bcc: w/enc. [redacted]
S. Gupta
P. Pergadia
J. Printup - BMWBC
R. Burger
J. Rankin
C. Wabnick (3)
w/o enc. [redacted]
D. Weigel
M. O'Toole
J. McKeon
S. King
A. Rockmore
Dayfile

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-7010

JUL 13 1995

Mr. Joseph Slack, P.E.
Dunn Geoscience Engrg. Co., P.C.
12 Metro Park Road
Albany, NY 12205

Dear Mr. Slack:

RE: State Superfund Standby Contract
Work Assignment #D002520-33
Mohonk Road Industrial Park, Site
clf

Enclosed is a copy of the State Superfund Work Assignment (W.A.) No: D002520-33 for the above-referenced contract. Please acknowledge receipt by returning a signed copy of this letter to me within one week of receipt.

This work assignment has been identified by an alpha-numeric designation denoting the Dunn Geoscience contract number and the sequential number of this W.A. Although this letter authorizes the expenditure of Work Plan Development Cost funds, these funds will not be available for payment until the Office of the State Comptroller (OSC) approves (generally takes four weeks) the work assignment.

Project Name: Mohonk Road Industrial Site
Site #3-56-023
Operable Unit # N/A
Program Element: 6, IRM

W.A. No: D002520-33
NYSDEC Project Manager: Mr. Tom Vickerson
Phone: (518)457-9280

Work Plan Development Cost Authorization (Task 1):	$2,000
Estimated Work Assignment Budget for (Tasks 2-7):	$347,670
Total Estimated Work Assignment Budget (All Tasks):	$349,670

Also enclosed is a copy of the work plan development schedule and all efforts should be made to adhere to it. Failure to do so may result in termination of this work assignment and will affect your firm's receipt of future work assignments.

A work plan submitted to the Department should include the following items:

1) **Description of major tasks and subtasks;**

2) **Detailed work assignment progress schedule with milestones;**

3) **Identification of areas of work requiring subcontracting;**

4) **A detailed work assignment budget** broken down by tasks and subtasks(using 2.11 schedules in the contract) in accordance with the contract's budget reporting requirements, utilizing cost rates and factors contained in the base contract (See Article 4 of contract), applied to the approved level-of-efforts.

Schedule 2.11(b) must include all labor hours inclusive of administrative labor hours which should be presented separately in Schedule 2.11(b-1);

5) **A staffing plan** identifying management and technical staff, their responsibilities and copies of resumes (only if these have not been submitted previously); and

6) **A final M/WBE Utilization Plan** identifying subcontracts most likely to result in M/WBE utilization to be submitted to this office within two weeks.

If you have any questions concerning contractual procedures, please contact me or Mr. Swapan Gupta, P.E., Contract Manager, at (518)457-9279. If you have any questions concerning technical issues associated with the work, please contact the NYSDEC Project Manager. Please submit seven (7) copies of the Work Plan and all responses on this work assignment to me.

Sincerely,

Raymond E. Lupe, P.E.
Chief, Contract Development Section
Bureau of Program Management
Div. of Hazardous Waste Remediation

Enc.

Received: Date: _____

Signature of Consultant: _____

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-7010

bcc: w/ enclosure
T. Vickerson
R. Shearer
R. Pergadia, Reg. 3
C. Wabnick (2)
S. King
bcc: w/o enclosure
M. Zagata
M. O'Toole (2)
J. McKeon
A. Rockmore
J. Printup
D. Norvik
D. Weigel
Dayfile
mkz
rs1\dunntp33.0

OCT 19 1995

Mr. Joseph Slack, P.E.
Manager, Government Programs
Dunn Geoscience Engineering Company, P.C.
12 Metro Park Road
Albany, New York 12205

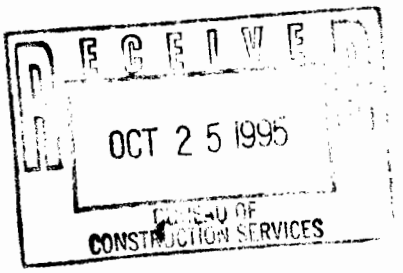
Re: State Superfund Standby Contract
Work Plan Approval
Work Assignment #D002520-33.0
Mohonk Road Industrial, Site #3-56-023

Dear Mr. Slack:

This is to acknowledge receipt of the work plan dated August 30, 1995 for the above-referenced project. The subject work plan is for construction and construction management at the Mohonk Road Industrial site. The Department hereby approves the work plan and authorizes Dunn Geoscience Engineering Company to proceed with the project.

The following constitutes the budget for this work assignment:

Prior approved work plan budget	$349,670
Approved increase in budget for this work plan	($ 13,478)
Total approved work plan budget	$336,192
Unapproved budget items	
Subcontracts	$ 0
Other Items	$ 0
Total work assignment budget	$336,192



You are authorized to expend only approved budget funds. These funds will not be available for payment until the Office of the State Comptroller (OSC) approves the work plan. This process generally takes approximately four weeks. Unapproved budget items must be included in a revised work plan budget and receive written Department approval before expenditure.

Dunn Geoscience Engineering Company is hereby given notice to proceed with the work described in this work assignment. All work described shall be completed according to the schedule in the approved work plan.

If you have any questions or comments, please contact Tom Vickerson, Project Manager, at (518) 457-9280.

