

## 2021 Hazardous Waste Scanning Project

### File Form Naming Convention.

*(File\_Type).(Program).(Site\_Number).(YYYY-MM-DD).(File\_Name).pdf*

*Note 1: Each category is separated by a period "."*

*Note 2: Each word within category is separated by an underscore "\_"*

Specific File Naming Convention Label:

WorkPlan.HW.932020.1990-05-24.Revised\_Leachate\_facility\_WP.pdf

932020



New York State Department of Environmental Conserv.  
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MAY 24 1990

Mr. Guy Wm. Vaillancourt  
E.C. Jordan Co.  
261 Commercial Street  
P.O. Box 7050  
Portland, ME 04112

RK/clf

Dear Mr. Vaillancourt:

RE: State Superfund Standby Contract  
Final Revised Work Plan for Love Canal Site  
Site # 9-32-020  
W.A. # D002472-5

This is to acknowledge receipt of the revised work plan received by this office on May 17, 1990 for the above referenced project. The Department hereby approves the work plan with a total budget of \$276,692 and authorizes E. C. Jordan Co. to proceed with the project.

This Notice to Proceed is subject to the following:

All proposed subcontracts must be submitted to the Department for review and acceptance prior to start of work.

E.C. Jordan Co. will develop a tracking system to determine the point at which employer owned equipment "usage" rate will be switched over to employer owned equipment "operation and maintenance" rate. Equipment rental costs will be subject to future review.

E.C. Jordan Co. is hereby given notice to proceed with the work described in this work assignment. All work described shall be completed according to the schedule provided.

If you have any questions or comments, please contact Mr. John Strang, P.E., Project Manager, at (518) 457-0927.

Sincerely,

Michael J. O'Toole, Jr., P.E.  
Director  
Div. of Hazardous Waste Remediation

Enc.

RECEIVED  
JUN 11 1990  
DEPT. OF ENVIRONMENTAL PROTECTION  
REGION 9



E.C.JORDAN CO.

ENGINEERS &  
SCIENTISTS

NEW YORK STATE  
DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION  
SUPERFUND STANDBY CONTRACT

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LOVE CANAL  
LEACHATE TREATMENT FACILITY  
Niagara Falls, New York  
WORK ASSIGNMENT NO. D002472-5

RECEIVED

WORK PLAN

JUN 05 1990

Bureau of  
Program Management

MAY 1990

NYSDEC CONTRACT NO. D002472

NYSDEC WORK ASSIGNMENT NO. D002472-5

E.C. JORDAN CO.

FINAL

WORK PLAN

LOVE CANAL

LEACHATE TREATMENT FACILITY

SITE NO. 9-32-020

NIAGARA FALLS, NEW YORK

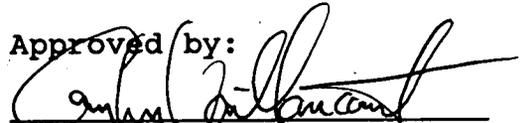
MAY 1990

Submitted by:



Gerald F. Fordham  
Project Manager  
E.C. Jordan Co.

Approved by:



Guy Wm. Vaillancourt, P.E.  
MSSC Program Manager  
E.C. Jordan Co.

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## 1.0 INTRODUCTION

E.C. Jordan Co. (Jordan) is submitting this Work Plan to the New York State Department of Environmental Conservation (NYSDEC) to assist NYSDEC in the completion of specific tasks at the Love Canal Leachate Treatment Facility (LCLTF). This Work Plan has been prepared in response to Work Assignment No.D002472-5, and in accordance with the requirements of the NYSDEC Superfund Standby Contract between Jordan and NYSDEC (November, 1989).

This Work Plan includes descriptions of Jordan's approach to the overall management of this multi-task assignment, in addition to technical scope of work for each of the smaller tasks. Estimated levels of effort for each task and overall schedules for the work assignment are provided.

## 2.0 SCOPE OF WORK

As a part of Work Assignment No. D002472-5, NYSDEC has assigned Jordan the task of providing technical assistance regarding the operation and maintenance of the LCLTF. The LCLTF, which began operation in December 1979, processes leachate collected by the barrier drain system at the Love Canal Site. The leachate is composed of two phases. The non-aqueous phase liquid or NAPL is settled out by clarification and stored in tanks on site. The aqueous phase is treated by filtration and granular activated carbon prior to discharge to a sanitary sewer.

Jordan has been given nine specific tasks relating to the operation of the leachate treatment facility. Task 1 is the Work Plan. Tasks 2 through 4 involve the operation and maintenance of the treatment facility. Task 5 is the development of a site electrical standby contract, and Task 6 involves the completion of a site survey. Task 7 requests the completion of several items associated with regulatory requirements as specified in a 1989 site evaluation report concerning sludge management operations. Task 8 requests that an inventory of all the Love Canal monitoring wells be performed, and abandonment procedure for removal of monitoring wells be developed. Task 9 involves researching the best method to clean and inspect the leachate collection system, and to develop a contract and oversee the work associated with collection system inspection. A detailed description of the items requested for each

of the nine tasks is provided.

### 2.1 Task 1: Develop Detailed Work Plan

Jordan will develop a proposed work plan that addresses Tasks 2 through 9. The work plan will include, at a minimum, a description of major tasks and subtasks, a schedule with milestones and deliverables, a staffing plan, a budget, a MBE/WBE utilization plan, and a list of proposed subcontractors. The submittal and approval of this document will signify the completion of Task 1.

Following the approval of the work plan by NYSDEC, a site visit by Jordan and the NYSDEC project manager should be planned to acquaint the Jordan team with the Love Canal Site, its operators, and the details associated with the various tasks to be performed. The budget for this site visit is included in this work plan as a part of the Task 2 cost summary.

### 2.2 Task 2: Develop Contract to Install Backflow Preventer

Jordan will review the existing work on a proposed backflow preventer, modify if necessary, and complete the design. A complete design package will be developed suitable for bidding. This design package will be reviewed and stamped by a Registered Professional Engineer. Following the approval of the design by the NYSDEC and the City of Niagara Falls, NY, Jordan will solicit bids,

select a subcontractor, and negotiate terms with the subcontractor for installation of the backflow preventer. Jordan will provide inspection services during the performance of the subcontract.

The level of effort and direct costs estimated for Task 2 only include those to be used by Jordan in the completion of this task. All costs associated with the installation of the backflow preventer will be estimated during the preparation of the contract.

### 2.3 Task 3: Develop Contract to Service Clarifier

The LCLTF utilizes a 16,000 gallon rectangular clarifier to remove solids and non-aqueous phase liquids from the leachate. The clarifier has been in operation since December, 1979. Recently, a leak has developed in one of the welded seams of the clarifier. The objective of this task is to develop a contract for the dewatering, cleaning, inspection, and repair of the clarifier. As a part of the planning for the clarifier servicing an alternative clarification method will be proposed to allow continued treatment of leachate during the time that the clarifier is off line. This proposed alternative system could fill in as an emergency clarification system in the event of a clarifier failure.

The contract to be developed as a part of this task will include:

- a description of major tasks and subtasks
- a schedule of milestones and deliverables

- an estimated contract cost
- an MBE/WBE utilization plan
- a list of proposed subcontractors

The completed contract will be submitted to NYSDEC for approval prior to solicitation of bids. Jordan will solicit bids, select subcontractor, negotiate terms with subcontractor, and provide inspection services during contract performance.

The level of effort and direct costs estimated for Task 3 only include those to be used by Jordan in the completion of this task. All costs associated with the work to be completed by the subcontractor will be estimated during the preparation of the contract. In addition, if during the development of the contract a change in scope of work is requested by NYSDEC then Jordan may require renegotiation of level of effort.

#### 2.4 Task 4: Develop and Implement Tank Corrosion Monitoring

Jordan will develop a work plan for a corrosion rate monitoring study of the tank metal in the four outside sludge holding tanks as recommended by the sludge handling implementation plan for the LCLTF. As part of the Corrosion Monitoring Study Work Plan development, Jordan will subcontract a corrosion specialist to assist in the preparation of the corrosion monitoring plan and to help in the interpretation of the results.

Two testing methods, weight loss (coupons) and electrical resistance, were recommended in the sludge handling implementation plan as methods that could be used in the study. Weight-loss coupons would be composed of similar material to that found in the tank storage system (i.e., mild steel, galvanized steel and epoxy-coated steel) and would be tested in various locations within the storage tanks. Similarly, the corrosimeter probes used in the electrical resistance study would be steel and galvanized steel, and would also be located in various positions within the tanks. A complete work plan will be prepared and submitted to NYSDEC prior to initiation of testing.

The budget submitted for this task includes level of effort required for the development of the Corrosion Rate Monitoring Study Work Plan, and the solicitation and selection of a corrosion expert. The budget does not include any costs associated with the work to be performed by the corrosion expert, nor does it include an estimate of the level of effort required by Jordan to implement the study and prepare the draft and final reports. These cost estimates will be submitted with the Corrosion Rate Monitoring Study Work Plan which is to be prepared as Subtask 4.1. One site visit has been budgeted for the work plan development to provide for a pre-bid site visit with potential subcontractors.

## 2.5 Task 5: Inspection of Electrical Systems

Jordan will provide an inspection of the LCLTF electrical systems and make a recommendation regarding the establishment of a standby electrical contract to provide electrical repair services at the site. As a part of this task, Jordan will review site plans, operation and maintenance records, and historical repair records to identify electrical problem areas. A site visit will be undertaken to inspect the electrical system, review necessary site documentation, and interview site operators. Following the site visit and review of documentation, Jordan will make a recommendation for either establishment of a standby electrical contractor to provide electrical contracting services for the most frequent electrical problems or to continue the procedure of completing electrical repair service on an emergency basis.

If Jordan and NYSDEC agree that a standby electrical contract is the appropriate course of action than Jordan will develop and submit for approval by NYSDEC a Standby Contract to provide electrical installation and maintenance service in all forms for the Love Canal Site. This would include all electrical related work to be performed at the Treatment Facility, the Administration Building and within the Pump Chambers. The completed contract will include:

- a description of major tasks and subtasks
- a schedule of milestones and deliverables

- an estimated contract cost
- an MBE/WBE utilization plan
- a list of proposed subcontractors

The schedule and budget developed for this task include the level of effort and direct costs associated with completion of the document review, site electrical inspection, and preparation of the recommendations summary report. It does not include level of effort required for the preparation, bidding and implementation of the standby contract. During the site inspection planned for this task Jordan will also assess the status of the non-compliance items identified during Task 7. It is likely that the engineer completing the Task 5 electrical inspection will also play a key role in the completion of Task 7; therefore, the site visit for both tasks will be budgeted in this task .

#### 2.6 Task 6: Survey the Love Canal Site

As a part of Task 6, Jordan will conduct an analysis of historical surveys of the site and will identify the specific needs required that would result in one overall survey of identified locations. Completion of this task will include the following:

- survey of all presently used locations, which could include monitoring wells, pump chambers, buildings and/or roads
- creation of new permanent bench marks

- preparation of new base map to include newly surveyed locations

In Task 8 of this work assignment, Jordan has been asked to perform a monitoring well inventory at the Love Canal Site. This inventory will assess the usefulness of each of the wells for use in future long-term monitoring. Jordan believes that the performance of the site survey should be delayed until the inventory can be completed and recommendations regarding the usefulness of each of the monitoring wells can be made. Waiting until the inventory is complete before performing the survey would eliminate unnecessary duplication of effort that might arise if the two tasks were completed independently.

Aerial photography has been recommended by NYSDEC to be used in the preparation of new base maps for the Love Canal site and for several areas within the Emergency Declaration Area. If a map is to be prepared this summer than the aerial photography must be taken before the foliage returns to the trees. On April 26, 1990, approval was given by NYSDEC to proceed with the aerial photography. Subcontract costs are included in this Work Plan.

The budget submitted for this task includes only the level of effort required for the preparation of a contract for the completion of the survey work and does not include a cost estimate the work to be completed by the surveyor. As a part of the

Superfund Standby Contract with NYSDEC, Jordan is currently in the process of securing Standby Survey Contracts with a number of subcontractors. It is Jordan's intention to use one of these Standby Subcontractors for completion of the survey work at the Love Canal Site. Selection of a certified MBE/WBE firm as one of these Standby Subcontractors will help to fulfill the MBE/WBE requirements of Jordan's Standby Superfund Contract with NYSDEC.

### 2.7 Task 7: RCRA/OSHA Compliance Activities

The work completed in this task is necessary to satisfy items identified in a review of the sludge handling operation at the Love Canal Site. The review, prepared for U.S. EPA in November, 1989, identified several items associated with the handling and storage of sludge that were not in compliance with RCRA and/or OSHA requirements. The items that require work include but are not limited to the following:

- design of high liquid level indicator and alarms for the sludge storage tanks
- design of automatic sludge pump shut-off systems
- design of two-phase venting of sludge tank ventsorb systems
- preparation of a sludge waste analysis plan

The task will begin with a review of the site documentation associated with completion of the task. The documentation would

include the Sludge Handling and Storage Review Report completed by CH<sub>2</sub>M Hill for the USEPA, and any as-built drawings associated with the systems that are not in compliance with the regulations. Jordan will work with the NYSDEC to ensure that all non-compliance items discussed in the Sludge Handling and Storage Report are identified.

Jordan will prepare designs and plans for the identified non-compliance items and will submit them to NYSDEC for approval. When given approval to proceed by NYSDEC, Jordan will prepare the designs for bid, solicit the bids, and select and approve a subcontractor. In addition, Jordan will provide the necessary inspection services during installation of equipment and implementation of monitoring programs.

The budget for this task only includes an estimate of the level of effort required for the review of site documentation, and the preparation of designs and plans. The cost associated with the solicitation of bids, selection of subcontractor, and installation or implementation of each of these items will be developed during the preparation of the designs and plans.

#### 2.8 Task 8: Inventory Love Canal Monitoring Wells

Jordan will conduct an inventory of all the monitoring wells at the Love Canal Site and in the Emergency Declaration Area. The

inventory shall include verification that the well exists, its location, its physical condition, its depth, its hydraulic conductivity, and its suitability for sampling. As a part of the inventory Jordan will place identification on each well similar to that used by Jordan during the installation of the long-term monitoring wells. To complete the inventory of the monitoring wells located on the canal, level B respiratory protection will be utilized. The level B time has been estimated to be about 3 days for the 3 people on site, and has been budgeted accordingly. Following the completion of the inventory, Jordan will prepare a recommendations report summarizing the information collected, and identifying a list of monitoring wells that should be abandoned.

An abandonment procedure will be developed by Jordan to remove the selected monitoring wells. This abandonment procedure will be prepared so that other contractors may use it. Jordan will remove those monitoring wells selected by NYSDEC using the prepared abandonment procedure. Following any monitoring well abandonment, Jordan will prepare a final report to document all work performed.

Budget developed for this task includes an estimate of the level of effort to research site records, plan and implement the monitoring well inventory, prepare a recommendations report, develop the monitoring well abandonment procedure, and to prepare the final report. An estimate of the cost associated with the selection of subcontractor by Jordan for the monitoring well abandonment and

costs associated with the actual removal of selected wells will be submitted as a part of the abandonment procedure.

### 2.9 Task 9: Inspection of the Love Canal Leachate Collection System

Task 9 of the work assignment involves items necessary for the cleaning and inspection of the leachate collection system at the Love Canal Site. Jordan will first research the various cleaning and inspection methods and select that method that is most appropriate. This will require a review of the site documentation associated with the design, construction, operation and maintenance of the collection system. Following NYSDEC approval of the inspection method Jordan will develop a contract for the work to be performed. The contract to be developed will include:

- a description of major tasks and subtasks
- a schedule of milestones and deliverables
- an estimated contract cost
- an MBE/WBE utilization plan
- a list of proposed subcontractors

The completed contract will be submitted to NYSDEC for approval prior to the solicitation of bids. Following approval, Jordan will solicit bids, select subcontractor, and negotiate terms with the subcontractor. During the performance of the contracted work Jordan will provide inspection services.

The budget for this task includes an estimate of the level of

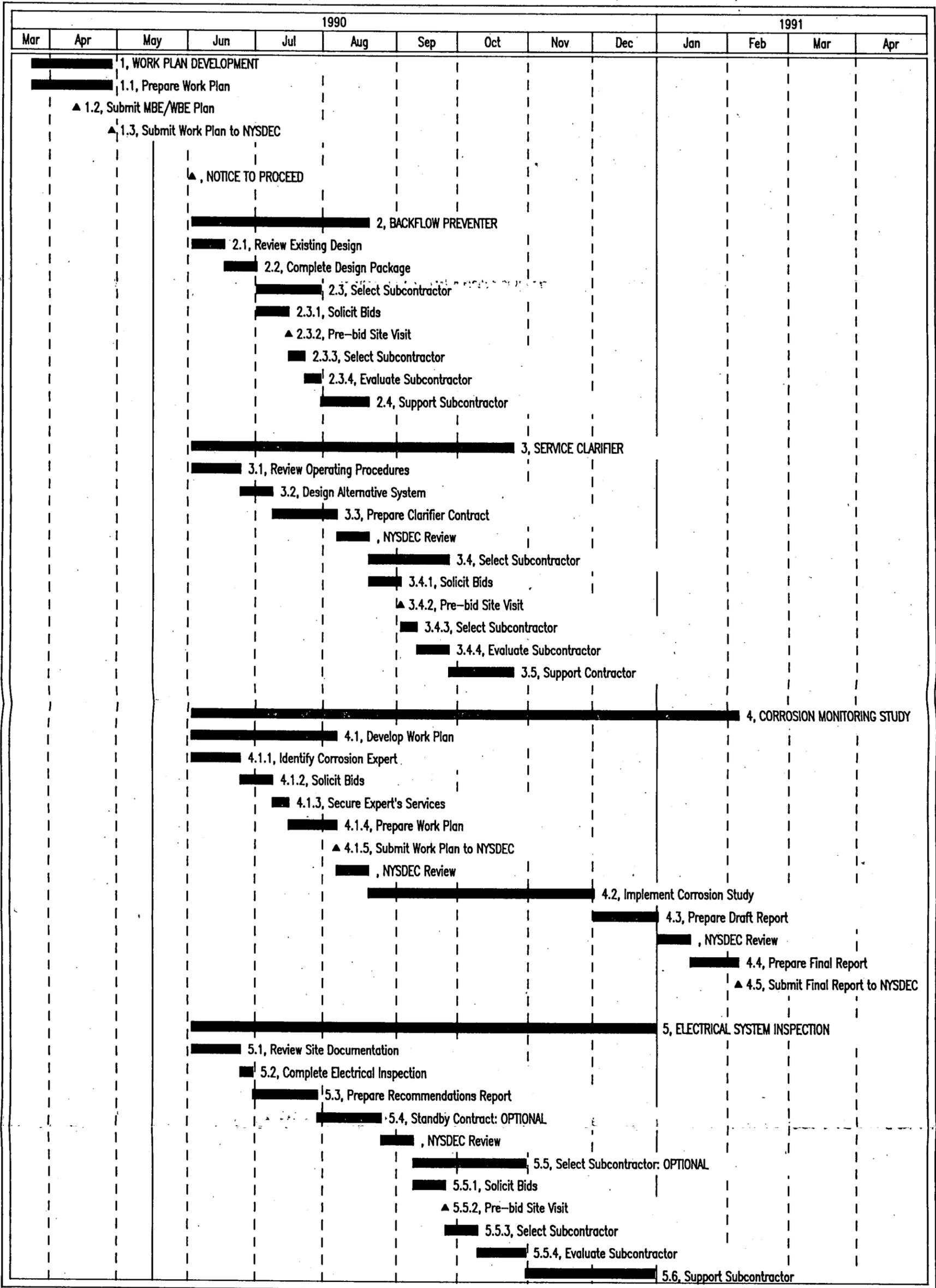
effort required for the completion of the inspection methods research, preparation of the contract, selection and approval of the subcontractor, and the engineering oversight services to be performed by Jordan during the performance of the work. Costs associated with the performance of the work by the subcontractor will be estimated during the development of the contract. A more accurate estimate of the time required for the cleaning and inspection of the collection system will also be developed during contract preparation. If the time required for inspection and cleaning does not agree with that estimated in this work plan then renegotiation of Jordan's level of effort will be necessary.

## 2.10 Work Assignment Schedule

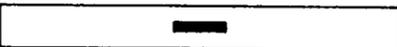
A proposed work assignment schedule is presented in Figures 1 and 2. In general, each of the tasks are independent from one another, and thus delays in one task would not effect progress in any of the others. There are, however, some cases where several of the tasks may be dependent. For example, the completion of Task 6, Site Survey, will not take place until the monitoring well inventory of Task 8 is implemented and the recommendations report is prepared. In addition, the site inspection visit planned for Task 5 will also include an inspection of the items to be designed in Task 7. Therefore, the review of existing documentation relating to both task 5 and 7 will need to be completed prior to the site visit.

