46.00	872.41
	87-10	53.00	1025.76
	87-11	36.00	665.24
	87-12	50.00	954.65
	87-13	45.00	867.16
	87-14	38.00	718.54

1.00 15.73

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1.00 15.73

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
MCCULLERS, RUBEN B. (Continued)			
TSCA/SPFD/ECPA	87-15	60.00	1163.53
	87-16	43.00	833.82
	87-17	32.00	621.76
	87-18	98.00	1897.30
	87-19	96.50	1890.53
	87-20	53.00	1058.72
	87-21	97.00	1890.16
	87-22	59.00	1179.92
	87-23	98.00	1524.29
	87-24	82.00	1596.03
	87-25	140.00	2755.32
	87-26	89.00	1741.04
	88-01	33.00	639.39
	88-02	67.00	1294.28
	88-03	80.00	1568.10
	88-04	76.00	1485.21
	88-05	35.00	692.88
	88-06	54.00	1064.86
	88-07	33.00	659.20
	88-09	27.00	556.34
	88-11	63.00	1301.85
	88-13	39.00	802.58
	88-14	71.00	1438.73
	88-16	54.00	1111.28
	88-18	62.00	1311.59
	88-19	69.00	1459.68
	88-20	66.00	1396.23
	88-21	47.00	994.28
	88-22	76.00	1607.79
	88-23	103.00	2107.17
	88-24	78.00	1652.66
	88-26	105.00	2141.81
	89-01	44.00	930.82
	89-02	64.00	1353.91
	89-03	42.00	888.49

No

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COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
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Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
MCCULLERS, RUBEN B. (Continued)			
	89-04	63.00	1332.77
	89-05	61.00	1290.43
	89-06	46.00	973.12
TSCA/SPFD/RCRA	89-07	34.00	719.25
	89-08	69.00	1535.71
NO	89-09	62.00	1379.89
	89-10	78.00	1735.91
	89-11	51.00	1135.06
	89-12	78.00	1736.00
	89-13	78.00	1736.01
	89-16	30.00	667.68
	89-24	75.00	1669.23
	89-25	77.00	1713.74
	89-26	75.00	1669.23
	89-27	35.00	778.98
	SUBTOTAL	3758.50	76404.72
MCCUTCHEON, RONALD D	86-19	3.00	79.99
NO	86-21	3.00	51.81
LAB	SUBTOTAL	6.00	131.80
MCKENZIE, LINDA K.	86-18	1.00	9.08
	86-19	19.00	177.83
	87-18	26.00	308.88
NO CNSL	87-19	30.00	356.40
	87-20	23.50	279.17
	87-21	1.80	20.79
	87-22	24.50	291.06
	87-23	8.00	95.04
	87-24	34.00	418.98
	88-03	20.00	237.60

COST SUMMARY DATE: 10/30/89
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Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
MCKENZIE, LINDA K. (Continued)			
NO CWSL	88-04	20.50	243.54
	88-05	20.00	237.60
	88-06	10.20	117.18
	88-07	7.00	83.16
	88-23	1.00	10.29
	88-24	11.50	143.87
	SUBTOTAL	258.00	3030.47
MICINSKI, CHERYLE L.	88-23	10.00	252.29
NO CWSL	88-24	1.50	37.82
	89-12	0.50	13.59
	89-13	0.50	13.58
	89-15	0.50	13.52
	89-21	0.50	13.66
	SUBTOTAL	13.50	344.46
MILLER, CAROL A.	86-26	3.00	27.36
NO CWSL	86-27	5.00	45.59
	87-01	7.00	63.83
	87-02	5.00	45.59
	87-03	2.00	18.24
	87-04	14.00	127.66
	87-05	29.00	321.60
	87-06	18.00	179.41
	87-07	7.00	69.77
	87-08	5.50	56.43
	87-09	5.50	56.49
	87-10	19.00	195.01
	87-11	21.00	215.54
	87-12	5.00	51.32
	87-13	9.00	92.37

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EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
MILLER, CAROL A. (Continued)			
	87-14	9.00	92.37
	87-15	3.00	30.78
	87-16	10.00	102.63
	87-17	1.00	10.26
	87-19	1.00	10.26
	87-20	1.00	10.26
	87-21	14.00	143.69
	87-23	2.00	20.53
	87-25	5.00	51.32
	87-26	4.00	46.30
	88-01	1.00	10.31
	88-02	4.00	41.04
	88-03	1.00	10.26
	88-04	3.00	30.78
	88-07	1.00	10.29
	88-10	5.00	52.52
	88-12	4.00	42.27
	88-13	2.00	21.26
	88-15	6.00	76.13
	88-16	6.00	63.01
	88-17	35.00	367.61
	88-18	3.00	31.51
	88-19	8.00	85.10
	88-20	12.00	126.02
	88-21	1.00	10.51
	88-22	5.00	52.52
	88-23	2.00	21.00
	88-24	2.00	21.00
	89-03	13.00	153.18
	89-08	5.00	56.29
	89-09	7.00	78.80
	89-11	3.00	33.78
	89-13	5.00	56.29
	89-14	1.00	11.27
	89-15	3.00	33.76

NO CNSL

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COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
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Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
MILLER, CAROL A. (Continued)			
No CNSL	SUBTOTAL	343.00	3581.12
MORBY, ROBERT L.	86-14	1.00	29.18
	86-16	4.00	116.75
	86-17	1.00	29.18
No SPFP	86-18	3.50	102.26
	86-20	0.50	14.71
	86-22	2.00	58.37
	86-25	5.00	145.89
	86-26	0.50	14.69
	87-01	2.00	57.66
	87-12	1.00	30.96
	87-17	4.00	123.81
	87-18	3.00	92.84
	87-19	5.00	154.78
	87-20	15.00	464.33
	87-21	2.00	61.91
	87-22	2.00	61.91
	87-23	6.00	185.73
	87-25	9.00	278.60
	87-26	12.00	370.15
	88-02	1.00	30.56
	88-03	1.00	30.56
	88-04	1.00	31.32
	88-07	2.00	63.45
	88-08	5.00	162.89
	88-18	1.00	32.58
	89-02	1.00	32.14
	89-25	1.50	54.18
	SUBTOTAL	92.00	2831.39
MOREY, DEBRA A. LAB	X→ 87-01	2.00	36.43

2.00 36.43

2.0 36.43

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
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Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

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EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
MOREY, DEBRA A. (Continued)			
LAB	SUBTOTAL	2.00	36.43
MORRISON, BRUCE A.	87-17	4.00	71.33
NO LAB	SUBTOTAL	4.00	71.33
PEARL, KAREN S.	86-17	11.00	103.51
	86-18	2.00	18.82
NO CNSL	86-20	3.00	28.23
	86-21	1.00	9.41
	86-23	10.00	94.51
	86-24	8.00	75.26
	86-25	11.00	106.47
	86-26	1.00	9.67
	87-08	35.50	360.23
	87-09	3.00	30.44
	87-10	12.00	121.78
	87-11	12.00	121.78
	87-12	14.00	142.08
	87-13	16.00	162.37
	87-14	20.00	202.97
	87-15	40.00	405.90
	87-16	37.00	375.47
	87-17	42.00	426.21
	87-18	18.00	182.67
	87-19	10.00	101.46
	87-20	27.00	274.00
	87-21	9.00	91.34
	87-24	14.00	142.06
	87-25	5.00	50.74
	87-27	4.00	40.34
	88-01	4.00	40.65

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EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
PEARL, KAREN S. (Continued)			
	88-03	9.00	91.34
	88-04	7.50	76.15
	88-05	9.50	96.45
	88-07	3.00	30.44
	88-08	9.00	95.12
	88-09	4.00	42.29
	88-10	3.00	31.70
	88-14	5.50	58.18
	88-15	2.00	21.16
	88-16	1.00	10.56
	88-17	1.50	15.90
	88-19	2.00	21.12
	88-21	25.00	264.24
	88-22	41.50	438.68
	88-23	4.50	47.71
	88-24	10.00	105.70
	89-03	19.40	222.91
	89-04	6.00	65.18
	89-05	1.00	10.85
	89-08	4.00	45.68
	89-09	22.00	251.25
	89-10	1.00	11.40
	89-11	6.50	74.26
	89-12	11.00	125.69
	89-13	6.00	68.53
	89-14	1.00	11.43
	89-15	1.00	11.40
	89-16	5.00	57.09
	89-18	1.00	11.43
	SUBTOTAL	592.40	6132.21
PEMBERTON, JAMES SCOTT	86-14	6.00	127.14
	86-15	0.80	15.88

NO CNSL

NO CNSL

EPA PAYROLL — REGIONAL

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EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
PEMBERTON, JAMES SCOTT (Continued)			
NO CNSL	86-16	14.20	300.98
	86-17	38.20	807.97
	86-18	21.20	448.86
	86-18	7.50	158.52
	86-19	51.80	1093.24
	86-20	13.00	274.61
	86-21	23.00	537.50
	86-22	19.80	461.60
	86-23	46.00	1074.99
	86-24	34.80	756.72
	86-25	41.50	903.76
	86-26	41.80	909.16
	86-27	15.20	332.06
	87-01	46.20	1007.14
	87-02	45.80	996.26
	87-03	35.20	767.53
	87-04	47.20	1028.84
	87-05	64.20	1399.01
	87-06	56.50	1224.16
	87-07	28.80	626.07
	87-08	35.50	797.75
	87-09	33.00	741.59
	87-10	33.20	747.16
	87-11	45.00	1011.25
	87-12	43.20	970.79
	87-13	33.80	758.49
	87-14	40.50	910.23
	87-15	39.80	893.33
	87-16	48.00	1078.68
	87-17	38.50	865.16
	87-18	49.20	1106.72
	87-19	45.80	1028.16
	87-20	48.00	1078.68
	87-21	49.00	1101.14
	87-22	40.00	898.90

COST SUMMARY DATE: 10/30/89
MARIHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
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Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

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EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
PEMBERTON, JAMES SCOTT (Continued)			
	87-23	18.20	410.07
	87-24	84.00	1829.93
	87-25	22.80	511.29
	87-27	7.60	168.56
	88-01	9.00	202.23
	88-02	7.50	168.63
	88-03	27.80	623.65
	88-04	28.20	634.80
	88-05	21.50	483.13
	88-07	18.00	404.51
	88-09	9.80	229.63
	88-10	12.80	300.28
	88-11	2.50	58.97
	88-12	6.20	147.13
	88-13	12.50	294.43
	88-14	19.50	459.27
	88-15	7.70	182.55
	88-16	47.20	1112.58
	88-17	37.00	871.26
	88-18	9.00	211.94
	88-19	13.50	317.99
	88-20	14.50	341.43
	88-21	16.50	388.62
	88-22	26.20	618.07
	88-23	24.50	618.20
	88-24	18.00	454.12
	88-26	4.00	104.34
	89-01	2.50	60.56
	89-02	1.50	36.45
	89-03	1.70	42.45
	89-04	1.50	36.45
	89-05	0.70	16.94
	89-06	12.00	289.22
	89-07	19.00	460.37
	89-08	47.20	1202.95

No CNSL

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COST SUMMARY DATE: 10/30/89
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Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

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EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
PEMBERTON, JAMES SCOTT (Continued)			
	89-09	39.70	1010.76
	89-10	26.70	679.65
	89-11	10.00	254.59
	89-12	6.50	165.49
	89-14	18.20	464.66
	89-15	7.70	195.90
	89-16	5.00	127.28
	89-17	8.50	216.42
	89-18	4.50	114.58
	89-20	2.50	63.66
	89-21	0.70	19.10
	89-23	2.00	50.93
	89-25	0.20	6.37
	SUBTOTAL	2065.50	46902.42
PENNINGTON, PATRICIA W.	87-25	8.00	107.68
	88-23	0.50	5.98
	SUBTOTAL	8.50	113.66
PRICE, ROGER E.	87-23	5.00	69.75
	SUBTOTAL	5.00	69.75
REGER, JAMES W.	89-07	15.00	313.40
	SUBTOTAL	15.00	313.40
REID, DIANA G.	87-08	7.20	73.40
	87-09	34.00	346.74

NO CNSL

NO PUBAFF

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NO LAB

NO CNSL

EPA PAYROLL — REGIONAL

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EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
REID, DIANA G. (Continued)			
CNSL	87-10	36.00	367.13
	87-14	18.00	183.57
	87-15	44.50	488.44
	87-16	31.20	318.67
	87-17	72.40	777.86
	87-18	97.00	1106.53
	87-19	102.00	1129.88
	87-20	82.50	895.99
	87-21	73.80	799.45
	87-22	78.00	819.78
	87-23	79.80	880.85
	87-24	145.00	1557.58
	87-25	45.00	458.92
	87-27	16.00	163.16
	88-01	45.00	458.90
	88-02	71.00	740.24
	88-03	32.00	326.34
	88-04	80.20	901.75
	88-05	62.50	671.47
	88-07	45.00	458.92
	88-08	4.00	42.97
	88-09	90.00	1123.31
	88-10	61.00	728.15
	88-11	78.00	979.52
	88-12	92.00	1155.44
	88-13	72.00	859.45
	88-14	73.00	871.39
	88-16	66.00	787.83
	88-17	61.00	728.14
	88-18	34.00	405.84
	88-19	85.00	1038.48
	88-20	70.00	835.56
	88-21	63.00	752.02
	88-22	79.00	943.01
	88-23	97.50	1247.36

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Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

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EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
REID, DIANA G. (Continued)			
	88-24	85.00	1057.48
	88-26	89.50	1113.67
	89-01	36.00	429.72
	89-02	67.00	799.75
	89-03	82.00	1027.13
	89-04	60.00	716.22
	89-05	56.00	668.45
	89-06	70.00	835.56
	89-08	52.00	646.15
	89-09	45.00	577.75
	89-10	76.00	1141.78
	89-11	69.00	1073.70
	89-12	89.50	1387.87
	89-13	67.00	1006.58
	89-15	36.00	540.84
	89-16	31.00	465.72
	89-17	74.00	1111.75
	89-18	50.00	751.18
	89-21	46.50	698.60
	89-22	74.50	1119.26
	89-23	76.50	1149.30
	89-25	70.00	1051.64
	89-26	75.00	1126.77
	89-27	35.00	525.83
	SUBTOTAL	3836.10	47446.74
RITTER, RONALD R.	86-25	2.00	61.34
	87-01	3.00	90.88
	87-02	4.00	121.14
	87-03	1.00	30.29
	87-05	1.00	30.29
	87-07	1.00	30.69
	87-09	1.00	31.69

NO CNSL

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COST SUMMARY DATE: 10/30/89
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Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

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EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
RITTER, RONALD R. (Continued)			
NO Pub Aff	87-10	1.00	31.69
	87-20	2.00	63.38
	88-09	3.00	97.74
	SUBTOTAL	19.00	589.13
ROBERDES, SUZANNE	86-17	17.00	216.60
LAB	86-18	3.50	44.64
	X 86-26	15.00	191.08
	X 86-27	1.00	12.76
	X 87-01	14.50	205.84
	X 87-02	45.00	573.27
	Partial X 87-03	[2.00] 4.00	50.96 25 48
	X 87-04	3.00	38.21
	X 87-05	14.00	178.34
	X 87-10	20.50	278.51
	Partial X 87-15	[3.50] 20.50	278.51 47 55
	Partial X 87-17	[6.00] 16.00	217.33 81.50 124.5 163 25
	87-19	54.20	781.37
	87-20	48.50	695.77
	87-21	30.00	407.50
	87-23	29.00	393.92
	87-24	14.00	202.98
	87-25	6.00	81.49
	88-16	9.00	133.95
	SUBTOTAL	364.70	4983.03
RODRIGUEZ, IRINO R.	86-17	14.00	164.41
LAB	86-18	2.00	23.48
	86-23	9.00	105.70
	X→ 87-02	34.00	471.93 34. 471.93
	87-03	33.00	446.96

158.5 204.47

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)		
RODRIGUEZ, IRINO R. (Continued)					
LAB	(Partial) X→ 87-05	11.00 18.00	211.35 (129.16)		
	X→ 87-15	12.00	149.76		
	87-17	8.00	99.84	23.00	278.92
	87-25	15.00	187.20		
	SUBTOTAL	145.00	1860.63		
SAMEK, PAMELA G.	88-21	3.00	33.64		
NO RCRA/SCA/SPFD?	SUBTOTAL	3.00	33.64		
SANDERSON, MICHAEL J.	89-13	1.50	54.18		
NO SPFD	89-18	0.50	18.05		
	SUBTOTAL	2.00	72.23		
SANDIFER, DONALD E	X 87-06	9.00	185.45	17.00	358.86
LAB	X 87-08	8.00	173.41		
	SUBTOTAL	17.00	358.86		
SIMMONS, DELORES M.	86-17	1.00	8.92		
	86-18	1.00	8.90		
	86-21	0.50	4.49		
LAB	X— 87-02	0.50	4.49	.50	4.49
	SUBTOTAL	3.00	26.80		
SMITH, CRAIG W.	86-23	1.00	22.75		
NO SPEC	86-24	5.00	90.93		
				L/O .50	642.27

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
SMITH, CRAIG W. (Continued)			
	86-25	1.00	22.75
	86-26	3.00	68.25
	87-01	1.00	22.71
No SPFD	87-08	1.00	23.82
	87-09	1.00	23.82
	87-19	2.00	47.64
	87-20	2.00	47.64
	88-18	1.00	28.49
	SUBTOTAL	18.00	398.80
STEINCAMP, MARTHA R.	87-12	3.00	87.92
	87-13	10.50	307.69
	87-14	11.00	322.37
	87-15	3.00	87.92
	87-16	4.00	117.23
	87-17	6.00	175.82
No CNSL	87-18	62.00	1817.00
	87-19	13.00	380.98
	87-20	23.00	674.06
	87-21	12.00	351.69
	87-22	2.00	58.61
	87-24	2.00	58.61
	88-03	2.00	59.64
	88-04	1.00	29.85
	88-05	1.00	29.82
	88-07	2.00	60.49
	88-08	2.00	61.89
	SUBTOTAL	159.50	4681.59
TRIPP, DAVID R.	86-19	8.00	270.03
	86-20	16.00	540.09

NO GNSL

0 0

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
TRIPP, DAVID R. (Continued)			
	86-21	11.00	371.30
	86-26	16.00	533.00
	87-01	7.00	233.17
	87-02	7.00	233.19
	87-10	3.00	104.66
	87-11	6.00	215.24
	87-12	3.00	107.62
	87-13	6.00	215.24
	87-14	4.00	149.50
	87-15	6.00	224.29
	87-17	2.00	74.74
	87-18	1.00	37.36
	87-21	1.00	37.38
	87-22	2.00	74.74
	87-23	1.00	43.45
	88-02	1.00	42.37
	88-03	1.00	42.34
	SUBTOTAL	102.00	3549.71
ULMER, DEANNA K.	87-04	14.50	150.83
	87-05	1.00	8.50
	SUBTOTAL	15.50	159.33
VAHSHOLTZ, LESTER M.	89-03	10.00	205.34
	89-04	4.00	82.13
	89-05	30.50	626.33
	89-07	39.50	811.03
	89-08	32.00	689.82
	89-09	14.50	312.68
	89-12	17.00	366.48
	89-13	6.00	129.34

NO CNSL

NO SPFD

NO Mgr.

0 0

COST SUMMARY DATE: 10/30/89
MARIHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
VAHSHOLTZ, LESTER M. (Continued)			
NO MGM	SUBTOTAL	153.50	3223.15
WAGONER, DAVID A.	87-17	2.00	77.95
	87-19	1.00	38.98
	87-20	1.00	38.98
NO SPFD	87-21	2.00	77.95
	88-03	1.00	38.47
	88-18	1.00	39.20
	89-18	2.00	82.08
	SUBTOTAL	10.00	393.61
WEATHERFORD, JEFFREY G.	86-19	3.00	40.29
	86-25	5.00	85.45
NO LAB	86-26	2.00	30.82
	87-16	32.00	566.30
	SUBTOTAL	42.00	722.86
WELLS, WANDA H.	89-04	4.50	68.14
	89-05	2.50	37.88
	89-08	4.00	63.29
NO ?	89-09	8.00	126.56
	89-10	1.00	15.82
	89-12	15.00	237.30
	89-15	4.00	63.29
	SUBTOTAL	39.00	612.28
WERHOLTZ, JANE B.	86-17	1.50	39.15
NO CNSL			

0 0

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
WERHOLTZ, JANE B. (Continued)			
	86-18	0.50	13.16
	86-19	0.50	13.16
	86-21	1.20	32.59
	86-22	0.20	6.48
	86-23	0.50	13.16
	86-24	2.50	65.39
	86-25	0.50	13.16
	87-01	1.80	47.00
	87-03	0.20	5.75
	87-05	0.20	6.58
	87-07	0.20	6.67
	87-09	0.20	6.88
	87-10	0.50	13.98
	87-11	1.20	34.63
	87-12	0.80	20.86
	87-13	0.80	20.86
	87-16	0.50	13.98
	87-17	2.00	55.49
	87-18	0.80	20.86
	87-19	0.80	20.86
	87-23	0.20	6.88
	87-25	0.20	6.88
	SUBTOTAL	17.80	484.41
WILSON, EDITH E.	86-18	2.00	35.51
	86-23	19.00	347.92
	86-24	2.00	36.62
	86-25	6.00	109.87
	86-26	6.00	109.87
	87-01	9.50	173.92
	87-03	2.00	37.71
	87-06	6.00	113.12
	87-08	6.00	116.95

NO CASL

3

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through Pay Period 27 Of FY 89 Ending 10/24/89

EPA PAYROLL — REGIONAL

DOCUMENTATION: Copies of Applicable Timecards/Timesheets

EMPLOYEE NAME	FISCAL YEAR/ PAY PERIOD	HOURS	AMOUNT ($)
WILSON, EDITH E. (Continued)			
	87-09	1.00	19.50
	87-11	3.00	58.48
	87-12	7.00	136.46
?	87-14	9.00	175.41
	87-15	2.00	38.98
	87-19	2.00	38.98
	87-22	1.00	19.47
	88-03	8.00	160.44
	88-18	1.00	20.52
	88-19	3.00	63.35
	88-20	2.00	42.23
	89-01	9.00	190.03
	89-02	5.00	105.57
	89-03	6.00	130.16
	SUBTOTAL	117.50	2281.07
WURTZ, STEPHEN P.	88-08	2.00	42.11
No PubAff	88-09	5.00	105.27
	89-01	3.00	64.88
	89-14	2.00	46.69
	89-15	2.00	46.69
	89-19	2.00	46.69
	SUBTOTAL	16.00	352.33
YUE, KENNETH T.	86-17	6.00	112.01
	87-02	1.00	19.23
LAB	X- 87-14	2.00	39.59
	SUBTOTAL	9.00	170.83
TOTAL EPA REGIONAL PAYROLL:		15853.40	279576.90

2.0 39.59

2.0 [illegible].59

COST SUMMARY DATE: 10/30/89
MARIHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

EPA TRAVEL - HEADQUARTERS

DOCUMENTATION: Copies of Travel Authorizations, Travel Vouchers and Treasury Schedules

EMPLOYEE NAME	FISCAL YEAR	TRAVEL AUTHORIZATION NO.	AMOUNT	PAID TREASURY SCHEDULE NUMBER AND TRANSACTION DATE	
CAMPAGNA, PHILIP R.	88	0TRT189864	145.00	06114	11/24/87
		000T189864	263.64	06114	11/24/87
NO		SUBTOTAL $	408.64		
THODE, ANNA CATHERINE	87	0TRT395599	212.00	T7034	01/13/87
NO		000T395599	22.50	67128	11/24/86
		SUBTOTAL $	234.50		
		TOTAL EPA HEADQUARTERS TRAVEL $	643.14		

COST SUMMARY DATE: 10/30/89
MARTHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

EPA TRAVEL - REGIONAL

DOCUMENTATION: Copies of Travel Authorizations, Travel Vouchers and Treasury Schedules

EMPLOYEE NAME	FISCAL YEAR	TRAVEL AUTHORIZATION NO.	AMOUNT	PAID TREASURY SCHEDULE NUMBER AND TRANSACTION DATE	
	87	00A7870097	2.91	MS73A	08/07/87
		00SE870106	23.36	MS75B	09/09/87
	88	00MR880074	2.55	MS890	03/30/88
		00MR880071	69.00	MS884	03/18/88
	89	0007DA0112	7.12		04/28/89
		0007DA0710	19.50		05/20/89
		0007DA0729	35.63		06/27/89
		0007DA0751	40.13		08/10/89
		0007DA0752	24.00		08/10/89
		0007DA0766	41.25		08/25/89
		0007WC0771	25.89		06/27/89
		0007WC0805	32.26		08/11/89
		0007WC0805	-32.26		08/11/89
		0007WC0805	32.26		08/11/89
		0007WC0836	21.39		08/25/89
		SUBTOTAL $	344.99		
BAILEY, CARL ARTHUR	88	000T205088	12.50	AS881	04/08/88
		SUBTOTAL $	12.50		
HESS, GEORGE K.	87	000T295746	37.50	AS708	10/25/86
	88	000T263202	87.50	AS828	11/24/87
		000T263772	100.00	AS836	12/10/87
		000T205087	12.50	AS881	04/08/88
		SUBTOTAL $	237.50		
KINSER, STEVEN E.	87	000T296987	46.84	AS72B	07/24/87
		SUBTOTAL $	46.84		
MCCULLERS, RUBEN B.	87	000T177880	50.00	AS798	06/11/87

COST SUMMARY DATE: 10/30/89
MARIHA C. ROSE CHEMICAL, MO (SSID = 7 8D)
Prepared: 04/08/87
Updated: 10/24/89
Updated: 10/30/89
Cost Data Through 10/24/89