Sincerely,

Michael J. O'Toole, Jr.
Director
Division of Hazardous Waste Remediation

15 (12-75)

New York State Department of Environmental Conservation

MEMORANDUM

TO: Michael J. O'Toole, Jr., Director, Division of Hazardous Waste Remediation
FROM: Thomas J. Vickerson, Chief, Construction Inspector, Field Support Unit
SUBJECT: THRU: Alan Rockmore, Director, Bureau of Construction Services
Justification memo for Work Assignment #D002520 - to Rust Environment & Infrastructure for the continued O&M of GAC water treatment systems at Site Code #3-56-023, Mohonk Road Industrial Park, Hamlet of High Falls, Marbletown (T) Ulster County.

DATE: JUN 19 1995

IRWA #D002520-26 was issued to Rust Environment and Infrastructure (Rust) on June 3, 1994 for the purchase, installation and one year maintenance of point-of-entry GAC water treatment systems on twenty-six (26) private residential and commercial wells in the Hamlet of High Falls. 1,1,1-trichloroethane contamination is believed to be coming from the former Gelles Manufacturing facility now listed as Site Code #3-56-023 and named Mohonk Road Industrial Park.

To date the Ulster County Health Department (UCHD) and NYSDOH have detected 1,1,1-TCA contamination, above NYS Part 5 drinking water standards in a total of sixty-two (62) private wells which now have GAC systems. Testing indicates the plume is still moving and that the ongoing monitoring by UCHD and NYSDOH will reveal additional well contamination requiring treatment.

The site is presently being investigated by DEE. These systems will therefore be required for the foreseeable future.

This work assignment is to continue the ongoing O&M of the existing 62 GAC systems, installed under WA #D002520-26 and Amendment #1 thereto, and to provide for the installation and O&M of additional systems where needed.

I recommend you approve this new work assignment.

REG. REhyne DATE 6/20/95

IV. DIR [illegible] DATE 6/21/95

New York State Department of Environmental Conservation

MEMORANDUM

TO: Michael J. O'Toole, Jr., Director, Division of Hazardous Waste Remediation

FROM: Thomas J. Vickerson, Chief, Field Support Unit

SUBJECT: THRU: Alan Rockmore, Director, Bureau of Construction Services

DATE: Conceptual Approval Memo, Mohonk Road Industrial Park, Site Code #3-56-023, for the continued O&M of GAC whole-house water treatment systems previously installed under WA #D002520-26.1.

JUN 19 1995

TYPE OF CONTRACT:

State Superfund Standby Contract

FUND NAME AND COST CENTER:

Fund: 1986 EQBA
Cost Center: to be assigned

CONTRACT AMOUNT AND CONTRACT PERIOD:

Contract Amount: $350,000 (Estimated)
Contract Period: through September 30, 1996

GENERAL DISCUSSION AND JUSTIFICATION:

IRWA #D002520-26 was issued to Rust Environment and Infrastructure (Rust) on June 3, 1994 for the purchase, installation and one year maintenance of point-of-entry GAC water treatment systems on twenty-six (26) private residential and commercial wells in the Hamlet of High Falls. 1,1,1-trichloroethane contamination is believed to be coming from the former Gelles Manufacturing facility now listed as Site Code #3-56-023 and named Mohonk Road Industrial Park.

To date the Ulster County Health Department (UCHD) and NYSDOH have detected 1,1,1-TCA contamination, above NYS Part 5 drinking water standards in a total of sixty-two (62) private wells which now have GAC systems. Testing indicates the plume is still moving and that the ongoing monitoring by UCHD and NYSDOH will reveal additional well contamination requiring treatment.

The site is presently being investigated by DEE. These systems will therefore be required for the foreseeable future.

This work assignment is to continue the ongoing O&M of the existing 62 GAC systems, installed under WA #D002520-26 and Amendment #1 thereto, and to provide for the installation and O&M of additional systems where needed.

AFFIRMATIVE ACTION ISSUES:

MBE	15%
WBE	5%
EEO	10%

DEC ORGANIZATIONAL UNITS AND/OR STATE AGENCIES INVOLVED:

New York State Department of Health
Division of Hazardous Waste Remediation
Ulster County Health Department

DEC ATTORNEY AND POTENTIAL LEGAL ISSUES:

Contract Attorney	-	Meta Murray
Program Attorney	-	Robert Davies

New York State Department of Environmental Conservation

MEMORANDUM

TO: Michael J. O'Toole, Jr., Director, Division of Hazardous Waste Remediation
FROM: Thomas J. Vickerson, Chief Construction Inspector, Field Support Unit
SUBJECT: THRU: Alan Rockmore, Director, Bureau of Construction Services
Justification Memo, Work Assignment #D002520-33 to Rust Environment &
DATE: Infrastructure for the continued O&M of GAC systems at the Mohonk Road Industrial Park Site Code #3-56-023

AUG 18 1995

Under IRWA D002520-26, and Amendment #1 thereto, Rust has installed and is maintaining sixty-two (62) GAC whole house water treatment systems at Mohonk Road in the Hamlet of High Falls, Ulster County.

WA D002520-33 provides for the continued O&M of the existing systems, installation of additional systems if needed, and installation of water softeners or green sand filters to remove minerals which have an adverse effect on proper GAC operation. Softeners or green sand will be authorized only where necessary to correct obvious problems.

This WA will terminate on September 30, 1996, six months before the expiration of the Rust standby contract.

Conceptual approval was given on 6/21/95 with an estimated cost of $350,000. The budget submitted for this WA is $336,191.80.

I recommend you approve Work Assignment #D002520-33.

TJV/ts
bcc: A. Rockmore
T. Vickerson
Dayfile

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-7010

Michael Zagata
Commissioner

Mr. Joseph L. Slack, P.E.
Government Program Manager
Dunn Geoscience Engineering Co., P.C.
12 Metro Park Road
Albany, New York 12205

AUG 24 1995

Re: Work Assignment #D002520-33
Mohonk Road Industrial Site

Dear Mr. Slack:

We have reviewed the work plan for the work assignment reference above and have the following comments:

1. Several of the costs for this work assignment have been based on costs found in the Gelles amendment (#26.1). There are some additional items which have not previously been justified and/or the rates have changed.