The initiation of the work assignment will follow notice to proceed by NYSDEC. Tasks 2 through 5, and 8 will begin as soon as possible after this approval. Task 6 will be delayed until the monitoring well inventory is completed, which is estimated to be 3 months following notice to proceed. The startup of Task 7 will be delayed so that the site inspection visit planned for Task 5 can be completed prior to the initiation of design work that is planned for Task 7. To reduce any conflicts that might occur if all the tasks are started immediately following notice to proceed, the initiation of Task 9, Inspection of the Leachate Collection System, will begin approximately one month following approval. This delay

FIGURE 1 – WORK ASSIGNMENT SCHEDULE (TASK 1 – TASK 5)  
 LOVE CANAL LEACHATE TREATMENT FACILITY  
 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



Actual

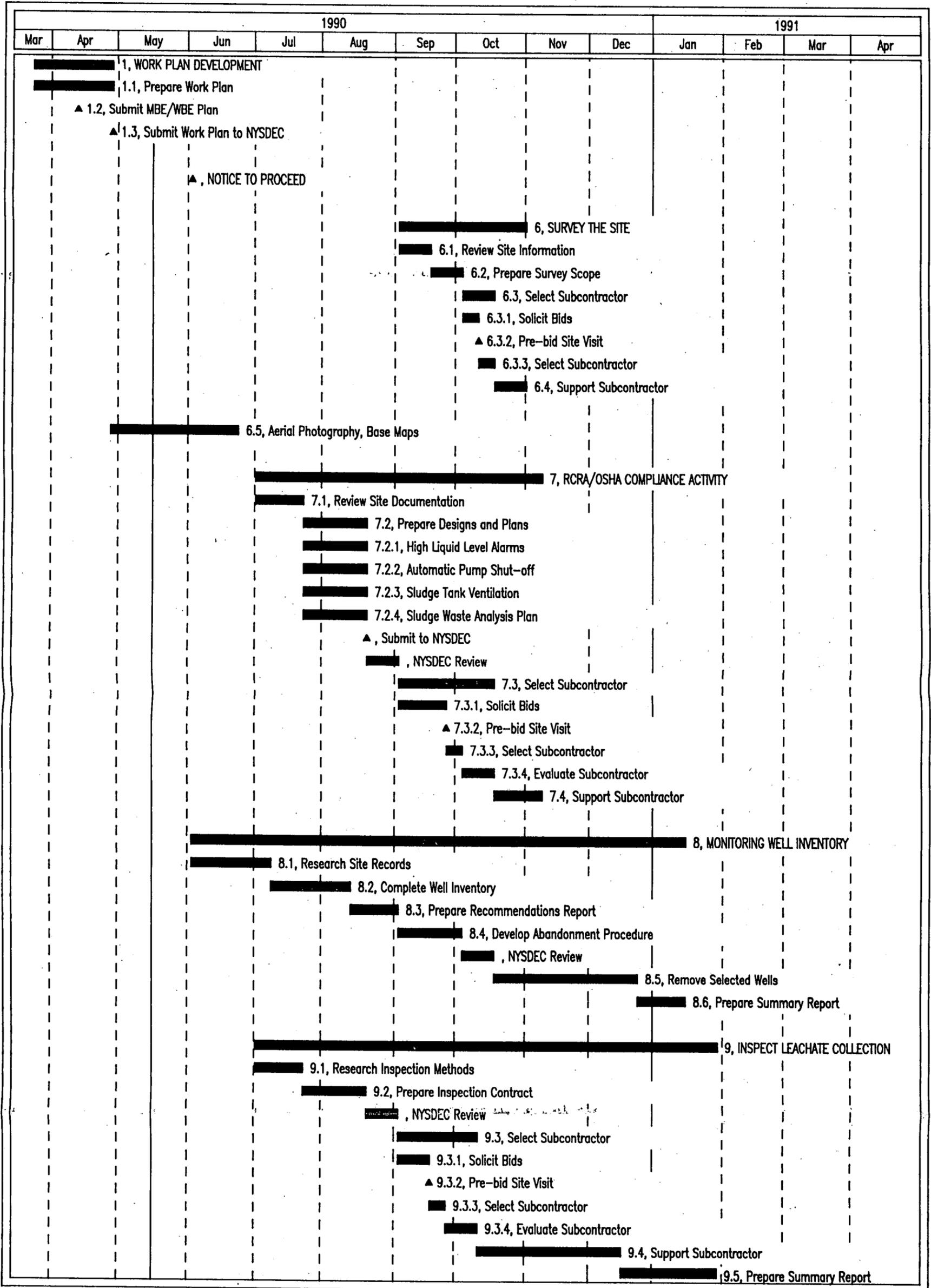


Milestone



E.C. JORDAN CO.

**FIGURE 2 – WORK ASSIGNMENT SCHEDULE (TASK 6 – TASK 9)**  
**LOVE CANAL LEACHATE TREATMENT FACILITY**  
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Actual  Milestone ▲ ▲

is necessary because both Task 3 and Task 9 are to be completed by the same group of Jordan Engineers.

## 3.0 PROJECT MANAGEMENT PLAN

### 3.1 Management Approach

This multi-task work assignment contains a variety of types of services to be performed ranging from waste water treatment to survey to electrical services. In general, each of the tasks can be viewed as a unique assignment with most independent of the others. The only exception to this is Task 6, the site survey, which will not be started until the initial subtasks of Task 8, the monitoring well inventory, are completed. Because of the nature of this assignment Jordan proposes one Project Manager for the overall management of the assignment and individual leaders for each of the Tasks 2 through 9.

The Project Manager will be the primary communication link between NYSDEC and Jordan and will oversee work on all tasks from a technical consistency, schedule, and budgetary basis. The Task Leaders will be responsible for the completion of their assigned task with the assistance of staff engineers and scientists. More information on the staff roles and responsibilities is presented in Section 3.2, Staffing Plan.

A PC-based project management software program, TIMELINE, will be used to establish a baseline project schedule. This program will provide the Project Manager with data to assess the progress of the

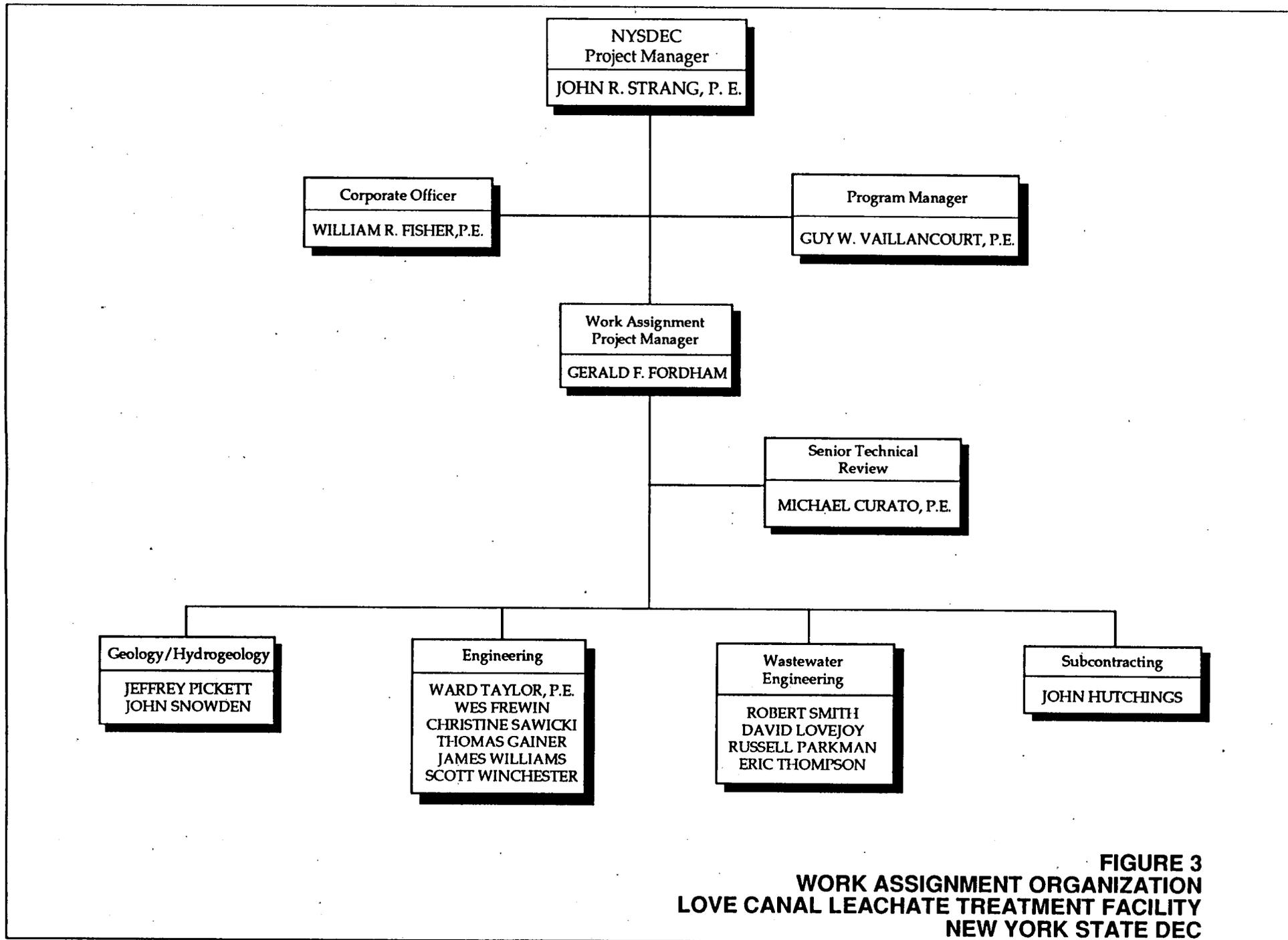
individual tasks, and will allow him to determine the effect of activity slippage on the overall project schedule. Updated schedules will be submitted in the Monthly Progress reports to NYSDEC, showing baseline versus actual schedules.

Budgets will be tracked using Jordan's project accounting system. Accounts will be established at the project's outset with the approved budgets and costs. As labor and non-labor are incurred they will be allocated to the proper job number. Labor costs are recorded on time cards on a weekly basis, and the Project Manager receives weekly Project Labor Status reports. Externally billed non-labor costs (e.g., postage, field subsistence expenses, subcontracting, travel costs, long-distance telephone) are allocated daily. In-house non-labor costs (e.g., photocopying, computer, equipment rental) are allocated monthly.

### 3.2 Staffing Plan

The proposed project staff and organization are shown in Figure 3. The work assignment will be staffed primarily out of Jordan's corporate headquarters in Portland, Maine. Because the work assignment tasks cover a range of disciplines, a variety of staff will be required to complete the assignment.

Mr. William R. Fisher, P.E., Vice-President of Environment Services, will be the Corporate Officer directly responsible for



**FIGURE 3**  
**WORK ASSIGNMENT ORGANIZATION**  
**LOVE CANAL LEACHATE TREATMENT FACILITY**  
**NEW YORK STATE DEC**

all Jordan activities performed as a part of this work assignment. The Program Manager for the NYSDEC Superfund Standby Contract is Guy Wm. Vaillancourt, P.E. The Program Manager has overall responsibility to organize and set program operating procedures with NYSDEC, and assure that all work assignments are implemented in accordance with contract requirements.

Gerald F. Fordham is the Project Manager for the work assignment. In this role, Mr. Fordham will be primary contact with John Strang, the NYSDEC Project Manager. He will be responsible for staffing the various tasks, and maintaining quality and consistency in the work to be completed. He will also be responsible for monitoring the overall work assignment schedule and budget.

As senior Technical Review, Michael Curato, P.E. will be involved in the project from inception, monitoring the overall quality of the technical work, and assuring that Jordan's full range of engineering and technical experience to contribute to the development and implementation of this project. Mr. Curato's experience is in the design, construction and project management of wastewater collection, transport and treatment systems. This experience will be applicable to the work assignment tasks that deal directly with the operation and maintenance of the leachate collection and treatment system.

Because a variety of engineering and scientific skills are required

for this work assignment, a diverse group of professionals has been identified. For each task one person will be assigned as the task leader. These individuals will be selected from the pool of professionals listed in Table 1, and will be responsible for the planning and implementation of the work to be performed in their respective tasks.

### 3.3 Subcontracting Plan

The subcontracting requirements for this work assignment are varied, and may not in all cases be well defined. Several of the tasks are specific enough to allow preparation of a specifications package and the solicitation of bids from a list of possible subcontractors, while a number of tasks do not allow solicitation of subcontractors until more information about the tasks is collected.

In Task 2, Backflow Preventer, the completed design package will be solicited, and a subcontractor will be chosen to complete the work. During the cleaning and repair of the clarifier, Task 3, the service contract will be prepared and solicited and a subcontractor will be selected to provide the required services. In Task 4, Corrosion Monitoring Study, a Corrosion Rate Monitoring Study Work Plan will be prepared for the sludge storage tanks. During the development of this work plan a Corrosion Engineer will need to be subcontracted. The selected subcontractor will then help to

TABLE 1

LOVE CANAL WORK ASSIGNMENT TEAM  
 LOVE CANAL LEACHATE TREATMENT FACILITY  
 NEW YORK STATE DEC

William R. Fisher, P.E.	Principal
Guy Wm. Vaillancourt, P.E.	Senior Engineer
Richard E. Wardwell, P.E. Ph.D.	Senior Project Manager
J. Elliott Thomas Jr., R.G.	Senior Scientist
Michael Curato, P.E.	Senior Engineer
*Ralph Oulton, P.E.	Senior Engineer
*Russell Parkman	Junior Engineer
Eric Thompson	Junior Engineer
Dave Lovejoy	Senior Technician
*John Hutchings	Senior Technician
Deborah Sullivan	Senior Technician
Deborah Smith	Junior Scientist
Cynthia Sundquist	Engineer/Scientist
*Lee Turkington	Technician
Bart Furey	Technician
Dawne Gilpatrick	Technician
*Robert Smith	Senior Engineer
*Ward Taylor	Senior Engineer
*Wes Frewin	Engineer/Scientist
*Thomas Gainer	Junior Engineer
*Christine Sawicki	Junior Engineer
Mary Jane Ybarra	Senior Technician
Gerald Fordham	Junior Engineer
Jeffrey Pickett	Engineer/Scientist
*John Snowden	Scientist
*Scott Winchester	Junior Engineer
*Jim Williams	Senior Engineer
*Arnold Adams	Senior Engineer

\* NSPE Grade Levels Are Proposed by Jordan; Resumes Have Been Submitted to NYSDEC.

complete the Corrosion Monitoring Study, and prepare a summary report.

Task 5, Electrical Inspection, will not include any subcontracting at this time. Instead, the report to be prepared as a part of this task will recommend whether or not an electrical standby contract should be prepared to perform electrical services. Task 6, the Site Survey, will require solicitation and selection of a contractor to complete the necessary survey work.

In Task 7.0, RCRA/OSHA standards will be identified, and designs and plans associated with these items will be prepared and submitted to NYSDEC for review. These items will only be solicited for bid following approval from NYSDEC; therefore, not enough information is available at this time to identify subcontracting areas.

A monitoring well inventory is to be completed in Task 8, and a report summarizing the findings will be prepared. As part of this report a monitoring well abandonment procedure will be prepared, Jordan will recommend which monitoring wells should be abandoned. Jordan will not complete any subcontracting during this phase for monitoring well abandonment, but will wait until approval to proceed is given by NYSDEC.

In Task 9, Inspection and Cleaning of the Leachate Collection

System, a contract will be prepared and solicited, and a subcontractor will be selected to complete the cleaning and inspection services.

### 3.4 MBE/WBE Plan

Due to the nature of this work assignment, Jordan is unable at this time to identify by name specific MBE/WBE firms. However, as areas to be subcontracted are further developed MBE/WBE utilization plans will be incorporated into each task. As a task is developed by Jordan (including potential subcontracting areas), MBE/WBE utilization will be identified and a plan specific to that task will be submitted to the Affirmative Action Bureau at NYSDEC.

Upon receipt of Notice to Proceed, Jordan will further define specific areas for subcontracting. As the scope and schedule of each task is defined, an MBE/WBE utilization plan specific to that task will be submitted that will be inclusive of MBE/WBE subcontractors contacted, and an estimated dollar value of the subcontract.

#### 4.0 WORK ASSIGNMENT BUDGET

The budget for this work assignment has been prepared in accordance with the NYSDEC Superfund Standby Contract and reflects the Scope of Work described in Section 2.0 of this Work Plan. The cost proposal includes the following sections:

- price breakdown
- direct labor
- other direct costs (ODCs)
- travel and equipment costs
- subcontracts

The costs presented are representative of current known conditions, and may be subject to change as more information about each of the individual tasks becomes available.

#### 4.1 Price Breakdown

A summary of the costs for the services discussed in the technical proposal is presented by task in Appendix A, Table 1.0. Costs for the individual subtasks are shown in Appendix A, Tables 1.1 through Tables 1.9. Tables include the following cost breakdown:

- Direct Labor (raw)
- Direct Labor (plus overhead)
- Travel and Subsistence
- Other Direct Costs (ODCs)

- Subcontracts
- Other Project Costs

An overhead rate of 138.4 percent has been used in the estimate. A fixed fee of 10 percent is applied to the sum of the estimated Total Direct Salary Costs plus Indirect Costs. Appendix A, Tables 1.0 through 1.4 present a summary of the work assignment costs. Schedules 2.11(a), 2.11(b) (Appendix A, Tables 2.0 through 2.9), and 2.11(f) (Appendix A, Table 5) are attached. Schedules 2.11(c) and (d) are also attached and are summarized in Appendix A, Tables 3.0 through 3.9 and Appendix A, Tables 4.0 through 4.9, respectively.

#### 4.2 Direct Labor

Direct labor for the project has been segregated into the following categories:

<u>Labor Classification</u>	<u>Professional Responsibility Levels</u>
IX	Principal, Vice President
VIII	Senior Project Manager, Division Manager, Senior Consultant
VII	Senior Engineer, Senior Scientist, Project Manager
VI	Senior Engineer, Senior Scientist
V	Engineer/Scientist, Senior Scientist

IV	Engineer/Scientist
III	Junior Engineer/Junior Scientist
II	Junior Engineer/Junior Scientist, Senior Technician
I	Technician

The average reimbursement rates, as specified in Schedule 2.10(a) of the contract, were used to develop the estimate.

#### 4.3 Travel and Subsistence

A summary of travel and subsistence costs related to the conduct of the Scope of Work is shown in Schedule 2.11(c) and in Appendix A, Tables 3.0 through 3.9. Backup for unit costs shown are based on available quotations and New York State allowances.

#### 4.4 Other Direct Costs

Other direct costs (ODCs) for each task are summarized in Appendix A, Tables 4.0 through 4.9. Backup for some unit costs are provided in the attached Schedule 2.11 (d).

#### 4.5 Subcontracts

Due to the limited work plan development budget and the nature of this work assignment, cost estimates for the required

subcontractors could not be developed. Instead, these subcontract costs will be estimates as part of the work plan development for each of the individual tasks. Work plans and associated subcontract estimates will be submitted to NYSDEC for approval prior to any solicitation of bids.