EPA TRAVEL - REGIONAL

DOCUMENTATION: Copies of Travel Authorizations, Travel Vouchers and Treasury Schedules

EMPLOYEE NAME	FISCAL YEAR	TRAVEL AUTHORIZATION NO.	AMOUNT	PAID TREASURY SCHEDULE NUMBER AND TRANSACTION DATE	
MCCULLERS, RUBEN B. (Continued)					
		0TRT252001	198.00	AS72B	07/21/87
		000T252001	110.57	AS72B	07/21/87
		SUBTOTAL $	358.57		
MICINSKI, CHERYLE L.	88	00SE880114	2.35	MB348	09/22/88
		SUBTOTAL $	2.35		
REID, DIANA G.	87	000T177924	50.00	AS798	06/11/87
		0TRT177927	198.00	AS82A	07/21/87
		000T177927	93.91	AS82A	07/21/87
	88	00JN880095	13.02	MB248	06/25/88
		00SE880117	0.90	MB354	09/24/88
		00SE880117	18.84	MB354	09/24/88
		SUBTOTAL $	374.67		
SMITH, CRAIG W.	88	00AP880087	25.20	MB167	05/26/88
		SUBTOTAL $	25.20		
		TOTAL EPA REGIONAL TRAVEL $	1402.62		

NO

NO

NO

SUMMARY OF INDIRECT COSTS FOR MARTHA C. ROSE CHEMICAL (SSID: 7 8D)
DATE: 10/30/89
Data Through Pay Period 27 Of FY 89

	Total Direct Hours	x Rate($)	= Subtotal($)
FY 1986	661.00	60	39660.00
FY 1987	3803.00	61	231983.00
FY 1988	558.00	61	34038.00
FY 1989	75.50	61	4605.50

TOTAL INDIRECT COSTS TO CLAIM IN COST RECOVERY: 310286.50

INDIRECT COSTS REPORT FOR MARTHA C. ROSE CHEMICAL (SSID: 7 8D)
DATE: 10/30/89
Data Through Pay Period 27 Of FY 89

FISCAL YEAR	EMPLOYEE NAME	AH RC	NUMBER OF HOURS ATTRIBUTED TO SITE WORK		INDIRECT COSTS RATE ($)	INDIRECT COSTS ($)
86	BENNETT, HELEN G.	07M	4.00			
	BUNN, WILLIAM W.	07M	7.00	7.00		
	CASTOR, MALCOLM O.	07M	11.00			
	EVANS, BARRY W.	07M	6.00			
	FRANCE-ISETTS, PAULETTA	07W	9.50			
	FULTON, JAMES B.	07M	14.00			
	HAAS, BERNARD, JR.	07M	2.00	2.00		
	HESS, GEORGE K.	07M	284.00			
	JACKSON, BERLA C.	07M	36.00	5.00		
	KINSER, STEVEN E.	07W	154.00			
	LUCKET, BEULAH M.	07M	12.00			
	MCCULLERS, RUBEN B.	07W	8.00			
	MCCUTCHEON, RONALD D	07M	6.00			
	MORBY, ROBERT L.	07W	17.50			
	ROBERDES, SUZANNE	07M	36.50	16.00		
	RODRIGUEZ, IRINO R.	07M	25.00			
	SIMMONS, DELORES M.	07M	2.50			
	SMITH, CRAIG W.	07W	10.00			
	WEATHERFORD, JEFFREY G.	07M	10.00			
	YUE, KENNETH T.	07M	6.00			
		SUBTOTAL	~~661.00~~	30	60	~~39660.00~~ 1800.00
87	BATES, DALE I.	07M	6.00			
	BLOMGREN, CARL V.	07W	2.00			
	BRODIE, SHELLEY M.	07W	19.00			
	BROWN, HAROLD G.	07M	35.00		7.00	
	BUNN, WILLIAM W.	07M	21.00		20.00	
	CROSSLAND, ROY J.	07M	20.00		4.00	
	EASLEY, DIANE M.	07M	23.00			
	EVANS, BARRY W.	07M	27.00		25.00	
	FULTON, JAMES B.	07M	4.00			
	GREATHOUSE, PHILLIP	07M	38.00			
	GREEN, FLORENCE	07W	7.00			
	HESS, GEORGE K.	07M	592.00		592.00	
	HUDSON, JODY L.	07M	13.00			
	JACKSON, BERLA C.	07M	137.00		37.00	
	JUSTIS, PATRICIA K.	07W	10.80			
	KINSER, STEVEN E.	07W	727.50			
	KLEOPFER, ROBERT D.	07M	4.00			
	LUCKET, BEULAH M.	07M	64.00		8.00	

INDIRECT COSTS REPORT FOR MARTHA C. ROSE CHEMICAL (SSID: 7 8D)
DATE: 10/30/89
Data Through Pay Period 27 Of FY 89

FISCAL YEAR	EMPLOYEE NAME	AH RC	NUMBER OF HOURS ATTRIBUTED TO SITE WORK	INDIRECT COSTS RATE ($)	INDIRECT COSTS ($)
	MARCHIN, LAWRENCE M.	07M	2.00 →	1.00	
	MATHIS, YVONNE	07W	8.00		
	MCCULLERS, RUBEN B.	07W	1450.50		
	MORBY, ROBERT L.	07W	61.00		
	MOREY, DEBRA A.	07M	2.00 →	2.00	
	MORRISON, BRUCE A.	07M	4.00		
	PRICE, ROGER E.	07M	5.00		
	ROBERDES, SUZANNE	07M	319.20 →	108.50	
	RODRIGUEZ, IRINO R.	07M	120.00 →	57.00	
	SANDIFER, DONALD E	07M	17.00 →	17.00	
	SIMMONS, DELORES M.	07M	0.50 →	.50	
	SMITH, CRAIG W.	07W	7.00		
	ULMER, DEANNA K.	07W	15.50		
	WAGONER, DAVID A.	07W	6.00		
	WEATHERFORD, JEFFREY G.	07M	32.00		
	YUE, KENNETH T.	07M	3.00 →	2.0	
		SUBTOTAL	~~3803.00~~ 881	61	~~231983.00~~ 53,741.00
88	BAILEY, CARL ARTHUR	07M	42.00		
	BATES, DALE I.	07M	11.00		
	BRUNE, DOUGLAS J.	07M	8.00		
	BUNN, WILLIAM W.	07M	16.00		
	EASLEY, DIANE M.	07M	6.00		
	HESS, GEORGE K.	07M	413.00		
	HUDSON, JODY L.	07M	13.00		
	LUCKET, BEULAH M.	07M	40.00		
	ROBERDES, SUZANNE	07M	9.00		
		SUBTOTAL	558.00	61	34038.00
89	BRUNE, DOUGLAS J.	07M	7.00		
	BUNN, WILLIAM W.	07M	24.00		
	DEIHL, TRUDY G.	07M	8.00		
	EASLEY, DIANE M.	07M	28.00		
	GREENALL, ROBERT L.	07M	2.00		
	MARCHIN, LAWRENCE M.	07M	6.50		
		SUBTOTAL	75.50	61	4605.50

INDIRECT COSTS REPORT FOR MARIHA C. ROSE CHEMICAL (SSID: 7 8D)
DATE: 10/30/89
Data Through Pay Period 27 Of FY 89

FISCAL YEAR	EMPLOYEE NAME	AH RC	NUMBER OF HOURS ATTRIBUTED TO SITE WORK	INDIRECT COSTS RATE ($)	INDIRECT COSTS ($)
	TOTAL HOURS AND INDIRECT COSTS		5097.50		310286.50

~~5200 security~~
~~38K~~

5200 sec TAT
38K removal ERCS

ENVIRONMENTAL PROTECTION AGENCY
Payroll Distribution Timesheet

Routing Information

Timekeeper for signature
Employee for signature
Supervisor for signature
Janis Fagan for completeness audit
John Anderson for audit and filing

Employee Name: HESS, G.
Social Security No: 198-36-1052
Fixed Account No: 7TGB07M400
Position No: PE 14

Designated Agent No: 8493
Pay Period Date From: 10/12/86 To: 10/25/86
Pay Period No: 2

Account No.																	Summary Columns					
FY	Account No.	Act No.	S	M	T	W	T	F	S	S	M	T	W	T	F	S	Reg. Hrs.	O.T. Hrs.	Haz. Dty.	Ngt. Dif.	Sun. Hrs.	Hol. Hrs.
7	TFA07M8A8	K08A8										4.00	8.00	8.00	4.00		24.00	2.00	0.00	0.00	0.00	0.00
7	TGB07M58D	K158D			8.00	8.00	8.00	8.00				4.00			4.00		40.00	13.50	0.00	0.00	0.00	8.00
7	TGB07M400	0JA07									8.00						8.00	0.00	0.00	0.00	0.00	0.00
7	TGB07M400	0JM07		8.00													8.00	0.00	0.00	0.00	0.00	0.00
NON-FAN: CONT. SHEETS			0.00	10.00	1.50	4.00	6.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	15.50	0.00	0.00	0.00	8.00
NON-FAN TOTAL			0.00	10.00	9.50	12.00	14.00	8.00	0.00	0.00	0.00	8.00	9.00	9.00	8.00	0.00	64.00	15.50	0.00	0.00	0.00	8.00
GRAND TOT ALL PAID HRS			0.00	10.00	9.50	12.00	14.00	8.00	0.00	0.00	0.00	8.00	9.00	9.00	8.00	0.00	80.00	15.50	0.00	0.00	0.00	8.00

check payroll report
object class code —
To see if pd for these hours.
Revised

2 additional OT Hours added to 7TGB07M58D

I certify that the hours posted are accurate for the worked performed.

Timekeeper Signature
Phone Number

Supervisor Signature

Employee Signature

Not paid

COST CENTER	ACKNOWLEDGEMENT OF COMPLETION PERFORMANCE OBSERVATION REPORT: PART I	CONTRACT NO.:
TS1307		68-01-7368

CONTRACTOR:	TDD NO.
Ecology and Environment, Inc.	T07-8901-029A

REPORTING ELEMENT:	DATE(S) OF REPORTED OBSERVATION	APPROX. NO. OF HOURS	ACCOUNT NO.
Region VII TAT	2/1/89 - 6/30/89	159/300	TMO 0502 TAE

PERFORMANCE EVALUATION CATEGORY:
TECHNICAL ASSISTANCE: Martha C. Rose Chemical Co. (BNA's)

DESCRIPTION OF CONTRACTOR OBSERVATION BY: Darrell Messharger

Eighteen water and soil samples were extracted and analyzed for Base, Neutrals, and Acids. Phthalates, believed to be introduced during either sampling or extraction, were the only compounds reported.

RATING: 5, 4, 3, 2, 1	SIGNATURE OF CONTRACTOR:	DATE:
4.5	Joe Chandler	6/22/89

DESCRIPTION OF EPA OBSERVATION BY: Harold G. Brown, Ph.D. Chief, CLQA Program
NAME/TITLE

Data meet the needs and expectations of clients. Timeliness was adequate. Quality control procedures were acceptable. No real problems were encountered.

RATING: 5, 4, 3, 2, 1	SIGNATURE OF EPA:	DATE:
3.5	Harold G. Brown	6/29/89

SIGNATURE OF REGIONAL POR COORDINATOR:	DATE:
[illegible signature]	7/5/89

HQ COORDINATOR'S EVALUATION BY:
NAME/TITLE

RATING: 5, 4, 3, 2, 1	SIGNATURE OF HQ:	DATE:

DPO ACTION: ☒ ACCEPTED ☐ ACCEPTED WITH EXCEPTIONS ☐ REJECTED

COST TO DATE:	$16,579.24 DATE: 7/25/89	HOURS TO DATE:	166
TOTAL COST TO CLOSURE:	$16,579.24	TOTAL HOURS TO CLOSURE:	166

I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD.

TATL SIGNATURE (INTERIM)	TATL SIGNATURE (FINAL)	DATE:
Joe Chandler	Joe Chandler	6/22/89 INTERIM 7/25/89 FINAL

I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES.

DPO SIGNATURE (INTERIM)	DPO SIGNATURE (FINAL)	DATE:
[illegible signature]	[illegible signature]	6/26/89 INTERIM 7/27/89 FINAL

Distribution:
- Sheet 1 White - HQS Coordinator
- Sheet 2 White - DPO Copy
- Sheet 3 Blue - TATL Copy
- Sheet 4 Green - ZPM Copy
- Sheet 5 Canary - PO Copy
- Sheet 6 Pink - CO Copy
- Sheet 7 Goldenrod - DPO Interim

T006088

John-

This is the last of it for Rose Chemical.

Teri

1A. Cost Center: TS1307	TAT ZONE II CONTRACT CONTRACT NO. 68-01-7368 TECHNICAL DIRECTION DOCUMENT (TDD) ECOLOGY AND ENVIRONMENT, INC.	2. No.: T 07-8901-029A Amendment A
1B. Account No.: 00502TAE		

3A. Priority	4A. Estimate of Total Hours: 300 Total Costs: $18,000.00	5A. EPA Site Name: Martha Rose Chemical Company	7. CERCLIS ID: NA
[X] High [ ] Medium [ ] Low		5B. SSID No.: 8D 5C. City/County/State: Holden/Johnson/MO	8. Completion Date: 6/30/89
3B. Key EPA Contact: Name: H. Brown Phone: 236-3881	4B. Overtime Approved: [X] Yes [ ] No 4C. Non-dedicated Approved: [ ] Yes [X] No	6. Source of Funds: [ ] Other [X] CERCLA [ ] 311 [ ] UST	8A. Reference Info: [X] Yes [ ] Attached [ ] No [ ] Pick-up

9. Type of Activity:

CWA-311	CERCLA	AS SPECIFIED ABOVE	
[ ] SPCC	[ ] Site Assessment	[ ] Special Project	[ ] Quality Assurance
[ ] On-Scene Monitoring	[ ] Removal Funded	[ ] Analytical Project	[ ] Training
[ ] Spill Clean-up Funded	[ ] Removal PRP (AO/CO)	[ ] Preparedness	[ ] Program Management
	[ ] On-Site Monitoring	[ ] UST	[X] Technical Assistance
		[ ] FEMA	[ ] Information Management

10. General Task Description: Analyze 60 soil and wipe samples for presence of BNA.

11. Desired Report Form:
[ ] Formal Report
[ ] Letter Report
[ ] Formal Briefing
[X] Other (Specify) Memo and data.

12. Specific Elements:

TAT is requested to analyze 60 soil and wipe samples for the presence of base, neutral, and acid extractable organic compounds (BNAs) using gc/ms instrumentation. Samples will arrive over the next several weeks.

2. Activity Number is N3P8D.

3. 4-6-89 amend to extend deadline because delivery of samples is now projected into June, 1989.

13. Interim Deadlines: NA

14. Authorizing DPO: [signature] (Signature)

15. Date: 4/22/89

16. Received by: [X] Accepted [ ] Accepted with Exceptions (Attached) [ ] Rejected
[signature] (TATL Signature)

17. Date: 4/22/89

T007088

Ibution:

Sheet 1	White	- DPO Copy
Sheet 2	Blue	- TATL Copy
Sheet 3	Green	- ZPM Copy
Sheet 4	Canary	- PO Copy
Sheet 5	Pink	- CO Copy
Sheet 6	Goldenrod	- DPO Original (Unsigned by TATL)

1A. Cost Center: TS-1307	TAT ZONE II CONTRACT CONTRACT NO. 68-01-7368 TECHNICAL DIRECTION DOCUMENT (TDD) ECOLOGY AND ENVIRONMENT, INC.	2. No.: T07-8901-029
1B. Account No.: 0-0502-TAE		Amendment _____

3A. Priority	4A. Estimate of Total Hours: 150 Total Costs: $20,625	5A. EPA Site Name: Martha Rose Chemical Company	7. CERCLIS ID:
[X] High [ ] Medium [ ] Low		5B. SSID No.: 8D 5C. City/County/State: Holden/Johnson/MO	8. Completion Date: 3/31/89
3B. Key EPA Contact: Name: Harold Brown Phone: 236-3881	4B. Overtime Approved: [X] Yes [ ] No 4C. Non-dedicated Approved: [ ] Yes [X] No	6. Source of Funds: [X] CERCLA [ ] 311 [ ] UST [ ] Other _____	8A. Reference Info: [X] Yes [X] Attached [ ] No [ ] Pick-up

9. Type of Activity:

CWA-311	CERCLA	AS SPECIFIED ABOVE	
[ ] SPCC	[ ] Site Assessment	[ ] Special Project	[ ] Quality Assurance
[ ] On-Scene Monitoring	[ ] Removal Funded	[ ] Analytical Project	[ ] Training
[ ] Spill Clean-up Funded	[ ] Removal PRP (AO/CO)	[ ] Preparedness	[ ] Program Management
	[ ] On-Site Monitoring	[ ] UST	[X] Technical Assistance
		[ ] FEMA	[ ] Information Management

10. General Task Description: Analyze 60 soil and wipe samples for presence of BNAs.

11. Desired Report Form:
[ ] Formal Report
[ ] Letter Report
[ ] Formal Briefing
[X] Other (Specify) Memo & data.

12. Specific Elements:

T is requested to analyze 60 soil and wipe samples for the presence of base, neutral, and acid extractable organic compounds (BNAs) using gc/ms instrumentation. Samples will arrive over the next several weeks.

Activity Number is N3P8D.

13. Interim Deadlines:

14. Authorizing DPO: [signature] (Signature)

15. Date: 2/9/89

16. Received by: [X] Accepted [ ] Accepted with Exceptions (Attached) [ ] Rejected

[signature] (Acting) (TATL Signature)

17. Date: 2/14/89

T007088

bution:

Sheet 1	White	- DPO Copy
Sheet 2	Blue	- TATL Copy
Sheet 3	Green	- ZPM Copy
Sheet 4	Canary	- PO Copy
Sheet 5	Pink	- CO Copy
Sheet 6	Goldenrod	- DPO Original (Unsigned by TATL)

~~Interim~~ FINAL AOC: Martha C. Ros 'RP Wurtz

COST CENTER	ACKNOWLEDGEMENT OF COMPLETION PERFORMANCE OBSERVATION REPORT: PART I	CONTRACT NO.:
TS1317		68-01-7368

CONTRACTOR:	TDD NO.
Ecology and Environment, Inc.	T-17-8801-005

PORTING ELEMENT:	DATE(S) OF REPORTED OBSERVATION	APPROX. NO. OF HOURS	ACCOUNT NO.
r 17	1/15/88 - 1/29/88	21	TM0Ø5Ø2TAB

PERFORMANCE EVALUATION CATEGORY:

Technical Assistance

DESCRIPTION OF CONTRACTOR OBSERVATION BY: Sharon Oxley

TAT responded immediately to EPAs request for a community relations plan (CRP) for the Martha C. Rose site, and an original map. the site was thoroughly researched by reviewing EPA files and coordinating with project officer. This project involved researching the community background, compiling a list of the appropriate key officials and media representatives, and recommending community relations activities to correspond with technical milestones. This project was completed on time despite a tight deadline and well below the estimated number of hours.

RATING: 5, 4, 3, 2, 1	SIGNATURE OF CONTRACTOR: Sharon D. Oxley 2/5/88	DATE:

DESCRIPTION OF EPA OBSERVATION BY:

NAME/TITLE

RATING: 5, 4, 3, 2, 1	SIGNATURE OF EPA:	DATE:

SIGNATURE OF REGIONAL POR COORDINATOR.	DATE:

HQ COORDINATOR'S EVALUATION BY:

NAME/TITLE

RATING. 5, 4, 3, 2, 1	SIGNATURE OF HQ:	DATE:

DPO ACTION. ☒ ACCEPTED ☐ ACCEPTED WITH EXCEPTIONS ☐ REJECTED

COST TO DATE: 2126.80 DATE: 4-22-88

TOTAL COST TO CLOSURE: 2126.80

ACTUAL TOTAL HOURS: 21

I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD.

DATE: 4/15/88 INTERIM; 4/22/88 FINAL

TATL SIGNATURE (INTERIM) TATL SIGNATURE (FINAL)

I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES.

DATE: 2/12/88 INTERIM; 4/25/88 FINAL

DPO SIGNATURE (INTERIM) DPO SIGNATURE (FINAL)

Distribution:

Sheet 1	White	- HQS Coordinator
Sheet 2	White	- DPO Copy
Sheet 3	Blue	TATL Copy
Sheet 4	Green	- ZPM Copy
Sheet 5	Canary	PO Copy
Sheet 6	Pink	- CO Copy

T006A037

pkj

1A. Cost Center: TS 1371	TAT ZONE II CONTRACT CONTRACT NO. 68-01-7368 TECHNICAL DIRECTION DOCUMENT (TDD) ECOLOGY AND ENVIRONMENT, INC.	2. No.: T 17-8801-005
1B. Account No.: TM00502TAB		Amendment _____

3A. Priority	4A. Estimate of Total Hours: 30	5A. EPA Site Name:	7. Completion Date:
☐ High ☒ Medium ☐ Low	Total Costs: $1,350	Martha C. Rose	1/29/88
		5B. SSID No.: 8D 5C. City/County/State: Holden/MO	8. Reference Info: ☐ Yes ☐ Attached ☒ No ☐ Pick-up
3B. Key EPA Contact: Name: Steve Wurtz Steve Kinser Phone: 236-2856	4B. Overtime Approved: ☐ Yes ☒ No	6. Source of Funds: ☐ Other _____ ☒ CERCLA ☐ 311 ☐ UST	8A. Subtask Code:

9. Type of Activity:

CWA-311	CERCLA	AS SPECIFIED ABOVE	
☐ SPCC	☐ Site Assessment	☐ Special Project	☐ Quality Assurance
☐ On-Scene Monitoring	☐ Removal Funded	☐ Analytical Project	☐ Training
☐ Spill Clean-up Funded	☐ Removal PRP (AO/CO)	☐ TITLE III	☐ Program Management
	☐ On-Site Monitoring	☐ UST	☒ Technical Assistance
		☐ FEMA	☐ Information Management

10. General Task Description: Develop Community Relations Plan for Martha C. Rose site.

11. Desired Report Form:
☐ Formal Report
☐ Letter Report
☐ Formal Briefing
☒ Other (Specify) CRP

12. Specific Elements:

Vie file information and meet with project manager, Steve Kinser.

Draft Community Relations Plan in accordence with EPA Community Relations Guidance.

Submit 3 copies to Community Relations Coordinator(CRC).

Make revisions and submit 3 copies in Final to CRC.

E&E Contact: Sharon Oxley

13. Interim Deadlines: N/A

14. Authorizing DPO: [signature] (Signature)

15. Date: 1/13/88

16. Received by: ☒ Accepted ☐ Accepted with Exceptions (Attached) ☐ Rejected

[signature] (TATL Signature)

17. Date: 1/15/88

Distribution.

Sheet 1	White	- DPO Copy
Sheet 2	Blue	- TATL Copy
Sheet 3	Green	- ZPM Copy
Sheet 4	Canary	- PO Copy
Sheet 5	Pink	CO Copy
Sheet 6	Goldenrod	- DPO Original (Unsigned by TATL)

T007037

RECEIVED JAN 14 1988

File in billing file 8D ICA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII CMP

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

11 AM 8:31

October 7, 1994

MEMORANDUM

SUBJECT: Martha C. Rose Chemicals Site
Itemized Cost Summary Report

FROM: J. Scott Pemberton Scott
Senior Associate Regional Counsel

TO: John Anderson
Accountant

Pursuant to our discussions of two weeks ago, this memorandum sets out requested changes in the Itemized Cost Summary Report (Report) for the Martha C. Rose Chemicals, Inc. site for the period of time 10/01/80 through 12/26/92. The most recent Report is dated 2/16/94. By this memorandum, I am also requesting the following for the Rose Chemicals site:

1. a Report covering the period 10/01/80 through 9/30/94; and completed 10/19/94

2. a Report covering the period 12/27/92 through 9/30/94 with complete cost documentation for this period. forwarded to LAI 10/19/94

For the second item above, Donna Moore previously provided the cost documentation from 12/27/92 through 9/30/93. Therefore, I only need the documentation for FY 1994. The Reports and documentation requested are necessary because the Department of Justice is ready to file a cost recovery action against the PRPs for this site. However, the Federal Rules of Civil Procedure require the United States to attempt to settle the case prior to filing of the complaint. As part of the settlement negotiations, EPA must provide the PRPs with a complete cost documentation package.

As to the requested updated Report for the period 10/01/80 through 12/26/92, please make the following corrections/changes in the Report. This Report also needs to reflect all payments received from the PRPs to date.

completed 10/20/94 X. REGIONAL PAYROLL COSTS. The following corrections and deletions in payroll costs are requested because the time was spent in activities directly related to the criminal investigation of the Rose Chemicals' company and its officers and

employees or related to the B & B Salvage Company site (the B & B Salvage Site costs are marked *).