   - Why have the costs for the FRP Tank 12 & 14" and filter housing increased from $137 to $160 and $22.17 to $26.00 per unit?

   - How were the costs for the water softeners and greensand filters and 40 lb bags of salt determined reasonable?

   - Phoenix cost for VOC analysis by Method 601 has decreased from $52/sample to $44/sample. Is this an error?

   - Kelley was the electrical subcontractor @ $28.50/hr. Why is Defria the named subcontractor?

   - Borne's plumbing rate was $35/hour. Why has the rate increased to $40/hour?

2. The 2.11 schedules show the Gelles site name and work assignment number instead of Mohonk WA #33.

3. Regarding the point of entry water treatment system. The analysis method stated, EPA 601, will monitor the system cost effectively. However, the work plan must state that:

   - 2.2.5, Task 5 - The laboratory will maintain NYSDOH ELAP certification for non-potable water purgeable halocarbons throughout this project. It is Dunn Engineering Company's responsibility to monitor this.

- 2.2.5, Task 5 - The practical quantitation limit for the laboratory for EPA Method 601 for each analyte must be 1 ppb or less, since this is the action level for replacing the GAC media.

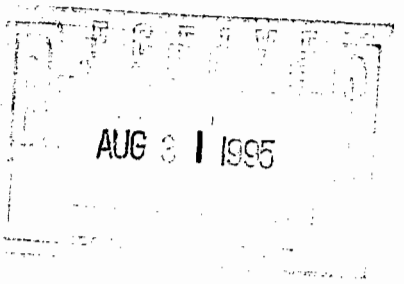
If you have any questions, you may contact me or Rick Shearer at (518) 457-9279.

Sincerely,

Raymond E. Lupe, P.E.
Chief, Contract Development Section
Bureau of Program Management
Division of Hazardous Waste Remediation

cc: R. Shearer
T. Vickerson
S. King
C. McGrath
J. Printup

DUNN ENGINEERING COMPANY
Environmental, Civil and Geotechnical Engineers
12 Metro Park Road
Albany, NY 12205
Tel: 518/458-1313
Fax: 518/458-2472



August 30, 1995

Mr. Raymond E. Lupe, P. E.
Supervisior, Contracts Development Section
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233

RE: Work Assignment #D002520-33
Mohonk Road Workplan Comments

Dear Mr. Lupe:

The following letter addresses the New York State Department of Environmental Conservation's comments to the recently submitted Workplan for the continuation of services at the Mohonk Road Industrial Site in High Falls, New York.

1) Costs for this work assignment were based on costs developed for the Gelles amendment (#26.1), the predecessor to this work assignment. Apparent rate changes are due to yearly inflationary vendor price increases. Pricing justification is itemized below.

- FRP fiberglass tank pricing increased effective April 1, 1995 through our vendor, Alamo Water Refining, Inc. This vendor's pricing was previously compared to the NYSDEC approved water treatment subcontractors (Culligan-Akron, Hudson Valley Water Resources,Aquascience) and others (Park International and Charger Water) for providing water treatment components as part of the Gelles amendment. Their pricing, and location were chosen over others. By comparison, the list price for the FRP tank from Park International this year is $184.15. Amatek, Inc., (manufacturer of particle filter housings) has similarily increased their list price to $42.75. In an effort to avoid the costs of reprocuring the required hardware, Dunn recommends that we continue to use Alamo Water Refining, Inc. whose prices continue to be reasonable.

- Costs for water softeners/greensand filters were determined in the same manner as indicated above. Softeners and greensand filters are composed basically of the same components, the difference being the regenerating material, and therefore their relative cost is similar. Costs

itemized for greensand filters by Culligan-Akron, Hudson Valley Water Resources, and Aquascience are $1495, $875, and $795 respectively. Forty pound bags of salt, (potassium chloride) was determined reasonable per telephone quotes. (See attached telephone record).

- Laboratory services were rebid by Dunn in January 1995 for all "point of entry " water treatment projects in an effort to consolidate the projects under one laboratory. Phoenix Environmental was chosen as the low bidder and provides the additional benefits of being able to provide Dunn with sample pickup, ten day turn around time, and reporting deliverables on disk for transfer to a variety of software programs.

- Kelley was used as the electrical sub-contractor for most of the site electrical work. Due to the fact that he lived a fair distance away, extra travel charges and travel time added to the cost of his service. Defria was one of the homeowners susequently affected by the contamination at the site, and offered his services. He has responded in a timely manner, was reasonable in cost, and provides the services with less travel time and mileage than charged by Kelley.

- Borne's plumbing rate quotation to Dunn was $35./hr. which was used in the Gelles amendment. Upon receiving invoices for his service, it was recognized that the price quotation did not include 7% tax, which raised the per hour total charge to $37.71. The $37.71 was rounded up to forty dollars per hour for the purposes of the work plan budget for Mohonk Road.

2) The Mohonk Road Workplan 2.11 schedules, were patterned after the Gelles amendment # 26.1 and mistakenly had not been revised. The final workplan will be corrected to reflect the correct name and work assignment number.

3) Comment noted. The work plan, section 2.2.5, Task 5 will be modified to include the stipulated text.

If you require additional information or have further questions, please call Amy Van Laak or me at 518-458-1313.