APPENDIX A

WORK ASSIGNMENT COST SCHEDULES

SCHEDULE 2.11(a)  
SUMMARY OF WORK ASSIGNMENT PRICE  
LOVE CANAL LEACHATE TREATMENT FACILITY  
WORK ASSIGNMENT NUMBER D-002472-5

05/15/90

1 .....	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11(b))	\$84,608
2 .....	INDIRECT COSTS (Schedule 2.10(g))	\$117,096
3 .....	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11(c)(d))	\$37,798
<b>SUBCONTRACT COSTS</b>		
<b><u>COST-PLUS-FIXED-FEE SUBCONTRACTS</u></b>		
(Schedule 2.10(e) and 2.11(e))		
NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
4 .....	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$0
<b><u>UNIT PRICE SUBCONTRACTS</u></b>		
(Schedule 2.10(f) and 2.11(f))		
NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Modi Associates	Aerial Photography	\$17,020
		\$0
		\$0
		\$0
5 .....	TOTAL UNIT PRICE SUBCONTRACTS	\$17,020
6 .....	TOTAL SUBCONTRACT COSTS (Lines 4 + 5)	\$17,020
7 .....	FIXED FEE (Schedule 2.10(h))	\$20,170
8 .....	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 6 + 7)	\$276,692

TABLE 1.0  
SUMMARY OF PROJECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
TASK 1 - WORK PLAN	\$5,529	\$13,180	\$0	\$802	\$0	\$0	\$13,982
TASK 2 - BACKFLOW PREVENTER	\$4,265	\$10,168	\$2,766	\$292	\$0	\$0	\$13,226
TASK 3 - SERVICE CLARIFIER	\$14,960	\$35,665	\$4,679	\$1,092	\$0	\$0	\$41,435
TASK 4 - CORROSION MONITOR STUDY	\$5,532	\$13,188	\$652	\$385	\$0	\$0	\$14,225
TASK 5 - ELECTRICAL SYSTEM INSPECTIO	\$4,773	\$11,379	\$1,629	\$516	\$0	\$0	\$13,524
TASK 6 - SITE SURVEY	\$6,914	\$16,483	\$2,659	\$320	\$17,020	\$0	\$36,482
TASK 7 - RCRA/OSHA COMPLIANCE	\$11,073	\$26,398	\$0	\$280	\$0	\$0	\$26,678
TASK 8 - MONITORING WELL INVENTORY	\$17,892	\$42,655	\$8,239	\$6,200	\$0	\$0	\$57,094
TASK 9 - INSPECT/CLEAN LEACH SYSTEM	\$13,670	\$32,589	\$5,246	\$2,041	\$0	\$0	\$39,876
<b>SUBTOTAL</b>		\$201,705					
<b>FIXED FEE (10%)</b>		\$20,170					\$20,170
<b>TOTALS</b>	\$84,608	\$221,875	\$25,870	\$11,928	\$17,020	\$0	\$276,692

NOTES:

(a) See Schedule 2.11(b)  
(b) See Table 3.0

(c) See Table 4.0  
(d) See Schedule 2.11(f)

TABLE 1.1  
TASK 1  
SUMMARY OF PROJECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
<b>TASK 1: WORK PLAN</b>							
Subtask 1.1: Prepare Work Plan	\$4,821	\$11,493	\$0	\$802			\$12,295
Subtask 1.2: Submit MWBE Plan	\$390	\$930	\$0	\$0			\$930
Subtask 1.3: Submit Work Plan	\$318	\$757	\$0	\$0			\$757
<b>SUBTOTAL</b>		\$13,180					
<b>FIXED FEE (10%)</b>		\$1,318					\$1,318
<b>TOTALS</b>	\$5,529	\$14,498	\$0	\$802	\$0	\$0	\$15,300

NOTES:

(a) See Schedule 2.11(b)

(b) See Table 3.0

(c) See Table 4.0

(d) See Schedule 2.11(f)

TABLE 1.2  
 TASK 2  
 SUMMARY OF PROJECT COSTS  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
<b>TASK 2: BACKFLOW PREVENTER</b>							
Subtask 2.1: Review Design	\$297	\$708	\$1,227	\$37			\$1,972
Subtask 2.2: Complete Design Package	\$1,408	\$3,357	\$0	\$100			\$3,457
Subtask 2.3: Select Subcontractor	\$1,520	\$3,624	\$530	\$115			\$4,269
Subtask 2.4: Support Subcontractor	\$1,040	\$2,479	\$1,009	\$40			\$3,528
<b>SUBTOTAL</b>		\$10,168					
<b>FIXED FEE (10%)</b>		\$1,017					\$1,017
<b>TOTALS</b>	\$4,265	\$11,185	\$2,766	\$292	\$0	\$0	\$14,243

NOTES:

(a) See Schedule 2.11(b)

(b) See Table 3.0

(c) See Table 4.0

(d) See Schedule 2.11(f)

TABLE 1.3  
TASK 3  
SUMMARY OF PROJECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
<b>TASK 3: SERVICE CLARIFIER</b>							
Subtask 3.1: Review Operating Procedures	\$1,459	\$3,478	\$0	\$50			\$3,528
Subtask 3.2: Design Alternative System	\$3,251	\$7,750	\$0	\$85			\$7,835
Subtask 3.3: Prep Contract, Clean/Repair	\$3,777	\$9,004	\$0	\$195			\$9,199
Subtask 3.4: Select Subcontractor	\$1,832	\$4,367	\$652	\$100			\$5,119
Subtask 3.5: Support Subcontractor	\$4,641	\$11,064	\$4,027	\$662			\$15,753
<b>SUBTOTAL</b>		\$35,665					
<b>FIXED FEE (10%)</b>		\$3,566					\$3,566
<b>TOTALS</b>	\$14,960	\$39,231	\$4,679	\$1,092	\$0	\$0	\$45,002

NOTES:

(a) See Schedule 2.11(b)

(b) See Table 3.0

(c) See Table 4.0

(d) See Schedule 2.11(f)

TABLE 1.4  
 TASK 4  
 SUMMARY OF PROJECT COSTS  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
<b>TASK 4: CORROSION MONITOR STUDY</b>							
Subtask 4.1: Corrosion Study Work Plan	\$5,532	\$13,188	\$652	\$385			\$14,225
Subtask 4.2: Implement Corrosion Study		\$0	\$0	\$0			\$0
Subtask 4.3: Prepare Draft Report of Study		\$0	\$0	\$0			\$0
Subtask 4.4: Prepare Final Report of Study		\$0	\$0	\$0			\$0
<b>SUBTOTAL</b>		\$13,188					
<b>FIXED FEE (10%)</b>		\$1,319					\$1,319
<b>TOTALS</b>	\$5,532	\$14,507	\$652	\$385	\$0	\$0	\$15,544

**NOTES:**

(a) See Schedule 2.11(b)  
 (b) See Table 3.0

(c) See Table 4.0  
 (d) See Schedule 2.11(f)

TABLE 1.5  
TASK 5  
SUMMARY OF PROJECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
<b>TASK 5: ELECTRICAL SYSTEM INSPECTION</b>							
Subtask 5.1: Review Site History/Document	\$1,348	\$3,214	\$0	\$129			\$3,343
Subtask 5.2: Complete Electrical Inspect	\$1,776	\$4,234	\$1,629	\$222			\$6,085
Subtask 5.3: Prep Recommendations Rpt	\$1,649	\$3,931	\$0	\$165			\$4,096
Subtask 5.4: Prepare Standby Contract		\$0	\$0	\$0			\$0
Subtask 5.5: Select Subcontractor		\$0	\$0	\$0			\$0
Subtask 5.6: Support Subcontractor		\$0	\$0	\$0			\$0
<b>SUBTOTAL</b>		\$11,379					
<b>FIXED FEE (10%)</b>		\$1,138					\$1,138
<b>TOTALS</b>	\$4,773	\$12,517	\$1,629	\$516	\$0	\$0	\$14,662

NOTES:

(a) See Schedule 2.11(b)  
(b) See Table 3.0

(c) See Table 4.0  
(d) See Schedule 2.11(f)

TABLE 1.6  
TASK 6  
SUMMARY OF PROJECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
<b>TASK 6: SITE SURVEY</b>							
Subtask 6.1: Review Existing Site Info	\$1,023	\$2,439	\$0	\$30			\$2,469
Subtask 6.2: Prepare Survey Bid Package	\$1,735	\$4,136	\$0	\$100			\$4,236
Subtask 6.3: Select Subcontractor	\$2,366	\$5,641	\$648	\$160			\$6,449
Subtask 6.4: Support Subcontractor	\$1,790	\$4,267	\$2,011	\$30			\$6,308
Subtask 6.5: Aerial Photography					\$17,020		\$17,020
<b>SUBTOTAL</b>		\$16,483					
<b>FIXED FEE (10%)</b>		\$1,648					\$1,648
<b>TOTALS</b>	\$6,914	\$18,131	\$2,659	\$320	\$17,020	\$0	\$38,130

**NOTES:**

(a) See Schedule 2.11(b)  
(b) See Table 3.0

(c) See Table 4.0  
(d) See Schedule 2.11(f)

TABLE 1.7  
TASK 7  
SUMMARY OF PROJECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
<b>TASK 7: RCRA/OSHA COMPLIANCE</b>							
Subtask 7.1: Review Site Documentation	\$2,584	\$6,160	\$0	\$90			\$6,250
Subtask 7.2: Prepare Designs and Plans	\$8,489	\$20,238	\$0	\$190			\$20,428
Subtask 7.3: Select Subcontractor		\$0	\$0	\$0			\$0
Subtask 7.4: Support Subcontractor		\$0	\$0	\$0			\$0
<b>SUBTOTAL</b>		\$26,398					
<b>FIXED FEE (10%)</b>		\$2,640					\$2,640
<b>TOTALS</b>	\$11,073	\$29,038	\$0	\$280			\$29,318

NOTES:

(a) See Schedule 2.11(b)  
(b) See Table 3.0

(c) See Table 4.0  
(d) See Schedule 2.11(f)

TABLE 1.8  
TASK 8  
SUMMARY OF PROJECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
<b>TASK 8: MONITORING WELL INVENTORY</b>							
Subtask 8.1: Prepare Inventory Plans	\$2,761	\$6,582	\$0	\$110			\$6,692
Subtask 8.2: Complete Well Inventory	\$7,562	\$18,028	\$8,239	\$5,590			\$31,857
Subtask 8.3: Prepare Inventory Report	\$2,533	\$6,039	\$0	\$150			\$6,189
Subtask 8.4: Develop Well Abandon Proc.	\$2,582	\$6,155	\$0	\$130			\$6,285
Subtask 8.5: Remove Monitoring Wells		\$0	\$0	\$0			\$0
Subtask 8.6: Complete/Submit Final Report	\$2,454	\$5,850	\$0	\$220			\$6,070
<b>SUBTOTAL</b>		\$42,655					
<b>FIXED FEE (10%)</b>		\$4,265					\$4,265
<b>TOTALS</b>	\$17,892	\$46,920	\$8,239	\$6,200			\$61,359

NOTES:

(a) See Schedule 2.11(b)  
(b) See Table 3.0

(c) See Table 4.0  
(d) See Schedule 2.11(f)

TABLE 1.9  
TASK 9  
SUMMARY OF PROJECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) DIRECT LABOR (a)	(1A) DIRECT LABOR & OVERHEAD	(2) TRAVEL & SUB- SISTENCE (b)	(3) OTHER DIRECT COSTS (c)	(4) SUB- CONTRACTS (d)	(5) OTHER	TOTAL COLUMNS (1A-5)
<b>TASK 9: INSPECT/CLEAN LEACH SYSTEM</b>							
Subtask 9.1: Research Inspect/Clean Meths	\$1,436	\$3,423	\$0	\$99			\$3,522
Subtask 9.2: Prepare Subcontract	\$2,637	\$6,287	\$0	\$185			\$6,472
Subtask 9.3: Select Subcontractor	\$2,696	\$6,427	\$1,226	\$180			\$7,833
Subtask 9.4: Support Subcontractor	\$4,147	\$9,886	\$4,020	\$1,287			\$15,193
Subtask 9.5: Prepare Final Report	\$2,754	\$6,566	\$0	\$290			\$6,856
<b>SUBTOTAL</b>		\$32,589					
<b>FIXED FEE (10%)</b>		\$3,259					\$3,259
<b>TOTALS</b>	\$13,670	\$35,848	\$5,246	\$2,041			\$43,135

NOTES:

(a) See Schedule 2.11(b)  
(b) See Table 3.0

(c) See Table 4.0  
(d) See Schedule 2.11(f)

TABLE 2.0  
 SCHEDULE 2.11(b)  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
TASK 1 - WORK PLAN	0	0	35	0	4	0	200	64	34	337	\$5,528
TASK 2 - BACKFLOW PREVENTER	0	0	20	56	0	90	10	16	27	219	\$4,265
TASK 3 - SERVICE CLARIFIER	2	2	56	184	0	70	352	82	63	811	\$14,960
TASK 4 - CORROSION MONITOR STUDY	2	2	34	30	0	50	120	38	31	307	\$5,532
TASK 5 - ELECTRICAL SYSTEM INSPECTION	0	5	24	90	0	0	90	13	11	233	\$4,773
TASK 6 - SITE SURVEY	0	0	31	0	59	106	145	21	27	389	\$6,914
TASK 7 - RCRA/OSHA COMPLIANCE	4	4	43	160	0	60	220	48	35	574	\$11,073
TASK 8 - MONITORING WELL INVENTORY	9	15	84	0	45	270	130	300	215	1068	\$17,892
TASK 9 - INSPECT/CLEAN LEACH SYSTEM	0	10	102	0	0	80	280	271	60	803	\$13,670
<b>TOTAL LABOR HOURS</b>	<b>17</b>	<b>38</b>	<b>429</b>	<b>520</b>	<b>108</b>	<b>726</b>	<b>1547</b>	<b>853</b>	<b>503</b>	<b>4741</b>	
<b>TOTAL LABOR COST</b>	<b>\$654</b>	<b>\$1,304</b>	<b>\$11,656</b>	<b>\$12,750</b>	<b>\$2,220</b>	<b>\$13,329</b>	<b>\$24,566</b>	<b>\$12,489</b>	<b>\$5,639</b>		<b>\$84,608</b>

TABLE 2.1  
 SCHEDULE 2.11(b)  
 TASK 1  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
<b>TASK 1: WORK PLAN</b>											
Subtask 1.1: Prepare Work Plan	0	0	35	0	4	0	159	64	29	291	\$4,821
Subtask 1.2: Submit M/WBE Plan	0	0	0	0	0	0	21	0	5	26	\$390
Subtask 1.3: Submit Work Plan	0	0	0	0	0	0	20	0	0	20	\$318
<b>TOTAL LABOR HOURS</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>200</b>	<b>64</b>	<b>34</b>	<b>337</b>	
<b>TOTAL LABOR COST</b>	<b>\$0</b>	<b>\$0</b>	<b>\$951</b>	<b>\$0</b>	<b>\$82</b>	<b>\$0</b>	<b>\$3,176</b>	<b>\$938</b>	<b>\$381</b>		<b>\$5,528</b>

TABLE 2.2  
 SCHEDULE 2.11(b)  
 TASK 2  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
<b>TASK 2: BACKFLOW PREVENTER</b>											
Subtask 2.1: Review Design	0	0	1	8	0	4	0	0	0	13	\$297
Subtask 2.2: Complete Design Package	0	0	8	12	0	24	0	12	25	81	\$1,408
Subtask 2.3: Select Subcontractor	0	0	8	36	0	12	10	2	1	69	\$1,520
Subtask 2.4: Support Subcontractor	0	0	3	0	0	50	0	2	1	56	\$1,040
<b>TOTAL LABOR HOURS</b>	0	0	20	56	0	90	10	16	27	219	
<b>TOTAL LABOR COST</b>	\$0	\$0	\$543	\$1,373	\$0	\$1,652	\$159	\$234	\$303		\$4,265

TABLE 2.3  
 SCHEDULE 2.11(b)  
 TASK 3  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
<b>TASK 3: SERVICE CLARIFIER</b>											
Subtask 3.1: Review Operating Procedures	0	0	3	24	0	20	24	2	1	74	\$1,459
Subtask 3.2: Design Alternative System	0	0	12	40	0	20	48	35	27	182	\$3,251
Subtask 3.3: Prep Contract, Clean/Repair	2	2	17	44	0	30	44	36	28	203	\$3,777
Subtask 3.4: Select Subcontractor	0	0	12	36	0	0	36	2	2	88	\$1,832
Subtask 3.5: Support Subcontractor	0	0	12	40	0	0	200	7	5	264	\$4,641
<b>TOTAL LABOR HOURS</b>	<b>2</b>	<b>2</b>	<b>56</b>	<b>184</b>	<b>0</b>	<b>70</b>	<b>352</b>	<b>82</b>	<b>63</b>	<b>611</b>	
<b>TOTAL LABOR COST</b>	<b>\$77</b>	<b>\$69</b>	<b>\$1,522</b>	<b>\$4,512</b>	<b>\$0</b>	<b>\$1,285</b>	<b>\$5,590</b>	<b>\$1,200</b>	<b>\$706</b>		<b>\$14,960</b>

TABLE 2.4  
 SCHEDULE 2.11(b)  
 TASK 4  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
<b>TASK 4: CORROSION MONITOR STUDY</b>											
Subtask 4.1: Corrosion Study Work Plan	2	2	34	30	0	50	120	38	31	307	\$5,532
Subtask 4.2: Implement Corrosion Study	0	0	0	0	0	0	0	0	0	0	\$0
Subtask 4.3: Prepare Draft Report of Study	0	0	0	0	0	0	0	0	0	0	\$0
Subtask 4.4: Prepare Final Report of Study	0	0	0	0	0	0	0	0	0	0	\$0
<b>TOTAL LABOR HOURS</b>	<b>2</b>	<b>2</b>	<b>34</b>	<b>30</b>	<b>0</b>	<b>50</b>	<b>120</b>	<b>38</b>	<b>31</b>	<b>307</b>	
<b>TOTAL LABOR COST</b>	<b>\$77</b>	<b>\$69</b>	<b>\$924</b>	<b>\$736</b>	<b>\$0</b>	<b>\$918</b>	<b>\$1,906</b>	<b>\$556</b>	<b>\$348</b>		<b>\$5,532</b>

TABLE 2.5  
 SCHEDULE 2.11(b)  
 TASK 5  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
<b>TASK 5: ELECTRICAL SYSTEM INSPECTION</b>											
Subtask 5.1: Review Site History/Document	0	0	10	25	0	0	25	3	2	65	\$1,348
Subtask 5.2: Complete Electrical Inspect	0	0	4	40	0	0	40	2	2	88	\$1,776
Subtask 5.3: Prep Recommendations Rpt	0	5	10	25	0	0	25	8	7	80	\$1,649
Subtask 5.4: Prepare Standby Contract	0	0	0	0	0	0	0	0	0	0	\$0
Subtask 5.5: Select Subcontractor	0	0	0	0	0	0	0	0	0	0	\$0
Subtask 5.6: Support Subcontractor	0	0	0	0	0	0	0	0	0	0	\$0
<b>TOTAL LABOR HOURS</b>	<b>0</b>	<b>5</b>	<b>24</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>90</b>	<b>13</b>	<b>11</b>	<b>233</b>	
<b>TOTAL LABOR COST</b>	<b>\$0</b>	<b>\$172</b>	<b>\$652</b>	<b>\$2,207</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,429</b>	<b>\$190</b>	<b>\$123</b>		<b>\$4,773</b>

TABLE 2.6  
 SCHEDULE 2.11(b)  
 TASK 6  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
<b>TASK 6: SITE SURVEY</b>											
Subtask 6.1: Review Existing Site Info	0	0	3	0	15	15	20	2	1	56	\$1,023
Subtask 6.2: Prepare Survey Bid Package	0	0	15	0	10	20	20	13	22	100	\$1,735
Subtask 6.3: Select Subcontractor	0	0	8	0	34	71	5	3	2	123	\$2,366
Subtask 6.4: Support Subcontractor	0	0	5	0	0	0	100	3	2	110	\$1,790
Subtask 6.5: Aerial Photography	0	0	0	0	0	0	0	0	0	0	\$0
<b>TOTAL LABOR HOURS</b>	0	0	31	0	59	106	145	21	27	389	
<b>TOTAL LABOR COST</b>	\$0	\$0	\$842	\$0	\$1,213	\$1,946	\$2,303	\$307	\$303		\$6,914

TABLE 2.7  
 SCHEDULE 2.11(b)  
 TASK 7  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
<b>TASK 7: RCRA/OSHA COMPLIANCE</b>											
Subtask 7.1: Review Site Documentation	0	0	4	60	0	0	60	2	2	128	\$2,584
Subtask 7.2: Prepare Designs and Plans	4	4	39	100	0	60	160	46	33	446	\$8,489
Subtask 7.3: Select Subcontractor	0	0	0	0	0	0	0	0	0	0	\$0
Subtask 7.4: Support Subcontractor	0	0	0	0	0	0	0	0	0	0	\$0
<b>TOTAL LABOR HOURS</b>	<b>4</b>	<b>4</b>	<b>43</b>	<b>160</b>	<b>0</b>	<b>60</b>	<b>220</b>	<b>48</b>	<b>35</b>	<b>574</b>	
<b>TOTAL LABOR COST</b>	<b>\$154</b>	<b>\$137</b>	<b>\$1,168</b>	<b>\$3,923</b>	<b>\$0</b>	<b>\$1,102</b>	<b>\$3,494</b>	<b>\$703</b>	<b>\$392</b>		<b>\$11,073</b>

TABLE 2.8  
 SCHEDULE 2.11(b)  
 TASK 8  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
<b>TASK 8: MONITORING WELL INVENTORY</b>											
Subtask 8.1: Prepare Inventory Plans	0	0	13	0	5	20	60	65	3	166	\$2,761
Subtask 8.2: Complete Well Inventory	0	0	23	0	0	150	0	164	159	496	\$7,562
Subtask 8.3: Prepare Inventory Report	2	5	16	0	10	40	20	19	28	140	\$2,533
Subtask 8.4: Develop Well Abandon Proc.	2	5	16	0	20	20	30	34	13	140	\$2,582
Subtask 8.5: Remove Monitoring Wells	0	0	0	0	0	0	0	0	0	0	\$0
Subtask 8.6: Complete/Submit Final Report	5	5	16	0	10	40	20	18	12	126	\$2,454
<b>TOTAL LABOR HOURS</b>	<b>9</b>	<b>15</b>	<b>84</b>	<b>0</b>	<b>45</b>	<b>270</b>	<b>130</b>	<b>300</b>	<b>215</b>	<b>1068</b>	
<b>TOTAL LABOR COST</b>	<b>\$346</b>	<b>\$515</b>	<b>\$2,282</b>	<b>\$0</b>	<b>\$925</b>	<b>\$4,957</b>	<b>\$2,064</b>	<b>\$4,392</b>	<b>\$2,410</b>		<b>\$17,892</b>