1. Brown, Harold G. FY87/P.P.15 - delete all 4.0 hours.*
2. Crossland, Roy J. FY87/P.P.16 - delete all 8.0 hours.*
3. Jackson, Berla C. FY87/P.P.15 - of the 22.0 hours, delete 19.0 hours.*
   FY87/P.P.16 - delete all 5.0 hours.*
   FY87/P.P.17 - delete all 8.0 hours.*
   FY87/P.P.21 - delete all 8.0 hours.
4. Kleopfer, Robert D. FY87/P.P.22 - delete both 2.0 hours.
5. Lucket, Beulah M. FY87/P.P.15 - of the 20.0 hours, delete 12.0 hours.*
6. Morrison, Bruce A. FY87/P.P.17 - delete all 4.0 hours.*
7. Roberdes, Suzanne FY87/P.P.15 - of the 20.5 hours, delete 17.0 hours.*
   FY87/P.P.17 - of the 16.0 hours, delete 10.0 hours.*
   FY87/P.P.21 - delete both 2.0 hours.
   FY87/P.P.23 of the 26.0 hours delete 4.0 hours.
8. Rodriguez, Irino R. FY87/P.P.17 - delete all 8.0 hours.*
9. Weatherford, Jeffrey G. FY87/P.P.16 - delete all 32.0 hours.*

completed 10/20/94 B. INDIRECT COSTS. I assume the changes in regional payroll costs will automatically change the EPA indirect costs for FY 1987. correct

completed 10/20/94 C. REGIONAL TRAVEL COSTS.

1. Pearl, Karen S., Travel Voucher # 9207DA0123. Change travel cost from $4.50 to $5.60, per cost documentation.

completed 10/20/94 D. CONTRACTS.

1. Environmental Emergency Services, Co. #68-01-6860. Voucher #3, change Treasury Schedule date from 1/09/87 to 1/05/87.

2. CH2M HIll. # 68-01-7251.

a) Voucher #43, change the site amount from $11,967.95 to $6,677.22. The original site costs includes $5,290.73 in direct costs, fees and awards that are B & B Salvage Company site costs. $\frac{\text{TOTAL} - 5290.73}{\text{TOTAL}} \times 115,158.81$

completed 10/20/94

b) Adjust the annual allocation amount to reflect the above reduction. $\frac{5290.73}{\cancel{561,047.47}} \times 115,158.81 = \$114,067.68$

$58,392.68

3. State Cooperative Agreement (SCA). #732101.

a) Voucher #0301000028, change to 0301000029, per cost documentation.

b) Voucher #0110 (First entry), change voucher date from 9/16/91 to 9/16/92; Treasury Schedule number from 1638910 to 2259999; and Treasury Schedule date from 7/12/91 to 9/16/92, all per cost documentation.

c) Voucher #0046, change Treasury Schedule number from 22518877 to 2251887, per cost documentation.

d) Voucher #0110 (2nd entry), delete space between the last ~~to~~ TWO 9's on the Treasury Schedule number.

4. Ecology and Environment. #68-01-7368.

a) Voucher #71, change to 71 & 72, per cost documentation.

b) Voucher #82, change to 81 & 82; and change voucher amount from $970,779.11 to $86,537.81, both per cost documentation.

c) Voucher 83 & 84, change Treasury Schedule number from 08970 to 08971.

5. Planning Research Corporation. #68-W9-0006.

a) Voucher #C07-19, change Treasury Schedule number from 09249 to 9249-YHW, per cost documentation.

b) Voucher #C07-43, change Treasury Schedule number from 93130 to 92735; and change Treasury Schedule date from 11/19/92 to 08/18/92, both per cost documentation.

Please note that CNSL is in the process of obtaining additional work performed documentation from various contractors that may necessitate further adjustments or additions to the contractor costs for the period 10/01/80 through 12/26/92. As a matter of priority, we need the revised Report for 10/01/80 through 12/26/92 first, as we will be ready to send the complete cost package for this time period the week of October 17, 1994. Your assistance is greatly appreciated.

cuts for removal

1. COST CENTER: Region VII	ACKNOWLEDGEMENT OF COMPLETION FOR TDD PCS# 0525 TAT EMERGENCY RESPONSE, REMOVAL AND PREVENTION ROY F. WESTON, INC.	2. NO.: 07-8606-S3 ☒ COMPLETE ☐ INTERIM

3. RESPONSE: The Region VII TAT procurred security services to be provided at the Rose Chemical site in Holden, Missouri for a 30 day period.

☐ FORMAL REPORT
☐ LETTER REPORT
☐ FORMAL BRIEFING
☐ OTHER (SPECIFY)

3A. COST TO DATE: UNK DATE: 7/24/86

3B. TOTAL COST TO CLOSURE: $6,156

3C. ACTUAL TOTAL HOURS: N/A

4. DPO ACTION: ☒ ACCEPTED ☐ ACCEPTED WITH EXCEPTIONS ☐ REJECTED

5. COMMENTS:

6. I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD.

Russell B. Krohn
(TATL SIGNATURE)

7. DATE: 7/24/86

8. I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES.

Ron McLatchea
(AUTHORIZING DPO SIGNATURE)

9. DATE: 7/25/86

Sheet 1 White — TATL Copy
Sheet 2 Green — DPO Copy (Signed by TATL, Replaces Original)
Sheet 3 Canary — NPMO Copy
Sheet 4 Pink — Project Officer Copy
Sheet 5 Blue — Contracting Officer (Washington, D.C.)
Sheet 6 White — DPO Original (Unsigned by TATL)
Sheet 7 Goldenrod — DPO Interim Copy

RFW 381-6-84

1. COST CENTER: Region VII	PCS# 0525	TECHNICAL DIRECTION DOCUMENT (TDD) OHM EMERGENCY RESPONSE AND SPILL PREVENTION PROGRAM ROY F. WESTON, INC.	2. NO.: 07-8606-S3 2A. TYPE: 23

3. PRIORITY:	4. SOURCE OF FUNDS:	5. EPA SITE ID (IF APPLICABLE):	6. COMPLETION DATE:	8. REFERENCE INFO:
☒ HIGH (1) ☐ MEDIUM (2) ☐ LOW (3)	☒ CERCLA (1) ☐ 311 (2) ☐ OTHER (3)	5A. EPA SITE NAME (IF APPLICABLE): Rose Chemical	7/25/86 7. OVERTIME APPROVED: ☐ YES ☒ NO	☐ YES ☒ NO ☐ ATTACHED ☐ PICK UP

9. GENERAL TASK DESCRIPTION: Rose Chemical Security

9A. SPECIAL PROJECT - ESTIMATED COST: $6,480 ESTIMATED HOURS: 30 days

10. SPECIFIC ELEMENTS: The Region VII TAT to subcontract for security services to be provided at the Rose Chemical site in Holden, Missouri. Security to be provided by one stationary guard 24 hours a day for a thirty day period. Security required to log site activities from vantage point off of Rose property and to report any detrimental accurences.

11. INTERIM DEADLINES:

12. DESIRED REPORT FORM: FORMAL REPORT ☐ LETTER REPORT ☒ FORMAL BRIEFING ☐

OTHER (SPECIFY):

13. COMMENTS:

14. AUTHORIZING DPO: Ron McCutcheon (SIGNATURE)

15. DATE: 6/24/86

16. RECEIVED BY: ☒ ACCEPTED ☐ ACCEPTED WITH EXCEPTIONS ☐ REJECTED

Robert Shular (TATL SIGNATURE)

17. DATE: 6/24/86

18. DESCRIPTOR 0 7 8 6 0 6 S 3 X 1 2 3 R O S E C H E M S E C U R I T Y M O 1 X

Sheet 1 White — TATL Copy
Sheet 2 Green — DPO Copy (Signed by TATL, Replaces Original)
Sheet 3 Canary — NPMO Copy
Sheet 4 Pink — Project Officer Copy
Sheet 5 Blue — Contracting Officer (Washington, D.C.)
Sheet 6 Goldenrod — DPO Original (Unsigned by TATL)

REW 380-10-82

1. COST CENTER:	ACKNOWLEDGEMENT OF COMPLETION FOR TDD TAT EMERGENCY RESPONSE, REMOVAL AND PREVENTION	2. NO.: 07-8611-24
Region VII	PCS# 6105 ROY F. WESTON, INC.	XX COMPLETE ☐ INTERIM

3. RESPONSE: The Region VII TAT assisted EP&R with collecting samples from equipment belonging to American Steel and located at the Rose Chemical facility in Holden, MO.

☐ FORMAL REPORT
XX LETTER REPORT
☐ FORMAL BRIEFING
☐ OTHER (SPECIFY)

3A. COST TO DATE: UNK DATE: 11-21-86

3B. TOTAL COST TO CLOSURE: 942

3C. ACTUAL TOTAL HOURS: 11

4. DPO ACTION: ☐ ACCEPTED ☐ ACCEPTED WITH EXCEPTIONS ☐ REJECTED

5. COMMENTS:

6. I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD.

Russell B. Krohn
(TATL SIGNATURE)

7. DATE: 11/21/86

8. I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES.

For Ross Mackintosh

[signature]
(AUTHORIZING DPO SIGNATURE)

9. DATE: Dec 1, 86

Sheet 1 White — TATL Copy
Sheet 2 Green — DPO Copy (Signed by TATL, Replaces Original)
Sheet 3 Canary — NPMO Copy
Sheet 4 Pink — Project Officer Copy
Sheet 5 Blue — Contracting Officer (Washington, D.C.)
Sheet 6 White — DPO Original (Unsigned by TATL)

REW 381-6-84

1. COST CENTER:	TECHNICAL DIRECTION DOCUMENT (TDD) OHM EMERGENCY RESPONSE AND SPILL PREVENTION PROGRAM	2. NO:
Region VII	PCS # 6105 ROY F. WESTON INC.	07-8611-24 2A. TYPE: 23

3. PRIORITY:	4. SOURCE OF FUNDS:	5. EPA SITE ID:	6. COMPLETION DATE:	8. REFERENCE INFO:
[X] HIGH (1) [ ] MEDIUM (2) [ ] LOW (3)	[X] CERCLA (1) [ ] 311 (2) [ ] OTHER (3)	5A. EPA NAME: American Steel	11/30/86 7. OVERTIME APPROVED: [X] YES [ ] NO	[ ] YES [X] NO ATTACHED [ ] PICK UP

9. GENERAL TASK DESCRIPTION: American Steel PRP Removal

9A. ESTIMATED COST: $ 900 ESTIMATED HOURS: 20

10. SPECIFIC ELEMENTS:

The Region VII TAT to assist EPA with checking on equipment moved to the Rose Chemical Facility in Holden, Missouri from American Steel.

11. INTERIM DEADLINES:

12D. DESIRED REPORT FORM: FORMAL REPORT [ ] LETTER REPORT [X] FORMAL BRIEF [ ]

OTHER (SPECIFY):

13. COMMENTS:

14. AUTHORIZING DPO: Ron M Cutshaw (SIGNATURE) 15. DATE: 11/20/86

16. RECEIVED BY: [X] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED

Russell B. Kirk (TATL SIGNATURE) 17. DATE: 11/20/86

18. DESCRIPTOR: 07-8611-24-123 AMERICAN STEEL MO 1

Sheet 1 White – *DPO Copy (Signed by TATL Replaces Original)*
Sheet 2 Green – *TATL Copy*
Sheet 3 Canary – *NPMO Copy*
Sheet 4 Pink – *Project Officer Copy*
Sheet 5 Blue – *Contracting Officer Copy (Washington, DC)*
Sheet 6 Goldenrod – *DPO Original Copy*

1. COST CENTER: Region VII	ACKNOWLEDGEMENT OF COMPLETION FOR TDD PCS# 5422 TAT EMERGENCY RESPONSE, REMOVAL AND PREVENTION ROY F. WESTON, INC.	2. NO.: 07-8608-17 XX COMPLETE ☐ INTERIM

3. RESPONSE: The Region VII TAT performed monitoring of site conditions and responsible party mitigative actions at the Rose Chemical Site in Holden, Missouri.

☐ FORMAL REPORT
XX LETTER REPORT
☐ FORMAL BRIEFING
☐ OTHER (SPECIFY)

3A. COST TO DATE: UNK DATE: 9-30-86

3B. TOTAL COST TO CLOSURE: 5209

3C. ACTUAL TOTAL HOURS: 177

4. DPO ACTION: X ACCEPTED ☐ ACCEPTED WITH EXCEPTIONS ☐ REJECTED

5. COMMENTS:

6. I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD.

Russell B. Kroh
(TATL SIGNATURE)

7. DATE: 9/30/86

8. I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES.

Ron McCutcheon
(AUTHORIZING DPO SIGNATURE)

9. DATE: 9/30/86

Sheet 1 White — TATL Copy
Sheet 2 Green — DPO Copy (Signed by TATL, Replaces Original)
Sheet 3 Canary — NPMO Copy
Sheet 4 Pink — Project Officer Copy
Sheet 5 Blue — Contracting Officer (Washington, D.C.)
Sheet 6 White — DPO Original (Unsigned by TATL)
Sheet 7 Goldenrod — DPO Interim Copy

RFW 381-6-84

1. COST CENTER:	TECHNICAL DIRECTION DOCUMENT (TDD) OHM EMERGENCY RESPONSE AND SPILL PREVENTION PROGRAM	2. NO.: 07-8608-17
Region VII	PCS# 5422 ROY F. WESTON, INC.	2A. TYPE: 3

3. PRIORITY:	4. SOURCE OF FUNDS:	5. EPA SITE ID (IF APPLICABLE):	6. COMPLETION DATE:	8. REFERENCE INFO:
☒ HIGH (1) ☐ MEDIUM (2) ☐ LOW (3)	☒ CERCLA (1) ☐ 311 (2) ☐ OTHER (3)	8D 5A. EPA SITE NAME (IF APPLICABLE): Rose Chemical	9/30/86 7. OVERTIME APPROVED: ☒ YES ☐ NO	☐ YES ☒ NO ☐ ATTACHED ☐ PICK UP

9. GENERAL TASK DESCRIPTION: Rose Chemical immediate removal

9A. SPECIAL PROJECT - ESTIMATED COST: $18,000 ESTIMATED HOURS: 400

10. SPECIFIC ELEMENTS: The Region VII TAT to develop an Action Memo for immediate removal activities at the Rose Chemical PCB site in Holden, Missouri. The TAT to also perform other site related activities pertaining to the immediate removal which may include sampling and cleanup contractor monitoring.

11. INTERIM DEADLINES:

12. DESIRED REPORT FORM: FORMAL REPORT ☐ LETTER REPORT ☒ FORMAL BRIEFING ☐

OTHER (SPECIFY): Action Memo in prpper format.

13. COMMENTS:

14. AUTHORIZING DPO: Ron McCutcheon (SIGNATURE)

15. DATE: 8/18/86

16. RECEIVED BY: ☒ ACCEPTED ☐ ACCEPTED WITH EXCEPTIONS ☐ REJECTED

Russell B. Krohn (TATL SIGNATURE)

17. DATE: 8/20/86

18. DESCRIPTOR 07860817 X 103 ROSE CHEMICAL 8DMO 1 X

Sheet 1 White — TATL Copy
Sheet 2 Green — DPO Copy (Signed by TATL, Replaces Original)
Sheet 3 Canary — NPMO Copy
Sheet 4 Pink — Project Officer Copy
Sheet 5 Blue — Contracting Officer (Washington, D.C.)
Sheet 6 Goldenrod — DPO Original (Unsigned by TATL)

RFW 380-10-82

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

EPA DELIVERY ORDER FOR EMERGENCY RESPONSE CLEANUP SERVICES

(This delivery order is issued subject to all terms and conditions of the contract identified in Block 2.)

1. DATE OF ORDER	2. CONTRACT NUMBER	3. ORDER NUMBER
July 21, 1986	68-01-6860	6860-07-026

4. TIME OF INITIAL ORDER *(If initial order was verbal) (Specify Time Zone)* ☐ AM ☐ PM

5. DELIVERY ORDER CEILING AMOUNT *(Obligated Amount)*: $11,500

6. ACCOUNTING AND APPROPRIATION DATA

Appropriation Number	Document Control No.	Account Number	Object Class
6820X8145	XMX157	PSFA07ME8D	25:35

7a. ISSUED TO: CONTRACTOR *(Name, Address, and ZIP Code)*
Riedel Environmental Services, Inc.
P.O. Box 5007
Portland, Oregon 97208

8a. ISSUED BY: ORDERING OFFICE *(Name, Address, and ZIP Code)*
U.S. Environmental Protection Agency
25 Funston Road
Kansas City, Kansas 66115

7b. PROGRAM MANAGER *(Name and Phone Number)*: John Hopkins, 503/285-9111

8b. EPA REGION/USCG DISTRICT: Region VII

8c. ZONE: Four

7c. RESPONSE MANAGER *(Name and Phone Number)*: John Hopkins, 503/285-9111

8d. ON-SCENE COORDINATOR *(Name and Phone Number)*: Ronald D. McCutcheon

9. RESPONSE LOCATION *(Site Name and/or Address and ZIP Code)*
Rose Chemical Co.
Holden, Mo.

10. CONTRACTOR REQUIRED ON SITE *(Date and Time) (Specify Time Zone)*
July 21, 1986 ☐ AM ☒ PM

11. REQUIRED WORK COMPLETION DATE
August 21, 1986

12. STATEMENT OF WORK

The Contractor shall furnish the necessary personnel, materials, services, facilities, and otherwise do all things necessary for or incident to the performance of the work set forth below:

Provide 24-hours security services at the Martha C. Rose site in Holden, Missouri.

13. ORDERING OFFICER

NAME/TITLE	SIGNATURE	DATE
Ron McCutcheon Chief, Field Removal Sect.	Ron M. Cutcheon	July 21, 86

EPA Form 1900-59 (11-83)

ORDERING OFFICER/OSC

STANDARD FORM 30, JULY 1966
GENERAL SERVICES ADMINISTRATION
FED. PROC. REG. (41 CFR) 1-16.101

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

PAGE 1 OF 1

1. AMENDMENT/MODIFICATION NO.	2. EFFECTIVE DATE	3. REQUISITION/PURCHASE REQUEST NO.	4. PROJECT NO. (If applicable)
ONE (1)	See Below	WA86-H484	

5. ISSUED BY — CODE
Environmental Protection Agency
Procurement Section H
401 M Street, S.W. (PM-214-F)
Washington, D.C. 20460

6. ADMINISTERED BY (If other than block 5) — CODE

7. CONTRACTOR NAME AND ADDRESS — CODE — FACILITY CODE
Riedel Environmental Services
P. O. Box 3320
Portland, OR 97208
(Street, city, county, state, and ZIP Code)

8. [ ] AMENDMENT OF SOLICITATION NO. _____
DATED _____ (See block 9)
[X] MODIFICATION OF CONTRACT/ORDER NO. 68-01-6860
D.O. 6860-07-026
DATED 7/21/86 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS

[ ] The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods: (a) By signing and returning copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)

					Obligate
C-1	68/20X8145	XMX192	PSFA07ME8D	25.35	$55,843.00

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS

(a) [ ] This Change Order is issued pursuant to _____
The Changes set forth in block 12 are made to the above numbered contract/order.

(b) [ ] The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.

(c) [X] This Supplemental Agreement is entered into pursuant to authority of Article VII, Section I of the Contract. modification
It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION

The purpose of this modification is to increase the delivery order ceiling amount. This modification increases the amount obligated by $55,843.00 to the delivery order.

ACCORDINGLY:

1. Block 5, Delivery Order Ceiling Amount, as set forth in the basic delivery order: DELETE: $11,500.00 and in lieu thereof INSERT: $67,343.00

2. Except as expressly specified above, all other terms and conditions remain unchanged and in full force and effect.

3. The effective date of this modification is the date signed by the Contracting Officer.

Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13. [X] CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT [ ] CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN _____ COPIES TO ISSUING OFFICE

14. NAME OF CONTRACTOR/OFFEROR	17. UNITED STATES OF AMERICA
BY _____ (Signature of person authorized to sign)	BY Calvin C. McWhirter (Signature of Contracting Officer)

15. NAME AND TITLE OF SIGNER (Type or print)	16. DATE SIGNED	18. NAME OF CONTRACTING OFFICER (Type or print)	19. DATE SIGNED
		CALVIN C. McWHIRTER	30 Sept 1986

30-101

STANDARD FORM 30 (REV. 10-85)
GENERAL SERVICES ADMINISTRATION
FED PROC REG (41 CFR) 53.243

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

PAGE 1 OF 1

1. AMENDMENT/MODIFICATION NO.	2. EFFECTIVE DATE	3. REQUISITION/PURCHASE REQUEST NO.	4. PROJECT NO. (If applicable)
TWO (2)	See Below	WA97-016	

5. ISSUED BY CODE

Environmental Protection Agency
Procurment Section H
401 M Street, S.W. (PM-214-F)
Washington, D.C. 20460

6. ADMINISTERED BY (If other than block 5) CODE

7. CONTRACTOR NAME AND ADDRESS CODE FACILITY CODE

(Street, city, county, state, and ZIP Code)
Riedel Environmental Services
P. O. Box 3320
Portland, OR 97208

8.
☐ AMENDMENT OF SOLICITATION NO. _____
DATED _____ (See block 9)
☒ MODIFICATION OF CONTRACT/ORDER NO. 68-01-6860
D.O. 6860-07-026
DATED 7/21/86 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods: (a) By signing and returning _____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS

(a) ☐ This Change Order is issued pursuant to _____

The Changes set forth in block 12 are made to the above numbered contract/order.

(b) ☐ The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.

(c) ☒ This Modification is entered into pursuant to authority of ARTICLE VII, Section J of the Contract

It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION

The purpose of this modification is to extend the work completion date. This modification does not increase the ceiling amount of the delivery order.

ACCORDINGLY:

1. Block #11, Required Work Completion Date, as set forth in the basic delivery order: DELETE: "August 21, 1986" and in lieu thereof INSERT: "November 30, 1986".

2. Except as expressly specified above, all other terms and conditions remain unchanged and in full force and effect.

Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13. ☐ CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT ☒ CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN _____ COPIES TO ISSUING OFFICE

14. NAME OF CONTRACTOR/OFFEROR
BY _____ (Signature of person authorized to sign)

15. NAME AND TITLE OF SIGNER (Type or print)
John C. L. Hopkins

16. DATE SIGNED

17. UNITED STATES OF AMERICA
BY Calvin C. McWhirter (Signature of Contracting Officer)

18. NAME OF CONTRACTING OFFICER (Type or print)

19. DATE SIGNED

STANDARD FORM 30, JULY 1966
GENERAL SERVICES ADMINISTRATION
FED. PROC. REG. (41 CFR) 1-16.101

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

PAGE 1 OF 1

1. AMENDMENT/MODIFICATION NO.	2. EFFECTIVE DATE	3. REQUISITION/PURCHASE REQUEST NO.	4. PROJECT NO. (If applicable)
THREE (3)	See Below	WA97-H057	

5. ISSUED BY CODE

Environmental Protection Agency
Procurement Section H
401 M Street, S.W. (PM-214-F)
Washington, D.C. 20460

6. ADMINISTERED BY (If other than block 5) CODE

7. CONTRACTOR NAME AND ADDRESS CODE FACILITY CODE

(Street, city, county, state, and ZIP Code)

Riedel Environmental Services
P. O. Box 3320
Portland, OR 97208

8. ☐ AMENDMENT OF SOLICITATION NO. _____

DATED _____ (See block 9)

☒ MODIFICATION OF CONTRACT/ORDER NO. 68-01-6860
D.O. 6860-07-026
DATED 7/21/86 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods: (a) By signing and returning _____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)

				DEOBLIGATE
68/20X8145	XMX192	PSFA07ME8D	25.35	$11,500.00

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS

(a) ☐ This Change Order is issued pursuant to _____

The Changes set forth in block 12 are made to the above numbered contract/order.

(b) ☐ The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.

(c) ☒ This Supplemental Agreement is entered into pursuant to authority of Article VII and the mutual agreement of the parties

It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION

The purpose of this modification is to decrease the delivery order ceiling amount. This modification decreases the amount obligated by $11,500.00 to the delivery order.

ACCORDINGLY:

1. Block 5, DELIVERY ORDER CEILING AMOUNT, as set forth in the original delivery order and modified through Modification One: DELETE: $67,343.00 and in lieu thereof INSERT: $55,843.00.

2. Except as expressly specified above, all other terms and conditions remain unchanged and in full force and effect.

3. The effective date of this modification is the date signed by the Contracting Officer.

Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13. ☐ CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT ☒ CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE

14. NAME OF CONTRACTOR/OFFEROR

BY _____ (Signature of person authorized to sign)

15. NAME AND TITLE OF SIGNER (Type or print)
John G. L. Hopkins
Zone Program Manager, Zone IV

16. DATE SIGNED 12-3-86

17. UNITED STATES OF AMERICA

BY _____ (Signature of Contracting Officer)

18. NAME OF CONTRACTING OFFICER (Type or print)
CALVIN C. McWHIRTER

19. DATE SIGNED 12 Dec 1986

30-101

☆U.S. GOVERNMENT PRINTING OFFICE: 1981— 341-526/7127

STANDARD FORM 30, JULY 1966
GENERAL SERVICES ADMINISTRATION
FED. PROC. REG. (41 CFR) 1-16.101

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. AMENDMENT/MODIFICATION NO.	2. EFFECTIVE DATE	3. REQUISITION/PURCHASE REQUEST NO.	4. PROJECT NO. (If applicable)
FOUR (4)	11/30/86	WA97-H114	

5. ISSUED BY CODE
Environmental Protection Agency
Procurement Section H
401 M Street, S.W. (PM-214-F)
Washington, D.C. 20460

6. ADMINISTERED BY (If other than block 5) CODE

7. CONTRACTOR NAME AND ADDRESS CODE FACILITY CODE
(Street, city, county, state, and ZIP Code)
Riedel Environmental Services
P. O. Box 3320
Portland, OR 97208

8. ☐ AMENDMENT OF SOLICITATION NO. —
DATED (See block 9)
☒ MODIFICATION OF CONTRACT/ORDER NO. 68-01-6860
D.O. 6860-07-026
DATED 7/21/86 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS
☐ The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:
(a) By signing and returning ____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)
N/A

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS
(a) ☐ This Change Order is issued pursuant to ____
The Changes set forth in block 12 are made to the above numbered contract/order.
(b) ☐ The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.
(c) ☒ This Supplemental Agreement is entered into pursuant to authority of Article VII, Section J of the Contract
It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION

The purpose of this modification is to extend the work completion date. This modification does not increase the ceiling amount of the delivery order.