Sincerely,

for Joe Slack

Joseph L. Slack, P.E.
Manager, Government Programs

DUNN ENGINEERING COMPANY
Environmental, Civil and Geotechnical Engineers
12 Metro Park Road
Albany, NY 12205
Tel: 518/458-1313
Fax: 518/458-2472

August 30, 1995

Mr. Raymond E. Lupe, P. E.
Supervisior, Contracts Development Section
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233

RE: Work Assignment #D002520-33
Workplan - Mohonk Road Industrial Plant Site

Dear Mr. Lupe:

Please find enclosed seven final copies of the Workplan for the continuation of services to the Mohonk Road Industrial Plant Site, site #3-56-023. This Workplan has been prepared for Work Assignment # D002520-33 under the State Superfund Standby Program and was modified per NYSDEC's comments of August 24, 1995.

Please contact Amy Van Laak or me at 518-458-1313 if there are any further questions regarding this Workplan.

Sincerely,

Joseph L. Slack, P.E.
Manager, Government Programs

AVL
enc.

WORKPLAN

POINT-OF-ENTRY WATER TREATMENT SYSTEMS

Mohonk Road Industrial Plant Site Wells

Work Assignment No. D002520-33.0

Prepared for:

State Superfund Standby Program
New York State
Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233-7010

Submitted By:

Dunn Engineering Company
12 Metro Park Road
Albany, New York 12205

June 26, 1995

TABLE OF CONTENTS

1.0 INTRODUCTION

Dunn Engineering Company (Dunn) has been issued Work Assignment #D002520-33.0, under the New York State Department of Environmental Conservation (NYSDEC) State Superfund Standby Program. This Work Assignment is to provide for the installation, operation, monitoring and maintenance of point-of-entry water treatment systems on contaminated residential and commercial water supply wells in the Hamlet of High Falls, Town of Marbletown, Ulster County, New York.

The suspected source of contamination, the Mohonk Road Industrial Park facility, manufactured metal shelves and display racks which involved metal finishing, metal plating, powder coating, electrostatic painting, and welding. The site is located east of the Hamlet of High Falls, on Mohonk Road, immediately upgradient of the region affected by the contamination. The mishandling of volatile organic compounds (VOCs) is believed to have contributed to the contamination of the local groundwater. The compounds of concern at the site are 1,1-dichloroethene (1,1-DCE), 1,1-dichloroethane (1,1-DCA), 1,1,1-trichloroethane (1,1,1-TCA), and trichloroethene (TCE).

Sixty-two (62) granular activated carbon (GAC) whole house water treatment systems have been installed over the past twelve months, beginning in late June, 1994. The systems were installed and are being maintained by Dunn under IRWA Work Assignment #D002520-26 and subsequent Amendment No.1. This Work Assignment will transfer the ongoing operation and maintenance costs from the original IRWA to provide for uninterrupted service and will provide for the installation of additional GAC systems and pertinent equipment when additional contaminated wells are discovered by the ongoing sampling and analyses being conducted by the Ulster County Department of Health.

To complete this work assignment, Dunn will:

- install additional GAC whole-house water treatment systems and/or pre-treatment equipment as approved and necessary,
- assure all electrical supplies installed for UV disinfection and pre-treatment units are GFI, ground fault interrupter type receptacles compatible with town code and that existing electrical receptacles used for UV units supply sufficient voltage and are away from water connections,
- sample and analyze water from each system on a semi-annual basis or, for those that require more frequent monitoring, on a quarterly basis,
- replace spent GAC media when contaminant concentrations in intermediate or final water exceed 1 ug/l (ppb).
- inspect the physical condition of the GAC system, including servicing of the ultraviolet disinfection units, on an as needed basis and provide for annual replacement of bulbs in those UV units, and aid residents in cartridge media exchange as needed,

- inspect the physical condition of pre-treatment equipment (water softeners), and replenish regeneration agents (potassium chloride) as needed,
- provide cartridge filter media to residents for replacement as needed,
- subcontract for emergency service with a local plumber,
- provide routine service to maintain the systems, and
- report progress to NYSDEC on a semi-annual basis.

Based upon the history and needs of the site, this Work Assignment will include, as a contingency, the tentative installation of an additional eighteen (18) GAC systems to mitigate potential VOC well contamination and thirty-five (35) pre-treatment systems to minimize and reduce effects of iron, manganese and hardness conditions affecting GAC operation.

The scope of work, including additional details on the individual tasks, assumptions and limitations are provided in Section 2. The Project Schedule is provided in Section 3. A Staffing Plan is provided in Section 4. A M/WBE Utilization Plan is provided in Section 5. The project budget is presented in Section 6.

2.0 SCOPE OF WORK

2.1 Workplan Tasks

2.2.1 Task 1-Develop Work Plan

Dunn will prepare a Workplan to describe details of the work to be preformed under the project. Dunn will be responsible for the purchase of materials, installation and maintenance of additional GAC and pre-treatment systems as well as maintaining the 62 existing systems. As part of this Task, Dunn will secure prices for materials such as pre-treatment equipment for which an established price has not already been determined. Several items including materials, analytical services and subcontractor prices that have already been determined as a result of Work Assignment #D002520-26.1 (Gelles Workplan Amendment No. 1) will not be repeated. The draft Workplan will be submitted to NYSDEC for review and revision if necessary.

2.2.2 Task 2- Purchase/Install Additional GAC Systems

Dunn will purchase and install an additional eighteen (18) GAC systems which meet the specifications of the GAC systems presently in service under Work Assignment # D002520-26.1. Each new system installation typically includes, at minimum, one sediment filter, (5 micron size), two granular activated carbon (GAC) beds operating in series, and a final ultraviolet (UV) disinfection step. The New York State Department of Health (NYSDOH) recommends treatment with two tanks connected in series for organics removal from drinking water. This configuration provides a primary and secondary GAC unit and allows for monitoring between these units. The

systems will be equipped with valving and appurtenant equipment to allow flexibility in operation. The systems will also be equipped with flow meters to track the volume of water treated by the GAC systems and provide information used to determine carbon adsorption capacity for the contaminants of concern. Flow information collected over time provides information useful for estimating breakthrough intervals.