TABLE 2.9  
 SCHEDULE 2.11(b)  
 TASK 9  
 DIRECT LABOR HOURS BUDGETED  
 LOVE CANAL LEACHATE TREATMENT FACILITY

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX \$38.48	VIII \$34.32	VII \$27.17	VI \$24.52	V \$20.56	IV \$18.36	III \$15.88	II \$14.64	I \$11.21	LABOR HOURS	DIRECT LABOR
<b>TASK 9: INSPECT/CLEAN LEACH SYSTEM</b>											
Subtask 9.1: Research Inspect/Clean Meths	0	0	19	0	0	10	30	17	1	77	\$1,436
Subtask 9.2: Prepare Subcontract	0	5	22	0	0	10	40	54	23	154	\$2,637
Subtask 9.3: Select Subcontractor	0	0	27	0	0	0	60	59	13	159	\$2,696
Subtask 9.4: Support Subcontractor	0	0	12	0	0	0	120	127	5	264	\$4,147
Subtask 9.5: Prepare Final Report	0	5	22	0	0	60	30	14	18	149	\$2,754
<b>TOTAL LABOR HOURS</b>	<b>0</b>	<b>10</b>	<b>102</b>	<b>0</b>	<b>0</b>	<b>80</b>	<b>280</b>	<b>271</b>	<b>60</b>	<b>803</b>	
<b>TOTAL LABOR COST</b>	<b>\$0</b>	<b>\$343</b>	<b>\$2,771</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,469</b>	<b>\$4,446</b>	<b>\$3,967</b>	<b>\$673</b>		<b>\$13,670</b>

TABLE 3.0  
 DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
TASK 1 - WORK PLAN	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TASK 2 - BACKFLOW PREVENTER	\$1,968	\$280	\$0	\$0	\$498	\$20	\$2,766
TASK 3 - SERVICE CLARIFIER	\$2,460	\$770	\$0	\$0	\$1,411	\$38	\$4,679
TASK 4 - CORROSION MONITOR STUDY	\$492	\$70	\$0	\$0	\$83	\$7	\$652
TASK 5 - ELECTRICAL SYSTEM INSPECTI	\$984	\$140	\$0	\$0	\$498	\$7	\$1,629
TASK 6 - SITE SURVEY	\$1,476	\$420	\$0	\$0	\$747	\$16	\$2,659
TASK 7 - RCRA/OSHA COMPLIANCE	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TASK 8 - MONITORING WELL INVENTORY	\$4,428	\$525	\$0	\$150	\$2,988	\$148	\$8,239
TASK 9 - INSPECT/CLEAN LEACH SYSTE	\$2,952	\$770	\$0	\$0	\$1,494	\$30	\$5,246
TOTALS	\$14,760	\$2,975	\$0	\$150	\$7,719	\$266	\$25,870

NOTES:

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c)
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

TABLE 3.1  
 TASK 1  
 DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
<b>TASK 1: WORK PLAN</b>							
Subtask 1.1: Prepare Work Plan							\$0
Subtask 1.2: Submit M/WBE Plan							\$0
Subtask 1.3: Submit Work Plan							\$0
<b>TOTALS</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**NOTES:**

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c)
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

**TABLE 3.2**  
**TASK 2**  
**DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE**  
**LOVE CANAL LEACHATE TREATMENT FACILITY**

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
<b>TASK 2: BACKFLOW PREVENTER</b>							
Subtask 2.1: Review Design	\$984	\$70			\$166	\$7	\$1,227
Subtask 2.2: Complete Design Package							\$0
Subtask 2.3: Select Subcontractor	\$492	\$35				\$3	\$530
Subtask 2.4: Support Subcontractor	\$492	\$175			\$332	\$10	\$1,009
<b>TOTALS</b>	<b>\$1,968</b>	<b>\$280</b>	<b>\$0</b>	<b>\$0</b>	<b>\$498</b>	<b>\$20</b>	<b>\$2,766</b>

**NOTES:**

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c)
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

**TABLE 3.3**  
**TASK 3**  
**DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE**  
**LOVE CANAL LEACHATE TREATMENT FACILITY**

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
<b>TASK 3: SERVICE CLARIFIER</b>							
Subtask 3.1: Review Operating Procedures							\$0
Subtask 3.2: Design Alternative System							\$0
Subtask 3.3: Prep Contract, Clean/Repair							\$0
Subtask 3.4: Select Subcontractor	\$492	\$70			\$83	\$7	\$652
Subtask 3.5: Support Subcontractor	\$1,968	\$700			\$1,328	\$31	\$4,027
<b>TOTALS</b>	<b>\$2,460</b>	<b>\$770</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,411</b>	<b>\$38</b>	<b>\$4,679</b>

**NOTES:**

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c).
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

TABLE 3.4  
 TASK 4  
 DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
<b>TASK 4: CORROSION MONITOR STUDY</b>							
Subtask 4.1: Corrosion Study Work Plan	\$492	\$70			\$83	\$7	\$652
Subtask 4.2: Implement Corrosion Study							\$0
Subtask 4.3: Prepare Draft Report of Study							\$0
Subtask 4.4: Prepare Final Report of Study							\$0
<b>TOTALS</b>	<b>\$492</b>	<b>\$70</b>	<b>\$0</b>	<b>\$0</b>	<b>\$83</b>	<b>\$7</b>	<b>\$652</b>

**NOTES:**

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c)
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

TABLE 3.5  
TASK 5  
DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
<b>TASK 5:ELECTRICAL SYSTEM INSPECTION</b>							
Subtask 5.1: Review Site History/Document							\$0
Subtask 5.2: Complete Electrical Inspect	\$984	\$140			\$498	\$7	\$1,629
Subtask 5.3: Prep Recommendations Rpt							\$0
Subtask 5.4: Prepare Standby Contract							\$0
Subtask 5.5: Select Subcontractor							\$0
Subtask 5.6: Support Subcontractor							\$0
<b>TOTALS</b>	\$984	\$140	\$0	\$0	\$498	\$7	\$1,629

**NOTES:**

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c)
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

TABLE 3.6  
 TASK 6  
 DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
<b>TASK 6: SITE SURVEY</b>							
Subtask 6.1: Review Existing Site Info							\$0
Subtask 6.2: Prepare Survey Bid Package							\$0
Subtask 6.3: Select Subcontractor	\$492	\$70			\$83	\$3	\$648
Subtask 6.4: Support Subcontractor	\$984	\$350			\$664	\$13	\$2,011
Subtask 6.5: Aerial Photography							\$0
<b>TOTALS</b>	<b>\$1,476</b>	<b>\$420</b>	<b>\$0</b>	<b>\$0</b>	<b>\$747</b>	<b>\$16</b>	<b>\$2,659</b>

**NOTES:**

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c)
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

TABLE 3.7  
 TASK 7  
 DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
<b>TASK 7: RCRA/OSHA COMPLIANCE</b>							
Subtask 7.1: Review Site Documentation							\$0
Subtask 7.2: Prepare Designs and Plans							\$0
Subtask 7.3: Select Subcontractor							\$0
Subtask 7.4: Support Subcontractor							\$0
<b>TOTALS</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**NOTES:**

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c)
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

TABLE 3.8  
TASK 8  
DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
<b>TASK 8: MONITORING WELL INVENTORY</b>							
Subtask 8.1: Prepare Inventory Plans							\$0
Subtask 8.2: Complete Well Inventory	\$4,428	\$525		\$150	\$2,988	\$148	\$8,239
Subtask 8.3: Prepare Inventory Report							\$0
Subtask 8.4: Develop Well Abandon Proc.							\$0
Subtask 8.5: Remove Monitoring Wells							\$0
Subtask 8.6: Complete/Submit Final Report							\$0
<b>TOTALS</b>	\$4,428	\$525	\$0	\$150	\$2,988	\$148	\$8,239

**NOTES:**

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c)
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

TABLE 3.9  
TASK 9  
DETAILED ESTIMATE OF TRAVEL AND SUBSISTENCE  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) AIR	(2) CAR	(3) TRUCK	(4) VAN	(5) SUBSIS- TENCE	(6) OTHER	TOTAL COLUMNS (1-6)
<b>TASK 9: INSPECT/CLEAN LEACH SYSTEM</b>							
Subtask 9.1: Research Inspect/Clean Meths							\$0
Subtask 9.2: Prepare Subcontract							\$0
Subtask 9.3: Select Subcontractor	\$984	\$70			\$166	\$6	\$1,226
Subtask 9.4: Support Subcontractor	\$1,968	\$700			\$1,328	\$24	\$4,020
Subtask 9.5: Prepare Final Report							\$0
<b>TOTALS</b>	<b>\$2,952</b>	<b>\$770</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,494</b>	<b>\$30</b>	<b>\$5,246</b>

**NOTES:**

- 1. Air: See Schedule 2.11(c)
- 2. Car rental: See Schedule 2.11(c)

- 3. Truck rental: See Schedule 2.11(c)
- 4. Van: See Schedule 2.11(c)
- 5. Subsistence: See Schedule 2.11(c)

SCHEDULE 2.11(c)  
 DIRECT NON-SALARY COSTS

	COMMERCIAL AIR			CAR RENTAL		CUBE VAN RENTAL			OTHER		TOTAL
	DESTINATION	#TRIPS	AIRFARE	COST	NO. DAYS	COST	NO. DAYS	COST	GAS	MILEAGE	OTHER
<b>TASK 1: WORK PLAN</b>											
Subtask 1.1: Prepare Work Plan				\$0		\$0					\$0
Subtask 1.2: Submit M/WBE Plan				\$0		\$0					\$0
Subtask 1.3: Submit Work Plan				\$0		\$0					\$0
<b>TOTAL</b>				\$0		\$0	0	\$0	\$0	\$0	\$0

ASSUMPTIONS:

Car rental: \$35/day, 150mi/day

Airfare: round-trip commercial flight from Portland, ME to Buffalo, NY

	COMMERCIAL AIR			CAR RENTAL		CUBE VAN RENTAL			OTHER		TOTAL
	DESTINATION	#TRIPS	AIRFARE	COST	NO. DAYS	COST	NO. DAYS	COST	GAS	MILEAGE	OTHER
<b>TASK 2: BACKFLOW PREVENTER</b>											
Subtask 2.1: Review Design	Buffalo	2	\$492	\$984	2	\$70			\$7		\$7
Subtask 2.2: Complete Design Package				\$0		\$0					\$0
Subtask 2.3: Select Subcontractor	Buffalo	1	\$492	\$492	1	\$35			\$3		\$3
Subtask 2.4: Support Subcontractor	Buffalo	1	\$492	\$492	5	\$175			\$10		\$10
<b>TOTAL</b>		4		\$1,968	8	\$280	0	\$0	\$20	\$0	\$20

ASSUMPTIONS:

Car rental: \$35/day, 150mi/day

Airfare: round-trip commercial flight from Portland, ME to Buffalo, NY

COMMERCIAL AIR											
TOTAL			CAR RENTAL		CUBE VAN RENTAL			OTHER		TOTAL	
DESTINATION	#TRIPS	AIRFARE	COST	NO. DAYS	COST	NO. DAYS	COST	GAS	MILEAGE	OTHER	
<b>TASK 3: SERVICE CLARIFIER</b>											
Subtask 3.1: Review Operating Procedures			\$0		\$0						\$0
Subtask 3.2: Design Alternative System			\$0		\$0						\$0
Subtask 3.3: Prep Contract, Clean/Repair			\$0		\$0						\$0
Subtask 3.4: Select Subcontractor	Buffalo	1	\$492	\$492	2	\$70		\$7			\$7
Subtask 3.5: Support Subcontractor	Buffalo	4	\$492	\$1,968	20	\$700		\$31			\$31
<b>TOTAL</b>		<b>5</b>		<b>\$2,460</b>	<b>22</b>	<b>\$770</b>	<b>0</b>	<b>\$0</b>	<b>\$37</b>	<b>\$0</b>	<b>\$37</b>

**ASSUMPTIONS:**

Car rental: \$35/day, 150mi/day

Airfare: round-trip commercial flight from Portland, ME to Buffalo, NY

COMMERCIAL AIR											
TOTAL			CAR RENTAL		CUBE VAN RENTAL			OTHER		TOTAL	
DESTINATION	#TRIPS	AIRFARE	COST	NO. DAYS	COST	NO. DAYS	COST	GAS	MILEAGE	OTHER	
<b>TASK 4: CORROSION MONITOR STUDY</b>											
Subtask 4.1: Corrosion Study Work Plan	Buffalo	1	\$492	\$492	2	\$70		\$7			\$7
Subtask 4.2: Implement Corrosion Study			\$0		\$0						\$0
Subtask 4.3: Prepare Draft Report of Study			\$0		\$0						\$0
Subtask 4.4: Prepare Final Report of Study			\$0		\$0						\$0
<b>TOTAL</b>		<b>1</b>		<b>\$492</b>		<b>\$70</b>	<b>0</b>	<b>\$0</b>	<b>\$7</b>	<b>\$0</b>	<b>\$7</b>

**ASSUMPTIONS:**

Car rental: \$35/day, 150mi/day

Airfare: round-trip commercial flight from Portland, ME to Buffalo, NY

	COMMERCIAL AIR			CAR RENTAL		CUBE VAN RENTAL			OTHER		TOTAL
	DESTINATION	#TRIPS	AIRFARE	COST	NO. DAYS	COST	NO. DAYS	COST	GAS	MILEAGE	OTHER
<b>TASK 5: ELECTRICAL SYSTEM INSPECTION</b>				\$0		\$0					\$0
Subtask 5.1: Review Site History/Document				\$0		\$0					\$0
Subtask 5.2: Complete Electrical Inspect	Buffalo	2	\$492	\$984	4	\$140			\$7		\$7
Subtask 5.3: Prep Recommendations Rpt				\$0		\$0					\$0
Subtask 5.4: Prepare Standby Contract				\$0		\$0					\$0
Subtask 5.5: Select Subcontractor				\$0		\$0					\$0
Subtask 5.6: Support Subcontractor				\$0		\$0					\$0
<b>TOTAL</b>		2		\$984		\$140	0	\$0	\$7	\$0	\$7

**ASSUMPTIONS:**

Car rental: \$35/day, 150mi/day

Airfare: round-trip commercial flight from Portland, ME to Buffalo, NY

	COMMERCIAL AIR			CAR RENTAL		CUBE VAN RENTAL			OTHER		TOTAL
	DESTINATION	#TRIPS	AIRFARE	COST	NO. DAYS	COST	NO. DAYS	COST	GAS	MILEAGE	OTHER
<b>TASK 6: SITE SURVEY</b>				\$0		\$0					\$0
Subtask 6.1: Review Existing Site Info				\$0		\$0					\$0
Subtask 6.2: Prepare Survey Bld Package				\$0		\$0					\$0
Subtask 6.3: Select Subcontractor	Buffalo	1	\$492	\$492	2	\$70			\$3		\$3
Subtask 6.4: Support Subcontractor	Buffalo	2	\$492	\$984	10	\$350			\$13		\$13
Subtask 6.5: Aerial Photography				\$0		\$0					\$0
<b>TOTAL</b>		3		\$1,476		\$420	0	\$0	\$16	\$0	\$16

**ASSUMPTIONS:**

Car rental: \$35/day, 150mi/day

Airfare: round-trip commercial flight from Portland, ME to Buffalo, NY

	COMMERCIAL AIR				CAR RENTAL		CUBE VAN RENTAL		OTHER		TOTAL
	DESTINATION	#TRIPS	AIRFARE	COST	NO. DAYS	COST	NO. DAYS	COST	GAS	MILEAGE	OTHER
<b>TASK 7: RCRA/OSHA COMPLIANCE</b>											
Subtask 7.1: Review Site Documentation				\$0		\$0					\$0
Subtask 7.2: Prepare Designs and Plans				\$0		\$0					\$0
Subtask 7.3: Select Subcontractor				\$0		\$0					\$0
Subtask 7.4: Support Subcontractor				\$0		\$0					\$0
<b>TOTAL</b>		0	\$0	\$0		\$0	0	\$0	\$0	\$0	\$0

**ASSUMPTIONS:**

No trips planned at this time.

	COMMERCIAL AIR				CAR RENTAL		CUBE VAN RENTAL		OTHER		TOTAL
	DESTINATION	#TRIPS	AIRFARE	COST	NO. DAYS	COST	NO. DAYS	COST	GAS	MILEAGE	OTHER
<b>TASK 8: MONITORING WELL INVENTORY</b>											
Subtask 8.1: Prepare Inventory Plans				\$0		\$0					\$0
Subtask 8.2: Complete Well Inventory	Buffalo	9	\$492	\$4,428	15	\$525	5	\$150	\$50	\$98	\$148
Subtask 8.3: Prepare Inventory Report				\$0		\$0					\$0
Subtask 8.4: Develop Well Abandon Proc.				\$0		\$0					\$0
Subtask 8.5: Remove Monitoring Wells				\$0		\$0					\$0
Subtask 8.6: Complete/Submit Final Report				\$0		\$0					\$0
<b>TOTAL</b>		9		\$4,428	15	\$525	5	\$150	\$50	\$98	\$148

**ASSUMPTIONS:**

Car rental: \$35/day, 150mi/day

Airfare: round-trip commercial flight from Portland, ME to Buffalo, NY

Cube van rental: 29.95/day; mileage: 50 mi/day @ \$0.39/mi

COMMERCIAL AIR

	TOTAL			CAR RENTAL		CUBE VAN RENTAL			OTHER		TOTAL
	DESTINATION	#TRIPS	AIRFARE	COST	NO. DAYS	COST	NO. DAYS	COST	GAS	MILEAGE	OTHER
<b>TASK 9: INSPECT/CLEAN LEACH SYSTEM</b>											
Subtask 9.1: Research Inspect/Clean Meths				\$0		\$0					\$0
Subtask 9.2: Prepare Subcontract				\$0		\$0					\$0
Subtask 9.3: Select Subcontractor	Buffalo	2	\$492	\$984	2	\$70			\$6		\$6
Subtask 9.4: Support Subcontractor	Buffalo	4	\$492	\$1,968	20	\$700			\$24		\$24
Subtask 9.5: Prepare Final Report				\$0		\$0					\$0
<b>TOTAL</b>		<b>6</b>		<b>\$2,952</b>		<b>\$770</b>	<b>0</b>	<b>\$0</b>	<b>\$30</b>	<b>\$0</b>	<b>\$30</b>

**ASSUMPTIONS:**

Car rental: \$35/day, 150mi/day

Airfare: round-trip commercial flight from Portland, ME to Buffalo, NY

	LODGING			MEALS			TOTAL SUBSISTENCE
	TOTAL NO. NIGHTS	MAXIMUM RATE (1)	COST	TOTAL NO. DAYS	MAXIMUM RATE (1)	COST	
<b>TASK 1: WORK PLAN</b>							
Subtask 1.1: Prepare Work Plan			\$0			\$0	\$0
Subtask 1.2: Submit M/WBE Plan			\$0			\$0	\$0
Subtask 1.3: Submit Work Plan			\$0			\$0	\$0
<b>TOTAL</b>	<b>0</b>		<b>\$0</b>	<b>0</b>		<b>\$0</b>	<b>\$0</b>

ASSUMPTIONS:

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	LODGING			MEALS			TOTAL SUBSISTENCE
	TOTAL NO. NIGHTS	MAXIMUM RATE (1)	COST	TOTAL NO. DAYS	MAXIMUM RATE (1)	COST	
<b>TASK 2: BACKFLOW PREVENTER</b>							
Subtask 2.1: Review Design	2	57	\$114	2	26	\$52	\$166
Subtask 2.2: Complete Design Package			\$0			\$0	\$0
Subtask 2.3: Select Subcontractor			\$0			\$0	\$0
Subtask 2.4: Support Subcontractor	4	57	\$228	4	26	\$104	\$332
<b>TOTAL</b>	<b>6</b>		<b>\$342</b>	<b>6</b>		<b>\$156</b>	<b>\$498</b>

ASSUMPTIONS:

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	LODGING			MEALS			TOTAL SUBSISTENCE
	TOTAL NO.	MAXIMUM	COST	TOTAL NO.	MAXIMUM	COST	
	NIGHTS	RATE (1)		DAYS	RATE (1)		
<b>TASK 3: SERVICE CLARIFIER</b>							
Subtask 3.1: Review Operating Procedures			\$0			\$0	\$0
Subtask 3.2: Design Alternative System			\$0			\$0	\$0
Subtask 3.3: Prep Contract, Clean/Repair			\$0			\$0	\$0
Subtask 3.4: Select Subcontractor	1	57	\$57	1	26	\$26	\$83
Subtask 3.5: Support Subcontractor	16	57	\$912	16	26	\$416	\$1,328
<b>TOTAL</b>	<b>17</b>		<b>\$969</b>	<b>17</b>		<b>\$442</b>	<b>\$1,411</b>