ACCORDINGLY:

1. Block 11, Required Work Completion Date, as set forth in the basic delivery order and modified through Modification Two: DELETE: "November 30, 1986" and in lieu thereof INSERT: "February 28, 1987."

2. Except as expressly specified above, all other terms and conditions remain unchanged and in full force and effect.

Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13. ☐ CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT ☒ CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE

14. NAME OF CONTRACTOR/OFFEROR
BY [signature] (Signature of person authorized to sign)

17. UNITED STATES OF AMERICA
[signature] (Signature of Contracting Officer)

15. NAME AND TITLE OF SIGNER (Type or print)	16. DATE SIGNED	18. NAME OF CONTRACTING OFFICER (Type or print)	19. DATE SIGNED
John G. L. Hopkins Zone Program Manager, Zone IV	1-29-87	CALVIN C. McWHIRTER	5 Feb 1987

☆U.S. GOVERNMENT PRINTING OFFICE: 1981 — 341-526/7127

A -Non-Construction, Cooperative Agreement

U.S. ENVIRONMENTAL PROTECTION AGENCY
EPA ASSISTANCE AGREEMENT/AMENDMENT
PART I - ASSISTANCE NOTIFICATION INFORMATION

1. ASSISTANCE ID NO.	2. LOG NUMBER
V-7321 01 0	Seven-V-007
3. DATE OF AWARD	**4. MAILING DATE**
March 30, 1988	April 6, 1988

5. AGREEMENT TYPE		6. PAYMENT METHOD	7. TYPE OF ACTION
Cooperative Agreement	X	☐ Advance ☐ Reimbursement ☒ Letter of Credit	
Grant Agreement	NA	Send Payment Request To: FNMG EPA Region VII	NEW
Assistance Amendment	NA		

RECIPIENT ORGANIZATION

8. RECIPIENT
Missouri Department of Natural Resources
P. O. Box 176
Jefferson, Missouri 65102

9. PAYEE
Missouri Department of Natural Resources
P. O. Box 176
Jefferson City, Missouri 65102

EIN NO. 69-043001-081
CONGRESSIONAL DISTRICT Four

10. RECIPIENT TYPE State

11. PROJECT MANAGER AND TELEPHONE NO.
Keith Schardein
Project Manager
314-751-2919

12. CONSULTANT *(WWT Construction Grants Only)*
N/A

EPA CONTACT

13. ISSUING OFFICE *(City/State)*
Grants Administration, Region VII
Environmental Protection Agency
726 Minnesota Avenue
Kansas City, Kansas 66101

14. EPA PROJECT/STATE OFFICER AND TELEPHONE NO.
Gene Gunn
Project Manager
913-236-2856

15. EPA CONGRESSIONAL LIAISON & TEL. NO. Pat Gaskins 202/382-5184

16. STATE APPL ID *(Clearinghouse)* NA

17. FIELD OF SCIENCE NA

18. PROJECT STEP *(WWT CG Only)* NA

19. STATUTORY AUTHORITY
P.L. 99-499, as amended

20. REGULATORY AUTHORITY
Title 40,
Parts 30, 33

21. STEP 2 + 3 & STEP 3 *(WWT Construction Only)*

a. Treatment Level	NA
b. Project Type	NA
c. Treatment Process	NA
d. Sludge Design	NA

22. PROJECT TITLE AND DESCRIPTION
Management Assistance at Federal-Lead Superfund Sites
Cooperative Agreement

Non-Construction

23. PROJECT LOCATION *(Areas Impacted by Project)*

City/Place	County	State	Congressional District
Statewide	Statewide	MO	Statewide

24. ASSISTANCE PROGRAM *(CFDA Program No. & Title)* 66.802 Superfund

25. PROJECT PERIOD 4/1/88-3/31/93

26. BUDGET PERIOD 4/1/88-3/31/89

27. COMMUNITY POPULATION *(WWT CG Only)* NA

28. TOTAL BUDGET PERIOD COST $100,608

29. TOTAL PROJECT PERIOD COST $281,063

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
30. EPA Amount This Action	N/A	100,000	N/A
31. EPA In-Kind Amount	N/A	N/A	N/A
32. Unexpended Prior Year Balance	N/A	N/A	N/A
33. Other Federal Funds	N/A	N/A	N/A
34. Recipient Contribution	N/A	N/A	N/A
35. State Contribution	N/A	608	N/A
36. Local Contribution	N/A	N/A	N/A
37. Other Contribution	N/A	N/A	N/A
38. Allowable Project Cost	N/A	100,608	N/A

39. FISCAL

Program Element	FY	Appropriation	Doc. Control No.	Account Number	Object Class	Obligation/Deoblig. Amount
QFAY98	88	68-20X8145	W20122	8TFA07WLZZ	41.85	100,000

PART II–APPROVED BU[illegible] ASSISTANCE IDE[illegible]ICATION NO. V007321 01

TABLE A – OBJECT CLASS CATEGORY (Non–construction)	TOTAL APPROVED ALLOWABLE BUDGET PERIOD COST
1. PERSONNEL	62,316
2. FRINGE BENEFITS	17,075
3. TRAVEL	7,107
4. EQUIPMENT	
5. SUPPLIES	
6. CONTRACTUAL	
7. CONSTRUCTION	
8. OTHER	988
9. TOTAL DIRECT CHARGES	87,486
10. INDIRECT COSTS: RATE 15 % BASE Total Direct Charges	13,122
11. TOTAL (Share: Recipient 1 %. Federal 99 %.)	100,608
12. TOTAL APPROVED ASSISTANCE AMOUNT	$ 100,000
TABLE B – PROGRAM ELEMENT CLASSIFICATION (Non–construction)	
1. Management Assistance during:	
2. RI/FS	62,890
3. Remedial Design	16,036
4. Remedial Action Recipient's Share 10 %	608
5. Federal Share 90%	5,479
6. Removal	15,595
7.	
8.	
9.	
10.	
11.	
12. TOTAL (Share: Recipient 1 %. Federal 99 %.)	
13. TOTAL APPROVED ASSISTANCE AMOUNT	$ 100,608
TABLE C – PROGRAM ELEMENT CLASSIFICATION (Construction)	
1. ADMINISTRATION EXPENSE	
2. PRELIMINARY EXPENSE	
3. LAND STRUCTURES, RIGHT–OF–WAY	
4. ARCHITECTURAL ENGINEERING BASIC FEES	
5. OTHER ARCHITECTURAL ENGINEERING FEES	
6. PROJECT INSPECTION FEES	
7. LAND DEVELOPMENT	
8. RELOCATION EXPENSES	
9. RELOCATION PAYMENTS TO INDIVIDUALS AND BUSINESSES	
10. DEMOLITION AND REMOVAL	
11. CONSTRUCTION AND PROJECT IMPROVEMENT	
12. EQUIPMENT	
13. MISCELLANEOUS	
14. TOTAL (Lines 1 thru 13)	
15. ESTIMATED INCOME (If applicable)	
16. NET PROJECT AMOUNT (Line 14 minus 15)	
17. LESS: INELIGIBLE EXCLUSIONS	
18. ADD: CONTINGENCIES	
19. TOTAL (Share: Recipient ____ %. Federal ____ %.)	
20. TOTAL APPROVED ASSISTANCE AMOUNT	$

PART III—AWARD CONDITIONS

a. GENERAL CONDITIONS

The recipient covenants and agrees that it will expeditiously initiate and timely complete the project work for which assistance has been awarded under this agreement, in accordance with all applicable provisions of 40 CFR Chapter I, Subpart B. The recipient warrants, represents, and agrees that it, and its contractors, subcontractors, employees and representatives, will comply with: (1) all applicable provisions of 40 CFR Chapter I, Subchapter B, INCLUDING BUT NOT LIMITED TO the provisions of Appendix A to 40 CFR Part 30, and (2) any special conditions set forth in this assistance agreement or any assistance amendment pursuant to 40 CFR 30.425.

b. SPECIAL CONDITIONS

(For cooperative agreements include identification or summarization of EPA responsibilities that reflect or contribute to substantial involvement.)

MANAGEMENT ASSISTANCE COOPERATIVE AGREEMENT

SPECIAL CONDITIONS

1. This Cooperative Agreement is entered into pursuant to Section 104 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), 42 U.S.C. 9601 et seq., as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA). This Cooperative Agreement is awarded in accordance with the Federal Grant and Cooperative Agreement Act of 1977.

2. Recipient's standards of administration, property management, procurement, and financial management, as well as records and facilities of recipients, their contractors and subcontractors are subject to audit and inspection by the Comptroller General of the United States and the U. S. Environmental Protection Agency (EPA) in accordance with the Office of Management and Budget Circulars A-128, A-102, A-87 and 40 CFR Parts 30, 33, and 35.

3. This Agreement is subject to the procurement standards of Title 40 of the Code of Federal Regulations Part 33. Recipients agree that any solicitation documents and proposed contracts for procurement of equipment, supplies, or services over $10,000 under this award Agreement will be submitted to EPA Grants Administration for review and approval prior to the solicitation action and the award of the contract. The recipient must submit EPA Form 5700-41, Cost or Price Summary, for all contracts.

4. In accepting this Cooperative Agreement, the recipient agrees to the following conditions for the letter of credit method of financing:

   a. Cash drawdowns will occur only when needed for disbursements.

   b. Timely reporting of cash disbursements and balances will be provided as required by the EPA Letter of Credit Users Manual.

   c. The same standards of timing and reporting will be imposed on secondary recipients, if any.

   d. When a drawdown under the Letter of Credit occurs, the recipient will show on the voucher (Form TFCS-5805) the Cooperative Agreement number, the appropriate EPA account number, and the ~~drawdown amount applicable to each site~~/

activity account. The account codes shown below also are applicable when a State provides management assistance during a Federal-lead remedial response activity.

For example, when a State provides management assistance during an RI/FS, the State should charge all activities to the "L" account, or management assistance during remedial design to the "N" account, and so on for each activity during site response. The eighth digit of the account number is the code to the appropriate activity assignment.

J - Pre-Remedial
L - Remedial Investigation/Feasibility Study
N - Remedial Design
R - Remedial Action
S - Operation and Maintenance
E - Removal Actions
3 - State Liason
7 - General Support and Management

e. When funds for a specific activity have been exhausted but the work under the activity has not been completed, the recipient may not drawdown from another acitivty or site account without written permission from the EPA Award Official.

f. Funds remaining in an account after completion of an activity may be either returned to EPA or adjusted to another activity or site, at EPA's discretion.

g. Financial Status Reports (SF-269s) are to be submitted to an EPA Award Official, and report information on a site and activity specific basis by object class breakdown as follows:

- Within 90 days after the close of each budget period. If the budget period is longer than one year the report must be submitted annually, based on the anniversary date of the award;

- Within 90 days after the completion of an activity, as listed in (d) above;

- Within 90 days after the end of the overall Cooperative Agreement.

Failure on the part of the recipient to comply with the above conditions may cause the unobligated portions of the letter of credit to be revoked and the financing method changed to a reimbursable basis.

5. Indirect costs under this Agreement will be charged at the approved indirect rate for the year in which funds are actually expended and in accordance with the negotiated indirect cost Agreement.

All indirect cost records will be kept in accordance with the record retention special condition in this Agreement.

6. The recipient hereby agrees to take the affirmative steps listed in 40 CFR Part 33.240, to assure that small, minority and women businesses are used when possible as sources when procuring supplies, equipment, construction and services related to this award Agreement. In accordance with this regulation, the recipient agrees to include information about these requirements in solicitation documents.

   The recipient agrees to negotiate a fair-share dollar objective with the EPA Grants Administration minority business officer prior to a procurement action for all proposed subagreement work under this Cooperative Agreement. The recipient further agrees to demonstrate positive efforts to attain the fair share objective. The recipient agrees to submit to the Grants Administration office, a completed SF 334 reporting minority and women business utilization, within 15 days after the end of each Federal fiscal quarter. Reporting must continue for each Federal fiscal quarter thereafter until award of the last subagreement for the activity or tasks identified in the Cooperative Agreement.

7. In accordance with Section 2(d) of the Prompt Payment Act (PL 97-177), Federal funds may not be used by the recipient for the payment of interest penalties to contractors when bills are paid late, nor may interest penalties be used to satisfy cost-sharing requirements. Obligations to pay such interest penalties will not be obligations of the United States.

8. No portion of this award may be used for lobbying or propaganda purposes as prohibited by 18 USC Section 1913 or by Section 607(a) of Public Law 96-74.

9. Recipient agrees to maintain a financial cost accounting system which meets the requirements of 40 CFR 30.510. Recipient will maintain an accounting system that will document all Superfund costs, including costs of subagreements and identify these costs by the EPA Cooperative Agreement Identification Number. Costs entered into the system should be classified by the standard object class categories used in the Cooperative Agreement. Where appropriate, costs should also be documented site-specifically.

   The recipient must develop and implement procedures to control the receipt, obligation, and disbursement of funds, and must provide for system audits and internal reporting of financial status on a regular basis. If the recipient is charging indirect costs, the methodology used and the rate must be negotiated, approved, and periodically audited.

   The recipient must support all entries in its accounting system by maintaining appropriate source documentation and records. Supporting documentation may originate from either within or

outside the State office, but must include complete records that explain each transaction.

10. In accordance with 40 CFR Parts 30 and 33, the recipient will retain records generated under this Cooperative Agreement for three years from the date of submission of the final Financial Status Report or until any litigation, audit, claim or cost recovery actions begun during the project are resolved, whichever is longer. The recipient will contact EPA Grants Administration in advance of the proposed disposition of any records from the file developed for this project. No files or documents concerning this Cooperative Agreement shall be disposed of without notifying EPA in advance. Upon notification, EPA may require that the documents be retained by the recipient for an additional specified period.

    Alternatively, EPA may require that the documents be transferred to EPA for retention. Recipient and the recipient's contractor files, and any additional documentation for cost recovery purposes, can be retained in microform, if the documents are suitable for microform copying and if the microform can b produced as an accurate hard copy version of the origina recipient or its contractor will obtain EPA approval of before copying or disposal of the original documenta documents must be retained for those types o e not capable of being completely and accurate s large documents, photographs or blu also will notify EPA of any notificat ived from a recipient's contractor rements for retention or dispos as with recipient records.

11. The recipient agrees to li rty in the recipient's property management standards contain followed. Property inventory ith 40 CFR 30.505. Disposition of ce with 40 CFR 30.532. In accorda PA reserves the right to transfer title to su when it is no longer needed for this project.

12. Recipient agrees to submit progress the EPA Cooperative Agreement Project Officer within following the end of each Federal fiscal quarter. These re s shall include a narrative summary of activities conducted to date, to meet the overall goals and objectives of this Agreement and associated schedules provided in the work plan approved by EPA.

13. The State has agreed to conduct the management assistance activities covered by this Agreement. The State understands that EPA funding for State management assistance does not change the contractual relationship between EPA (or the U.S. Army Corps of Engineers (COE)) and the response contractor. The State may not direct the work of EPA (or the COE) and/or its response contractors and subcontractors.

14. CERCLA Section 104(c)(4) requires that CERCLA-funded actions provide a cost-effective response, balancing the need for protection of public health, welfare, and the environment against the availability of amounts from the fund to respond at other sites. If the State requests additional fund-financed response at the site, EPA will evaluate the request against available fund monies to determine whether it is appropriate. This Cooperative Agreement does not commit EPA to future funding for response actions at the site.

15. All activities conducted under this Cooperative Agreement shall be consistent with the National Contingency Plan (NCP), 40 CFR Part 300.

16. Nothing contained in this Agreement shall be construed to create, either expressly or by implication, the relationship of agency between EPA and the State. Any standards, procedures, or protocols prescribed in this Agreement to be followed by the State during the performance of its obligations under this Agreement are to assure the quality of the final product of the actions contemplated by this Agreement, and do not constitute a right to control the actions of the State. EPA (including its employees and contractors) is not authorized to represent or act on behalf of the State in any matter relating to this Agreement, and the State (including its employees and contractors) is not authorized to represent or act on behalf of EPA in any matter related to this Agreement. Neither EPA nor the State shall be liable for the contracts, acts errors, or omissions of the agents, employees, or contractors of the other party entered into, committed, or performed with respect to or in the performance of, this Agreement.

17. The State agrees that no human subject testing or health effects analyses may be funded under this Agreement. Any CERCLA health-related activities must be coordinated with the United States Department of Health and Human Services, pursuant to Sections 104(b) and 104(i) of CERCLA.

18. This Agreement is intended to benefit only the State and EPA. It extends no benefit or rights to any party not a signatory to this Agreement. In addition, EPA does not assume any liability to third parties with respect to losses due to bodily injury or property damages that exceed the limitations contained in the provisions of 28 U.S.C. Section 1346(b), 2671-2680. To the extent permitted by State law, the State does not assume liability to any third partices with respect to losses due to bodily injury or property damage.

19. Unexpended balances remaining at the end of the budget period may be used as additional funding or partial payment of activities for the next budget period. EPA will consider amendments to add funds to this Agreement for the next fiscal year, subject to the availability of appropriated funds.

20. EPA agrees to submit four copies of all documents subject to management assistance under this Cooperative Agreement to the recipient allowing sufficient time for review and comment. The recipient will review the documents subject to this Cooperative Agreement and provide comments to EPA in a timely manner and as agreed to by the EPA and the recipient. The number of copies provided by EPA can be reduced when agreed to by EPA and the recipient.

21. The EPA Remedial Project Manager (RPM) or his/her designee will conduct periodic reviews and visits to evaluate project activities to assure compliance with applicable EPA requirements and regulations. The State Project Officer (SPO) agrees to ensure that schedules and reporting requirements are met or that any changes are agreed to by EPA. All State-proposed modifications to schedules or activities will be reported to the EPA Cooperative Agreement Project Officer for review and concurrence. The EPA Cooperative Agreement Project Officer agrees to notify the SPO of schedule changes resulting from EPA enforcement activities.

22. The State agrees to satisfy all Federal, State, and local requirements, including permits and approvals, necessary for implementing activities addressed in this Cooperative Agreement. The State will provide access to the site as well as all rights-of-way and easements necessary to complete the response actions. The State will provide access to EPA employees and contractors at all reasonable times. The State may not approve any compensation to property owners without EPA approval.

23. The State will allow public access to its records in accordance with the provisions of Chapter 610 Revised Statutes of Missouri (RSMO) and Section 260.430 of the Hazardous Waste management law of 1980. The EPA will allow public access to its records in accordance with the procedures established under the Freedom of Information Act (Public Law 93-502), regulations promulgated pursuant thereto, and Agency guidance. Both parties agree to protect each other's claim for confidentiality, particularly with regard to documents related to pending or ongoing enforcement actions, generated by either the State of EPA.

At EPA's request and to the extent allowed by State law, the State shall make available to EPA any information in its possession concerning the site. At the State's request and to the extent allowed by Federal law, EPA shall make available to the State any information in its possession concerning the site. If any information is provided to EPA by the State under a claim of confidentiality, it will be treated in accordance with 40 CFR Part 2 if the State has given EPA notice of the claim of confidentiality. The EPA will not disclose information submitted under a claim of confidentiality unless EPA is required to do so by Federal law and has given the State advance notice of EPA's intent to release the information. Absent notice of such claim, EPA may make said information available to the public without further notice.

24. The EPA and the State agree that, with respect to the claims which each may be entitled to assert against any third party (herein referred to as the "responsible party," whether one or more) for reimbursement of any services, materials, or monies or other thing of value expended by EPA or the State for response activity at the site described in this Agreement, neither EPA nor the State will enter into a settlement with or initiate a judicial or administrative proceeding against a responsible party for the recovery of such sums except after having given notice in writing to the other party to this Agreement not less that 30 days in advance of the date of the proposed settlement or commencement of the proposed judicial or administrative proceedings. Neither party to this Agreement shall attempt to negotiate for, nor collect reimbursement of, any response costs on behalf of the other party, and authority to do so is hereby expressly negated and denied.

The EPA and the State agree that they will cooperate and coordinate in efforts to recover their respective costs of response actions taken at the site described herein, including the negotiation of settlement and the filing and management of any judicial actions against potentially responsible parties. This shall include coordination in the use of evidence and witnesses available to each in the preparation and presentation of any cost recovery action, excepting any documents or information which may be confidential under the provisions of any applicable State of Federal law or regulation.

The EPA and the State agree that any judicial action taken by either party against a potentially responsible party pursuant to CERCLA for recovery of any sums expended in response actions at the site described herein, shall be filed in the United States District Court for the judicial district in which the site described in this Agreement is located, or in such other judicial district of the United States District Court as may be authorized by Section 113 of CERCLA, and agreed to in writing by the parties of this Agreement.

The award of this Agreement does not constitute a waiver of EPA's right to bring an action against any person or persons for liability under Section 106 or 107 of CERCLA, or any other statutory provision or common law.

Any recovery under the authority of CERCLA, SARA, and pursuant regulations achieved by the State pursuant to settlement, judgement, or consent decree or any action against any of the responsible parties will be shared with EPA in proportion to EPA's contribution to the site response activities under CERCLA.

V007321 01

ASSISTANCE IDENTIFIC NO.

b. SPECIAL CONDITIONS (Continued)

PART IV

NOTE: The Agreement must be completed in duplicate and the Original returned to the Grants Administration Division for Headquarters awards and to the appropriate Grants Administrations Office for State and local awards within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA.

Receipt of a written refusal or failure to return the properly executed document within the prescribed time, may result in the withdrawal of the offer by the Agency. Any change to the Agreement by the recipient subsequent to the document being signed by the EPA Award Official which the Award Official determines to materially alter the Agreement shall void the Agreement.

OFFER AND ACCEPTANCE

The United States of America, acting by and through the U.S. Environmental Protection Agency (EPA), hereby offers assistance/amendment to the Missouri Department of Natural Resources (RECIPIENT ORGANIZATION) for 99 % of all approved costs incurred up to and not exceeding $ 100,000 (ASSISTANCE AMOUNT) for the support of approved budget period effort described in application *(including all application modifications)* Management Assistance at Superfund Sites 3-17-88 (DATE AND TITLE) included herein by reference.

ISSUING OFFICE *(Grants Administration Office)*	AWARD APPROVAL OFFICE
ORGANIZATION/ADDRESS Grants Administration, Region VII U.S. Environmental Protection Agency 726 Minnesota Avenue Kansas City, Kansas 66101	ORGANIZATION/ADDRESS Office of Regional Administrator, Region VII U.S. Environmental Protection Agency 726 Minnesota Avenue Kansas City, Kansas 66101

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL	TYPED NAME AND TITLE	DATE
	Morris Kay, Regional Administrator	3-30-88

This Agreement is subject to applicable U.S. Environmental Protection Agency statutory provisions and assistance regulations. In accepting this award or amendment and any payments made pursuant thereto, (1) the undersigned represents that he is duly authorized to act on behalf of the recipient organization, and (2, the recipient agrees (a) that the award is subject to the applicable provisions of 40 CFR Chapter I, Subchapter B and of the provisions of this agreement (Parts I thru IV), and (b) that acceptance of any payments constitutes an agreement by the payee that the amounts, if any found by EPA to have been overpaid will be refunded or credited in full to EPA.

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
	Frederick A. Brunner, Ph.D., Director	5/3/88

U.S. ENVIRONMENTAL PROTECTION AGENCY

ASSISTANCE AMENDMENT

(Optional)

(Please read instructions on reverse)

ASSISTANCE I.D. NO. V007321 01

AMENDMENT NO. 1

NOTE: The original Amendment with one copy must be executed and returned to the Grants Administration Division for Headquarters assistance awards and to the Grants Administration Branches for State and local assistance awards within 3 weeks after receipt or within any extension of time as may be granted in writing by EPA. Except as may be otherwise provided, no costs as a result of the Amendment may be incurred prior to the execution of the Assistance Amendment by the parties thereto.

Receipt of a written refusal, or failure to receive the properly executed document within the prescribed time will result in the termination of consideration of the Assistance Amendment by EPA.

GENERAL INFORMATION

APPROPRIATION AND ACCOUNTING DATA

APPROPRIATION NUMBER	ACCOUNT NUMBER	OBJECT CLASS CODE
NA	NA	NA

DESCRIPTION OF AMENDMENT: PURSUANT TO EPA ASSISTANCE REGULATION 40 CFR 30.900 "PROJECT CHANGES AND ASSISTANCE MODIFICATIONS" AND 40 CFR 30.900-1 "FORMAL ASSISTANCE AMENDMENTS," THE ABOVE NUMBERED ASSISTANCE AGREEMENT IS AMENDED AS FOLLOWS:

Refer to Cooperative Agreement dated March 30, 1988. This amendment deletes the special condition noted and replaces it with the revised condition as follows:

SPECIAL CONDITION 4.(d.)

When a drawdown under the Letter of Credit occurs, the recipient will show on the voucher (Form TFCS-5805) the Cooperative Agreement number and the appropriate EPA account number. The account code shown below also is applicable when a State provides management assistance during a Federal-lead remedial response activity.

7 - General Support and Management

SPECIAL CONDITION 4.(g.)