2.2.3 Task 3- Purchase/Install Pre-Treatment Equipment

Dunn will purchase and install, up to an additional thirty-five (35) pre-treatment units in cases where GAC operation is affected and /or final water quality is aesthetically changed as a result of the GAC operation. The pre-treatment will consist of water softeners that are capable of eliminating carbonate (hardness) build-up on UV quartz sleeves and lowering iron concentrations to minimize and, in most cases, eliminate staining of the UV unit's quartz sleeve and household plumbing fixtures and sanitary units. Pre-treatment equipment will be placed immediately before the UV unit. Water softening units will be monitored and maintained to provide both effective water conditioning and to minimize operating costs. Backwash timers on the units will be set normally at a ten pounds salt / seven day backwash cycle. Potassium chloride (salt) was chosen as an alternative to sodium chloride to be the softener's regenerating agent due to concern for those persons on low and restricted sodium diets. Potassium chloride will be provided to residents as needed. These systems will be installed only with prior NYSDEC approval.

2.2.4 Task 4- Routine Operation and Maintenance

Routine service will be done during each sampling event and will include the following:

a. record differential pressure gauge readings and check particle filter condition. Residents are instructed on maintaining the particle filter and are provided with replacement cartridges. Dunn will replace cartridges if necessary.

b. check for leakage;

c. confirm correct valve settings;

d. clean quartz sleeve on the UV unit and visually confirm UV performance; and

e. check pre-treatment equipment including injectors, and brine tank salt levels.

GAC Media Exchange: GAC will require periodic replacement in order to maintain the effectiveness of the treatment systems. Replacement will be preformed by Dunn. For the purposes of this project, breakthrough will be considered to have occurred upon detection of any one of the site-specific target compounds in the intermediate or final water at greater than 1ug/l (ppb). Upon breakthrough, the Primary GAC vessel will be changed out and the spent carbon removed, drained and containerized in double 5 mil polyethylene trash bags for household disposal. The Secondary GAC vessel will be disconnected and moved to the Primary position. The Primary GAC vessel will be rebedded with potable water grade, NSF and AWWA certified, virgin GAC media and be placed in the Secondary position.

UV Disinfection Unit Service: Ultraviolet lamps in disinfection units have a rated life of 8000 hours (about 48 weeks). Future replacement will occur after each 8000 hours of operation. Based upon the amount of deposition observed on UV quartz sleeves during routine servicing of the UV units, it may be found necessary to provide interim cleaning, or recommend pre-treatment to minimize service calls and assure the UV unit's continual effectiveness for bacteria destruction at those sites shown to have high levels of iron, manganese and hardness in the raw water.

2.2.5 Task 5-Sampling and Analysis

Dunn will sample all systems to monitor performance and determine whether GAC exchange is needed. Samples will be collected semi-annually (every 6 months) or more often, as approved by the NYSDEC. Three samples from each system will be collected for EPA Method 601 volatile analysis from, respectively:

- raw water, before any treatment has occurred;
- intermediate water from between two GAC vessels; and
- final water from after the last GAC vessel and UV unit.

A sample of final water, after the UV unit will be collected for Total Coliform testing.

Analytical services will be provided by Phoenix Environmental Laboratories, Manchester, Connecticut. The laboratory holds NYSDOH ELAP certification for non-potable water purgeable halocarbons and will be monitored by Dunn to maintain certification throughout the project duration. The practical quantitation limit/method detection limit for EPA Method 601 will be 1ug/l (ppb) or less, since the action level for GAC media exchange is 1 ppb.

As necessary, raw water will be collected and analyzed for general water quality parameters, including iron, manganese, and hardness and pH. Analytical services for these analyses will be provided by Bender Laboratories, Albany, New York.

2.2.6 Task 6- Emergency Maintenance

Emergency service will be provided as needed by a designated local plumbing firm. All users of the treatment systems will be advised of the name of the contractor servicing them and the emergency phone number. All residents will also be advised that although emergency service is available, any problems caused by misuse by the user will be at the user's expense.

2.2.7 Task 7- Reports and Records

Each six months, a letter report will be prepared by Dunn to document results of the most recent sampling and analysis and of any routine maintenance actions, such as GAC exchange, which will occur as a result of sampling and analysis. For each sampling event, a water meter reading

will also be recorded for each location. This report will also document any emergency service and will describe actions taken to address the situation.

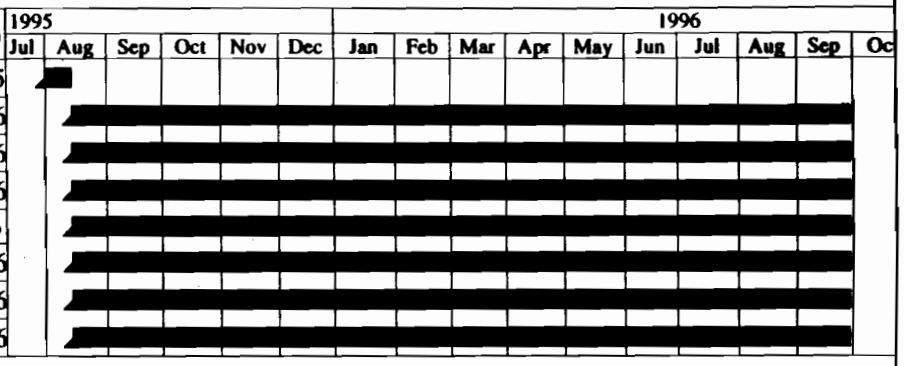
Each month, a project status report will be sent to NYSDEC summarizing the previous month's service conducted at the site. Also, any pertinent information and data requested by the Ulster County Department of Health with NYSDEC approval will be prepared and forwarded directly to their offices in Kingston, New York.