**ASSUMPTIONS:**

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	LODGING			MEALS			TOTAL SUBSISTENCE
	TOTAL NO.	MAXIMUM	COST	TOTAL NO.	MAXIMUM	COST	
	NIGHTS	RATE (1)		DAYS	RATE (1)		
<b>TASK 4: CORROSION MONITOR STUDY</b>							
Subtask 4.1: Corrosion Study Work Plan	1	57	\$57	1	26	\$26	\$83
Subtask 4.2: Implement Corrosion Study			\$0			\$0	\$0
Subtask 4.3: Prepare Draft Report of Study			\$0			\$0	\$0
Subtask 4.4: Prepare Final Report of Study			\$0			\$0	\$0
<b>TOTAL</b>	<b>1</b>		<b>\$57</b>	<b>1</b>		<b>\$26</b>	<b>\$83</b>

**ASSUMPTIONS:**

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	LODGING			MEALS			TOTAL SUBSISTENCE
	TOTAL NO.	MAXIMUM	COST	TOTAL NO.	MAXIMUM	COST	
	NIGHTS	RATE (1)		DAYS	RATE (1)		
<b>TASK 5: ELECTRICAL SYSTEM INSPECTION</b>							
Subtask 5.1: Review Site History/Document			\$0			\$0	\$0
Subtask 5.2: Complete Electrical Inspect	6	57	\$342	6	26	\$156	\$498
Subtask 5.3: Prep Recommendations Rpt			\$0			\$0	\$0
Subtask 5.4: Prepare Standby Contract			\$0			\$0	\$0
Subtask 5.5: Select Subcontractor			\$0			\$0	\$0
Subtask 5.6: Support Subcontractor			\$0			\$0	\$0
<b>TOTAL</b>	<b>6</b>		<b>\$342</b>	<b>6</b>		<b>\$156</b>	<b>\$498</b>

ASSUMPTIONS:

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	LODGING			MEALS			TOTAL SUBSISTENCE
	TOTAL NO.	MAXIMUM	COST	TOTAL NO.	MAXIMUM	COST	
	NIGHTS	RATE (1)		DAYS	RATE (1)		
<b>TASK 6: SITE SURVEY</b>							
Subtask 6.1: Review Existing Site Info			\$0			\$0	\$0
Subtask 6.2: Prepare Survey Bid Package			\$0			\$0	\$0
Subtask 6.3: Select Subcontractor	1	57	\$57	1	26	\$26	\$83
Subtask 6.4: Support Subcontractor	8	57	\$456	8	26	\$208	\$664
Subtask 6.5: Aerial Photography			\$0			\$0	\$0
<b>TOTAL</b>	<b>9</b>		<b>\$513</b>	<b>9</b>		<b>\$234</b>	<b>\$747</b>

ASSUMPTIONS:

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	LODGING			MEALS			TOTAL SUBSISTENCE
	TOTAL NO.	MAXIMUM	COST	TOTAL NO.	MAXIMUM	COST	
	NIGHTS	RATE (1)		DAYS	RATE (1)		
<b>TASK 7: RCRA/OSHA COMPLIANCE</b>							
Subtask 7.1: Review Site Documentation			\$0			\$0	\$0
Subtask 7.2: Prepare Designs and Plans			\$0			\$0	\$0
Subtask 7.3: Select Subcontractor			\$0			\$0	\$0
Subtask 7.4: Support Subcontractor			\$0			\$0	\$0
<b>TOTAL</b>	<b>0</b>		<b>\$0</b>	<b>0</b>		<b>\$0</b>	<b>\$0</b>

**ASSUMPTIONS:**

No trips planned at this time.

	LODGING			MEALS			TOTAL SUBSISTENCE
	TOTAL NO.	MAXIMUM	COST	TOTAL NO.	MAXIMUM	COST	
	NIGHTS	RATE (1)		DAYS	RATE (1)		
<b>TASK 8: MONITORING WELL INVENTORY</b>							
Subtask 8.1: Prepare Inventory Plans			\$0			\$0	\$0
Subtask 8.2: Complete Well Inventory	36	57	\$2,052	36	26	\$936	\$2,988
Subtask 8.3: Prepare Inventory Report			\$0			\$0	\$0
Subtask 8.4: Develop Well Abandon Proc.			\$0			\$0	\$0
Subtask 8.5: Remove Monitoring Wells			\$0			\$0	\$0
Subtask 8.6: Complete/Submit Final Report			\$0			\$0	\$0
<b>TOTAL</b>	<b>36</b>		<b>\$2,052</b>	<b>36</b>		<b>\$936</b>	<b>\$2,988</b>

**ASSUMPTIONS:**

	LODGING			MEALS			TOTAL SUBSISTENCE
	TOTAL NO. NIGHTS	MAXIMUM RATE (1)	COST	TOTAL NO. DAYS	MAXIMUM RATE (1)	COST	
<b>TASK 9: INSPECT/CLEAN LEACH SYSTEM</b>							
Subtask 9.1: Research Inspect/Clean Meths			\$0			\$0	\$0
Subtask 9.2: Prepare Subcontract			\$0			\$0	\$0
Subtask 9.3: Select Subcontractor	2	57	\$114	2	26	\$52	\$166
Subtask 9.4: Support Subcontractor	16	57	\$912	16	26	\$416	\$1,328
Subtask 9.5: Prepare Final Report			\$0			\$0	\$0
<b>TOTAL</b>	<b>18</b>		<b>\$1,026</b>	<b>18</b>		<b>\$468</b>	<b>\$1,494</b>

ASSUMPTIONS:

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TABLE 4.0  
SUMMARY OF OTHER DIRECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
TASK 1 - WORK PLAN	\$202	\$600	\$0	\$0	\$0	\$0	\$0	\$802
TASK 2 - BACKFLOW PREVENTER	\$42	\$215	\$0	\$0	\$0	\$15	\$20	\$292
TASK 3 - SERVICE CLARIFIER	\$90	\$355	\$338	\$225	\$0	\$74	\$10	\$1,092
TASK 4 - CORROSION MONITOR STUDY	\$105	\$250	\$0	\$0	\$0	\$20	\$10	\$385
TASK 5 - ELECTRICAL SYSTEM INSPECTI	\$84	\$195	\$180	\$0	\$0	\$42	\$15	\$516
TASK 6 - SITE SURVEY	\$60	\$245	\$0	\$0	\$0	\$15	\$0	\$320
TASK 7 - RCRA/OSHA COMPLIANCE	\$50	\$200	\$0	\$0	\$0	\$30	\$0	\$280
TASK 8 - MONITORING WELL INVENTORY	\$220	\$910	\$810	\$0	\$630	\$3,600	\$30	\$6,200
TASK 9 - INSPECT/CLEAN LEACH SYSTE	\$184	\$650	\$450	\$0	\$0	\$747	\$10	\$2,041
<b>TOTALS</b>	<b>\$1,037</b>	<b>\$3,620</b>	<b>\$1,778</b>	<b>\$225</b>	<b>\$630</b>	<b>\$4,543</b>	<b>\$95</b>	<b>\$11,928</b>

**NOTES:**

1. Copies: See Schedule 2.11(d)5
2. Phone: See Schedule 2.11(d)5

3. Rates Level D \$22.50/person/day.  
Rates Level C \$45.00/person/day.  
Rates Level B \$70.00/person/day.

4. See Schedule 2.11(d)5.
5. See Schedule 2.11(d)5

TABLE 4.1  
 TASK 1  
 SUMMARY OF OTHER DIRECT COSTS  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
<b>TASK 1: WORK PLAN</b>								
Subtask 1.1: Prepare Work Plan	\$202	\$600						\$802
Subtask 1.2: Submit M/WBE Plan								\$0
Subtask 1.3: Submit Work Plan								\$0
<b>TOTALS</b>	<b>\$202</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$802</b>

**NOTES:**

- 1. Copies: See Schedule 2.11(d)5
- 2. Phone: See Schedule 2.11(d)5

- 3. Rates Level D \$22.50/person/day.  
 Rates Level C \$45.00/person/day.  
 Rates Level B \$70.00/person/day.

- 4. See Schedule 2.11(d)5.
- 5. See Schedule 2.11(d)5

TABLE 4.2  
 TASK 2  
 SUMMARY OF OTHER DIRECT COSTS  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
<b>TASK 2: BACKFLOW PREVENTER</b>								
Subtask 2.1: Review Design	\$7	\$30						\$37
Subtask 2.2: Complete Design Package	\$15	\$50				\$15	\$20	\$100
Subtask 2.3: Select Subcontractor	\$15	\$100						\$115
Subtask 2.4: Support Subcontractor	\$5	\$35						\$40
<b>TOTALS</b>	<b>\$42</b>	<b>\$215</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15</b>	<b>\$20</b>	<b>\$292</b>

**NOTES:**

- 1. Copies: See Schedule 2.11(d)5
- 2. Phone: See Schedule 2.11(d)5

- 3. Rates Level D \$22.50/person/day.  
 Rates Level C \$45.00/person/day.  
 Rates Level B \$70.00/person/day.

- 4. See Schedule 2.11(d)5.
- 5. See Schedule 2.11(d)5

TABLE 4.3  
TASK 3  
SUMMARY OF OTHER DIRECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
<b>TASK 3: SERVICE CLARIFIER</b>								
Subtask 3.1: Review Operating Procedures	\$20	\$20					\$10	\$50
Subtask 3.2: Design Alternative System	\$20	\$50				\$15		\$85
Subtask 3.3: Prep Contract, Clean/Repair	\$40	\$145				\$10		\$195
Subtask 3.4: Select Subcontractor		\$100						\$100
Subtask 3.5: Support Subcontractor	\$10	\$40	\$338	\$225		\$49		\$662
<b>TOTALS</b>	\$90	\$355	\$338	\$225	\$0	\$74	\$10	\$1,092

**NOTES:**

1. Copies: See Schedule 2.11(d)5
2. Phone: See Schedule 2.11(d)5

3. Rates Level D \$22.50/person/day.  
Rates Level C \$45.00/person/day.  
Rates Level B \$70.00/person/day.

4. See Schedule 2.11(d)5.
5. See Schedule 2.11(d)5

TABLE 4.4  
TASK 4  
SUMMARY OF OTHER DIRECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
<b>TASK 4: CORROSION MONITOR STUDY</b>								
Subtask 4.1: Corrosion Study Work Plan	\$105	\$250				\$20	\$10	\$385
Subtask 4.2: Implement Corrosion Study								\$0
Subtask 4.3: Prepare Draft Report of Study								\$0
Subtask 4.4: Prepare Final Report of Study								\$0
<b>TOTALS</b>	\$105	\$250	\$0	\$0	\$0	\$20	\$10	\$385

**NOTES:**

1. Copies: See Schedule 2.11(d)5
2. Phone: See Schedule 2.11(d)5

3. Rates Level D \$22.50/person/day.  
Rates Level C \$45.00/person/day.  
Rates Level B \$70.00/person/day.

4. See Schedule 2.11(d)5.
5. See Schedule 2.11(d)5

TABLE 4.5  
TASK 5  
SUMMARY OF OTHER DIRECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
<b>TASK 5: ELECTRICAL SYSTEM INSPECTION</b>								
Subtask 5.1: Review Site History/Document	\$14	\$100					\$15	\$129
Subtask 5.2: Complete Electrical Inspect		\$25	\$180			\$17		\$222
Subtask 5.3: Prep Recommendations Rpt	\$70	\$70				\$25		\$165
Subtask 5.4: Prepare Standby Contract								\$0
Subtask 5.5: Select Subcontractor								\$0
Subtask 5.6: Support Subcontractor								\$0
<b>TOTALS</b>	<b>\$84</b>	<b>\$195</b>	<b>\$180</b>	<b>\$0</b>	<b>\$0</b>	<b>\$42</b>	<b>\$15</b>	<b>\$516</b>

**NOTES:**

1. Copies: See Schedule 2.11(d)5
2. Phone: See Schedule 2.11(d)5

3. Rates Level D \$22.50/person/day.  
Rates Level C \$45.00/person/day.  
Rates Level B \$70.00/person/day.

4. See Schedule 2.11(d)5.
5. See Schedule 2.11(d)5

TABLE 4.6  
TASK 6  
SUMMARY OF OTHER DIRECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
<b>TASK 6: SITE SURVEY</b>								
Subtask 6.1: Review Existing Site Info		\$30						\$30
Subtask 6.2: Prepare Survey Bid Package	\$20	\$70				\$10		\$100
Subtask 6.3: Select Subcontractor	\$35	\$120				\$5		\$160
Subtask 6.4: Support Subcontractor	\$5	\$25						\$30
Subtask 6.5: Aerial Photography								\$0
<b>TOTALS</b>	\$60	\$245	\$0	\$0	\$0	\$15	\$0	\$320

**NOTES:**

1. Copies: See Schedule 2.11(d)5
2. Phone: See Schedule 2.11(d)5

3. Rates Level D \$22.50/person/day.  
Rates Level C \$45.00/person/day.  
Rates Level B \$70.00/person/day.

4. See Schedule 2.11(d)5.
5. See Schedule 2.11(d)5

TABLE 4.7  
 TASK 7  
 SUMMARY OF OTHER DIRECT COSTS  
 LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
<b>TASK 7: RCRA/OSHA COMPLIANCE</b>								
Subtask 7.1: Review Site Documentation	\$20	\$70						\$90
Subtask 7.2: Prepare Designs and Plans	\$30	\$130				\$30		\$190
Subtask 7.3: Select Subcontractor								\$0
Subtask 7.4: Support Subcontractor								\$0
<b>TOTALS</b>	\$50	\$200	\$0	\$0	\$0	\$30	\$0	\$280

**NOTES:**

1. Copies: See Schedule 2.11(d)5
2. Phone: See Schedule 2.11(d)5

3. Rates Level D \$22.50/person/day.  
 Rates Level C \$45.00/person/day.  
 Rates Level B \$70.00/person/day.

4. See Schedule 2.11(d)5.
5. See Schedule 2.11(d)5

TABLE 4.8  
TASK 8  
SUMMARY OF OTHER DIRECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
<b>TASK 8: MONITORING WELL INVENTORY</b>								
Subtask 8.1: Prepare Inventory Plans	\$30	\$70					\$10	\$110
Subtask 8.2: Complete Well Inventory	\$10	\$570	\$810		\$630	\$3,550	\$20	\$5,590
Subtask 8.3: Prepare Inventory Report	\$50	\$75				\$25		\$150
Subtask 8.4: Develop Well Abandon Proc.	\$30	\$100						\$130
Subtask 8.5: Remove Monitoring Wells								\$0
Subtask 8.6: Complete/Submit Final Report	\$100	\$95				\$25		\$220
<b>TOTALS</b>	<b>\$220</b>	<b>\$910</b>	<b>\$810</b>	<b>\$0</b>	<b>\$630</b>	<b>\$3,600</b>	<b>\$30</b>	<b>\$6,200</b>

**NOTES:**

1. Copies: See Schedule 2.11(d)5
2. Phone: See Schedule 2.11(d)5

3. Rates Level D \$22.50/person/day.  
Rates Level C \$45.00/person/day.  
Rates Level B \$70.00/person/day.

4. See Schedule 2.11(d)5.
5. See Schedule 2.11(d)5

TABLE 4.9  
TASK 9  
SUMMARY OF OTHER DIRECT COSTS  
LOVE CANAL LEACHATE TREATMENT FACILITY

TASK	(1) PRINTING & REPRODUCTION	(2) TELEPHONE & & SHIPPING	(3) LEVEL D	(3) LEVEL C	(3) LEVEL B	(4) MATERIALS AND SUPPLIES	(5) OTHER	TOTAL COLUMNS (1-5)
<b>TASK 9: INSPECT/CLEAN LEACH SYSTEM</b>								
Subtask 9.1: Research Inspect/Clean Meth	\$14	\$75					\$10	\$99
Subtask 9.2: Prepare Subcontract	\$50	\$135						\$185
Subtask 9.3: Select Subcontractor	\$20	\$160						\$180
Subtask 9.4: Support Subcontractor		\$120	\$450			\$717		\$1,287
Subtask 9.5: Prepare Final Report	\$100	\$160				\$30		\$290
<b>TOTALS</b>	\$184	\$650	\$450	\$0	\$0	\$747	\$10	\$2,041

**NOTES:**

- 1. Copies: See Schedule 2.11(d)5
- 2. Phone: See Schedule 2.11(d)5

- 3. Rates Level D \$22.50/person/day.  
Rates Level C \$45.00/person/day.  
Rates Level B \$70.00/person/day.

- 4. See Schedule 2.11(d)5.
- 5. See Schedule 2.11(d)5

Work Assignment No: D-002472-5  
 Site: Love Canal Leachate Treatment Facility

SCHEDULE 2.11(d) 5  
 CONSUMMABLE SUPPLIES

05/14/90

	PRINTING & REPRO.	TELEPHONE & FAX	SHIPPING	TOTAL SHIP&PHONE	MATERIALS &SUPPLIES	COMPUTER	OTHER	TOTAL COMP&OTH
<b>TASK 1: WORK PLAN</b>								
Subtask 1.1: Prepare Work Plan	\$202	\$400	\$200	\$600				\$0
Subtask 1.2: Submit M/WBE Plan				\$0				\$0
Subtask 1.3: Submit Work Plan				\$0				\$0
<b>TOTAL</b>	<b>\$202</b>	<b>\$400</b>	<b>\$200</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

ASSUMPTIONS:

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	PRINTING & REPRO.	TELEPHONE & FAX	SHIPPING	TOTAL SHIP&PHONE	MATERIALS &SUPPLIES	COMPUTER	OTHER	TOTAL COMP&OTH
<b>TASK 2: BACKFLOW PREVENTER</b>								
Subtask 2.1: Review Design	\$7	\$30		\$30				\$0
Subtask 2.2: Complete Design Package	\$15	\$30	\$20	\$50	\$15	\$20		\$20
Subtask 2.3: Select Subcontractor	\$15	\$50	\$50	\$100				\$0
Subtask 2.4: Support Subcontractor	\$5	\$15	\$20	\$35				\$0
<b>TOTAL</b>	<b>\$42</b>	<b>\$125</b>	<b>\$90</b>	<b>\$215</b>	<b>\$15</b>	<b>\$20</b>	<b>\$0</b>	<b>\$20</b>

ASSUMPTIONS:

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	PRINTING & REPRO.	TELEPHONE & FAX	SHIPPING	TOTAL SHIP&PHONE	MATERIALS &SUPPLIES	COMPUTER	OTHER	TOTAL COMP&OTH
<b>TASK 3: SERVICE CLARIFIER</b>								
Subtask 3.1: Review Operating Procedures	\$20	\$20		\$20		\$10		\$10
Subtask 3.2: Design Alternative System	\$20	\$50		\$50	\$15			\$0
Subtask 3.3: Prep Contract, Clean/Repair	\$40	\$75	\$70	\$145	\$10			\$0
Subtask 3.4: Select Subcontractor		\$50	\$50	\$100				\$0
Subtask 3.5: Support Subcontractor	\$10	\$20	\$20	\$40	\$49			\$0
<b>TOTAL</b>	<b>\$90</b>	<b>\$215</b>	<b>\$140</b>	<b>\$355</b>	<b>\$74</b>	<b>\$10</b>	<b>\$0</b>	<b>\$10</b>

ASSUMPTIONS:

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	PRINTING & REPRO.	TELEPHONE & FAX	SHIPPING	TOTAL SHIP&PHONE	MATERIALS &SUPPLIES	COMPUTER	OTHER	TOTAL COMP&OTH
<b>TASK 4: CORROSION MONITOR STUDY</b>								
Subtask 4.1: Corrosion Study Work Plan	\$105	\$150	\$100	\$250	\$20	\$10		\$10
Subtask 4.2: Implement Corrosion Study				\$0				\$0
Subtask 4.3: Prepare Draft Report of Study				\$0				\$0
Subtask 4.4: Prepare Final Report of Study				\$0				\$0
<b>TOTAL</b>	<b>\$105</b>	<b>\$150</b>	<b>\$100</b>	<b>\$250</b>	<b>\$20</b>	<b>\$10</b>	<b>\$0</b>	<b>\$10</b>

ASSUMPTIONS:

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	PRINTING & REPRO.	TELEPHONE & FAX	SHIPPING	TOTAL SHIP&PHONE	MATERIALS &SUPPLIES	COMPUTER	OTHER	TOTAL COMP&OTH
<b>TASK 5: ELECTRICAL SYSTEM INSPECTION</b>								
Subtask 5.1: Review Site History/Document	\$14	\$80	\$20	\$100		\$15		\$15
Subtask 5.2: Complete Electrical Inspect		\$25		\$25	\$17			\$0
Subtask 5.3: Prep Recommendations Rpt	\$70	\$20	\$50	\$70	\$25			\$0
Subtask 5.4: Prepare Standby Contract				\$0				\$0
Subtask 5.5: Select Subcontractor				\$0				\$0
Subtask 5.6: Support Subcontractor				\$0				\$0
<b>TOTAL</b>	<b>\$84</b>	<b>\$125</b>	<b>\$70</b>	<b>\$195</b>	<b>\$42</b>	<b>\$15</b>	<b>\$0</b>	<b>\$15</b>