Financial Status Reports (SF-269s) are to be submitted to an EPA award official, and report information on a site and activity specific basis by object class breakdown as follows:

Continued-

AWARD APPROVAL OFFICE	ISSUING OFFICE
ORGANIZATION Office of Regional Administrator, Region VII	ORGANIZATION Grants Administration, Region VII
ADDRESS U.S. Environmental Protection Agency 726 Minnesota Avenue Kansas City, Kansas 66101	ADDRESS U.S. Environmental Protection Agency 726 Minnesota Avenue Kansas City, Kansas 66101

RECIPIENT ORGANIZATION

NAME	ADDRESS
Missouri Department of Natural Resources	P. O. Box 176 Jefferson City, Missouri 65102

Except as provided herein all terms and conditions of the basic assistance agreement, including prior amendments, remain unchanged and in full force and effect and subject to all applicable provisions of 40 CFR Chapter 1, Subpart B.

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL	TYPED NAME AND TITLE	DATE
William Rice for -	Morris Kay, Regional Administrator	5/24/88

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
Ron Riccera for	Frederick A. Brunner, Ph.D.	6/17/88

EPA Form 5700-20B (Rev. 11-79) PREVIOUS EDITION IS OBSOLETE.

- Within 90 days after the close of each budget period. If the budget period is longer than one year the report must be submitted annually, based on the anniversary date of the award.

- Within 90 days after the end of the overall Cooperative Agreement.

SPECIAL CONDITION 12

12. Recipient agrees to submit reasonable estimated amounts of costs incurred on the progress reports to the EPA Cooperative Agreement Project Officer within 45 days following the end of each Federal fiscal quarter. The costs are to be reported on a site specific basis and by object class. These progress reports shall also include a narrative summary of activities conducted to date, to meet the overall goals and objectives of this agreement and associated schedules provided in the work plan approved by EPA.

Non-Construction

U.S. ENVIRONMENT[illegible]OTECTION AGENCY
EPA ASSISTANCE AG[illegible]EMENT/AMENDMENT
PART I - ASSISTANCE NOTIFICATION INFORMATION

1. ASS[illegible]ANCE ID NO. 321 01 2	2. LOG NUMBER Seven-V-012
3. DATE OF AWARD Jun. 28, 1989	4. MAILING DATE Jul. 5, 1989

5. AGREEMENT TYPE		6. PAYMENT METHOD	
Cooperative Agreement	XX	☐ Advance ☐ Reimbursement ☐ Letter of Credit	
Grant Agreement	NA	Send Payment Request To: FNMG EPA Region VII	7. TYPE OF ACTION Increase
Assistance Amendment	XX		

RECIPIENT ORGANIZATION

8. RECIPIENT
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, Missouri 65102

9. PAYEE
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, Missouri 65102

EIN NO. 69-0430001-081
CONGRESSIONAL DISTRICT Four
10. RECIPIENT TYPE State

11. PROJECT MANAGER AND TELEPHONE NO.
Kay Newberry
Project Manager
(314) 751-2919

12. CONSULTANT (WWT Construction Grants Only)
NA

EPA CONTACT

13. ISSUING OFFICE (City/State)
Grants Administration, Region VII
Environmental Protection Agency
726 Minnesota Avenue
Kansas City, Kansas 66101

14. EPA PROJECT/STATE OFFICER AND TELEPHONE NO.
Greg Ressor
Project Manager
(913) 236-2856

15. EPA CONGRESSIONAL LIAISON & TEL. NO.
Pat Gaskins (202) 382-5184

16. STATE APPL ID (Clearinghouse)
89020037

17. FIELD OF SCIENCE
NA

18. PROJECT STEP (WWT CG Only)
NA

19. STATUTORY AUTHORITY
Public Law 99-499
as amended

20. REGULATORY AUTHORITY
Title 40
Parts 30 33, and 35

21. STEP 2 + 3 & STEP 3 (WWT Construction Only)

a. Treatment Level	NA
b. Project Type	NA
c. Treatment Process	NA
d. Sludge Design	NA

22. PROJECT TITLE AND DESCRIPTION

Management Assistance at Federal-Lead Superfund Sites
Cooperative Agreement
Non-Construction

23. PROJECT LOCATION (Areas Impacted by Project)

City/Place	County	State	Congressional District
Statewide	Statewide	MO	Statewide

24. ASSISTANCE PROGRAM (CFDA Program No. & Title)	25. PROJECT PERIOD	26. BUDGET PERIOD
66.802 Superfund	04/01/88-03/31/93	04/01/88-03/31/93

27. COMMUNITY POPULATION (WWT CG Only)	28. TOTAL BUDGET PERIOD COST	29. TOTAL PROJECT PERIOD COST
NA	$493,832	$495,915

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
30. EPA Amount This Action	$100,000	$393,832	$493,832
31. EPA In-Kind Amount	NA	NA	NA
32. Unexpended Prior Year Balance	NA	NA	NA
33. Other Federal Funds	NA	NA	NA
34. Recipient Contribution	NA	NA	NA
35. State Contribution	608	1,475	2,083
36. Local Contribution	NA	NA	NA
37. Other Contribution	NA	NA	NA
38. Allowable Project Cost	$100,000	$395,307	$495,915

39. FISCAL

Program Element	FY	Appropriation	Doc. Control No.	Account Number	Object Class	Obligation/Deoblig. Amount
		SEE	NEXT	PAGE		

EPA Form 5700-20A (Rev. 5-82) Replaces previous editions and EPA Forms 5700-1A, B, C, and D, all of which are obsolete.

Missouri Department of
Natural Resources
Cooperative Agreement No.: V007321 01
Continued

TFAY9A	89	68-20X8145	W20760	9TFA07W944	41.85	16,939
TFAY9A	89	68-20X8145	W20761	9TFA07W9N6	41.85	9,751
TFAY9A	89	68-20X8145	W20762	9TFA07W945	41.85	23,998
TFAY9A	89	68-20X8145	W20763	9TFA07W936	41.85	4,665
TFAY9A	89	68-20X8145	W20764	9TFA07W9DP	41.85	16,939
TFAY9A	89	68-20X8145	W20765	9TFA07W981	41.85	15,226
TFAY9A	89	68-20X8145	W20766	9TFA07W940	41.85	17,614
TFAY9A	89	68-20X8145	W20767	9TFA07W962	41.85	25,936
TGBY3A	89	68-20X8145	W20768	9TGB07W44J	41.85	13,705
TGBY3A	89	68-20X8145	W20769	9TGB07W4A4	41.85	7,864
TGBY3A	89	68-20X8145	W20770	9TGB07W4AL	41.85	7,864
TGBY3A	89	68-20X8145	W20771	9TGB07W4E6	41.85	7,864
TGBY3A	89	68-20X8145	W20772	9TGB07W4CX	41.85	3,590
TGBY3A	89	68-20X8145	W20773	9TGB07W4A8	41.85	15,818
TGBY3A	89	68-20X8145	W20774	9TGB07W4F4	41.85	8,678
TGBY3A	89	68-20X8145	W20775	9TGB07W404	41.85	7,676
TGBY3A	89	68-20X8145	W20776	9TGB07W4T7	41.85	7,864
TGBY3A	89	68-20X8145	W20777	9TGB07W4Q4	41.85	3,590
TGBY3A	89	68-20X8145	W20778	9TGB07W419	41.85	4,153
TGBY3A	89	68-20X8145	W20779	9TGB07W495	41.85	9,591
TGBY3A	89	68-20X8145	W20780	9TGB07W413	41.85	7,092
TGBY3A	89	68-20X8145	W20781	9TGB07W4Q5	41.85	3,590
TGBY3A	89	68-20X8145	W20782	9TGB07W4AW	41.85	9,930
TGBY3A	89	68-20X8145	W20783	9TGB07W4DQ	41.85	6,623
TGBY3A	89	68-20X8145	W20784	9TGB07W48D	41.85	4,018
TGBY3A	89	68-20X8145	W20785	9TGB07W4Q1	41.85	3,653
TGBY3A	89	68-20X8145	W20786	9TGB07W46R	41.85	3,989
TGBY3A	89	68-20X8145	W20787	9TGB07W4B4	41.85	21,699
TGBY3A	89	68-20X8145	W20788	9TGB07W458	41.85	6,604
TGBY3A	89	68-20X8145	W20789	9TGB07W4L5	41.85	3,590
TGBY3A	89	68-20X8145	W20790	9TGB07W42X	41.85	12,774
TGBY3A	89	68-20X8145	W20791	9TGB07W451	41.85	6,462
TGBY3A	89	68-20X8145	W20792	9TGB07W438	41.85	15,163
TGBY3A	89	68-20X8145	W20793	9TGB07W44S	41.85	6,170
TGBY3A	89	68-20X8145	W20794	9TGB07W4DA	41.85	3,590
TGBY3A	89	68-20X8145	W20795	9TGB07W45A	41.85	3,590
TGBY3A	89	68-20X8145	W20796	9TGB07W43S	41.85	27,605
TGBY3A	89	68-20X8145	W20797	9TGB07W4BC	41.85	9,930
TGBY3A	89	68-20X8145	W20798	9TGB07W497	41.85	8,435

PART II–APPROVED BUDGET

ASSISTANCE IDENTIFICATION NO. V007321 01

TABLE A – OBJECT CLASS CATEGORY (Non–construction)	TOTAL APPROVED ALLOWABLE BUDGET PERIOD COST
1. PERSONNEL	216,157
2. FRINGE BENEFITS	52,766
3. TRAVEL	70,108
4. EQUIPMENT	-0-
5. SUPPLIES	12,255
6. CONTRACTUAL	-0-
7. CONSTRUCTION	-0-
8. OTHER	75,990
9. TOTAL DIRECT CHARGES	427,276
10. INDIRECT COSTS: RATE * % BASE Total Direct Charges	68,639
11. TOTAL (Share: Recipient .42 %. Federal 99.58 %)	495,915
12. TOTAL APPROVED ASSISTANCE AMOUNT *14.2% for Amendment No. 2 15.% for Initial Award 28.7% for Missouri Div. of Geological Survey	$ 493,832
TABLE B – PROGRAM ELEMENT CLASSIFICATION (Non–construction)	
1. Managment Assistance during:	
2. RI/FS Federal Share 100%	147,151
3. Remedial Design Federal Share 100%	63,526
4. Remedial Action Recipient's Share 10%	2,083
5. Federal Share 90%	18,751
6. Removal Federal Share 100%	264,404
7.	
8.	
9.	
10.	
11.	
12. TOTAL (Share: Recipient .42 %. Federal 99.58 %)	495,915
13. TOTAL APPROVED ASSISTANCE AMOUNT	$ 493,832
TABLE C – PROGRAM ELEMENT CLASSIFICATION (Construction)	
1. ADMINISTRATION EXPENSE	
2. PRELIMINARY EXPENSE	
3. LAND STRUCTURES, RIGHT–OF–WAY	
4. ARCHITECTURAL ENGINEERING BASIC FEES	
5. OTHER ARCHITECTURAL ENGINEERING FEES	
6. PROJECT INSPECTION FEES	
7. LAND DEVELOPMENT	
8. RELOCATION EXPENSES	
9. RELOCATION PAYMENTS TO INDIVIDUALS AND BUSINESSES	
10. DEMOLITION AND REMOVAL	
11. CONSTRUCTION AND PROJECT IMPROVEMENT	
12. EQUIPMENT	
13. MISCELLANEOUS	
14. TOTAL (Lines 1 thru 13)	
15. ESTIMATED INCOME (If applicable)	
16. NET PROJECT AMOUNT (Line 14 minus 15)	
17. LESS: INELIGIBLE EXCLUSIONS	
18. ADD: CONTINGENCIES	
19. TOTAL (Share: Recipient ____ %. Federal ____ %)	
20. TOTAL APPROVED ASSISTANCE AMOUNT	$

PART III–AWARD CONDITIONS

a. **GENERAL CONDITIONS**

The recipient covenants and agrees that it will expeditiously initiate and timely complete the project work for which assistance has been awarded under this agreement, in accordance with all applicable provisions of 40 CFR Chapter I, Subpart B. The recipient warrants, represents, and agrees that it, and its contractors, subcontractors, employees and representatives, will comply with: (1) all applicable provisions of 40 CFR Chapter I, Subchapter B, INCLUDING BUT NOT LIMITED TO the provisions of Appendix A to 40 CFP Part 30, and (2) any special conditions set forth in this assistance agreement or any assistance amendment pursuant to 40 CFR 30.425.

b. **SPECIAL CONDITIONS**

(For cooperative agreements include identification or summarization of EPA responsibilities that reflect or contribute to substantial involvement.)

Refer to Cooperative Agreement dated March 30, 1988 and Amendment No. 1 dated May 24, 1988.

This Amendment No. 2 adds and revises Special Conditions as follows:

Revise Special Condition No. 4.(d) to include the following drawdown codes:

9 - Remedial Support and Management
4 - General Enforcement

Delete the first sentence of Special Condition No. 10 and replace with the following sentence:

In accordance with 40 CFR Part 35, Subpart O, the recipient will retain records generated under this Cooperative Agreement for ten years from the date of submission of the final Financial Status Report or until any litigation, audit, claim or cost recovery actions begun during the project are resolved, whichever is longer.

Delete Special Condition No. 6 and replace with the following:

The recipient hereby agrees to take the affirmative steps required by 40 CFR Part 35.6580, to assure that small, minority and women businesses are used when possible as sources when procuring supplies, equipment, construction and services related to this award Agreement. In accordance with this regulation, the recipient agrees to include information about these requirements in solicitation documents.

The recipient agrees to negotiate a fair-share dollar objective with the MBE/WBE Coordinator, EPA, Grants Administration, prior to a procurement action for all proposed subagreement work under this Cooperative Agreement. The recipient further agrees to demonstrate positive efforts to attain the fair share objective. In accordance with EPA's Minority and Women's Business Enterprise Program (MBE/WBE), the recipient agrees to submit to the MBE/WBE Coordinator, EPA, Grants Administration, a completed Standard Form 334, MBE/WBE Utilization Report, within 30 days after the end of each federal/state fiscal quarter.

Add the following new Special Conditions:

25. In compliance with Federal Register, Volume 53, No. 102, dated May 26, 1988, Debarment and Suspension Under EPA Assistance, Loan and Benefit Programs, the Recipient agrees that all solicitations for subagreements will include the following statement:

"The prospective participants must certify by submittal of EPA Form 5700-49, Certification Regarding Debarment, Suspension and Other Responsibility Matters that to the best of its knowledge and belief that it and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency."

The recipient acknowledges that doing business with any party appearing on the non procurement portion of the "List of Parties Excluded From Federal Procurement Programs" may result in disallowance of costs under this agreement and may also result in suspension or debarment.

26. Recipient agrees that this Amendment No. 2 and subsequent Amendments to the Cooperative Agreement are subject to the procurement standards of 40 CFR Part 35, Subpart O. Any solicitation documents and proposed contracts for procurement of equipment, supplies or services over $25,000 under this award will be submitted to EPA Grants Administration for review and approval prior to the solicitation action and the award of the contract. The recipient must submit EPA Form 5700-41, Cost and Price Summary, for all contracts. Recipient further agrees that Subpart O will be followed with regard to procurement actions under any interagency agreement.

b. SPECIAL CONDITIONS *(Continued)*

27. Recipient agrees under Amendment No. 2 and subsequent Amendments, that the financial and property accounting and management systems are subject to the standards set forth in 40 CFR Part 35, Subpart O. Recipient further agrees that personal property acquired under this amendment is also subject to the property management, reporting requirements, and disposition requirements of this Part.

PART IV

NOTE: The Agreement must be completed in duplicate and the Original returned to the Grants Administration Division for Headquarters awards and to the appropriate Grants Administrations Office for State and local awards within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA.

Receipt of a written refusal or failure to return the properly executed document within the prescribed time, may result in the withdrawal of the offer by the Agency. Any change to the Agreement by the recipient subsequent to the document being signed by the EPA Award Official which the Award Official determines to materially alter the Agreement shall void the Agreement.

OFFER AND ACCEPTANCE

The United States of America, acting by and through the U.S. Environmental Protection Agency (EPA), hereby offers assistance/amendment to the Missouri Department of Natural Resources (RECIPIENT ORGANIZATION) for 99.58 % of all approved costs incurred up to and not exceeding $ 493,832 (ASSISTANCE AMOUNT) for the support of approved budget period effort described in application *(including all application modifications)* Management Assistance at Superfund Sites 3/17/88 & 4/28/89 (DATE AND TITLE) included herein by reference.

ISSUING OFFICE *(Grants Administration Office)*	AWARD APPROVAL OFFICE
ORGANIZATION/ADDRESS Grants Administration, Region VII U.S. Environmental Protection Agency 726 Minnesota Avenue Kansas City, Kansas 66101	ORGANIZATION/ADDRESS Office of Regional Administration, Region VII U.S. Environmental Protection Agency 726 Minnesota Avenue Kansas City, Kansas 66101

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL	TYPED NAME AND TITLE	DATE
William Rice	Morris Kay, Regional Administrator	6/29/89

This Agreement is subject to applicable U.S. Environmental Protection Agency statutory provisions and assistance regulations. In accepting this award or amendment and any payments made pursuant thereto, (1) the undersigned represents that he is duly authorized to act on behalf of the recipient organization, and (2, the recipient agrees (a) that the award is subject to the applicable provisions of 40 CFR Chapter I, Subchapter B and of the provisions of this agreement (Parts I thru IV), and (b) that acceptance of any payments constitutes an agreement by the payee that the amounts, if any found by EPA to have been overpaid will be refunded or credited in full to EPA.

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
G. Tracy Mehan	G. Tracy Mehan, Director	9/28/89

U.S. ENVIRONMENTAL PROTECTION AGENCY
EPA ASSISTANCE AGREEMENT / AMENDMENT
PART I - ASSISTANCE NOTIFICATION INFORMATION

1. ASSISTANCE ID NO.	2. LOG NUMBER
V 007321-01-3	07-V -033
3. DATE OF AWARD	**4. MAILING DATE**
09/28/90	10/05/90

5. AGREEMENT TYPE

Cooperative Agreement	
Grant Agreement	
Assistance Amendment	X

6. PAYMENT METHOD
☐ Advance ☐ Reimbursement ☒ Letter of Credit _____

Send Payment Request to: EPA, Region VII - FNMG

7. TYPE OF ACTION
REVISION INCR.

RECIPIENT ORG

8. RECIPIENT
MISSOURI DEPT. OF NATURAL RESOURCES
P.O. BOX 176
JEFFERSON CITY, MO 65102

9. PAYEE
MISSOURI DEPT OF NATURAL RESOURCES
P.O. BOX 176
JEFFERSON CITY, MO 65102

EIN NO. 69043001081

CONGRESSIONAL DISTRICT 04

10. RECIPIENT TYPE
STATE

11. PROJECT MANAGER AND TELEPHONE NO.
KAY NEWBERRY
PROJECT OFFICER
(314) 751-3176

12. CONSULTANT (WWT Construction Grants Only)
N/A

EPA CONTACT

13. ISSUING OFFICE (CITY / STATE)
US ENVIRONMENTAL PROTECTION AGENCY
REGION 7
Grants Administration
726 Minnesota Avenue
Kansas City, KS 66101

14. EPA PROJECT / STATE OFFICER AND TELEPHONE NO.
GREG RESSOR, PROJECT MANAGER
726 MINNESOTA AVENUE
KANSAS CITY, KS 66101 (913) 551-7695

15. EPA CONGRESSIONAL LIAISON & PHONE
Pat Gaskins, (202) 382-5184

16. STATE APPL ID (Clearinghouse)
N/A

17. SCIENCE FIELD

18. PROJECT STEP (WWT Construction Grants Only)
N/A

19. STATUTORY AUTHORITY
CERCLA: SEC. 104 AMENDED BY SARA

20. REGULATORY AUTHORITY
40 CFR PARTS 30,31,32,33,35

21. STEP 2 + 3 & STEP 3 (WWT Construction Grants Only)

a. Treatment Level			
b. Project Type	N/A		
c. Treatment Process			
d. Studies Design			

22. PROJECT TITLE AND DESCRIPTION Management Assistance for Federal-lead Superfund sites

23. PROJECT LOCATION (Areas Impacted by Project)

City / Place	County	State	Congressional District
STATEWIDE	STATEWIDE	MO	ALL

24. ASSISTANCE PROGRAM (CFDA Program No. & Title) 66.802:
Hazardous Substance Response Trust Fund

25. PROJECT PERIOD
04/01/88 to 03/31/93

26. BUDGET PERIOD
04/01/88 to 03/31/93

27. COMMUNITY POPULATION (WWT Construction Grants Only)
N/A

28. TOTAL BUDGET PERIOD COST
$748,499

29. TOTAL PROJECT PERIOD COST
$748,499

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
30. EPA Amount This Action	$493,832	$252,584	$746,416
31. EPA In-Kind Amount	0	0	0
32. Unexpended Prior Year Balance	0	0	0
33. Other Federal Funds	0	0	0
34. Recipient Contribution	0	0	0
35. State Contribution	2,083	0	2,083
36. Local Contribution	0	0	0
37. Other Contribution	0	0	0
38. Allowable Project Cost	495,915	252,584	748,499

39. FISCAL

Program Element	FY	Appropriation	Doc. Control No.	Account Number	Object Class	Obligation / Deobligation

(See continuation page)

39. FISCAL (continued)

Site Name	Program Element	FY	Appropriation	Doc.Control Number	Account Number	Object Class	Obligation/ Deobligation
ACME BATTERY MGG.	01) TGBY3A	90	68-20X8145	W20350	OTGB07W4AC	41.85	5,177
ARNESON TIMBER CO.	02) TGBY3A	90	68-20X8145	W20351	OTGB07W41F	41.85	5,856
BLUFF ELECTRIC WORKS	03) TGBY3A	90	68-20X8145	W20352	OTGB07W4DS	41.85	5,177
CASTLEWOOD	04) TGBY3A	90	68-20X8145	W20353	OTGB07W4A8	41.85	6,378
GENERALLY HAULING	05) TGBY3A	90	68-20X8145	W20354	OTGB07W4Q5	41.85	2,498
KRAMER	06) TGBY3A	90	68-20X8145	W20355	OTGB07W47Y	41.85	4,776
MARTHA ROSE CHEMICAL	07) TGBY3A	90	68-20X8145	WS0356	OTGB07W48D	41.85	4,120
MISSOURI ELEC. WORKS	08) TGBY3A	90	68-20X8145	W20357	OTGB07W46R	41.85	11,228
RESOURCE SERVICE, INC	09) TGBY3A	90	68-20X8145	W20358	OTGB07W4BE	41.85	1,747
RIVERFRONT LANDFILL	10) TGBY3A	90	68-20X8145	W20359	OTGB07W458	41.85	1,351
TIMBERLINE STABLES	11) TGBY3A	90	68-20X8145	W20360	OTGB07W438	41.85	6,781
THOMPSON CHEM/SUP.	12) TGBY3A	90	68-20X8145	W20361	OTGB07W4ZZ	41.85	6,104
UNION WIRE ROPE	13) TGBY3A	90	68-20X8145	W20362	OTGB07W4ZZ	41.85	1,879
WELDON SPRINGS QUARRY	14) TGBY3A	90	68-20X8145	W20363	OTGB07W43S	41.85	36,917
WESTLAKE LANDFILL	15) TGBY3A	90	68-20X8145	W20364	OTGB07W414	41.85	9,060
TIMES BEACH	16) TGBY3A	90	68-20X8145	W20365	OTGB07W462	41.85	73,115
BUBBLING SPRINGS	17) TFAY9A	90	68-20X8145	W20366	OTFA07W944	41.85	4,145
CADMUS CORP.	18) TFAY9A	90	68-20X8145	W20367	OTFA07W99G	41.85	2,436
ELLISVILLE	19) TFAY9A	90	68-20X8145	W20368	OTFA07W908	41.85	34,686
FINDETT	20) TFAY9A	90	68-20X8145	W20369	OTFA07W995	41/85	3,133
KEM-PEST	21) TFAY9A	90	68-20X8145	W20370	OTFA07W9N6	41.85	1,518
MINKER/STOUT/ROMAINE	22) TFAY9A	90	68-20X8145	W20371	OTFA07W945	41.85	13,375
ORONOGO-DUENWEG	23) TFAY9A	90	68-20X8145	W20372	OTFA07W936	41.85	503
PIAZZA ROAD	24) TFAY9A	90	68-20X8145	W20373	0TFA07W9DP	41.85	4,772
SADDLE AND SPUR	25) TFAY9A	90	68-20X8145	W20374	0TFA07W981	41.85	5,852

TABLE A - OB. .T CLASS CATEGORY (Non-construction)	TOTAL APPROVED ALLOWABLE BUDGET PERIOD COST
1. PERSONNEL	$370,113
2. FRINGE BENEFITS	90,331
3. TRAVEL	85,274
4. EQUIPMENT	
5. SUPPLIES	14,304
6. CONTRACTUAL	5,178
7. CONSTRUCTION	
8. OTHER	75,990
9. TOTAL DIRECT CHARGES	$641,190
10. INDIRECT COSTS: RATE 18.40 BASE 0	107,309
11. TOTAL (Share: Recipient 0.30% Federal 99.70%.)	$748,499
12. TOTAL APPROVED ASSISTANCE AMOUNT	$746,416
TABLE B - PROGRAM ELEMENT CLASSIFICATION (Non-construction)	
1.	
2.	
3.	
4.	
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6.	
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8.	
9.	
10.	
11.	
12. TOTAL (Share: Recipient ____% Federal ____%.)	
13. TOTAL APPROVED ASSISTANCE AMOUNT	
TABLE C - PROGRAM ELEMENT CLASSIFICATION (Construction)	
1. ADMINISTRATION EXPENSE	
2. PRELIMINARY EXPENSE	
3. LAND STRUCTURES, RIGHT-OF-WAY	
4. ARCHITECTURAL ENGINEERING BASIC FEES	
5. OTHER ARCHITECTURAL ENGINEERING FEES	
6. PROJECT INSPECTION FEES	
7. LAND DEVELOPMENT	
8. RELOCATION EXPENSE	
9. RELOCATION PAYMENTS TO INDIVIDUALS AND BUSINESS	
10. DEMOLITION AND REMOVAL	
11. CONSTRUCTION AND PROJECT IMPROVEMENT	
12. EQUIPMENT	
13. MISCELLANEOUS	
14. TOTAL (Lines 1 thru 13)	
15. ESTIMATED INCOME (If applicable)	
16. NET PROJECT AMOUNT (Line 14 minus 15)	
17. LESS: INELIGIBLE EXCLUSIONS	
18. ADD: CONTINGENCIES	
19. TOTAL (Share: Recipient ____% Federal ____%.)	
20. TOTAL APPROVED ASSISTANCE AMOUNT	

a. GENERAL CONDITION

The recipient covenants and agrees that it will expeditiously initiate and timely complete the project work for which assistance has been awarded under this agreement, in accordance with all applicable provisions of 40 CFR Chapter I, Subchapter B. The recipient warrants, represents, and agrees that it, and all its contractors, employees and representatives, will comply with all applicable provisions of 40 CFR Chapter I, Subchapter B; INCLUDING BUT NOT LIMITED TO the provisions of 40 CFR 35 subpart 0.

b. TERMS AND CONDITIONS OF AWARD

1. Recipient agrees to comply with the Anti-Lobbying Act, Section 319 of Public Law 101-121, effective December 23, 1989.