3.0 PROJECT SCHEDULE

The project schedule, upon which the budget is calculated, is shown in Figure 3.1.

Gantt Chart
Mohonk Road Industrial Plant

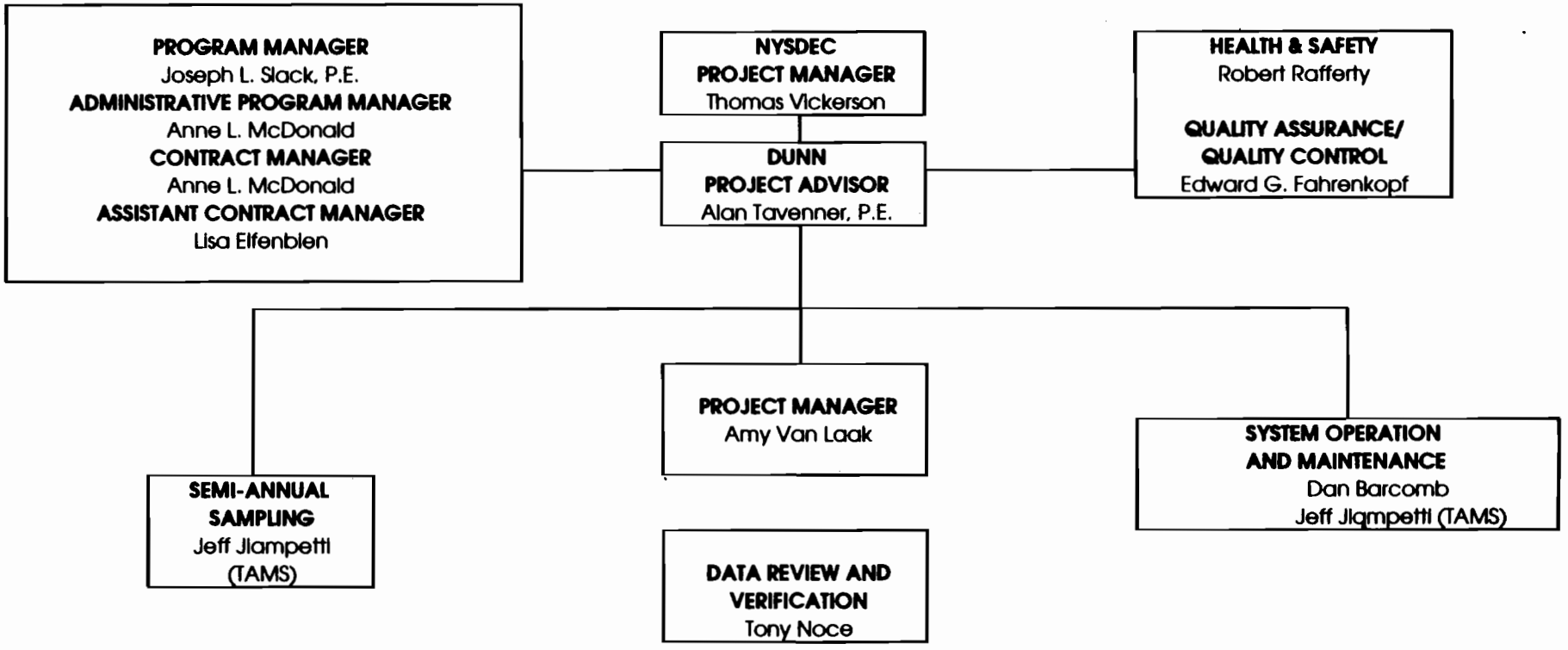
Task#	Task Name	Duration	Sched Star	Sched Fin
1	Develop Detailed Work Plan	2w	08/01/95	08/14/95
2	Purchase & Install 18 Additional GAC	14M	08/15/95	09/27/96
3	Purchase & Install 35 Pre-Treatment System	14M	08/15/95	09/27/96
4	Operation & Maintenance	14M	08/15/95	09/27/96
8	Program Management	14M	08/15/95	09/27/96
5	Sample & Anaylsis	14M	08/15/95	09/27/96
6	Emergency Maintenance	14M	08/15/95	09/27/96
7	Reports and Records	14M	08/15/95	09/27/96



4.0 STAFFING PLAN

FIGURE 4.1 PROJECT ORGANIZATION

POINT OF ENTRY WATER TREATMEN T SYSTEMS
OPERATION AND MAINTENANCE
Mohonk Road Industrial Plant Site
WORK ASSIGNMENT NUMBER : D002520-33.0



5.0 SUBCONTRACTORS UTILIZATION PLAN

5.1 Subcontractors

DUNN plans to utilize the following subcontractors on the project:

BENDER	Analytical Services	$1,020.00
PHOENIX	Analytical Services	$33,000.00
BORNE	Plumbing Services	$6,400.00
DEFRIA	Electrical Services	$3,135.00
TAMS Consultants Inc.	Professional Services	$1,325.00
WINDOWS SHINE - WBE	Clerical Services	$455.00

The subcontractors were utilized under the previous work assignment, and the basis for their selection was documented in the Workplan Amendent No. 1 for Work Assignment #D002520-26.1.