ASSUMPTIONS:

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	PRINTING & REPRO.	TELEPHONE & FAX	SHIPPING	TOTAL SHIP&PHONE	MATERIALS &SUPPLIES	COMPUTER	OTHER	TOTAL COMP&OTH
<b>TASK 6: SITE SURVEY</b>								
Subtask 6.1: Review Existing Site Info		\$30		\$30				\$0
Subtask 6.2: Prepare Survey Bid Package	\$20	\$50	\$20	\$70	\$10			\$0
Subtask 6.3: Select Subcontractor	\$35	\$50	\$70	\$120	\$5			\$0
Subtask 6.4: Support Subcontractor	\$5	\$25		\$25				\$0
Subtask 6.5: Aerial Photography	\$0	\$0		\$0				\$0
<b>TOTAL</b>	<b>\$60</b>	<b>\$155</b>	<b>\$90</b>	<b>\$245</b>	<b>\$15</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

ASSUMPTIONS:

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	PRINTING & REPRO.	TELEPHONE & FAX	SHIPPING	TOTAL SHIP&PHONE	MATERIALS &SUPPLIES	COMPUTER	OTHER	TOTAL COMP&OTH
<b>TASK 7: RCRA/OSHA COMPLIANCE</b>								
Subtask 7.1: Review Site Documentation	\$20	\$70		\$70				\$0
Subtask 7.2: Prepare Designs and Plans	\$30	\$70	\$60	\$130	\$30			\$0
Subtask 7.3: Select Subcontractor				\$0				\$0
Subtask 7.4: Support Subcontractor				\$0				\$0
<b>TOTAL</b>	<b>\$50</b>	<b>\$140</b>	<b>\$60</b>	<b>\$200</b>	<b>\$30</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

ASSUMPTIONS:

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	PRINTING & REPRO.	TELEPHONE & FAX	SHIPPING	TOTAL SHIP&PHONE	MATERIALS &SUPPLIES	COMPUTER	OTHER	TOTAL COMP&OTH
<b>TASK 8: MONITORING WELL INVENTORY</b>								
Subtask 8.1: Prepare Inventory Plans	\$30	\$50	\$20	\$70		\$10		\$10
Subtask 8.2: Complete Well Inventory	\$10	\$70	\$500	\$570	\$3,550	\$20		\$20
Subtask 8.3: Prepare Inventory Report	\$50	\$25	\$50	\$75	\$25			\$0
Subtask 8.4: Develop Well Abandon Proc.	\$30	\$50	\$50	\$100				\$0
Subtask 8.5: Remove Monitoring Wells				\$0				\$0
Subtask 8.6: Complete/Submit Final Report	\$100	\$25	\$70	\$95	\$25			\$0
<b>TOTAL</b>	<b>\$220</b>	<b>\$220</b>	<b>\$690</b>	<b>\$910</b>	<b>\$3,600</b>	<b>\$30</b>	<b>\$0</b>	<b>\$30</b>

ASSUMPTIONS:

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	PRINTING & REPRO.	TELEPHONE & FAX	SHIPPING	TOTAL SHIP&PHONE	MATERIALS &SUPPLIES	COMPUTER	OTHER	TOTAL COMP&OTH
<b>TASK 9: INSPECT/CLEAN LEACH SYSTEM</b>								
Subtask 9.1: Research Inspect/Clean Meths	\$14	\$75		\$75		\$10		\$10
Subtask 9.2: Prepare Subcontract	\$50	\$75	\$60	\$135				\$0
Subtask 9.3: Select Subcontractor	\$20	\$70	\$90	\$160				\$0
Subtask 9.4: Support Subcontractor			\$120	\$120	\$717			\$0
Subtask 9.5: Prepare Final Report	\$100	\$70	\$90	\$160	\$30			\$0
<b>TOTAL</b>	<b>\$184</b>	<b>\$290</b>	<b>\$360</b>	<b>\$650</b>	<b>\$747</b>	<b>\$10</b>	<b>\$0</b>	<b>\$10</b>

ASSUMPTIONS:

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**SCHEDULE 2.11(d) 2  
CONSULTANT OWNED EQUIPMENT**

**TASK 3.5: CLEAN AND REPAIR CLARIFIER**

ITEM	QUANTITY	USAGE RATE	TOTAL COST
<b>NSSC EQUIPMENT</b>		<b>(PER DAY)</b>	
ISCO MODEL 2600		\$30.00	\$0.00
GEOTECH INLINE FILTER		\$2.00	\$0.00
WILDCO SEDIMENT CORE SAMPLER		\$23.00	\$0.00
NORWELL TEFLON BAILER		\$7.00	\$0.00
FULTZ SUB. PUMP		\$33.00	\$0.00
KECK SUB. PUMP SP-81		\$46.00	\$0.00
ISCO 1580		\$18.00	\$0.00
ISCO 1680		\$21.00	\$0.00
ISCO NICAD BATERIES		\$3.00	\$0.00
ISCO POWER PACK		\$3.00	\$0.00
SPLIT SPOON SAMPLER		\$25.00	\$0.00
BOMB SAMPLER		\$11.00	\$0.00
TRIPAR ANALYZER		\$16.00	\$0.00
YSI 3500 PH/COND/TEMP METER		\$24.00	\$0.00
HNU 101 PHOTO. METER		\$45.00	\$0.00
PHOTOVAC TIP1		\$35.00	\$0.00
PHOTOVAC 10550		\$112.00	\$0.00
TE PID METER		\$40.00	\$0.00
DRAEGER PUMP		\$6.00	\$0.00
RADIATION METER		\$4.00	\$0.00
O2 DEFICIENCY/L.E.L. METER		\$10.00	\$0.00
GASCOPE MODEL 60		\$12.00	\$0.00
RESPIRATOR		\$4.00	\$0.00
SCBA		\$11.00	\$0.00
SCBA SPORT TANK		\$2.00	\$0.00
AIRLINE		\$40.00	\$0.00
ESCAPE RESPIRATOR		\$4.00	\$0.00
H2O LEVEL METER		\$3.00	\$0.00
BALANCE		\$19.00	\$0.00
VWR OVEN		\$5.00	\$0.00
COLEMAN COOLER		\$1.00	\$0.00
<b>OTHER EQUIPMENT</b>			\$0.00
NMS MX-241(EXPLOSIMETER)		\$10.00	\$0.00
HERMIT DATA LOGGER		\$15.00	\$0.00
TRANSDUCER		\$19.00	\$0.00
STAINLESS STEEL BUCKETS		\$10.00	\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
<b>TOTAL</b>			\$0.00

## HEALTH AND SAFETY - PERSONAL PROTECTION &amp; SITE SAFETY EQUIPMENT

	TOTAL DAYS	LUMP SUM	TOTAL COST
<b>PERSONAL PROTECTION</b>	(\$PER PERSON PER DAY)		
LEVEL D - Daily Rate Includes (2):	15	\$22.50 (1)	\$337.50
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• COVERALLS</li> </ul>		<ul style="list-style-type: none"> <li>• NITRILE GLOVES</li> <li>• HARD HAT W/SHIELD</li> </ul>	
LEVEL C - Daily Rate Includes (2):	5	\$45.00 (1)	\$225.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• OUTER BOOTS</li> <li>• TYVEK SUIT</li> <li>• NITRILE GLOVES</li> </ul>		<ul style="list-style-type: none"> <li>• DISPOSABLE GLOVES</li> <li>• RESPIRATOR</li> <li>• CARTRIDGE</li> </ul>	
LEVEL B - Daily Rate Includes (2):		\$70.00 (1)	\$0.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• OUTER BOOTS</li> <li>• COVERALLS</li> <li>• TYVEK SUIT</li> </ul>		<ul style="list-style-type: none"> <li>• NITRILE GLOVES</li> <li>• DISPOSABLE GLOVES</li> <li>• SCBA &amp; SPARE TANK</li> <li>• AIRLINE</li> </ul>	
<b>TOTAL (1)</b>			<b>\$562.50</b>

## NOTES:

- 1) HEALTH & SAFETY PERSONAL PROTECTION EQUIPMENT COSTS ARE NOT INCLUDED IN TOTAL EQUIPMENT COSTS, SEE SUMMARY TABLE 4.0
- 2) DAILY HEALTH MONITORING COSTS ARE INCLUDED IN OVERHEAD

<b>OTHER H&amp;S EQUIPMENT</b>	(PER EVENT)	
PORTABLE EYE-WASH STATION	\$7.00	\$0.00
FIRE EXTINGUISHER	\$10.00	\$0.00
FIRST AID KIT	\$15.00	\$0.00
EMERGENCY HORN	\$7.00	\$0.00
EMERGENCY LIGHT	\$10.00	\$0.00
STRETCHER	\$10.00	\$0.00
<b>TOTAL</b>		<b>\$0.00</b>

ESTIMATOR'S INITIALS: *AK*

Site: LOVE CANAL

**SCHEDULE 2.11(d) 5  
CONSUMABLE SUPPLIES**

## TASK 3.5: CLEAN AND REPAIR CLARIFIER

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>GENERAL</b>				
GLOVES, BUTYL		PAIR	\$11.25	\$0.00
TAPE, DUCT		ROLL	\$8.00	\$0.00
TAPE, 2 INCH		ROLL	\$6.00	\$0.00
TAPE, FILAMENT		ROLL	\$8.00	\$0.00
<b>DECONTAMINATION FLUID</b>				
-DEIONIZED WATER		GAL	\$1.00	\$0.00
<b>DECON PACKAGE</b>				
-WASH BRUSHES		EACH	\$5.00	\$0.00
-SPRAYERS		EACH	\$7.00	\$0.00
-WASHTUBS		EACH	\$4.00	\$0.00
KIMWIPES		BOX	\$1.40	\$0.00
BAGGIES		BOX	\$1.60	\$0.00
ICE		BAG	\$1.30	\$0.00
BUBBLE PACK		FOOT	\$0.20	\$0.00
STAINLESS STEEL SPATULAS		EACH	\$1.00	\$0.00
STAINLESS STEEL SPOONS		EACH	\$7.00	\$0.00
SQUIRT BOTTLES		EACH	\$4.00	\$0.00
ALUMINUM FOIL		BOX	\$0.80	\$0.00
LOG BOOK	1	EACH	\$9.75	\$9.75
SAMPLE PRESERVATION KIT		EACH	\$10.00	\$0.00
pH BUFFERS		EACH	\$3.50	\$0.00
CONDUCTIVITY STANDARDS		EACH	\$7.00	\$0.00
<b>ETHYL ALCOHOL</b>				
VERMICULITE		BAG	\$12.00	\$0.00
.45um FILTER PAPERS		PKG	\$87.00	\$0.00
PLASTIC SHEETING		ROLL	\$24.00	\$0.00
<b>TUBING</b>				
-TEFLON		FOOT	\$1.23	\$0.00
-SILICON		FOOT	\$3.22	\$0.00
POWER PACK		EACH	\$3.00	\$0.00
RESPIRATOR CARTRIDGES		PAIR	\$17.00	\$0.00
COMPRESSED AIR BOTTLES		EACH	\$20.00	\$0.00
TOPOGRAPHIC MAPS		EACH	\$5.50	\$0.00
AERIAL PHOTOGRAPHS		EACH	\$15.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$9.75</b>

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>GC EXPENDABLE SUPPLIES:</b>				
SYRINGES		EACH	\$40.00	\$0.00
SYRINGE NEEDLES		PKG	\$11.00	\$0.00
SYRINGE PLUNGER TIP		PKG	\$15.00	\$0.00
GC STANDARDS		EACH	\$15.00	\$0.00
DRAM VIALS		PKG	\$75.00	\$0.00
SEPTUM		EACH	\$1.00	\$0.00
CAP. COL. SLEEVES		EACH	\$20.00	\$0.00
GAS TUBING		50 FT	\$50.00	\$0.00
TUBING FITTINGS		PKG	\$50.00	\$0.00
D.I. WATER		GAL	\$1.00	\$0.00
P/T METHANOL		GAL	\$57.50	\$0.00
H2SO4		GAL	\$50.00	\$0.00
HEXANE		GAL	\$50.00	\$0.00
PIPETTES, DISPOSABLE		EACH	\$0.10	\$0.00
40 ML. VIALS		EACH	\$3.50	\$0.00
COL. FERRULES		EACH	\$15.00	\$0.00
SPARE DET PARTS		PKG	\$90.00	\$0.00
SPARGER VESSEL		EACH	\$35.00	\$0.00
P/T TRAPS		EACH	\$25.00	\$0.00
INK CARTRIDGE		EACH	\$11.00	\$0.00
CHART PAPER		ROLL	\$13.75	\$0.00
KIMWIPES		EACH	\$1.40	\$0.00
LOG BOOK		EACH	\$12.00	\$0.00
LABELS		PKG	\$15.00	\$0.00
ELECTRICAL CON.		PKG	\$25.00	\$0.00
SNOOP		EACH	\$6.00	\$0.00
GC GASES		EACH	\$100.00	\$0.00
GLASSWARE		EACH	\$1.00	\$0.00
PROBE CLEANING		EACH	\$6.00	\$0.00
SILICONE TUBING		L.F.	\$4.50	\$0.00
JACKHAMMER		EACH	\$35.00	\$0.00
JACK		EACH	\$15.00	\$0.00
GAS		GAL	\$1.00	\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>SAMPLE CONTAINERS:</b>				
<b>GLASS:**</b>				
1 L AMBER		EACH	\$5.00	\$0.00
1 L WIDE MOUTH		EACH		\$0.00
2 OZ		EACH		\$0.00
4 OZ		EACH		\$0.00
16 OZ		EACH		\$0.00
2.5 GALLON		EACH		\$0.00
40 ML VIALS		EACH	\$3.50	\$0.00
<b>PLASTIC:</b>				
60 ML		EACH		\$0.00
125 ML		EACH	\$1.25	\$0.00
250 ML		EACH		\$0.00
500 ML		EACH		\$0.00
1 L		EACH	\$3.50	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

\*\*Includes 5% Breakage



Site: LOVE CANAL

SCHEDULE 2.11(d) 3  
VENDOR-RENTED EQUIPMENT

## TASK 3.5: CLEAN AND REPAIR CLARIFIER

ITEM	USAGE	UNIT	RENTAL RATE	TOTAL RENTAL COST
<b>GEOPHYSICS INSTRUMENT RENTAL:</b>				
EM-31 TERRAIN CONDUCTIVITY UNIT		DAY	\$117.00	\$0.00
SEISMIC - ES-2415		DAY	\$400.00	\$0.00
RESIST - BISON 2350b		DAY	\$70.00	\$0.00
MAGNETOMETER - EDA		DAY	\$200.00	\$0.00
GSSI SIR SYSTEM III GPR		DAY	\$422.00	\$0.00
M.D. - DISHER TW-5		DAY	\$25.00	\$0.00
T.C. - EM34.3		DAY	\$84.00	\$0.00
T.C - EM31		DAY	\$51.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

<b>GC/SOIL GAS EQUIPMENT RENTAL</b>				
HP-5890 CAP.		DAY	\$41.00	\$0.00
HP-5890 PKD		DAY	\$41.00	\$0.00
HP-3396 INT		DAY	\$11.00	\$0.00
TECHKAR P/T		DAY	\$35.00	\$0.00
HP AUTOSAMPLER		DAY	\$35.00	\$0.00
OVEN		DAY	\$4.00	\$0.00
WATER BATH		DAY	\$2.00	\$0.00
REFRIGERATOR		DAY	\$3.00	\$0.00
CAPILLARY COL		DAY	\$10.00	\$0.00
PACKED COLUMN		DAY	\$2.00	\$0.00
GSA REGULATORS		DAY	\$2.00	\$0.00
FUME HOOD		DAY	\$7.00	\$0.00
VORTEX		DAY	\$3.00	\$0.00
CENTRIFUGE		DAY	\$3.00	\$0.00
BALANCE		DAY	\$6.00	\$0.00
WASTE TANK		DAY	\$2.00	\$0.00
GENERATOR		DAY	\$35.00	\$0.00
INTERFACE CABLES		DAY	\$2.50	\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ITEM	USAGE	UNIT	RENTAL RATE	TOTAL RENTAL COST
<b>FIELD TRAILER OFFICE EQUIPMENT:</b>				
RADIOS		EA	\$26.00 /WK*UNIT	\$0.00
TELEPHONE:				
-INSTALLATION		L.S.	*	\$0.00
-MONTHLY CHARGE		MO.	*	\$0.00
COMPUTER		WEEK	*	\$0.00
TRAILER:				
-8 x 24 OFFICE TRAILER		MO.	*	\$0.00
-MOBILIZATION/DEMOBILIZATION		L.S.	*	\$0.00
-SET UP/TEAR DOWN		L.S.	*	\$0.00
-CLEANING		L.S.	*	\$0.00
PORT-A-JOHN		WEEK	*	\$0.00
ELECTRICITY:			*	
-MATERIALS (INSTALL SERVICE)		L.S.	*	\$0.00
-ELECTRICIAN		HOURL	*	\$0.00
GENERATOR		DAY	*	\$0.00
COPIER		MO.	*	\$0.00
FACSIMILE		MO.	*	\$0.00
				\$0.00
* UNIT RATES SHOULD BE				\$0.00
DETERMINED ON A SITE SPECIFIC				\$0.00
BASIS - CALL FOR QUOTES				\$0.00
IN YOUR AREA				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ESTIMATOR'S INITIALS: *ATJ*

<b>GRAND TOTAL EQUIPMENT AND SUPPLIES</b>	
CONSULTANT OWNED EQUIPMENT	\$0.00
SITE SAFETY EQUIPMENT	\$0.00
GENERAL CONSUMMABLE SUPPLIES	\$9.75
GC EXPENDABLE SUPPLIES	\$0.00
SAMPLE CONTAINERS	\$0.00
FIELD OFFICE SUPPLIES	\$39.72
GEOPHYSICAL INSTRUMENT RENTAL	\$0.00
GC/SOIL GAS EQUIPMENT RENTAL	\$0.00
FIELD TRAILER OFFICE RENTAL	\$0.00
<b>TOTAL</b>	<b>\$49.47</b>

<b>HEALTH &amp; SAFETY - PERSONAL PROTECTION (COSTS ARE SUMMARIZED IN TABLE 4)</b>	
LEVEL D	\$337.50
LEVEL C	\$225.00
LEVEL B	\$0.00

Site: LOVE CANAL

SCHEDULE 2.11(d) 2  
CONSULTANT OWNED EQUIPMENT

## TASK 5.2: ELECTRICAL INSPECTION

ITEM	QUANTITY	USAGE RATE	TOTAL COST
<b>NSSC EQUIPMENT</b>		(PER DAY)	
ISCO MODEL 2600		\$30.00	\$0.00
GEOTECH INLINE FILTER		\$2.00	\$0.00
WILDCO SEDIMENT CORE SAMPLER		\$23.00	\$0.00
NORWELL TEFLON BAILER		\$7.00	\$0.00
FULTZ SUB. PUMP		\$33.00	\$0.00
KECK SUB. PUMP SP-81		\$46.00	\$0.00
ISCO 1580		\$18.00	\$0.00
ISCO 1680		\$21.00	\$0.00
ISCO NICAD BATERIES		\$3.00	\$0.00
ISCO POWER PACK		\$3.00	\$0.00
SPLIT SPOON SAMPLER		\$25.00	\$0.00
BOMB SAMPLER		\$11.00	\$0.00
TRIPAR ANALYZER		\$16.00	\$0.00
YSI 3500 PH/COND/TEMP METER		\$24.00	\$0.00
HNU 101 PHOTO. METER		\$45.00	\$0.00
PHOTOVAC TIP1		\$35.00	\$0.00
PHOTOVAC 10550		\$112.00	\$0.00
TE PID METER		\$40.00	\$0.00
DRAEGER PUMP		\$6.00	\$0.00
RADIATION METER		\$4.00	\$0.00
O2 DEFICIENCY/L.E.L. METER		\$10.00	\$0.00
GASCOPE MODEL 60		\$12.00	\$0.00
RESPIRATOR		\$4.00	\$0.00
SCBA		\$11.00	\$0.00
SCBA SPORT TANK		\$2.00	\$0.00
AIRLINE		\$40.00	\$0.00
ESCAPE RESPIRATOR		\$4.00	\$0.00
H2O LEVEL METER		\$3.00	\$0.00
BALANCE		\$19.00	\$0.00
VWR OVEN		\$5.00	\$0.00
COLEMAN COOLER		\$1.00	\$0.00
<b>OTHER EQUIPMENT</b>			\$0.00
NMS MX-241(EXPLOSIMETER)		\$10.00	\$0.00
HERMIT DATA LOGGER		\$15.00	\$0.00
TRANSDUCER		\$19.00	\$0.00
STAINLESS STEEL BUCKETS		\$10.00	\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
<b>TOTAL</b>			<b>\$0.00</b>