Recipient acknowledges that if any expenditure is made as prohibited by the Act, that he shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such expenditure.

Recipient further acknowledges that failure to file or amend the disclosure form, if required, shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

Recipient also agrees to include in all solicitation documents the following:

Subrecipients who request or receive from the grant recipient a subgrant, contract, or subcontract exceeding $100,000, at any tier under a federal grant shall comply with the Anti-Lobbying Act, Section 319 of Public Law 101-121, and file an Anti-Lobbying Certification form, and the Disclosure of Lobbying Activities form, if required, to the next tier above."

2. Recipient agrees to utilize the following affirmative steps in accordance with Section 129 of Public Law 100-590, Small Business Administration Reauthorization and Amendment Act of 1988, when awarding any contracts under this assistance agreement:

a. Placing Small Business in Rural Area's (SBRA) on solicitation lists;

b. Ensuring that SBRAs are solicited whenever they are potential sources;

c. Dividing total requirements, when economically feasibly, into small tasks or quantities to permit maximum participation by SBRAs;

d. Establishing delivery schedules, where the requirements of work will permit which would encourage participation by SBRAs;

e. Utilizing the services of the Small Business Administration and the Minority Business Development Agency of the U.S. Department of Commerce, as appropriate; and

f. Requiring any contractor, who awards subcontracts, to take the affirmative

steps in subparagraphs a. through e. of this condition.

3. Recipient agrees, pursuant to EPA Order 1000.25, dated January 24, 1990, to use recycled paper for all reports which are prepared as a part of this assistance award and delivered to the Agency. This requirement does not apply to reports which are prepared on forms supplied by EPA. This requirements applies even when the cost of recycled paper is higher than that of virgin paper.

SPECIAL CONDITIONS (continued)

PART IV

NOTE: The Agreement must be completed in duplicate and the Original returned to the Grants Administration Division for Headquarters awards and to the appropriate Grants Administration Office for State and local awards within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA.

Receipt of a written refusal or failure to return the properly executed document within the prescribed time, may result in the withdrawal of the offer by the Agency. Any change to the Agreement by the recipient subsequent to the document being signed by the EPA Award Official, which the Award Official determines to materially alter the Agreement, shall void the Agreement.

OFFER AND ACCEPTANCE

The United States of America, acting by and through the U.S. Environmental Protection Agency (EPA), hereby offers assistance/amendment to the MISSOURI DEPT. OF NATURAL RESO (RECIPIENT ORGANIZATION) for 99.70 % of all approved costs incurred up to and not exceeding $ 746,416 (ASSISTANCE AMOUNT) for the support of approved budget period effort described in application (including all application modifications) cited in Item 22 of this Agreement 02/11/88 Management Assistance (DATE AND TITLE), included herein by reference.

ISSUING OFFICE (Grants Administration Office)	AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS REGION 7 Grants Administration 726 Minnesota Avenue Kansas City, KS 66101	ORGANIZATION / ADDRESS REGION 7 Regional Administrators Office 726 Minnesota Avenue Kansas City, KS 66101

THE UNITED STATES OF AMERICA BY THE U.S ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL	TYPED NAME AND TITLE	DATE
William Rice for	MORRIS KAY REGIONAL ADMINISTRATOR	9/28/90

This agreement is subject to applicable U.S. Environmental Protection Agency statutory provisions and assistance regulations. In accepting this award or amendment and any payments made pursuant thereto, (1) the undersigned represents that he is duly authorized to act on behalf of the recipient organization, and (2) the recipient agrees (a) that the award is subject to the applicable provisions of 40 CFR Chapter I, Subchapter B and of the provisions of this agreement (Parts I thru IV), and (b) that acceptance of any payments constitutes an agreement by the payee that the amounts, if any found by EPA to have been overpaid will be refunded or credited in full to EPA.

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
	G. TRACY MEHAN, III DIRECTOR, MDNR	

U.S. ENVIRONMENTAL PROTECTION AGENCY
EPA ASSISTANCE AGREEMENT / AMENDMENT
PART I - ASSISTANCE NOTIFICATION INFORMATION

1. ASSISTANCE ID NO.	2. LOG NUMBER
V 007321-01-4	07-V -012
3. DATE OF AWARD	**4. MAILING DATE**
03/27/91	04/03/91

5. AGREEMENT TYPE

Cooperative Agreement	
Grant Agreement	
Assistance Amendment	X

6. PAYMENT METHOD

[X] Advance [ ] Reimbursement [ ] Letter of Credit

Send Payment Request to: EPA, Region VII - FNMG

7. TYPE OF ACTION
AUGMENTATION INCR.

RECIPIENT ORG

8. RECIPIENT
MISSOURI DEPT. OF NATURAL RESOURCES
P.O. BOX 176
JEFFERSON CITY, MO 65102

9. PAYEE
SAME AS ITEM NO. 8

EIN NO. 69043001081

CONGRESSIONAL DISTRICT 04

10. RECIPIENT TYPE
STATE

11. PROJECT MANAGER AND TELEPHONE NO.
KAY NEWBERRY
PROJECT MANAGER
(314) 751-3176

12. CONSULTANT (WWT Construction Grants only)
N/A

EPA CONTACT

13. ISSUING OFFICE (CITY / STATE)
US ENVIRONMENTAL PROTECTION AGENCY
REGION 7
Grants Administration
726 Minnesota Avenue
Kansas City, KS 66101

14. EPA PROJECT / STATE OFFICER AND TELEPHONE NO.
GREG RESSOR, PROJECT MANAGER
726 MINNESOTA AVENUE
KANSAS CITY, KS 66101 (913) 551-7695

15. EPA CONGRESSIONAL LIAISON & PHONE
Pat Gaskins, (202) 382-5184

16. STATE APPL ID (Clearinghouse)
N/A

17. SCIENCE FIELD

18. PROJECT STEP (WWT Construction Grants Only)
N/A

19. STATUTORY AUTHORITY
CERCLA: SEC. 104 AMENDED BY SARA

20. REGULATORY AUTHORITY
40 CFR PARTS 30,31,32,33,35

21. STEP 2 + 3 & STEP 3 (WWT Construction Grants Only)

a. Treatment Level	
b. Project Type	N/A
c. Treatment Process	
d. Sludge Design	

22. PROJECT TITLE AND DESCRIPTION MANAGEMENT ASSISTANCE AT FEDERAL LEAD SUPERFUND SITES

23. PROJECT LOCATION (Areas Impacted by Project)

City / Place	County	State	Congressional District
STATEWIDE	STATEWIDE	MO	ALL

24. ASSISTANCE PROGRAM (CFDA Program No. & Title) 66.802:
Hazardous Substance Response Trust Fund

25. PROJECT PERIOD
04/01/88 to 03/31/93

26. BUDGET PERIOD
04/01/88 to 03/31/93

27. COMMUNITY POPULATION (WWT Construction Grants Only) N/A

28. TOTAL BUDGET PERIOD COST
$751,499

29. TOTAL PROJECT PERIOD COST
$751,499

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
30. EPA Amount This Action	$746,416	$3,000	$749,416
31. EPA In-Kind Amount	0	0	0
32. Unexpended Prior Year Balance	0	0	0
33. Other Federal Funds	0	0	0
34. Recipient Contribution	0	0	0
35. State Contribution	2,083	0	2,083
36. Local Contribution	0	0	0
37. Other Contribution	0	0	0
38. Allowable Project Cost	748 499	3,000	751,499

39. FISCAL

Program Element	FY	Appropriation	Doc. Control No.	Account Number	Object Class	Obligation / Deobligation

(See continuation page)

39. F I S C A L (continued)

Site Name	Program Element	FY	Appropriation	Doc. Control Number	Account Number	Object Class	Obligation / Deobligation
MGMT ASST. FDRL-LEAD S	01) TFAY9A	91	68-20X8145	W20124	1TFA07WL36	41.85	3,000

PART II - APPROVED BUDGET

SITE NAME: MGMT ASST. FDRL-LEAD SI.. ASSISTANCE IDENT.. ..ATION: V 007321-01-4

TABLE A - OBJECT CLASS CATEGORY (Non-construction)	TOTAL APPROVED ALLOWABLE BUDGET PERIOD COST
1. PERSONNEL	$371,913
2. FRINGE BENEFITS	90,770
3. TRAVEL	85,566
4. EQUIPMENT	0
5. SUPPLIES	14,301
6. CONTRACTUAL	5,178
7. CONSTRUCTION	0
8. OTHER	75,990
9. TOTAL DIRECT CHARGES	$2,531
10. INDIRECT COSTS: RATE 18.40 BASE	107,778
11. TOTAL (Share: Recipient 0.03 % Federal 99.70 %.)	$751,499
12. TOTAL APPROVED ASSISTANCE AMOUNT	$749,416

TABLE B - PROGRAM ELEMENT CLASSIFICATION (Non-construction)	
1.	
2.	
3.	
4.	
5.	
6.	
7.	
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9.	
10.	
11.	
12. TOTAL (Share: Recipient _____ % Federal _____ %.)	
13. TOTAL APPROVED ASSISTANCE AMOUNT	

TABLE C - PROGRAM ELEMENT CLASSIFICATION (Construction)	
1. ADMINISTRATION EXPENSE	
2. PRELIMINARY EXPENSE	
3. LAND STRUCTURES, RIGHT-OF-WAY	
4. ARCHITECTURAL ENGINEERING BASIC FEES	
5. OTHER ARCHITECTURAL ENGINEERING FEES	
6. PROJECT INSPECTION FEES	
7. LAND DEVELOPMENT	
8. RELOCATION EXPENSE	
9. RELOCATION PAYMENTS TO INDIVIDUALS AND BUSINESS	
10. DEMOLITION AND REMOVAL	
11. CONSTRUCTION AND PROJECT IMPROVEMENT	
12. EQUIPMENT	
13. MISCELLANEOUS	
14. TOTAL (Lines 1 thru 13)	
15. ESTIMATED INCOME (If applicable)	
16. NET PROJECT AMOUNT (Line 14 minus 15)	
17. LESS: INELIGIBLE EXCLUSIONS	
18. ADD: CONTINGENCIES	
19. TOTAL (Share: Recipient _____ % Federal _____ %.)	
20. TOTAL APPROVED ASSISTANCE AMOUNT	

SPECIAL CONDITIONS (continued)

PART IV

NOTE: The Agreement must be completed in duplicate and the Original returned to the Grants Administration Division for Headquarters awards and to the appropriate Grants Administration Office for State and local awards within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA.

Receipt of a written refusal or failure to return the properly executed document within the prescribed time, may result in the withdrawal of the offer by the Agency. Any change to the Agreement by the recipient subsequent to the document being signed by the EPA Award Official, which the Award Official determines to materially alter the Agreement, shall void the Agreement.

OFFER AND ACCEPTANCE

The United States of America, acting by and through the U.S. Environmental Protection Agency (EPA), hereby offers assistance/amendment to the MISSOURI DEPT. OF NATURAL RESO (RECIPIENT ORGANIZATION) for 99.70 % of all approved costs incurred up to and not exceeding $ 749,416 (ASSISTANCE AMOUNT) for the support of approved budget period effort described in application (including all application modifications) cited in Item 22 of this Agreement

02/11/88 MANAGEMENT ASSISTANCE AT FEDERAL LEAD SUPERFU (DATE AND TITLE), included herein by reference.

ISSUING OFFICE (Grants Administration Office)	AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS REGION 7 Grants Administration 726 Minnesota Avenue Kansas City, KS 66101	ORGANIZATION / ADDRESS REGION 7 Regional Administrators Office 726 Minnesota Avenue Kansas City, KS 66101

THE UNITED STATES OF AMERICA BY THE U.S ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL	TYPED NAME AND TITLE	DATE
William Lee for	MORRIS KAY REGIONAL ADMINISTRATOR	3/27/91

This agreement is subject to applicable U.S. Environmental Protection Agency statutory provisions and assistance regulations. In accepting this award or amendment and any payments made pursuant thereto, (1) the undersigned represents that he is duly authorized to act on behalf of the recipient organization, and (2) the recipient agrees (a) that the award is subject to the applicable provisions of 40 CFR Chapter I, Subchapter B and of the provisions of this agreement (Parts I thru IV), and (b) that acceptance of any payments constitutes an agreement by the payee that the amounts, if any found by EPA to have been overpaid will be refunded or credited in full to EPA.

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
	G. TRACY MEHAN, III DIRECTOR	

TABLE OF CONTENTS

	SECTION
BILLING FOR THE PERIOD 10/1/89 THROUGH 9/30/90:	A
BILLING FROM FNMG TO THE PRP	A-1
RETURN RECEIPT	A-2
MEMOS:	A-3
MEMO FOR THE RECORD WITH SCOTT PEMBERTON: (IDENTIFYING THE RI/FS OVERSIGHT COSTS)	A-3-1
MEMO FOR THE RECORD WITH SCOTT PEMBERTON: (PRP REQUESTING A COPY OF THE STATE COOPERATIVE AGREEMENT)	A-3-2
MEMO FOR THE RECORD WITH CAROL ROMPAGE: (PRP REQUESTING A COPY OF THE STATE COOPERATIVE AGREEMENT)	A-3-3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

Mailed
3/20/91

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Joseph M. Kwasnik, Manager
Water and Solid Waste Program
New England Power Service
25 Research Drive
Westborough, MA 01582-0099

Dear Mr. Kwasnik:

Re: Martha C. Rose RI/FS Oversight - Cost Recovery

This is in response to your letter of February 7, 1991 to Steven Kinser, which requested a more detailed accounting of EPA's oversight costs for RI/FS actuaries in FY 1990. Upon receipt of your letter, EPA reviewed the various costs associated with the January 23, 1991 billing and discovered that some costs, not associated with the RI/FS oversight, had inadvertently been included.

Per your request, enclosed please find a detailed summary of response costs associated with RI/FS oversight for FY 1990. The enclosed accounting reflects costs incurred during FY 1990 for which disbursements have been made. Please be advised that costs may have been incurred during FY 1990, but not disbursed by October 1, 1990. Those costs will be billed to Respondents in the next accounting submission following the end of FY 1991.

Your letter of February 7, 1991, raised a concern regarding costs relating to the State of Missouri. This expenditure represents legitimate RI/FS oversight costs incurred by EPA under a State Cooperative Agreement which EPA agreed to reimburse the State for its cost in reviewing RI/FS deliverables and other actions taken during the RI/FS. This cost is for activities necessary for the RI/FS oversight and therefore is reimbursable to EPA under the Order. Please note that the amount expended under the State Cooperative Agreement has increased due to an updated accounting of funds expended in FY 1990.

W/P SECTION: A-1
PAGE:
NAME: L Long
DATE: 3/19/91

The Administrative Order of Consent (AOC) requires payment by cashiers or certified check to:

Mellon Bank
Attn: Superfund Accounting
EPA Region VII
(Comptroller Branch)
P.O. Box 360748M
Pittsburgh, PA 15251

However, a recent change in Agency policy requires payment of costs above $25,000 to be via electronic transfer. Therefore, rather than payment by cashiers or certified check, please pay $61,254.65 by wire transfer through the Federal Reserve Banking System and credited to Account: 910-9070, Region VII - Superfund Accounting:

ABA # 043000261/Mellon Bank West
Pittsburgh-EPA Region VII
Superfund Accounting
Pittsburgh, PA 15251

The transmittal should be annotated with the Site name (Martha C. Rose), Site-specific identification number (07-8D) and the bill number (1T025). A copy of the transmittal letter should be sent to:

Mr. Steven Kinser
U. S. EPA
726 Minnesota Avenue
Kansas City, KS 66101

Interest shall begin to accrue 31 days from receipt of this demand at the current rate determined by the Secretary of the Treasury of 7.99 percent per annum for the period October 1, 1989 through September 30, 1990. Interest will be compounded annually. On October 1 or each subsequent fiscal year any unpaid balance will begin accruing interest at the new rate to be determined by the Secretary of the Treasury. Payments shall apply first to any interest due and the remaining amount shall apply to the principal.

The daily interest rate for the enclosed billing is as follows:

BILL NUMBER	DATE OF INCURRED COST	PRINCIPAL	DAILY INTEREST RATE
1T025	10/1/89 - 9/30/90	$61,254.65	$13.41

The formula for computing the daily interest rate is:

Principal x 7.99% / 365 days = Daily Interest Rate

If you have any questions regarding this matter, please contact me at (913) 236-2856.

Sincerely yours,

Gerald F. Lee
Financial Management Officer

Enclosure
Bill No. 1T025
Cost Summary

cc: Steve Kinser, WSTM
Scott Pemberton, CNSL
Wilma Rennison, FNMG

BILL FOR COLLECTION

BILL NO. 1T025

BUREAU/OFFICE FOR REMITTANCE PAYABLE: Mellon Bank, EPA Region VII Superfund, FNMG Section

DATE:

ADDRESS FOR MAILING PAYMENT: P.O. Box 360748M Pittsburgh, PA 15251

AMOUNT OF PAYMENT: $

PAYER

Mr. Joseph M. Kwasnik, Manager
Water and Solid Waste Program
New England Power Service
25 Research Drive
Westborough, MA 01582-0099

DETACH AND RETURN THIS PART OF BILL WITH REMITTANCE.

DATE	DESCRIPTION	QUANTITY	UNIT PRICE COST	UNIT PRICE PER	AMOUNT
10/01/89 09/30/90	EPA Region VII RI/FS oversight costs for Martha C. Rose (SSID 8D):				
	Payroll				$ 8,219 36
	Travel				147 29
	Indirect				19,398 00
	Contracts				33,490 00
			AMOUNT DUE		$ 61,254 65

IMPORTANT: A receipt will be issued for all cash remittances and for all other remittances when required by applicable procedures. Failure to receive a receipt for cash payment should be promptly reported to the bureau or office shown above.

EPA Form 2505-4 (9-73) REPLACES FORM DI-1040 WHICH IS OBSOLETE.

ORIGINAL BILLING

EPA Form 2505-4 (9-73) REPLACES FORM DI-1040 WHICH IS OBSOLETE.

COST SUMMARY DATE: 03/05/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /

(Analysis Time Frame: 10/01/89 to 09/30/90)

EPA EXPENDITURES FOR RI/FS OVERSIGHT

REGIONAL PAYROLL EXPENSES	$	8219.36
REGIONAL TRAVEL EXPENSES		147.29
EPA INDIRECT COST		19398.00
HEADQUARTERS PAYROLL EXPENSES		0.00
HEADQUARTERS TRAVEL EXPENSES		0.00

REMEDIAL (REM) CONTRACT

- CH2M HILL (68-01-7251)	30850.00

STATE COOPERATIVE AGREEMENTS (SCA)

- (732101)	2640.00

TOTAL EPA EXPENDITURES FOR RI/FS OVERSIGHT	61254.65

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 27 OF FISCAL YEAR 1990

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
CALOW, MARION S.	90	23	07K	1.00	22.04
				1.00	22.04
CROSSLAND, STEFFANIE G.	90	17	07M	2.00	20.22
				2.00	20.22
HESS, GEORGE K.	90	17	07M	8.00	236.57
				8.00	236.57
HUNT, VIOLET M.	90	08	07W	1.00	11.02
	90	13	07W	0.50	5.71
	90	15	07W	1.50	17.21
				3.00	33.94
KING, RONALD E.	90	09	07W	0.50	13.07
	90	10	07W	5.50	143.68
	90	11	07W	0.50	13.07
				6.50	169.82
KINSER, STEVEN E.	90	02	07W	17.00	414.29
	90	03	07W	34.00	828.79
	90	05	07W	1.00	24.37
	90	06	07W	12.00	292.50

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 27 OF FISCAL YEAR 1990

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
KINSER, STEVEN E.	90	09	07W	18.00	456.77
	90	10	07W	22.00	558.29
	90	11	07W	20.00	545.78
	90	12	07W	14.50	395.53
	90	13	07W	2.50	68.22
	90	14	07W	7.00	191.03
	90	15	07W	6.00	163.74
	90	21	07W	30.50	832.32
	90	22	07W	27.00	736.80
	90	23	07W	28.00	764.00
	90	24	07W	3.00	81.87
	90	25	07W	12.00	327.47
	90	26	07W	18.00	491.21
	90	27	07W	8.00	218.29
				280.50	7391.27
KROONE, JANICE J.	90	17	07M	6.00	137.14
				6.00	137.14
MORBY, ROBERT L.	90	10	07W	2.00	77.14
				2.00	77.14
ROBERDES, SUZANNE	90	17	07M	5.00	86.23
				5.00	86.23
WERST, JOLLEEN G.	90	09	07W	4.00	44.99
				4.00	44.99
				318.00	8219.36

U.S. EPA REGION VII TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM 10/01/89 TO 09/30/90

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
	9007DA0051		11/29/89	37.20
	9007DA0136		03/16/90	12.85
	0007DA0795		10/02/89	15.38
	0007DA0800		10/31/89	43.00
	0007WC0912		10/31/89	38.86
				147.29
				147.29

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 27 OF FISCAL YEAR 1990

ACCOUNTING PERIOD	FISCAL YEAR	PAYROLL HOURS	INDIRECT RATE	INDIRECT COSTS
FISCAL YEAR	90	318.00	61.00	19398.00
TOTAL :		318.00		19398.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 27 OF FISCAL YEAR 1990

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
CALOW, MARION S.	90	K	23	1.00	61.00	61.00
				1.00		61.00
CROSSLAND, STEFFANIE G.	90	M	17	2.00	61.00	122.00
				2.00		122.00
HESS, GEORGE K.	90	M	17	8.00	61.00	488.00
				8.00		488.00
HUNT, VIOLET M.	90	W	08	1.00	61.00	61.00
		W	13	0.50	61.00	30.50
		W	15	1.50	61.00	91.50
				3.00		183.00
KING, RONALD E.	90	W	09	0.50	61.00	30.50
		W	10	5.50	61.00	335.50
		W	11	0.50	61.00	30.50
				6.50		396.50
KINSER, STEVEN E.	90	W	02	17.00	61.00	1037.00
		W	03	34.00	61.00	2074.00
		W	05	1.00	61.00	61.00
		W	06	12.00	61.00	732.00
		W	09	18.00	61.00	1098.00
		W	10	22.00	61.00	1342.00
		W	11	20.00	61.00	1220.00
		W	12	14.50	61.00	884.50
		W	13	2.50	61.00	152.50
		W	14	7.00	61.00	427.00
		W	15	6.00	61.00	366.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 27 OF FISCAL YEAR 1990

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	90	W	21	30.50	61.00	1860.50
		W	22	27.00	61.00	1647.00
		W	23	28.00	61.00	1708.00
		W	24	3.00	61.00	183.00
		W	25	12.00	61.00	732.00
		W	26	18.00	61.00	1098.00
		W	27	8.00	61.00	488.00
				280.50		17110.50
KROONE, JANICE J.	90	M	17	6.00	61.00	366.00
				6.00		366.00
MORBY, ROBERT L.	90	W	10	2.00	61.00	122.00
				2.00		122.00
ROBERDES, SUZANNE	90	M	17	5.00	61.00	305.00
				5.00		305.00
WERST, JOLLEEN G.	90	W	09	4.00	61.00	244.00
				4.00		244.00
TOTAL PER FISCAL YEAR	90			318.00		19398.00

COST SUMMARY DATE: 03/05/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 09/30/90

REMEDIAL (REM) CONTRACT

CONTRACTOR: CH2M HILL

CONTRACT NO: 68-01-7251

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST $ 49950.23

TOTAL CONTRACTOR COST FOR RI/FS OVERSIGHT PER CONTRACTOR ACCOUNTING: $ 30850.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	08969	10/24/89	1888.93
	/ /	0.00	08987	11/06/89	8118.39
	/ /	0.00	08987	11/06/89	68.70
	/ /	0.00	08987	11/06/89	1720.24
	/ /	0.00	09009	12/11/89	2865.12
	/ /	0.00	09045	02/02/90	481.23
	/ /	0.00	09048	02/07/90	187.00
	/ /	0.00	09050	02/09/90	2123.85
	/ /	0.00	09070	03/12/90	1031.15
	/ /	0.00	09090	04/09/90	10320.12
	/ /	0.00	09114	05/11/90	3997.81
	/ /	0.00	09135	06/12/90	6808.17
	/ /	0.00	09156	07/12/90	2220.23
	/ /	0.00	09176	08/09/90	1841.44
	/ /	0.00	09205	09/20/90	6277.85

COST SUMMARY DATE: 03/05/91
MARIHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 09/30/90

STATE COOPERATIVE AGREEMENT (SCA)

STATE:

STATE COOPERATIVE AGREEMENT NUMBER: 732101

SUMMARY OF SERVICE:

TOTAL SCA COST FOR RI/FS OVERSIGHT: $ 2640.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
446000987	/ /	0.00	07900	08/28/90	2640.00

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

209.6

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Joseph M. Kwasnik, Manager
Water and Solid Waste Program
New England Power Service
25 Research Drive
Westborough, MA 01582-0099

Dear Mr. Kwasnik:

Re: Martha C. Rose RI/FS Oversight - Cost Recovery

This is in response to your letter of February 7, 1991 to Steven Kinser, which requested a more detailed accounting of EPA's oversight costs for RI/FS actuaries in FY 1990. Upon receipt of your letter, EPA reviewed the various costs associated with the January 23, 1991 billing and discovered that some costs, not associated with the RI/FS oversight, had inadvertently been included.