6.0 BUDGET

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

DUNN GEOSCIENCE ENGINEERING CO., P.C.
SCHEDULE 2.11(a)
SUMMARY OF WORK ASSIGNMENT PRICE

1.	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11(b)	$40,489.43
2.	INDIRECT COSTS (Schedule 2.10(g))	$63,325.48
3.	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11(c)(d)	$79,976.00

SUBCONTRACT COSTS
COST-PLUS-FIXED-FEE SUBCONTRACTS
(Schedule 2.10(e) and 2.11(e))

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
A. TAMS Consultants, Inc.	Professional Services	$105,473.51
4.	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	$105,473.51

UNIT PRICE SUBCONTRACTS
(Schedule 2.10(f) and 2.11(f))

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
A. Phoenix	Laboratory Services	$26,366.40
B. Bender	Laboratory Services	$1,020.00
C. Defria	Electrical Services	$3,135.00
D. Borne	Plumbing Services	$6,400.00
E. Windows Shine	Word Processing	$455.00
5.	TOTAL UNIT PRICE SUBCONTRACTS	$37,376.40
6.	TOTAL SUBCONTRACT COSTS (Lines 4 + 5)	$142,849.91
7.	FIXED FEE (Schedule 2.10(h))	$9,550.98
8.	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2+ 3+ 6 + 7)	**$336,191.80**

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

SCHEDULE 2.11(b)
DIRECT LABOR HOURS BUDGETED
Total

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX	VIII	VII	VI	V	IV	III	II	I	LABOR HOURS	DIRECT LABOR
Task 0100 - Develop Detailed Work Plan	0	2	0	0	2	0	28	0	0	32	$726.50
Task 0200 - Purchase & Install 18 Additional GAC Systems	0	0	0	0	0	0	100	50	50	200	$3,582.50
Task 0300 - Purchase & Install 35 Pre-Treatment Systems	0	0	0	0	0	0	150	75	75	300	$5,374.61
Task 0400 - Operation & Maintenance	0	12	0	0	0	0	622	260	200	1094	$20,632.67
Task 0500 - Sample & Analysis	0	0	0	0	0	0	100	50	50	200	$3,582.50
Task 0600 - Emergency Maintenance	0	0	0	0	40	0	110	0	0	150	$3,500.85
Task 0700 - Reports & Records	0	0	0	0	10	0	100	40	0	150	$3,089.80
TOTAL LABOR HOURS	0	14	0	0	52	0	1210	475	375	2126	
TOTAL LABOR DOLLARS	$0.00	$687.54	$0.00	$0.00	$1,532.80	$0.00	$25,507.73	$8,137.25	$4,624.11		$40,489.43

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

SCHEDULE 2.11(b)
DIRECT LABOR HOURS BUDGETED
1995

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX $50.32	VIII $47.88	VII $39.87	VI $32.46	V $28.65	IV $25.41	III $20.48	II $16.63	I $11.97	LABOR HOURS	DIRECT LABOR
Task 0100 - Develop Detailed Work Plan	0	2	0	0	2	0	28	0	0	32	$726.50
Task 0200 - Purchase & Install 18 Additional GAC Systems	0	0	0	0	0	0	50	25	25	100	$1,739.00
Task 0300 - Purchase & Install 35 Pre-Treatment Systems	0	0	0	0	0	0	75	37	37	149	$2,594.20
Task 0400 - Operation & Maintenance	0	6	0	0	0	0	311	130	100	547	$10,015.46
Task 0500 - Sample & Analysis	0	0	0	0	0	0	50	25	25	100	$1,739.00
Task 0600 - Emergency Maintenance	0	0	0	0	20	0	55	0	0	75	$1,699.40
Task 0700 - Reports & Records	0	0	0	0	5	0	50	20	0	75	$1,499.85
TOTAL LABOR HOURS	0	8	0	0	27	0	619	237	187	1078	
TOTAL LABOR DOLLARS	$0.00	$383.04	$0.00	$0.00	$773.55	$0.00	$12,677.12	$3,941.31	$2,238.39		$20,013.41

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

SCHEDULE 2.11(b)
DIRECT LABOR HOURS BUDGETED
1996

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX $53.34	VIII $50.75	VII $42.26	VI $34.41	V $30.37	IV $26.94	III $21.71	II $17.63	I $12.69	LABOR HOURS	DIRECT LABOR
Task 0100 - Develop Detailed Work Plan	0	0	0	0	0	0	0	0	0	0	$0.00
Task 0200 - Purchase & Install 18 Additional GAC Systems	0	0	0	0	0	0	50	25	25	100	$1,843.50
Task 0300 - Purchase & Install 35 Pre-Treatment Systems	0	0	0	0	0	0	75	38	38	151	$2,780.41
Task 0400 - Operation & Maintenance	0	6	0	0	0	0	311	130	100	547	$10,617.21
Task 0500 - Sample & Analysis	0	0	0	0	0	0	50	25	25	100	$1,843.50
Task 0600 - Emergency Maintenance	0	0	0	0	20	0	55	0	0	75	$1,801.45
Task 0700 - Reports & Records	0	0	0	0	5	0	50	20	0	75	$1,589.95
TOTAL LABOR HOURS	0	6	0	0	25	0	591	238	188	1048	
TOTAL LABOR DOLLARS	$0.00	$304.50	$0.00	$0.00	$759.25	$0.00	$12,830.61	$4,195.94	$2,385.72		$20,476.02