## HEALTH AND SAFETY - PERSONAL PROTECTION &amp; SITE SAFETY EQUIPMENT

	TOTAL DAYS	LUMP SUM	TOTAL COST
<b>PERSONAL PROTECTION</b>	(\$PER PERSON PER DAY)		
LEVEL D - Daily Rate Includes (2):	8	\$22.50 (1)	\$180.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• COVERALLS</li> </ul>	<ul style="list-style-type: none"> <li>• NITRILE GLOVES</li> <li>• HARD HAT W/SHIELD</li> </ul>		
LEVEL C - Daily Rate Includes (2):		\$45.00 (1)	\$0.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• OUTER BOOTS</li> <li>• TYVEK SUIT</li> <li>• NITRILE GLOVES</li> </ul>	<ul style="list-style-type: none"> <li>• DISPOSABLE GLOVES</li> <li>• RESPIRATOR</li> <li>• CARTRIDGE</li> </ul>		
LEVEL B - Daily Rate Includes (2):		\$70.00 (1)	\$0.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• OUTER BOOTS</li> <li>• COVERALLS</li> <li>• TYVEK SUIT</li> </ul>	<ul style="list-style-type: none"> <li>• NITRILE GLOVES</li> <li>• DISPOSABLE GLOVES</li> <li>• SCBA &amp; SPARE TANK</li> <li>• AIRLINE</li> </ul>		
<b>TOTAL (1)</b>			<b>\$180.00</b>

**NOTES:**

- 1) HEALTH & SAFETY PERSONAL PROTECTION EQUIPMENT COSTS ARE NOT INCLUDED IN TOTAL EQUIPMENT COSTS, SEE SUMMARY TABLE 4.0
- 2) DAILY HEALTH MONITORING COSTS ARE INCLUDED IN OVERHEAD

<b>OTHER H&amp;S EQUIPMENT</b>	(PER EVENT)	
PORTABLE EYE-WASH STATION	\$7.00	\$0.00
FIRE EXTINGUISHER	\$10.00	\$0.00
FIRST AID KIT	\$15.00	\$0.00
EMERGENCY HORN	\$7.00	\$0.00
EMERGENCY LIGHT	\$10.00	\$0.00
STRETCHER	\$10.00	\$0.00
<b>TOTAL</b>		<b>\$0.00</b>

ESTIMATOR'S INITIALS: *AEJ*

Site: LOVE CANAL

SCHEDULE 2.11(d) 5  
CONSUMABLE SUPPLIES

## TASK 5.2: ELECTRICAL INSPECTION

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>GENERAL</b>				
GLOVES, BUTYL		PAIR	\$11.25	\$0.00
TAPE, DUCT		ROLL	\$8.00	\$0.00
TAPE, 2 INCH		ROLL	\$6.00	\$0.00
TAPE, FILAMENT		ROLL	\$8.00	\$0.00
DECONTAMINATION FLUID				
-DEIONIZED WATER		GAL	\$1.00	\$0.00
DECON PACKAGE				
-WASH BRUSHES		EACH	\$5.00	\$0.00
-SPRAYERS		EACH	\$7.00	\$0.00
-WASHTUBS		EACH	\$4.00	\$0.00
KIMWIPES		BOX	\$1.40	\$0.00
BAGGIES		BOX	\$1.60	\$0.00
ICE		BAG	\$1.30	\$0.00
BUBBLE PACK		FOOT	\$0.20	\$0.00
STAINLESS STEEL SPATULAS		EACH	\$1.00	\$0.00
STAINLESS STEEL SPOONS		EACH	\$7.00	\$0.00
SQUIRT BOTTLES		EACH	\$4.00	\$0.00
ALUMINUM FOIL		BOX	\$0.80	\$0.00
LOG BOOK	1	EACH	\$9.75	\$9.75
SAMPLE PRESERVATION KIT		EACH	\$10.00	\$0.00
pH BUFFERS		EACH	\$3.50	\$0.00
CONDUCTIVITY STANDARDS		EACH	\$7.00	\$0.00
ETHYL ALCOHOL				
VERMICULITE		BAG	\$12.00	\$0.00
.45um FILTER PAPERS		PKG	\$87.00	\$0.00
PLASTIC SHEETING		ROLL	\$24.00	\$0.00
TUBING				
-TEFLON		FOOT	\$1.23	\$0.00
-SILICON		FOOT	\$3.22	\$0.00
POWER PACK		EACH	\$3.00	\$0.00
RESPIRATOR CARTRIDGES		PAIR	\$17.00	\$0.00
COMPRESSED AIR BOTTLES		EACH	\$20.00	\$0.00
TOPOGRAPHIC MAPS		EACH	\$5.50	\$0.00
AERIAL PHOTOGRAPHS		EACH	\$15.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$9.75</b>

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>GC EXPENDABLE SUPPLIES:</b>				
SYRINGES		EACH	\$40.00	\$0.00
SYRINGE NEEDLES		PKG	\$11.00	\$0.00
SYRINGE PLUNGER TIP		PKG	\$15.00	\$0.00
GC STANDARDS		EACH	\$15.00	\$0.00
DRAM VIALS		PKG	\$75.00	\$0.00
SEPTUM		EACH	\$1.00	\$0.00
CAP. COL. SLEEVES		EACH	\$20.00	\$0.00
GAS TUBING		50 FT	\$50.00	\$0.00
TUBING FITTINGS		PKG	\$50.00	\$0.00
D.I. WATER		GAL	\$1.00	\$0.00
P/T METHANOL		GAL	\$57.50	\$0.00
H2SO4		GAL	\$50.00	\$0.00
HEXANE		GAL	\$50.00	\$0.00
PIPETTES, DISPOSABLE		EACH	\$0.10	\$0.00
40 ML. VIALS		EACH	\$3.50	\$0.00
COL. FERRULES		EACH	\$15.00	\$0.00
SPARE DET PARTS		PKG	\$90.00	\$0.00
SPARGER VESSEL		EACH	\$35.00	\$0.00
P/T TRAPS		EACH	\$25.00	\$0.00
INK CARTRIDGE		EACH	\$11.00	\$0.00
CHART PAPER		ROLL	\$13.75	\$0.00
KIMWIPES		EACH	\$1.40	\$0.00
LOG BOOK		EACH	\$12.00	\$0.00
LABELS		PKG	\$15.00	\$0.00
ELECTRICAL CON.		PKG	\$25.00	\$0.00
SNOOP		EACH	\$6.00	\$0.00
GC GASES		EACH	\$100.00	\$0.00
GLASSWARE		EACH	\$1.00	\$0.00
PROBE CLEANING		EACH	\$6.00	\$0.00
SILICONE TUBING		L.F.	\$4.50	\$0.00
JACKHAMMER		EACH	\$35.00	\$0.00
JACK		EACH	\$15.00	\$0.00
GAS		GAL	\$1.00	\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>SAMPLE CONTAINERS:</b>				
<b>GLASS:**</b>				
1 L AMBER		EACH	\$5.00	\$0.00
1 L WIDE MOUTH		EACH		\$0.00
2 OZ		EACH		\$0.00
4 OZ		EACH		\$0.00
16 OZ		EACH		\$0.00
2.5 GALLON		EACH		\$0.00
40 ML VIALS		EACH	\$3.50	\$0.00
<b>PLASTIC:</b>				
60 ML		EACH		\$0.00
125 ML		EACH	\$1.25	\$0.00
250 ML		EACH		\$0.00
500 ML		EACH		\$0.00
1 L		EACH	\$3.50	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				\$0.00

\*\*Includes 5% Breakage



Site: LOVE CANAL

SCHEDULE 2.11(d) 3  
VENDOR-RENTED EQUIPMENT

## TASK 5.2: ELECTRICAL INSPECTION

ITEM	USAGE	UNIT	RENTAL RATE	TOTAL RENTAL COST
<b>GEOPHYSICS INSTRUMENT RENTAL:</b>				
EM-31 TERRAIN CONDUCTIVITY UNIT		DAY	\$117.00	\$0.00
SEISMIC - ES-2415		DAY	\$400.00	\$0.00
RESIST - BISON 2350b		DAY	\$70.00	\$0.00
MAGNETOMETER - EDA		DAY	\$200.00	\$0.00
GSSI SIR SYSTEM III GPR		DAY	\$422.00	\$0.00
M.D. - DISHER TW-5		DAY	\$25.00	\$0.00
T.C. - EM34.3		DAY	\$84.00	\$0.00
T.C - EM31		DAY	\$51.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

<b>GC/SOIL GAS EQUIPMENT RENTAL</b>				
HP-5890 CAP.		DAY	\$41.00	\$0.00
HP-5890 PKD		DAY	\$41.00	\$0.00
HP-3396 INT		DAY	\$11.00	\$0.00
TECHKAR P/T		DAY	\$35.00	\$0.00
HP AUTOSAMPLER		DAY	\$35.00	\$0.00
OVEN		DAY	\$4.00	\$0.00
WATER BATH		DAY	\$2.00	\$0.00
REFRIGERATOR		DAY	\$3.00	\$0.00
CAPILLARY COL		DAY	\$10.00	\$0.00
PACKED COLUMN		DAY	\$2.00	\$0.00
GSA REGULATORS		DAY	\$2.00	\$0.00
FUME HOOD		DAY	\$7.00	\$0.00
VORTEX		DAY	\$3.00	\$0.00
CENTRIFUGE		DAY	\$3.00	\$0.00
BALANCE		DAY	\$6.00	\$0.00
WASTE TANK		DAY	\$2.00	\$0.00
GENERATOR		DAY	\$35.00	\$0.00
INTERFACE CABLES		DAY	\$2.50	\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ITEM	USAGE	UNIT	RENTAL RATE	TOTAL RENTAL COST
<b>FIELD TRAILER OFFICE EQUIPMENT:</b>				
RADIOS		EA	\$26.00 /WK*UNIT	\$0.00
TELEPHONE:				
-INSTALLATION		L.S.	*	\$0.00
-MONTHLY CHARGE		MO.	*	\$0.00
COMPUTER		WEEK	*	\$0.00
TRAILER:				
-8 x 24 OFFICE TRAILER		MO.	*	\$0.00
-MOBILIZATION/DEMobilIZATION		L.S.	*	\$0.00
-SET UP/TEAR DOWN		L.S.	*	\$0.00
-CLEANING		L.S.	*	\$0.00
PORT-A-JOHN		WEEK	*	\$0.00
ELECTRICITY:			*	
-MATERIALS (INSTALL SERVICE)		L.S.	*	\$0.00
-ELECTRICIAN		HOUR	*	\$0.00
GENERATOR		DAY	*	\$0.00
COPIER		MO.	*	\$0.00
FACSIMILE		MO.	*	\$0.00
				\$0.00
* UNIT RATES SHOULD BE				\$0.00
DETERMINED ON A SITE SPECIFIC				\$0.00
BASIS - CALL FOR QUOTES				\$0.00
IN YOUR AREA				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ESTIMATOR'S INITIALS: *AGG*

<b>GRAND TOTAL EQUIPMENT AND SUPPLIES</b>	
CONSULTANT OWNED EQUIPMENT	\$0.00
SITE SAFETY EQUIPMENT	\$0.00
GENERAL CONSUMMABLE SUPPLIES	\$9.75
GC EXPENDABLE SUPPLIES	\$0.00
SAMPLE CONTAINERS	\$0.00
FIELD OFFICE SUPPLIES	\$6.78
GEOPHYSICAL INSTRUMENT RENTAL	\$0.00
GC/SOIL GAS EQUIPMENT RENTAL	\$0.00
FIELD TRAILER OFFICE RENTAL	\$0.00
<b>TOTAL</b>	<b>\$16.53</b>

<b>HEALTH &amp; SAFETY - PERSONAL PROTECTION (COSTS ARE SUMMARIZED IN TABLE 4)</b>	
LEVEL D	\$180.00
LEVEL C	\$0.00
LEVEL B	\$0.00

**SCHEDULE 2.11(d) 2  
CONSULTANT OWNED EQUIPMENT**

**TASK 8.2: MONITORING WELL INVENTORY**

ITEM	QUANTITY	USAGE RATE	TOTAL COST
<b>NSSC EQUIPMENT</b>		<b>(PER DAY)</b>	
ISCO MODEL 2600		\$30.00	\$0.00
GEOTECH INLINE FILTER		\$2.00	\$0.00
WILDCO SEDIMENT CORE SAMPLER		\$23.00	\$0.00
NORWELL TEFLON BAILER		\$7.00	\$0.00
FULTZ SUB. PUMP		\$33.00	\$0.00
KECK SUB. PUMP SP-81		\$46.00	\$0.00
ISCO 1580		\$18.00	\$0.00
ISCO 1680		\$21.00	\$0.00
ISCO NICAD BATERIES		\$3.00	\$0.00
ISCO POWER PACK		\$3.00	\$0.00
SPLIT SPOON SAMPLER		\$25.00	\$0.00
BOMB SAMPLER		\$11.00	\$0.00
TRIPAR ANALYZER		\$16.00	\$0.00
YSI 3500 PH/COND/TEMP METER		\$24.00	\$0.00
HNU 101 PHOTO. METER		\$45.00	\$0.00
PHOTOVAC TIP1	30	\$35.00	\$1,050.00
PHOTOVAC 10550		\$112.00	\$0.00
TE PID METER		\$40.00	\$0.00
DRAEGER PUMP		\$6.00	\$0.00
RADIATION METER		\$4.00	\$0.00
O2 DEFICIENCY/L.E.L. METER		\$10.00	\$0.00
GASCOPE MODEL 60		\$12.00	\$0.00
RESPIRATOR		\$4.00	\$0.00
SCBA		\$11.00	\$0.00
SCBA SPORT TANK		\$2.00	\$0.00
AIRLINE		\$40.00	\$0.00
ESCAPE RESPIRATOR		\$4.00	\$0.00
H2O LEVEL METER	45	\$3.00	\$135.00
BALANCE		\$19.00	\$0.00
VWR OVEN		\$5.00	\$0.00
COLEMAN COOLER		\$1.00	\$0.00
<b>OTHER EQUIPMENT</b>			\$0.00
NMS MX-241(EXPLOSIMETER)		\$10.00	\$0.00
HERMIT DATA LOGGER	30	\$15.00	\$450.00
TRANSDUCER	30	\$19.00	\$570.00
STAINLESS STEEL BUCKETS		\$10.00	\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
<b>TOTAL</b>			\$2,205.00

**HEALTH AND SAFETY - PERSONAL PROTECTION & SITE SAFETY EQUIPMENT**

	TOTAL DAYS	LUMP SUM	TOTAL COST
<b>PERSONAL PROTECTION</b>	(\$PER PERSON PER DAY)		
LEVEL D - Daily Rate Includes (2):	36	\$22.50 (1)	\$810.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• COVERALLS</li> </ul>		<ul style="list-style-type: none"> <li>• NITRILE GLOVES</li> <li>• HARD HAT W/SHIELD</li> </ul>	
LEVEL C - Daily Rate Includes (2):		\$45.00 (1)	\$0.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• OUTER BOOTS</li> <li>• TYVEK SUIT</li> <li>• NITRILE GLOVES</li> </ul>		<ul style="list-style-type: none"> <li>• DISPOSABLE GLOVES</li> <li>• RESPIRATOR</li> <li>• CARTRIDGE</li> </ul>	
LEVEL B - Daily Rate Includes (2):	9	\$70.00 (1)	\$630.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• OUTER BOOTS</li> <li>• COVERALLS</li> <li>• TYVEK SUIT</li> </ul>		<ul style="list-style-type: none"> <li>• NITRILE GLOVES</li> <li>• DISPOSABLE GLOVES</li> <li>• SCBA &amp; SPARE TANK</li> <li>• AIRLINE</li> </ul>	
<b>TOTAL (1)</b>			<b>\$1,440.00</b>

**NOTES:**

- 1) HEALTH & SAFETY PERSONAL PROTECTION EQUIPMENT COSTS ARE NOT INCLUDED IN TOTAL EQUIPMENT COSTS, SEE SUMMARY TABLE 4.0
- 2) DAILY HEALTH MONITORING COSTS ARE INCLUDED IN OVERHEAD

<b>OTHER H&amp;S EQUIPMENT</b>	(PER EVENT)		
PORTABLE EYE-WASH STATION	1	\$7.00	\$7.00
FIRE EXTINGUISHER	1	\$10.00	\$10.00
FIRST AID KIT	1	\$15.00	\$15.00
EMERGENCY HORN	1	\$7.00	\$7.00
EMERGENCY LIGHT	1	\$10.00	\$10.00
STRETCHER	1	\$10.00	\$10.00
<b>TOTAL</b>			<b>\$59.00</b>

ESTIMATOR'S INITIALS: *AGJ*

Site: LOVE CANAL

SCHEDULE 2.11(d) 5  
CONSUMABLE SUPPLIES

## TASK 8.2: MONITORING WELL INVENTORY

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>GENERAL</b>				
GLOVES, BUTYL		PAIR	\$11.25	\$0.00
TAPE, DUCT		ROLL	\$8.00	\$0.00
TAPE, 2 INCH		ROLL	\$6.00	\$0.00
TAPE, FILAMENT		ROLL	\$8.00	\$0.00
DECONTAMINATION FLUID				
-DEIONIZED WATER	30	GAL	\$1.00	\$30.00
DECON PACKAGE				
-WASH BRUSHES	3	EACH	\$5.00	\$15.00
-SPRAYERS	3	EACH	\$7.00	\$21.00
-WASHTUBS	3	EACH	\$4.00	\$12.00
KIMWIPES		BOX	\$1.40	\$0.00
BAGGIES		BOX	\$1.60	\$0.00
ICE		BAG	\$1.30	\$0.00
BUBBLE PACK		FOOT	\$0.20	\$0.00
STAINLESS STEEL SPATULAS		EACH	\$1.00	\$0.00
STAINLESS STEEL SPOONS		EACH	\$7.00	\$0.00
SQUIRT BOTTLES		EACH	\$4.00	\$0.00
ALUMINUM FOIL		BOX	\$0.80	\$0.00
LOG BOOK	4	EACH	\$9.75	\$39.00
SAMPLE PRESERVATION KIT		EACH	\$10.00	\$0.00
pH BUFFERS		EACH	\$3.50	\$0.00
CONDUCTIVITY STANDARDS		EACH	\$7.00	\$0.00
ETHYL ALCOHOL				
VERMICULITE		BAG	\$12.00	\$0.00
.45um FILTER PAPERS		PKG	\$87.00	\$0.00
PLASTIC SHEETING	3	ROLL	\$24.00	\$72.00
TUBING				
-TEFLON		FOOT	\$1.23	\$0.00
-SILICON		FOOT	\$3.22	\$0.00
POWER PACK		EACH	\$3.00	\$0.00
RESPIRATOR CARTRIDGES		PAIR	\$17.00	\$0.00
COMPRESSED AIR BOTTLES	9	EACH	\$20.00	\$180.00
TOPOGRAPHIC MAPS		EACH	\$5.50	\$0.00
AERIAL PHOTOGRAPHS		EACH	\$15.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$369.00</b>

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>GC EXPENDABLE SUPPLIES:</b>				
SYRINGES		EACH	\$40.00	\$0.00
SYRINGE NEEDLES		PKG	\$11.00	\$0.00
SYRINGE PLUNGER TIP		PKG	\$15.00	\$0.00
GC STANDARDS		EACH	\$15.00	\$0.00
DRAM VIALS		PKG	\$75.00	\$0.00
SEPTUM		EACH	\$1.00	\$0.00
CAP. COL. SLEEVES		EACH	\$20.00	\$0.00
GAS TUBING		50 FT	\$50.00	\$0.00
TUBING FITTINGS		PKG	\$50.00	\$0.00
D.I. WATER		GAL	\$1.00	\$0.00
P/T METHANOL		GAL	\$57.50	\$0.00
H2SO4		GAL	\$50.00	\$0.00
HEXANE		GAL	\$50.00	\$0.00
PIPETTES, DISPOSABLE		EACH	\$0.10	\$0.00
40 ML. VIALS		EACH	\$3.50	\$0.00
COL. FERRULES		EACH	\$15.00	\$0.00
SPARE DET PARTS		PKG	\$90.00	\$0.00
SPARGER VESSEL		EACH	\$35.00	\$0.00
P/T TRAPS		EACH	\$25.00	\$0.00
INK CARTRIDGE		EACH	\$11.00	\$0.00
CHART PAPER		ROLL	\$13.75	\$0.00
KIMWIPES		EACH	\$1.40	\$0.00
LOG BOOK		EACH	\$12.00	\$0.00
LABELS		PKG	\$15.00	\$0.00
ELECTRICAL CON.		PKG	\$25.00	\$0.00
SNOOP		EACH	\$6.00	\$0.00
GC GASES		EACH	\$100.00	\$0.00
GLASSWARE		EACH	\$1.00	\$0.00
PROBE CLEANING		EACH	\$6.00	\$0.00
SILICONE TUBING		L.F.	\$4.50	\$0.00
JACKHAMMER		EACH	\$35.00	\$0.00
JACK		EACH	\$15.00	\$0.00
GAS		GAL	\$1.00	\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>SAMPLE CONTAINERS:</b>				
<b>GLASS:**</b>				
1 L AMBER		EACH	\$5.00	\$0.00
1 L WIDE MOUTH		EACH		\$0.00
2 OZ		EACH		\$0.00
4 OZ		EACH		\$0.00
16 OZ		EACH		\$0.00
2.5 GALLON		EACH		\$0.00
40 ML VIALS		EACH	\$3.50	\$0.00
<b>PLASTIC:</b>				
60 ML		EACH		\$0.00
125 ML		EACH	\$1.25	\$0.00
250 ML		EACH		\$0.00
500 ML		EACH		\$0.00
1 L		EACH	\$3.50	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

\*\*Includes 5% Breakage



Site: LOVE CANAL.