Per your request, enclosed please find a detailed summary of response costs associated with RI/FS oversight for FY 1990. The enclosed accounting reflects costs incurred during FY 1990 for which disbursements have been made. Please be advised that costs may have been incurred during FY 1990, but not disbursed by October 1, 1990. Those costs will be billed to Respondents in the next accounting submission following the end of FY 1991.

Your letter of February 7, 1991, raised a concern regarding costs relating to the State of Missouri. This expenditure represents legitimate RI/FS oversight costs incurred by EPA under a State Cooperative Agreement which EPA agreed to reimburse the State for its cost in reviewing RI/FS deliverables and other actions taken during the RI/FS. This cost is for activities necessary for the RI/FS oversight and therefore is reimbursable to EPA under the Order. Please note that the amount expended under the State Cooperative Agreement has increased due to an updated accounting of funds expended in FY 1990.

CONCURRENCES

SYMBOL	FNMG	FNMG	FNMG	WSTM				
SURNAME	[illegible]	[illegible]	[illegible]	S.K. [illegible]				
DATE	3/19/91	3/19/91	3/19/91	3/19/91				

EPA Form 1320-1 (12-70)

OFFICIAL FILE COPY

U.S. GPO : 1984-436-836

The Administrative Order of Consent (AOC) requires payment by cashiers or certified check to:

Mellon Bank
Attn: Superfund Accounting
EPA Region VII
(Comptroller Branch)
P.O. Box 360748M
Pittsburgh, PA 15251

However, a recent change in Agency policy requires payment of costs above $25,000 to be via electronic transfer. Therefore, rather than payment by cashiers or certified check, please pay $61,254.65 by wire transfer through the Federal Reserve Banking System and credited to Account: 910-9070, Region VII - Superfund Accounting:

ABA # 043000261/Mellon Bank West
Pittsburgh-EPA Region VII
Superfund Accounting
Pittsburgh, PA 15251

The transmittal should be annotated with the Site name (Martha C. Rose), Site-specific identification number (07-8D) and the bill number (1T025). A copy of the transmittal letter should be sent to:

Mr. Steven Kinser
U. S. EPA
726 Minnesota Avenue
Kansas City, KS 66101

Interest shall begin to accrue 31 days from receipt of this demand at the current rate determined by the Secretary of the Treasury of 7.99 percent per annum for the period October 1, 1989 through September 30, 1990. Interest will be compounded annually. On October 1 or each subsequent fiscal year any unpaid balance will begin accruing interest at the new rate to be determined by the Secretary of the Treasury. Payments shall apply first to any interest due and the remaining amount shall apply to the principal.

The daily interest rate for the enclosed billing is as follows:

BILL NUMBER	DATE OF INCURRED COST	PRINCIPAL	DAILY INTEREST RATE
1T025	10/1/89 - 9/30/90	$61,254.65	$13.41

The formula for computing the daily interest rate is:

Principal x 7.99% / 365 days = Daily Interest Rate

If you have any questions regarding this matter, please contact me at (913) 236-2856.

Sincerely yours,

Gerald F. Lee
Financial Management Officer

Enclosure
Bill No. 1T025
Cost Summary

cc: Steve Kinser, WSTM
Scott Pemberton, CNSL
Wilma Rennison, FNMG

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:
Joseph M. Kwasnik, Mgr.
Water and Solid Waste
New England Power Service
25 Research Drive
Westborough, MA 01582-
0099

4. Article Number
P 402 730 761

Type of Service:
☐ Registered ☐ Insured
☑ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee
X

6. Signature — Agent
X

7. Date of Delivery

8. Addressee's Address *(ONLY if requested and fee paid)*

WESTBOROUGH, MA
MAR 26 1991
USPO

PS Form 3811, Apr. 1989 ★U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

W/P SECTION: A-2
PAGE:
NAME: L Long
DATE: 4/1/91

Memo For The Record

Date: 3/7/91
Time: 10:00 AM
Place: 3RD FLOOR CONFERENCE ROOM
CNSL: Scott Pemberton, Attorney
FNMB: Dave Pitt, Accountant
Linda Long, Accountant

Discussion: Martha Rose (BS)

1. Scott will ask Steve Kinser to send a memo to FNMB stating what costs are RI/FS (P codes). We will attach this to the Timesheets.

2. It was also agreed that Scott will write FNMB a memo concerning the wire transfer. He plans to word it to state that it is EPA's policy for wire transfers over $25,000 even though the order states certified check.

3. Scott took his revised draft letter and the marked copy of the CDMS report.

W/P SECTION: A-3-1
PAGE:
NAME: L Long
DATE: 3/7/91

J. Scott had requested a copy of any previous billings to Martha Rose and a copy of the checks. The attached was provided.

Note: Wilma R. did not have a copy of the letter or billing for the check in the amount of $8,415.07

W/P SECTION: A-3-1
PAGE:
NAME: L Long
DATE: 3/7/91

FOIA Exemptions 4, 6

02-21-90 [redacted]

CD093
2/26/90

Mellon Bank

CRESTAR
Crestar Bank
Washington, DC

456080

Cashier's Check

Feb. 15 19 90 15-52/540

Pay To The Order Of ****EPA HAZARDOUS SUBSTANCE SUPER FUND******** $ 36,657.40

PAY EXACTLY 36657 40 CTS Dollars

Purchaser Site: Martha C. Rose

Frances L Effers
Counter Signature

[redacted]

W/P SECTION: A-3-1
PAGE:
NAME: L Long
DATE: 3/7/91

07 ROSE

OT 009

JAN 10 1990

Mr. Jene Robinson
Chairman
Rose Chemical Steering Committee
500 S. 27th Street
Decatur, Illinois 62525

Dear Mr. Robinson: 07

Re: Martha C. Rose RI/FS Oversight - Cost Recovery

Pursuant to Article VI.D. of the Administrative Order on Consent, Docket No. 87-F-0007, the Environmental Protection Agency (EPA) hereby submits the enclosed accounting of the costs incurred in overseeing and reviewing the remedial investigation/feasibility study (RI/FS) activities during the federal fiscal year (FY) 1989. The enclosed accounting reflects costs incurred during FY 1989 for which disbursements have been made. Please be advised that costs may have been incurred during FY 1989, but not disbursed by October 1, 1989. Those costs will be billed to Respondents in the next accounting submission following the end of FY 1990.

In accordance with Article VI.D. of the order, please remit a cashier's check in the amount of $36,657.40, payable to the "EPA Hazardous Substance Superfund," within thirty (30) days of your receipt of this letter. Please note the following change in the location to which the cashier's check must be submitted.

Melton Bank
Attn: Superfund Accounting
EPA Region VII
(Comptroller Branch)
P.O. Box 360748M
Pittsburgh, Pennsylvania 15251

07 was supposed to be .47 but I did not think it would be cost wise to go after the extra 7¢. WJR 3/7/90

The Check should be annotated with the site name and site-specific identification number which is 07-D8. A copy of the transmittal letter and cashiers check should be sent to me.

WSTM:SPFD:REML:vh:KINSER January 8, 1990 2:89COSTRE

REML	CNSL	REML	SPFD
KINSER	PEMBERTON	KING	MORBY
SEK 1-9-90	1-09-90	1-9-90	MORBY 1/10/90

W/P SECTION: A-3
PAGE:
NAME: L Long
DATE: 3/7/90

OTE B07WP 8D

Interest shall begin to accrue on the total amount owed and specified in this letter on the thirty-first day following receipt of this letter. The interest rate is determined by the Secretary of the Treasury and shall apply to the unpaid balance until the amount demanded by this letter and any accrued interest have been paid in full. The current interest rate is 8.47 percent per annum from the period of October 1, 1989 to September 30, 1990.

If you have any questions regarding this matter please, contact me at (913) 236-2856.

Sincerely yours,

Steven E. Kinser
Remedial Project Manager
Removal Enforcement Section
Superfund Branch
Waste Management Division

cc: Sheldon A. Zable, Esquire

bcc: Scott Pemberton, CNSL

W/P SECTION: A-3-1
PAGE:
NAME: LLong
DATE: 3/7/91

EXPENDITURE SUMMARY

MARTHA C. ROSE CHEMICAL SUPERFUND SITE (8D)

RI/FS COSTS ONLY

EPA PERSONNEL	130.5 HOURS	$2,942.90
EPA OVERHEAD	$61/HOUR	$7,960.50
OVERSIGHT CONTRACTOR	578 HOURS	$25,754.00

TOTAL COSTS: $36,657.40

W/P SECTION: A-3-1
PAGE:
NAME: L Long
DATE: 3/2/91

Exhibit H

REPORTING SUPERFUND LOCKBOX COLLECTION

TO: EPA3394 - Ivery Jacobs

SUBJECT: Daily Superfund Trust Fund Collection Report

TEXT: Contact Person - Wilma Rennison
FTS 913-551-7352

Superfund Deposit Log Number: CD093

Appropriation Receipt Symbol: 20X8145.4

Amount Deposited: 36,657.40

Date Deposited: 2/26/90

Superfund A/R Control Number: 0T009

SSID No./Site Name: 0TFA07WP8D - Martha Rose Chemical

W/P SECTION: A-3-1
PAGE:
NAME: L Bay
DATE: 3/7/91

Exhibit H

SAMPLE FORMAT OF EMAIL TO FRAB
REPORTING SUPERFUND LOCKBOX COLLECTION

TO: EPA3394 - Ivery Jacobs
SUBJECT: Daily Superfund Trust Fund Collection Report
TEXT:
Contact person - Wilma Rennison FTS-913-551-7352
Superfund Deposit Log Number: CD093
Appropriation Receipt Symbol: - 20X8145.4
Amount Deposited: 36,657.40
Date Deposited: 2/26/90
Superfund A/R Control Number: OT009
SSID No./Site Name: OTFA07WP8D - Martha Rose Chemical

W/P SECTION: A-3-1
PAGE:
NAME: L Long
DATE: 3/7/91

FOIA Exemptions 4, 6

9T7/2 CD990
3/8/89

03-06-89 [redacted]

Mellon Bank

CRESTAR
Crestar Bank, N.A.
Washington, DC

Cashier's Check

419310

February 28 19 89 15-52/540

Pay To The Order Of **EPA Hazardous Substance Super Fund** $ **8,415.07**

PAY EXACTLY 8415 07/00 Dollars

Purchaser Site: Martha C. Rose
ID# 07-~~D8~~ 8D

Counter Signature

[redacted]

W/P SECTION: A-3-1
PAGE:
NAME: L Long
DATE: 3/7/90

MEMO FOR THE RECORD

DATE: 4/5/91
TIME: 12:30
CNSL: SCOTT PEMBERTON, CNSL
FNMG: LINDA LONG, OPERATING ACCOUNTANT

DISCUSSION: RECEIVED VOICE MAIL CONCERNING MARTHA ROSE BILLING

I had previously told Scott that the PRP wants a copy of the state cooperative agreement. Scott said that it is a matter of public record and there is no CBI; however, he did say to contact the state to see if they have a problem with EPA releasing the agreement to the PRP. He did say to redact the names of the other sites.

W/P SECTION: A-3-2
PAGE:
NAME: L Long
DATE: 4/5/91

MEMO FOR THE RECORD

DATE: 4/5/91
TIME: 1:00
GRAD: CAROL ROMPAGE, GRANTS ADMINISTRATION SECTION CHIEF
FNMG: LINDA LONG, OPERATING ACCOUNTANT

DISCUSSION: MO STATE COOPERATIVE AGREEMENT

I explained to Carol that the PRP had called Jerry and requested a copy of the state cooperative agreement. I said that I spoke to Scott Pemberton and he said it is a matter of public record; however, we should contact the state to ask if they have any concern with releasing the information. Carol said that they do not release the agreements to a third party unless they receive a FOIA request from the PRP's attorney. Carol will discuss with Pat Hirsch in Regional Counsel on Monday 4/8/91 and let me know what channels the PRP should go through.

W/P SECTION: A-3-3
PAGE:
NAME: L Long
DATE: 4/5/91

MEMORANDUM:
SUBJECT: MARTHA C. ROSE CHEMICAL SITE (8D) COST RECOVERY

Steven E. Kinser 3/13/91

FROM : STEVEN E. KINSER
REML

TO : DAVE PIET
FNMG

Scott Pemberton is sending you a draft letter concerning cost recovery for this site for RI/FS oversight during FY 90. He has ask that I provide you the certification concerning the RI/FS oversight cost for that period. I have marked the costs that I believe to be the RI/FS oversight costs for FY 90 on the attached cost summary package. I have not shown any costs for Scott Pembertion since he stated that all of his costs for RI/FS oversight have been entered in his time sheets with a 'P' code and the word I received was that none of the hours for Scott in FY 90 were P coded. Please check this out as Scott felt that he had reported some hours as such. I have not marked any hours for FNMG since I have no direct knowledge of the tasks done by FNMG for the hours reported.

To the best of my knowledge the following summary represents the RI/FS oversight cost for FY 90.

Regional Payroll Expenses.....$ 8219.48

Regional Travel Expenses.....$ 147.29

EPA Indirect Cost.....$19,398.00

Remedial Contract.....$30,850.00

State Cooperative Agreement.....$ 3067.00

TOTAL EPA EXPENDITURES.....$61,681.77

I checked with the contractor to determine the cost spent only on the RI/FS activities and the $30,850 was the cost that was reported as that charged to RI/FS oversight. I would expect that the only additional costs which would be added to the above would be costs that could be identified for Scott Pemberton or FNMG. If you have any questions please call me at x7728.

COST SUMMARY DATE: 02/19/91 Page 1
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /

Corrected for RI/FS oversight Only

(Analysis Time Frame: 10/01/89 to 11/13/90)

EPA EXPENDITURES

		8219.36
		8219.48
REGIONAL PAYROLL EXPENSES ..... $	~~31894.78~~	~~8712.21~~
REGIONAL TRAVEL EXPENSES	147.29	
		19 398
EPA INDIRECT COST	~~43340.50~~	~~20,257.10~~
HEADQUARTERS PAYROLL EXPENSES	~~157.99~~	0.00
HEADQUARTERS TRAVEL EXPENSES	0.00	

INTERAGENCY AGREEMENTS (IAG)

- DEPARTMENT OF JUSTICE (DW15240101).....	~~14714.40~~	0.00
- DEPARTMENT OF JUSTICE (DW15341501).....	~~1325.65~~	0.00

MISCELLANEOUS EXPENDITURES (MIS)

- (DW15365401).....	~~2994.19~~	0.00

NATIONAL ENFORCEMENT INVESTIGATION (NEI) CENTER EXPENSES

- TECHLAW-CONTRACT EVIDENCE AUDIT TEAM (68-01-7369).....	~~26.12~~	0.00

REMEDIAL (REM) CONTRACT

- CH2M HILL (68-01-7251).....	~~61260.50~~	30,850.00

STATE COOPERATIVE AGREEMENTS (SCA)

- (732101).....	3067.00	2640.00

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

RECEIVED
FEB 20 1991
REML SECTION

Indirect Costs

61•0000	+
122•0000	+
488•0000	+
61•0000	+
30•5000	+
91•5000	+
30•5000	+
335•5000	+
30•5000	+
1,037•0000	+
2,074•0000	+
61•0000	+
732•0000	+
1,098•0000	+
1,342•0000	+
1,220•0000	+
884•5000	+
152•5000	+
427•0000	+
366•0000	+
1,860•5000	+
1,647•0000	+
1,708•0000	+
183•0000	+
732•0000	+
1,098•0000	+
488•0000	+
366•0000	+
122•0000	+
305•0000	+
244•0000	+
Indirect 19,398•0000	*

Payroll

0•	C
0•	C
22•0400	+
20•2200	+
236•5700	+
11•0200	+
5•7100	+
17•2100	+
13•0700	+
143•6800	+
13•0700	+
414•2900	+
828•7900	+
24•3700	+
292•5000	+
456•7700	+
558•2900	+
545•7800	+
395•5300	+
68•2200	+
191•0300	+
163•7400	+
832•3200	+
736•8000	+
764•0000	+
81•8700	+
327•4700	+
491•2100	+
218•2900	+
137•1400	+
77•1400	+
86•2300	+
44•9900	+
Payroll 8,219•3600	*

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /

(Analysis Time Frame: 10/01/89 to 11/13/90)

EPA EXPENDITURES

- ECOLOGY AND ENVIRONMENT (68-01-7368)..... ~~15.64~~ 0.00

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

- METCALF & EDDY (68-W9-0007)..... ~~17250.40~~ 0.00

TOTAL EPA EXPENDITURES..... ~~176194.46~~ ~~63,349.60~~
~~61,551.48~~
~~61,681.77~~
61,254.65

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
ANDERSON, JOHN C. SUPERVISORY BUDGET ANALYST	90	03	07H	3.00	72.11
				3.00	72.11
CALOW, MARION S. ENVIRONMENTAL ENGINEER	90	23	07K	1.00	22.04
				1.00	22.04
CRANK, JEAN A. SECRETARY (STENOGRAPHY)	91	03	07D	2.00	28.52
				2.00	28.52
CROSSLAND, STEFFANIE G. CHEMIST	90	17	07M	2.00	20.22
				2.00	20.22
HESS, GEORGE K. ENVIRONMENTAL SCIENTIST	90	17	07M	8.00	236.57
				8.00	236.57
HOOPES, GAYLE LEGAL INTERN	90	18	07D	1.00	10.42
				1.00	10.42
HUNT, VIOLET M. SECRETARY (TYPING)	90	08	07W	1.00	11.02
	90	13	07W	0.50	5.71
	90	15	07W	1.50	17.21
	~~90~~	~~22~~	~~07W~~	~~2.00~~	~~23.63~~
				3 ~~5.00~~	~~57.57~~ 33.44
KERSBERGEN, DONNA G. OPERATING ACCOUNTANT	90	07	07H	1.00	19.18
				1.00	19.18
KING, RONALD E. SUPERVISORY ENVIRONMENTAL ENGINEER	90	09	07W	0.50	13.07
	90	10	07W	5.50	143.68
	90	11	07W	0.50	13.07

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME / JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT	
KING, RONALD E.	~~90~~	~~22~~	~~07W~~	~~2.00~~	~~52.24~~	
	~~90~~	~~23~~	~~07W~~	~~1.00~~	~~26.13~~	
	~~90~~	~~25~~	~~07W~~	~~0.20~~	~~6.54~~	
	~~90~~	~~26~~	~~07W~~	~~0.50~~	~~13.07~~	
	91	01	07W	0.70	19.61	
	91	02	07W	4.00	104.49	
	91	03	07W	2.20	58.79	169.82
	91	04	07W	5.00	134.29	~~227.06~~
				6.5 ~~22.10~~ ~~10.2~~	~~584.98~~	~~267.80~~
KINSER, STEVEN E.	90	02	07W	17 ~~26.00~~	633.77	414.29
ENVIRONMENTAL ENGINEER (RPM)	90	03	07W	34.00	828.79	
	90	05	07W	1.00	24.37	
	90	06	07W	12.00	292.50	
	90	07	07W	2.00	48.76	
	90	09	07W	18 ~~24.00~~	~~609.03~~	456.77
	90	10	07W	22 ~~29.00~~	~~735.93~~	558.29
	90	11	07W	20 ~~22.00~~	~~600.36~~	545.78
	90	12	07W	14.50	395.53	
	90	13	07W	2.5 ~~9.50~~	~~259.24~~	68.22
	90	14	07W	7.00	191.03	
	90	15	07W	6 ~~7.00~~	~~191.03~~	163.74
	90	16	07W	1.00	27.30	
	90	21	07W	30.50	832.32	
	90	22	07W	27 ~~32.50~~	~~886.89~~	736.80
	90	23	07W	28 ~~66.00~~	~~1801.08~~	764.09
	90	24	07W	3 ~~23.00~~	~~627.65~~	81.87
	90	25	07W	12 ~~19.00~~	~~518.49~~	327.47
	90	26	07W	18 ~~26.00~~	~~709.52~~	491.21
	90	27	07W	8 15.00	~~409.29~~	218.29
	91	01	07W	6.00	163.73	
	91	02	07W	43.00	1173.30	
	91	03	07W	56.00	1528.18	
	91	04	07W	35.00	954.95	
				280.5 ~~541.00~~	~~14443.04~~	7391.36 ,27
KROONE, JANICE J.	90	17	07M	6.00	137.14	
INDUSTRIAL HYGIENIST						
				6.00	137.14	
X ~~LAMBERT, JANETTE L.~~	~~91~~	~~04~~	~~07B~~	~~5.00~~	~~93.09~~	
ENVIRONMENTAL PROTECTION SPECIALIST						

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
				~~5.00~~	~~93.09~~
~~LANGEMEIER, RALPH N.~~ ~~SUPERVISORY ENVIRONMENTAL ENGINEER~~	~~90~~	~~23~~	~~07K~~	~~1.00~~	~~33.73~~
				~~1.00~~	~~33.73~~
MCCULLERS, RUBEN B. CIVIL INVESTIGATOR	90	01	07W	44.00	979.17
	90	03	07W	48.00	1055.87
	90	22	07W	4.00	95.21
				96.00	2130.25
MICHAELS, ROWENA L. PUBLIC AFFAIRS OFFICER	90	03	07G	1.00	34.98
	90	23	07G	1.00	37.80
				2.00	72.78
MICINSKI, CHERYLE L. SUPERVISORY GENERAL ATTORNEY	90	02	07D	1.00	28.17
	90	08	07D	0.50	13.93
	90	09	07D	0.50	14.49
	90	10	07D	1.50	43.97
	90	18	07D	0.50	14.49
	90	21	07D	0.50	14.66
	90	23	07D	1.50	43.81
				6.00	173.52
MORBY, ROBERT L. HAZARDOUS MATERIALS OFFICER	90	10	07W	2.00	77.14
	~~90~~	~~23~~	~~07W~~	~~2.90~~	~~113.72~~
	~~90~~	~~25~~	~~07W~~	~~1.00~~	~~38.46~~
	91	02	07W	2.00	76.15
	91	03	07W	1.00	38.08
	91	04	07W	2.00	78.17
			2 ~~5.9~~	~~10.90~~	~~421.72~~ ~~221.34~~ 77.14
PEARL, KAREN S. PARALEGAL SPECIALIST	90	08	07D	1.00	12.20
	90	10	07D	2.00	25.50
	90	15	07D	1.00	12.72
	90	17	07D	25.00	318.63
	90	18	07D	3.00	38.22
	90	19	07D	1.00	12.72
	90	20	07D	2.00	25.46

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
PEARL, KAREN S.	90	22	07D	1.00	12.74
				36.00	458.19
PEMBERTON, JAMES SCOTT GENERAL ATTORNEY	90	04	07D	6.50	165.33
	90	06	07D	1.70	43.13
	90	07	07D	6.20	157.80
	90	08	07D	7.50	190.81
	90	09	07D	5.70	150.84
	90	10	07D	13.50	357.64
	90	11	07D	7.50	198.54
	90	12	07D	12.70	336.28
	90	14	07D	10.00	264.91
	90	15	07D	17.50	463.45
	90	16	07D	17.20	456.99
	90	17	07D	12.20	323.15
	90	18	07D	1.00	26.47
	90	19	07D	2.20	58.23
	90	21	07D	0.20	6.82
	90	22	07D	4.20	115.73
	90	23	07D	29.00	789.64
	90	24	07D	9.00	245.05
	90	25	07D	8.20	224.65
	90	26	07D	1.50	40.69
	90	27	07D	0.70	18.97
	91	01	07D	1.70	46.21
	91	02	07D	18.00	490.11
	91	03	07D	46.90	1279.30
	91	04	07D	42.20	1149.01
				283.00	7599.75
PETERSON, MARY P. ENVIRONMENTAL ENGINEER	90	09	07W	4.00	78.44
				4.00	78.44
PIET, DAVID A. OPERATING ACCOUNTANT	90	16	07H	9.00	207.14
	90	17	07H	1.00	23.01
	91	03	07H	1.00	23.63
				11.00	253.78
REID, DIANA G. PARALEGAL SPECIALIST	90	01	07D	25.00	375.60
	90	02	07D	106.50	1709.20