SCHEDULE 2.11(d) 3  
VENDOR-RENTED EQUIPMENT

## TASK 8.2: MONITORING WELL INVENTORY

ITEM	USAGE	UNIT	RENTAL RATE	TOTAL RENTAL COST
<b>GEOPHYSICS INSTRUMENT RENTAL:</b>				
EM-31 TERRAIN CONDUCTIVITY UNIT		DAY	\$117.00	\$0.00
SEISMIC - ES-2415		DAY	\$400.00	\$0.00
RESIST - BISON 2350b		DAY	\$70.00	\$0.00
MAGNETOMETER - EDA		DAY	\$200.00	\$0.00
GSSI SIR SYSTEM III GPR		DAY	\$422.00	\$0.00
M.D. - DISHER TW-5		DAY	\$25.00	\$0.00
T.C. - EM34.3		DAY	\$84.00	\$0.00
T.C - EM31		DAY	\$51.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

<b>GC/SOIL GAS EQUIPMENT RENTAL</b>				
HP-5890 CAP.		DAY	\$41.00	\$0.00
HP-5890 PKD		DAY	\$41.00	\$0.00
HP-3396 INT		DAY	\$11.00	\$0.00
TECHKAR P/T		DAY	\$35.00	\$0.00
HP AUTOSAMPLER		DAY	\$35.00	\$0.00
OVEN		DAY	\$4.00	\$0.00
WATER BATH		DAY	\$2.00	\$0.00
REFRIGERATOR		DAY	\$3.00	\$0.00
CAPILLARY COL		DAY	\$10.00	\$0.00
PACKED COLUMN		DAY	\$2.00	\$0.00
GSA REGULATORS		DAY	\$2.00	\$0.00
FUME HOOD		DAY	\$7.00	\$0.00
VORTEX		DAY	\$3.00	\$0.00
CENTRIFUGE		DAY	\$3.00	\$0.00
BALANCE		DAY	\$6.00	\$0.00
WASTE TANK		DAY	\$2.00	\$0.00
GENERATOR		DAY	\$35.00	\$0.00
INTERFACE CABLES		DAY	\$2.50	\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ITEM	USAGE	UNIT	RENTAL RATE	TOTAL RENTAL COST
<b>FIELD TRAILER OFFICE EQUIPMENT:</b>				
RADIOS	9	EA	\$26.00 /WK*UNIT	\$234.00
<b>TELEPHONE:</b>				
-INSTALLATION		L.S.	*	\$0.00
-MONTHLY CHARGE		MO.	*	\$0.00
COMPUTER	3	WEEK	\$150.00 /WEEK	\$450.00
<b>TRAILER:</b>				
-8 x 24 OFFICE TRAILER		MO.	*	\$0.00
-MOBILIZATION/DEMobilIZATION		L.S.	*	\$0.00
-SET UP/TEAR DOWN		L.S.	*	\$0.00
-CLEANING		L.S.	*	\$0.00
PORT-A-JOHN		WEEK	*	\$0.00
<b>ELECTRICITY:</b>				
-MATERIALS (INSTALL SERVICE)		L.S.	*	\$0.00
-ELECTRICIAN		HOUR	*	\$0.00
GENERATOR		DAY	*	\$0.00
COPIER		MO.	*	\$0.00
FACSIMILE		MO.	*	\$0.00
				\$0.00
* UNIT RATES SHOULD BE				\$0.00
DETERMINED ON A SITE SPECIFIC				\$0.00
BASIS - CALL FOR QUOTES				\$0.00
IN YOUR AREA				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$684.00</b>

ESTIMATOR'S INITIALS: *AGJ*

<b>GRAND TOTAL EQUIPMENT AND SUPPLIES</b>	
CONSULTANT OWNED EQUIPMENT	\$2,205.00
SITE SAFETY EQUIPMENT	\$59.00
GENERAL CONSUMMABLE SUPPLIES	\$369.00
GC EXPENDABLE SUPPLIES	\$0.00
SAMPLE CONTAINERS	\$0.00
FIELD OFFICE SUPPLIES	\$232.67
GEOPHYSICAL INSTRUMENT RENTAL	\$0.00
GC/SOIL GAS EQUIPMENT RENTAL	\$0.00
FIELD TRAILER OFFICE RENTAL	\$684.00
<b>TOTAL</b>	<b>\$3,549.67</b>

<b>HEALTH &amp; SAFETY - PERSONAL PROTECTION</b> (COSTS ARE SUMMARIZED IN TABLE 4)	
LEVEL D	\$810.00
LEVEL C	\$0.00
LEVEL B	\$630.00

Site: LOVE CANAL

SCHEDULE 2.11(d) 2  
CONSULTANT OWNED EQUIPMENT

## TASK 9.4: INSPECT LEACHATE COLLECTION SYSTEM

ITEM	QUANTITY	USAGE RATE	TOTAL COST
<b>NSSC EQUIPMENT</b>		(PER DAY)	
ISCO MODEL 2600		\$30.00	\$0.00
GEOTECH INLINE FILTER		\$2.00	\$0.00
WILDCO SEDIMENT CORE SAMPLER		\$23.00	\$0.00
NORWELL TEFLON BAILER		\$7.00	\$0.00
FULTZ SUB. PUMP		\$33.00	\$0.00
KECK SUB. PUMP SP-81		\$46.00	\$0.00
ISCO 1580		\$18.00	\$0.00
ISCO 1680		\$21.00	\$0.00
ISCO NICAD BATERIES		\$3.00	\$0.00
ISCO POWER PACK		\$3.00	\$0.00
SPLIT SPOON SAMPLER		\$25.00	\$0.00
BOMB SAMPLER		\$11.00	\$0.00
TRIPAR ANALYZER		\$16.00	\$0.00
YSI 3500 PH/COND/TEMP METER		\$24.00	\$0.00
HNU 101 PHOTO. METER		\$45.00	\$0.00
PHOTOVAC TIP1	20	\$35.00	\$700.00
PHOTOVAC 10550		\$112.00	\$0.00
TE PID METER		\$40.00	\$0.00
DRAEGER PUMP		\$6.00	\$0.00
RADIATION METER		\$4.00	\$0.00
O2 DEFICIENCY/L.E.L. METER		\$10.00	\$0.00
GASCOPE MODEL 60		\$12.00	\$0.00
RESPIRATOR		\$4.00	\$0.00
SCBA		\$11.00	\$0.00
SCBA SPORT TANK		\$2.00	\$0.00
AIRLINE		\$40.00	\$0.00
ESCAPE RESPIRATOR		\$4.00	\$0.00
H2O LEVEL METER		\$3.00	\$0.00
BALANCE		\$19.00	\$0.00
VWR OVEN		\$5.00	\$0.00
COLEMAN COOLER		\$1.00	\$0.00
<b>OTHER EQUIPMENT</b>			<b>\$0.00</b>
NMS MX-241(EXPLOSIMETER)		\$10.00	\$0.00
HERMIT DATA LOGGER		\$15.00	\$0.00
TRANSDUCER		\$19.00	\$0.00
STAINLESS STEEL BUCKETS		\$10.00	\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
<b>TOTAL</b>			<b>\$700.00</b>

HEALTH AND SAFETY - PERSONAL PROTECTION & SITE SAFETY EQUIPMENT

	TOTAL DAYS	LUMP SUM	TOTAL COST
<b>PERSONAL PROTECTION</b>	(\$PER PERSON PER DAY)		
LEVEL D - Daily Rate Includes (2):	20	\$22.50 (1)	\$450.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• COVERALLS</li> </ul>		<ul style="list-style-type: none"> <li>• NITRILE GLOVES</li> <li>• HARD HAT W/SHIELD</li> </ul>	
LEVEL C - Daily Rate Includes (2):		\$45.00 (1)	\$0.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• OUTER BOOTS</li> <li>• TYVEK SUIT</li> <li>• NITRILE GLOVES</li> </ul>		<ul style="list-style-type: none"> <li>• DISPOSABLE GLOVES</li> <li>• RESPIRATOR</li> <li>• CARTRIDGE</li> </ul>	
LEVEL B - Daily Rate Includes (2):		\$70.00 (1)	\$0.00
<ul style="list-style-type: none"> <li>• STEEL TOE BOOTS</li> <li>• OUTER BOOTS</li> <li>• COVERALLS</li> <li>• TYVEK SUIT</li> </ul>		<ul style="list-style-type: none"> <li>• NITRILE GLOVES</li> <li>• DISPOSABLE GLOVES</li> <li>• SCBA &amp; SPARE TANK</li> <li>• AIRLINE</li> </ul>	
<b>TOTAL (1)</b>			<b>\$450.00</b>

NOTES:

- 1) HEALTH & SAFETY PERSONAL PROTECTION EQUIPMENT COSTS ARE NOT INCLUDED IN TOTAL EQUIPMENT COSTS, SEE SUMMARY TABLE 4.0
- 2) DAILY HEALTH MONITORING COSTS ARE INCLUDED IN OVERHEAD

<b>OTHER H&amp;S EQUIPMENT</b>	(PER EVENT)	
PORTABLE EYE-WASH STATION	\$7.00	\$0.00
FIRE EXTINGUISHER	\$10.00	\$0.00
FIRST AID KIT	\$15.00	\$0.00
EMERGENCY HORN	\$7.00	\$0.00
EMERGENCY LIGHT	\$10.00	\$0.00
STRETCHER	\$10.00	\$0.00
<b>TOTAL</b>		<b>\$0.00</b>

ESTIMATOR'S INITIALS: *ggg*

Site: LOVE CANAL

SCHEDULE 2.11(d) 5  
CONSUMABLE SUPPLIES

## TASK 9.4: INSPECT LEACHATE COLLECTION SYSTEM

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>GENERAL</b>				
GLOVES, BUTYL		PAIR	\$11.25	\$0.00
TAPE, DUCT		ROLL	\$8.00	\$0.00
TAPE, 2 INCH		ROLL	\$6.00	\$0.00
TAPE, FILAMENT		ROLL	\$8.00	\$0.00
DECONTAMINATION FLUID				
-DEIONIZED WATER		GAL	\$1.00	\$0.00
DECON PACKAGE				
-WASH BRUSHES		EACH	\$5.00	\$0.00
-SPRAYERS		EACH	\$7.00	\$0.00
-WASHTUBS		EACH	\$4.00	\$0.00
KIMWIPES		BOX	\$1.40	\$0.00
BAGGIES		BOX	\$1.60	\$0.00
ICE		BAG	\$1.30	\$0.00
BUBBLE PACK		FOOT	\$0.20	\$0.00
STAINLESS STEEL SPATULAS		EACH	\$1.00	\$0.00
STAINLESS STEEL SPOONS		EACH	\$7.00	\$0.00
SQUIRT BOTTLES		EACH	\$4.00	\$0.00
ALUMINUM FOIL		BOX	\$0.80	\$0.00
LOG BOOK	1	EACH	\$9.75	\$9.75
SAMPLE PRESERVATION KIT		EACH	\$10.00	\$0.00
pH BUFFERS		EACH	\$3.50	\$0.00
CONDUCTIVITY STANDARDS		EACH	\$7.00	\$0.00
ETHYL ALCOHOL				
VERMICULITE		BAG	\$12.00	\$0.00
.45um FILTER PAPERS		PKG	\$87.00	\$0.00
PLASTIC SHEETING		ROLL	\$24.00	\$0.00
TUBING				
-TEFLON		FOOT	\$1.23	\$0.00
-SILICON		FOOT	\$3.22	\$0.00
POWER PACK		EACH	\$3.00	\$0.00
RESPIRATOR CARTRIDGES		PAIR	\$17.00	\$0.00
COMPRESSED AIR BOTTLES		EACH	\$20.00	\$0.00
TOPOGRAPHIC MAPS		EACH	\$5.50	\$0.00
AERIAL PHOTOGRAPHS		EACH	\$15.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$9.75</b>

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>GC EXPENDABLE SUPPLIES:</b>				
SYRINGES		EACH	\$40.00	\$0.00
SYRINGE NEEDLES		PKG	\$11.00	\$0.00
SYRINGE PLUNGER TIP		PKG	\$15.00	\$0.00
GC STANDARDS		EACH	\$15.00	\$0.00
DRAM VIALS		PKG	\$75.00	\$0.00
SEPTUM		EACH	\$1.00	\$0.00
CAP. COL. SLEEVES		EACH	\$20.00	\$0.00
GAS TUBING		50 FT	\$50.00	\$0.00
TUBING FITTINGS		PKG	\$50.00	\$0.00
D.I. WATER		GAL	\$1.00	\$0.00
P/T METHANOL		GAL	\$57.50	\$0.00
H2SO4		GAL	\$50.00	\$0.00
HEXANE		GAL	\$50.00	\$0.00
PIPETTES, DISPOSABLE		EACH	\$0.10	\$0.00
40 ML. VIALS		EACH	\$3.50	\$0.00
COL. FERRULES		EACH	\$15.00	\$0.00
SPARE DET PARTS		PKG	\$90.00	\$0.00
SPARGER VESSEL		EACH	\$35.00	\$0.00
P/T TRAPS		EACH	\$25.00	\$0.00
INK CARTRIDGE		EACH	\$11.00	\$0.00
CHART PAPER		ROLL	\$13.75	\$0.00
KIMWIPES		EACH	\$1.40	\$0.00
LOG BOOK		EACH	\$12.00	\$0.00
LABELS		PKG	\$15.00	\$0.00
ELECTRICAL CON.		PKG	\$25.00	\$0.00
SNOOP		EACH	\$6.00	\$0.00
GC GASES		EACH	\$100.00	\$0.00
GLASSWARE		EACH	\$1.00	\$0.00
PROBE CLEANING		EACH	\$6.00	\$0.00
SILICONE TUBING		L.F.	\$4.50	\$0.00
JACKHAMMER		EACH	\$35.00	\$0.00
JACK		EACH	\$15.00	\$0.00
GAS		GAL	\$1.00	\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>SAMPLE CONTAINERS:</b>				
<b>GLASS:**</b>				
1 L AMBER		EACH	\$5.00	\$0.00
1 L WIDE MOUTH		EACH		\$0.00
2 OZ		EACH		\$0.00
4 OZ		EACH		\$0.00
16 OZ		EACH		\$0.00
2.5 GALLON		EACH		\$0.00
40 ML VIALS		EACH	\$3.50	\$0.00
<b>PLASTIC:</b>				
60 ML		EACH		\$0.00
125 ML		EACH	\$1.25	\$0.00
250 ML		EACH		\$0.00
500 ML		EACH		\$0.00
1 L		EACH	\$3.50	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

\*\*Includes 5% Breakage



Site: LOVE CANAL

SCHEDULE 2.11(d) 3  
VENDOR-RENTED EQUIPMENT

## TASK 9.4: INSPECT LEACHATE COLLECTION SYSTEM

ITEM	USAGE	UNIT	RENTAL RATE	TOTAL RENTAL COST
<b>GEOPHYSICS INSTRUMENT RENTAL:</b>				
EM-31 TERRAIN CONDUCTIVITY UNIT		DAY	\$117.00	\$0.00
SEISMIC - ES-2415		DAY	\$400.00	\$0.00
RESIST - BISON 2350b		DAY	\$70.00	\$0.00
MAGNETOMETER - EDA		DAY	\$200.00	\$0.00
GSSI SIR SYSTEM III GPR		DAY	\$422.00	\$0.00
M.D. - DISHER TW-5		DAY	\$25.00	\$0.00
T.C. - EM34.3		DAY	\$84.00	\$0.00
T.C - EM31		DAY	\$51.00	\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

<b>GC/SOIL GAS EQUIPMENT RENTAL</b>				
HP-5890 CAP.		DAY	\$41.00	\$0.00
HP-5890 PKD		DAY	\$41.00	\$0.00
HP-3396 INT		DAY	\$11.00	\$0.00
TECHKAR P/T		DAY	\$35.00	\$0.00
HP AUTOSAMPLER		DAY	\$35.00	\$0.00
OVEN		DAY	\$4.00	\$0.00
WATER BATH		DAY	\$2.00	\$0.00
REFRIGERATOR		DAY	\$3.00	\$0.00
CAPILLARY COL		DAY	\$10.00	\$0.00
PACKED COLUMN		DAY	\$2.00	\$0.00
GSA REGULATORS		DAY	\$2.00	\$0.00
FUME HOOD		DAY	\$7.00	\$0.00
VORTEX		DAY	\$3.00	\$0.00
CENTRIFUGE		DAY	\$3.00	\$0.00
BALANCE		DAY	\$6.00	\$0.00
WASTE TANK		DAY	\$2.00	\$0.00
GENERATOR		DAY	\$35.00	\$0.00
INTERFACE CABLES		DAY	\$2.50	\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ITEM	USAGE	UNIT	RENTAL RATE	TOTAL RENTAL COST
<b>FIELD TRAILER OFFICE EQUIPMENT:</b>				
RADIOS		EA	\$26.00 /WK*UNIT	\$0.00
TELEPHONE:				
-INSTALLATION		L.S.	*	\$0.00
-MONTHLY CHARGE		MO.	*	\$0.00
COMPUTER		WEEK	*	\$0.00
TRAILER:				
-8 x 24 OFFICE TRAILER		MO.	*	\$0.00
-MOBILIZATION/DEMOBILIZATION		L.S.	*	\$0.00
-SET UP/TEAR DOWN		L.S.	*	\$0.00
-CLEANING		L.S.	*	\$0.00
PORT-A-JOHN		WEEK	*	\$0.00
ELECTRICITY:			*	
-MATERIALS (INSTALL SERVICE)		L.S.	*	\$0.00
-ELECTRICIAN		HOURL	*	\$0.00
GENERATOR		DAY	*	\$0.00
COPIER		MO.	*	\$0.00
FACSIMILE		MO.	*	\$0.00
				\$0.00
* UNIT RATES SHOULD BE				\$0.00
DETERMINED ON A SITE SPECIFIC				\$0.00
BASIS - CALL FOR QUOTES				\$0.00
IN YOUR AREA				\$0.00
				\$0.00
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

ESTIMATOR'S INITIALS: *ggg*

<b>GRAND TOTAL EQUIPMENT AND SUPPLIES</b>	
CONSULTANT OWNED EQUIPMENT	\$700.00
SITE SAFETY EQUIPMENT	\$0.00
GENERAL CONSUMMABLE SUPPLIES	\$9.75
GC EXPENDABLE SUPPLIES	\$0.00
SAMPLE CONTAINERS	\$0.00
FIELD OFFICE SUPPLIES	\$7.67
GEOPHYSICAL INSTRUMENT RENTAL	\$0.00
GC/SOIL GAS EQUIPMENT RENTAL	\$0.00
FIELD TRAILER OFFICE RENTAL	\$0.00
<b>TOTAL</b>	<b>\$717.42</b>

<b>HEALTH &amp; SAFETY - PERSONAL PROTECTION (COSTS ARE SUMMARIZED IN TABLE 4)</b>	
LEVEL D	\$450.00
LEVEL C	\$0.00
LEVEL B	\$0.00

05/16/90

TABLE 5.0  
SCHEDULE 2.11(f)  
UNIT PRICE SUBCONTRACTS  
LOVE CANAL LEACHATE TREATMENT FACILITY  
WORK ASSIGNMENT NUMBER D002472-5

TASK: 6.5, Aerial Photography  
SUBCONTRACTOR: Modi Associates  
SERVICE TO BE PERFORMED: Aerial Photography, Base Map Preparation

SERVICE TO BE PERFORMED	UNIT PRICE	NO. OF UNITS	TOTAL PRICE
1. Perform aerial photography and provide two (2) 9" by 9" prints and associated negatives.	\$1,000	1	\$1,000
2. Provide ground control for aerial photography.	\$6,920	1	\$6,920
3. Provide two (2) mylar base maps of the EDA at a scale of 1"=100', and associated digitized computer files.	\$4,300	1	\$4,300
4. Provide two (2) mylar topographic maps of the Love Canal Site at a scale of 1"=50' with a 2' contour interval, and associated digitized computer files.	\$4,550	1	\$4,550
5. Provide two (2) sets of 18" by 18" color prints and associated negatives of specified areas.	\$250	1	\$250
<b>TOTAL SUBCONTRACTOR COSTS</b>			<b>\$17,020</b>

RECEIVED

JUN 11 1990

N.S. DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 9