I did have P-Codes for FY-90
Please recheck
Scott

The Timesheets for FY90 do not reflect P-Codes
Linda

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARIHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT
REID, DIANA G.	90	03	07D	63.50	999.32
	90	22	07D	4.00	69.96
	90	24	07D	9.00	178.59
				208.00	3332.67
RITTER, RONALD R. CONGRESSIONAL AND INTERGOVERNMENTAL	90	03	07B	1.00	35.60
	90	23	07B	2.00	76.98
				3.00	112.58
ROBERDES, SUZANNE CHEMIST	90	17	07M	5.00	86.23
				5.00	86.23
SHEEHY, JOSEPH E. CIVIL INVESTIGATOR	90	09	07W	0.00	0.00
				0.00	0.00
SOUSLEY, JOYCE A. SECRETARY (TYPING)	90	04	07D	1.00	11.36
	90	09	07D	3.00	35.73
	90	26	07D	18.00	225.52
				22.00	272.61
STEINCAMP, MARIHA R. REGIONAL COUNSEL	90	03	07D	1.00	35.87
				1.00	35.87
TINSON, HELEN L.	91	02	07G	8.00	98.87
	91	03	07G	2.00	24.72
	91	04	07G	5.00	61.79
				15.00	185.38
~~WAGONER, DAVID A.~~ DIRECTOR, WASTE MANAGEMENT DIVISION	~~90~~	~~23~~	~~07W~~	~~2.00~~	~~85.28~~
	91	03	07W	1.00	42.09
				~~2.00~~ ~~3.00~~	~~127.37~~ 85.28
WASHINGTON, BEVERLY A. FINANCIAL MANAGEMENT ASSISTANT	90	09	07H	51.00	733.17

U.S. EPA REGION VII PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	OFFICE CODE	PAYROLL HOURS	PAYROLL AMOUNT	
				51.00	733.17	
WERST, JOLLEEN G.	90	09	07W	4.00	44.99	
~~ENVIRONMENTAL PROTECTION~~	~~90~~	~~23~~	~~07W~~	~~1.50~~	~~16.87~~	
SPECIALIST						
				4 ~~5.50~~	~~61.86~~	44.99
			~~337.1~~	~~1360.50~~	~~31894.78~~	~~8722.21~~
			318.00			~~8271.72~~ 8219.~~48~~.36

U.S. EPA REGION VII TRAVEL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM 10/01/89 TO 11/13/90

TRAVELER NAME	TRAVEL VOUCHER NUMBER	TREASURY SCHEDULE NUMBER	TREASURY SCHEDULE DATE	TRAVEL COST
	9007DA0051		11/29/89	37.20
	9007DA0136		03/16/90	12.85
	0007DA0795		10/02/89	15.38
	0007DA0800		10/31/89	43.00
	0007WC0912		10/31/89	38.86
				147.29
				147.29

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

ACCOUNTING PERIOD	FISCAL YEAR	PAYROLL HOURS	INDIRECT RATE	INDIRECT COSTS	
FISCAL YEAR	90	318 ~~337.1 552.60~~	61.00	~~33708.60~~	14398.00 ~~20,513.10~~
FISCAL YEAR	91	157.90	61.00	9631.90	
TOTAL :		710.50		43340.50	

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS	
CALOW, MARION S.	90	K	23	1.00	61.00	61.00	
				1.00		61.00	
CROSSLAND, STEFFANIE G.	90	M	17	2.00	61.00	122.00	
				2.00		122.00	
HESS, GEORGE K.	90	M	17	8.00	61.00	488.00	
				8.00		488.00	
HUNT, VIOLET M.	90	W	08	1.00	61.00	61.00	
		W	13	0.50	61.00	30.50	
		W	15	1.50	61.00	91.50	
		~~W~~	~~22~~	~~2.00~~	~~61.00~~	~~122.00~~	
				~~3~~.00		~~305.00~~	183
KING, RONALD E.	90	W	09	0.50	61.00	30.50	
		W	10	5.50	61.00	335.50	
		W	11	0.50	61.00	30.50	
		~~W~~	~~22~~	~~2.00~~	~~61.00~~	~~122.00~~	
		~~W~~	~~23~~	~~1.00~~	~~61.00~~	~~61.00~~	
		~~W~~	~~25~~	~~0.20~~	~~61.00~~	~~12.20~~	
		~~W~~	~~26~~	~~0.50~~	~~61.00~~	~~30.50~~	
			6.5	10.20		~~622.20~~	396.5
KINSER, STEVEN E.	90	W	02	17 26.00	61.00	1586.00	1037
		W	03	34.00	61.00	2074.00	
		W	05	1.00	61.00	61.00	
		W	06	12.00	61.00	732.00	
		W	07	~~2.00~~	61.00	~~122.00~~	
		W	09	18 ~~24.00~~	61.00	~~1464.00~~	1098.00
		W	10	22 ~~29.00~~	61.00	~~1769.00~~	1342.00
		W	11	20 ~~22.00~~	61.00	~~1342.00~~	1220.00
		W	12	14.50	61.00	884.50	
		W	13	2.5 ~~9.50~~	61.00	~~579.50~~	152.60
		W	14	7.00	61.00	427.00	
		W	15	6 ~~7.00~~	61.00	~~427.00~~	366

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
KINSER, STEVEN E.	90	W	16	~~1.00~~	61.00	~~61.00~~
		W	21	30.50	61.00	1860.50
		W	22	27 ~~32.50~~	61.00	~~1982.50~~ 1647.00
		W	23	28 ~~66.00~~	61.00	~~4026.00~~ 1708.00
		W	24	3 ~~23.00~~	61.00	~~1403.00~~ 183.00
		W	25	12 ~~19.00~~	61.00	~~1159.00~~ 732.00
		W	26	18 ~~26.00~~	61.00	~~1586.00~~ 1098.00
		W	27	8 ~~15.00~~	61.00	~~915.00~~ 488.00
				~~401.00~~	280.5	~~24461.00~~ 17110.50
KROONE, JANICE J.	90	M	17	6.00	61.00	366.00
				6.00		366.00
X ~~LANGEMEIER, RALPH N.~~	~~90~~	~~K~~	~~23~~	~~1.00~~	~~61.00~~	~~61.00~~
				~~1.00~~		~~61.00~~
MCCULLERS, RUBEN B.	90	W	01	44.00	61.00	2684.00
		W	03	48.00	61.00	2928.00
		W	22	4.00	61.00	244.00
				96.00		5856.00
MORBY, ROBERT L.	90	W	10	2.00	61.00	122.00
		~~W~~	~~23~~	~~2.90~~	~~61.00~~	~~176.90~~
		~~W~~	~~25~~	~~1.00~~	~~61.00~~	~~61.00~~
				2 ~~5.90~~		~~359.90~~ 122
PETERSON, MARY P.	90	W	09	4.00	61.00	244.00
				4.00		244.00
ROBERDES, SUZANNE	90	M	17	5.00	61.00	305.00
				5.00		305.00
SHEEHY, JOSEPH E.	90	W	09	0.00	61.00	0.00
				0.00		0.00

US EPA INDIRECT COSTS (IDC) ALLOCATION - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME	FISCAL YEAR	OFFICE CODE	PAY PERIOD	PAYROLL HOURS	INDIRECT RATES	INDIRECT COSTS
~~WAGONER, DAVID A.~~	~~90~~	~~W~~	~~23~~	~~2.00~~	~~61.00~~	~~122.00~~
				~~2.00~~		~~122.00~~
WERST, JOLLEEN G.	90	W	09	4.00	61.00	244.00
		~~W~~	~~23~~	~~1.50~~	~~61.00~~	~~91.50~~
				4 ~~5.50~~		~~335.50~~ 244
TOTAL PER FISCAL YEAR	90		3 18	~~552.60~~	337.1	~~33708.60~~ ~~20,563.10~~ 19,398
KING, RONALD E.	91	W	01	0.70	61.00	42.70
		W	02	4.00	61.00	244.00
		W	03	2.20	61.00	134.20
		W	04	5.00	61.00	305.00
				11.90		725.90
KINSER, STEVEN E.	91	W	01	6.00	61.00	366.00
		W	02	43.00	61.00	2623.00
		W	03	56.00	61.00	3416.00
		W	04	35.00	61.00	2135.00
				140.00		8540.00
MORBY, ROBERT L.	91	W	02	2.00	61.00	122.00
		W	03	1.00	61.00	61.00
		W	04	2.00	61.00	122.00
				5.00		305.00
WAGONER, DAVID A.	91	W	03	1.00	61.00	61.00
				1.00		61.00
TOTAL PER FISCAL YEAR	91			157.90		9631.90
				710.50		43340.50

U.S. EPA HEADQUARTERS PAYROLL COST - CUMULATIVE SUMMARY
HAZARDOUS SUBSTANCE RESPONSE SITE # 7 8D
MARTHA C. ROSE
FROM PAY PERIOD 01 OF FISCAL YEAR 1990 TO PAY PERIOD 04 OF FISCAL YEAR 1991

EMPLOYEE NAME JOB TITLE	FISCAL YEAR	PAY PERIOD	PAYROLL HOURS	PAYROLL AMOUNT
MOZLEY, SALLY R. UNCLASSIFIED POSITION	90	19	6.00	157.99
			6.00	157.99
			6.00	157.99

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 11/13/90

INTERAGENCY AGREEMENT (IAG)

AGENCY: DEPARTMENT OF JUSTICE

IAG NO: DW15240101

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL IAG COST: $ 14714.40

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	90063	02/02/90	6833.31
	/ /	0.00	90063	02/02/90	1538.72
	/ /	0.00	27900	02/16/90	7881.09
	/ /	0.00	27900	02/26/90	1538.72
	/ /	0.00	90063	08/30/90	-3077.44

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 11/13/90

INTERAGENCY AGREEMENT (IAG)

AGENCY: DEPARTMENT OF JUSTICE

IAG NO: DW15341501

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL IAG COST: $ 1325.65

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	27907	10/25/89	1325.65

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 11/13/90

MISCELLANEOUS (MIS) EXPENDITURES

VENDOR	PROCUREMENT NUMBER	SUMMARY OF SERVICE	SERVICE DATE	REQUESTOR	VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	SCHED. NUMBER	SCHEDULE DATE	SITE AMOUNT
	DW15250101		/ /			/ /	0.00	90063	01/18/90	8811.22
	DW15250101		/ /			/ /	0.00	90063	01/30/90	-8811.22
	DW15365401		/ /			/ /	0.00	90138	03/14/90	15.87
	DW15365401		/ /			/ /	0.00	27901	03/16/90	1113.57
	DW15365401		/ /			/ /	0.00	27901	03/21/90	1864.75

Subtotal for the Vendor: $ 2994.19

Total Miscellaneous Expenditures: $ 2994.19

Documentation: Copies of Applicable Paid Vouchers and Treasury Schedules

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 11/13/90

NATIONAL ENFORCEMENT INVESTIGATION CENTER (NEIC)

CONTRACTOR: TECHLAW-CONTRACT EVIDENCE AUDIT TEAM

CONTRACT NO: 68-01-7369

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 26.12

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	R9021	01/23/90	33.43
	/ /	0.00	R8991	01/24/90	68.40
	/ /	0.00	R9040	02/01/90	3.49
	/ /	0.00	R8976	02/22/90	-186.45
	/ /	0.00	02522	08/12/90	107.25

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 11/13/90

REMEDIAL (REM) CONTRACT

CONTRACTOR: CH2M HILL

CONTRACT NO: 68-01-7251

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 61260.50

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	08969	10/24/89	1888.93
	/ /	0.00	08987	11/06/89	8118.39
	/ /	0.00	08987	11/06/89	68.70
	/ /	0.00	08987	11/06/89	1720.24
	/ /	0.00	09009	12/11/89	2865.12
	/ /	0.00	09045	02/02/90	481.23
	/ /	0.00	09048	02/07/90	187.00
	/ /	0.00	09050	02/09/90	2123.85
	/ /	0.00	09070	03/12/90	1031.15
	/ /	0.00	09090	04/09/90	10320.12
	/ /	0.00	09114	05/11/90	3997.81
	/ /	0.00	09135	06/12/90	6808.17
	/ /	0.00	09156	07/12/90	2220.23
	/ /	0.00	09176	08/09/90	1841.44
	/ /	0.00	09205	09/20/90	6277.85
	/ /	0.00	09221	10/15/90	11310.27

Total RI/FS Oversight 30,850.00
per Contractor Accounting

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 11/13/90

STATE COOPERATIVE AGREEMENT (SCA)

STATE:

STATE COOPERATIVE AGREEMENT NUMBER: 732101

SUMMARY OF SERVICE:

TOTAL SCA COST: $ ~~3067.00~~ 2640.00

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
446000987	/ /	0.00	07900	08/28/90	2640.00
446000987	/ /	0.00	07910	~~10/30/90~~	~~427.00~~ not in FY 90

COST SUMMARY DATE: 02/19/91
MARIHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 11/13/90

TECHNICAL ASSISTANCE TEAM (TAT) CONTRACT

CONTRACTOR: ECOLOGY AND ENVIRONMENT

CONTRACT NO: 68-01-7368

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 15.64

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	R8970	10/25/89	15.64

COST SUMMARY DATE: 02/19/91
MARTHA C. ROSE, (SSID = 7 8D)
Prepared: / /
Cost Data From 10/01/89 To 11/13/90

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

CONTRACTOR: METCALF & EDDY

CONTRACT NO: 68-W9-0007

PROJECT OFFICER:

DATES OF SERVICE: FROM: / / TO: / /

SUMMARY OF SERVICE:

TOTAL CONTRACTOR COST: $ 17250.40

DOCUMENTATION: Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND TRANSACTION DATE		SITE AMOUNT
	/ /	0.00	R9123	06/14/90	0.94
	/ /	0.00	R9098	07/10/90	17157.41
	/ /	0.00	R9231	11/09/90	92.05

COST SUMMARY DATE: 02/19/91
Prepared: / /

NARRATIVE SUMMARY/STATEMENT OF FACTS - COSTS FOR MARTHA C. ROSE, (7 8D)

(Analysis Time Frame: 10/01/89 to 11/13/90)

1. The United States Environmental Protection Agency has incurred costs of at least $ 14714.40 for Interagency Agreement contract expenditures. The total represents the amount spent under the DEPARTMENT OF JUSTICE Contract.

2. The United States Environmental Protection Agency has incurred costs of at least $ 1325.65 for Interagency Agreement contract expenditures. The total represents the amount spent under the DEPARTMENT OF JUSTICE Contract.

3. The United States Environmental Protection Agency has incurred costs of at least $ 2994.19 for Miscellaneous contract expenditures. The total represents the amount spent under the Contract.

4. The United States Environmental Protection Agency has incurred costs of at least $ 26.12 for National Enforcement Investigations Center contract expenditures. The total represents the amount spent under the TECHLAW-CONTRACT EVIDENCE AUDIT TEAM Contract.

5. The United States Environmental Protection Agency has incurred costs of at least $ 61260.50 for Remedial contract expenditures. The total represents the amount spent under the CH2M HILL Contract.

6. The United States Environmental Protection Agency has incurred costs of at least $ 3067.00 for State Cooperative Agreement contract expenditures. The total represents the amount spent under the Contract.

7. The United States Environmental Protection Agency has incurred costs of at least $ 15.64 for Technical Assistance Team contract expenditures. The total represents the amount spent under the ECOLOGY AND ENVIRONMENT Contract.

8. The United States Environmental Protection Agency has incurred costs of at least $ 17250.40 for Technical Enforcement Support contract expenditures. The total represents the amount spent under the METCALF & EDDY Contract.

9. The United States Environmental Protection Agency has incurred costs of at least $ 31894.78 for regional payroll expenses.

10. The United States Environmental Protection Agency has incurred costs of at least $ 147.29 for regional travel expenses.

11. The United States Environmental Protection Agency has incurred costs of at least $ 43340.50 for EPA indirect costs.

COST SUMMARY DATE: 02/19/91
Prepared: / /

NARRATIVE SUMMARY/STATEMENT OF FACTS - COSTS FOR MARTHA C. ROSE, (7 8D)

(Analysis Time Frame: 10/01/89 to 11/13/90)

12. The United States Environmental Protection Agency has incurred costs of at least $ 157.99 for headquarters payroll expenses.

13. The United States Environmental Protection Agency has incurred costs of at least $ 0.00 for headquarters travel expenses.

Total EPA expenditures on this site are at least $ 176194.46

COMPTROLLER BRANCH
1991 MAR 14 P 12:02

7-8D
10/1/80 – 12/26/92

File in 8D file.

JCA.

(1.) SCORES Report 10/19/94

I Regional Payroll

A) Need T/Sheets for:

Requested of LAT out 10/20/94

			Indir
1)	Crawford, David	90 ~~Aug.~~/August	X
~~2)~~	~~Hess, George~~	~~92/P.P. 10~~	
3)	Jacks, Diann.	92/P.P. 11	X
4)	King, Ronald	92/P.P. 11	X
~~5)~~	~~[illegible]~~ "	92/P.P. 15	X
5)	Micinski, Chuyle	90/P.P. 13	—
6)	Miller, Carol	88/P.P. 06	—
~~7)~~	~~[illegible]~~ "	88/P.P. 25	—
7)	Moore, Donna	93/P.P. 05	—
		93/P.P. 06	—
8)	Morby, Robert	92/P.P. 09	X
		92/P.P. 11	X
		92/P.P. 12	X
9)	Ritter, Ronald	92/P.P. 13	—
10)	Sousley, Joyce	90/P.P. 05	—
11)	Washington, Beverly	91/P.P. 11	—
12)	Werst, Jolleen	92/P.P. 14	X
13)	Hoard, Christine	92/P.P. 15	X

~~B). [illegible] Keener, Ann 078 gets Indirect for 93/20 + not for 91/01, 26 + 92/18~~

completed 10/20/94 B) Delete Reid, Diana entry 90/01 – CRIM INVEST.

completed 10/20/94 C) Roberdes, Suzanne ✓ T/Sheet 87/19 : Delete – 3.00 hours entry + for Indirect also

H-NO
D-NO
A-NO
G-NO
B-NO

M-Yes
W. "
K. Yes

II. Indirect

~~A)~~ Missing Hess, George for 92/15

out corrected

Why does Keena, Ann [07B] get indirect for 93/20

done

Does H.Q. get indirect costs for their hours

III - Contract

~~A)~~ ICF = 68-01-7456 V.#30 change Voucher Amt to 121,188.79

~~B)~~ Miscellaneous - Delete DOJ entries (all out)

~~C)~~ CH2MHill - 68-01-7251

1) V.# 38 change V. Amt to 862,550.62

~~2) V.#49 " " " " 2,849,431.48 2,849,430.48~~

3)

~~D)~~ SCA - 732101

1) Need Cost Doc for new entries (6) NOT OURS

~~E)~~ Weston - 68-01-6669 - Why A.A. Column?

~~F)~~ E+E - 68-01-7368

~~1)~~ V.#11+12 - change V. Amt to 737,992.84

~~2)~~ V# 116 - Change T/S Date to 04/19/91

6) PRC - 68-W9-0006

1) What are new entries need Cost Doc. if legite

2) Make changes in Red

3)

~~H)~~ Met + Eddy - 68-W9-0007 ~~change~~ V# C7-11 change T/S date to 04/18/90

FINAL IFMS RECONCILIATION PENDING

MARTHA C. ROSE, HOLDEN, MO SITE ID = 7-8D

FROM 10/01/80 THROUGH 09/30/94

STATE COOPERATIVE AGREEMENT (SCA)

STATE AGENCY : MISSOURI DEPARTMENT OF NATURAL RESOURCES

SCA NUMBER : 732101

PROJECT OFFICER :

DATES OF SERVICE : FROM : / / TO : / /

SUMMARY OF SERVICE :

TOTAL COSTS : $ 16,781.00

DOCUMENTATION : Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND DATE		SITE AMOUNT
0710000059	07/10/90	13,200.00	0700408	07/11/90	2,640.00
1019000046	10/19/90	10,070.00	07910012	10/22/90	427.00
446000987	10/22/90	33,832.00	G9301	10/30/90	702.00
446000987	10/22/90	33,832.00	G9306	10/30/90	119.00
446000987	10/22/90	33,832.00	G9319	10/30/90	475.00
446000987	10/22/90	33,832.00	G9134	10/30/90	377.00
446000987	10/22/90	33,832.00	G9406	10/30/90	1,740.00
446000987	10/22/90	33,832.00	G9419	10/30/90	296.00
0301000028 9	03/01/91	12,102.00	07910143	03/04/91	554.00
0301000029	03/01/91	12,102.00	07910143	03/04/91	951.00
0017	07/12/91	32,658.32	1638910	07/12/91	1,017.00
0110	09/16/91 2	106,248.00	~~1638910~~ 2259999	~~07/12/91~~ 09/16/92	2,458.00
0046	12/05/91	3,466.00	2251887 7	12/05/91	3,466.00
0077	04/21/92	69,241.00	2255687	04/21/92	485.00
0110	09/16/92	106,248.00	225999 9	09/16/92	1,074.00
					16,781.00

3709.00

1,[illegible]	-
35•00	*
412•00	+
8•00	+
916•00	+
772•00	+
286•00	+
9,930•00	+
16,010•00	+
5,498•00	+
33,832•00	*

Barcode

9100163036 5

UIN# 44600987B1

FINAL IFMS RECONCILIATION PENDING

MARTHA C. ROSE, HOLDEN, MO SITE ID = 7-8D

FROM 10/01/80 THROUGH 09/30/94

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

CONTRACTOR : PLANNING RESEARCH CORPORATION

CONTRACT NUMBER : 68-W9-0006

DELIVERY ORDER INFO : Delivery No. Start Date End Date

0071 / / / /

PROJECT OFFICER :

DATES OF SERVICE : FROM : / / TO : / /

SUMMARY OF SERVICE :

TOTAL COSTS : $ 55,331.73

DOCUMENTATION : Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND DATE		SITE AMOUNT
	09/09/92	131,265.41		10/02/92	
C07-44R	~~11/16/89~~	~~8,625.67~~	93008	~~12/26/89~~	2,410.90
C07-19	10/20/90	76,726.42	09249-YHW	11/23/90	0.34
C07-20	11/20/90	61,673.35	09271	12/26/90	88.66
~~21~~ C07-21	12/20/90	73,371.59	09286	01/17/91	1,845.03
C07-22	01/22/91	63,398.03	9312-YHW	02/26/91	1,044.65
C07-23	02/20/91	53,846.11	09328	03/20/91	3,842.11
C07-25	03/20/91	53,697.57	9348-YHW	04/17/91	9.57
C07-26	04/20/91	138,597.73	09371	05/20/91	4,938.18
C07-27	05/20/91	82,230.65	9396-YHW	06/25/91	316.21
C07-28	06/20/91	86,063.04	09411	07/17/91	552.47
C07-29	07/18/91	120,772.48	09432	08/15/91	239.07
C07-30	08/16/91	79,901.89	91036	09/16/91	257.68
C07-31	09/18/91	130,696.93	92029	10/15/91	3,206.62
C07-32	10/18/91	134,108.85	92107	11/19/91	412.75
C07-34	11/20/91	57,010.78	92163	12/17/91	32.19
93004574004	/ /	0.00	R3872	12/19/91	107.05
94003310822	/ /	0.00	R4060	12/19/91	336.86
94003311560	/ /	0.00	R4139	12/19/91	1,867.93
94003310822	/ /	0.00	R4060	12/19/91	30.78
93003948226	/ /	0.00	R3658	12/19/91	223.76
93003944112	/ /	0.00	R3347	12/19/91	447.47

?

FINAL IFMS RECONCILIATION PENDING

MARTHA C. ROSE, HOLDEN, MO SITE ID = 7-8D

FROM 10/01/80 THROUGH 09/30/94

TECHNICAL ENFORCEMENT SUPPORT (TES) CONTRACT

CONTRACTOR : PLANNING RESEARCH CORPORATION

CONTRACT NUMBER : 68-W9-0006

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND DATE		SITE AMOUNT
9400331 2529	/ /	0.00	R4220	12/19/91	1,135.67
9200460 7798	/ /	0.00	R2505	12/19/91	234.10
9300394 9926	/ /	0.00	R3798	12/19/91	2,433.55
9400331 7210	/ /	0.00	R4526	12/19/91	438.54
9400332 1323	/ /	0.00	R4374	12/19/91	113.64
9400332 2221	/ /	0.00	R4443	12/19/91	85.98
9400331 7973	/ /	0.00	R4602	12/19/91	98.05
9400 3322290	These are correct	0.00	R4300	12/19/91	2,731.93
9400 3323716	barcodes.	0.00	R4678	12/19/91	1,811.97
	/ /	0.00	R4749	12/19/91	30.46
C07-43	07/20/92	33,513.19	~~93130~~ 92735	~~12/19/91~~ 08/18/92	14.82
C07-35	12/19/91	150,330.50	92270	02/07/92	534.34
C07-36	01/18/92	52,703.69	92286	02/14/92	238.68
C07-37	02/14/92	64,917.58	92350	03/13/92	162.04
C07-38	03/17/92	108,119.69	92448	04/22/92	195.91
C07-42	06/20/92	74,638.08	92661	07/21/92	2,721.94
C07-45	09/20/92	70,696.19	93043	10/19/92	688.64
C07-41	05/20/92	71,317.75	92573	6/17 ~~10/22~~/92	10,350.61
C07-46	10/10/92	66,969.02	93128	11/19/92	1,151.74
C07-48	12/20/92	63,528.34	R3265	01/13/93	176.09
C07-51	02/20/93	36,450.96	R3440	03/24/93	1,105.10
C07-53	04/26/93	61,744.60	R3589	05/20/93	1,420.46
C07-52	03/22/92	56,579.85	R3596	05/25/93	2,885.02
C07-47	11/20/92	54,530.39	93197	~~06/17/93~~ 12/16/92	268.28
C07-55	06/21/93	42,380.96	R3724	07/16/93	2,093.89

					55,331.73

?