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

Total

SCHEDULE 2.11(b-1)
DIRECT ADMINISTRATIVE LABOR HOURS BUDGETED

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX	VIII	VII	VI	V	IV	III	II	I	LABOR HOURS	DIRECT LABOR
Task 0100 - Develop Detailed Work Plan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
Task 0200 - Purchase & Install 18 Additional GAC Systems	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
Task 0300 - Purchase & Install 35 Pre-Treatment Systems	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
Task 0400 - Operation & Maintenance	0.00	12.00	0.00	0.00	0.00	0.00	72.00	60.00	0.00	144.00	$3,138.42
Task 0500 - Sample & Analysis	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
Task 0600 - Emergency Maintenance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
Task 0700 - Reports & Records	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
TOTAL LABOR HOURS	**0.00**	**12.00**	**0.00**	**0.00**	**0.00**	**0.00**	**72.00**	**60.00**	**0.00**	**144.00**	**$3,138.42**

Subject to contract allowability, project adminsitrative hours would include but not necessarily be limited to the following activites:

1. Work Plan Development
   - Conflict of Interest Check
   - Develop budget schedules and supporting documentation
2. Review work assignment (WA) progress
   - Conduct progress reviews
   - Prepare monthly project report and update WA progess schedule
   - M/WBE Activities
   - Program Management
   - Manage Subcontracts
3. CAP Preparation
   - Prepare monthly cost control report and CAP
   - Oversee CAP preparation
4. Miscellaneous
   - NSPE List Updates
   - Equipment use and inventory
   - Word Processing and Report Preparation

Contract/Project administration hours would not include activities such as:

1. QA/QC reviews
2. Technical oversight by management
3. Develop subcontracts
4. Work plan development (other than COI and budget preparation)
5. Review of deliverables

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

DUNN ENGINEERING COMPANY
SCHEDULE 2.11(c)
DIRECT NON-SALARY COSTS

ITEM	MAXIMUM REIMBURSEMENT RATE	UNIT	ESTIMATED NUMBER OF UNITS	TOTAL ESTIMATED COST
A. In-House Costs				
Level D. Equipment	$11.00	Day	30	$330.00
Level C Equipment	$40.00	Day		
Level B Equipment	$100.00	Day		
			Subtotal:	**$330.00**
B. Miscellaneous				
Travel Costs				
a. Air Fare				
b1. Auto Rental				
b2. Truck/Van Rental				
c. Personal Mileage	$0.29	Miles	5,000	$1,450.00
d. Per Diem				
Ulster County	$82.00	Day	50	$4,100.00
e. Meals				
f. Miscellaneous Expenses (Tolls)	$1.00	Acutal Cost	200	$200.00
			Subtotal:	**$5,750.00**
			Total:	**$6,080.00**

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

DUNN ENGINEERING COMPANY
SCHEDULE 2.11(d)5
CONSUMABLE SUPPLIES

	ITEM	ESTIMATED QUANTITY	UNIT COST	TOTAL BUDGET COST
1	Shipping		Actual Cost	$2,000.00
2	GAC Med (Cu -Ft)	400	$27.00	$10,800.00
3	UV Bulbs	200	$50.00	$10,000.00
4	Partic Filters	1,500	$2.50	$3,750.00
5	Equipment Shipping		Actual Cost	$1,500.00
6	FRP Tank(12&14")	40	$160.00	$6,400.00
7	Filter Hsng	26	$26.00	$676.00
8	UV Unit	22	$472.50	$10,395.00
9	Standard Plumbing Supl	22	$250.00	$5,500.00
10	Other Plumb Supl	53	$100.00	$5,300.00
11	Consumables	13	$25.00	$325.00
12	Water Softeners & Greensand Filters	35	$350.00	$12,250.00
13	Salt (40lb Bag)	800	$6.25	$5,000.00
			Total:	**$73,896.00**

Engineer: Dunn Engineering Company
Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

DUNN GEOSCIENCE ENGINEERING CO., P.C.
SCHEDULE 2.11(e)
COST-PLUS-FIXED-FEE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
TAMS CONSULTANTS, INC.	Construction Management	$105,473.51

A. Direct Salary Costs 1995

Professional Responsibility Level	Labor Classification	Average Reimbursement Rate ($/Hr)	Maximum Reimbursement Rate ($/Hr)	Estimated No. of Hours	Total Estimated Direct Salary Cost
NSPE I	1	$15.86	$17.99	1,110	$17,604.60

Direct Salary Costs 1996

Professional Responsibility Level	Labor Classification	Average Reimbursement Rate ($/Hr)	Maximum Reimbursement Rate ($/Hr)	Estimated No. of Hours	Total Estimated Direct Salary Cost
NSPE I	1	$16.81	$19.06	1,110	$18,659.10
Total Direct Salary Costs				2,220	$36,263.70

B. Indirect Costs

Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum of 124.5% or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.

Budget for indirect costs is **$45,148.31**

C. Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Maximum Reimbursement Rate (Specify Unit)	Estimated No. of Units	Total Estimated Costs
1. Travel:			
Per Diem - Ulster County	$82.00 day	100	$8,200.00
Mileage	$0.29 mile	10000	$2,900.00
Tolls; Gas	$1.00	200	$200.00
2. Other Non-Salary Costs			
Level D	$18.00 day	70	$1,260.00
Consumables	$25.00	53	$1,325.00
Total Direct Non-Salary Costs			**$13,885.00**

D. Fixed Fee (12.5%)

The fixed fee is **$10,176.50**

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

DUNN ENGINEERING COMPANY
SCHEDULE 2.11(f)
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Phoenix	Laboratory Services	$26,366.40

Item	Maximum Reimbursement Rate (Specify Unit)		Estimated No. of Units	Total Estimated Costs
VOC Analysis by Method 601	$44.00	per sample	500	$22,000.00
TCLP Analysis and RCI Determination	$766.40	per sample	1	$766.40
Coliform Analysis	$15.00	per sample	240	$3,600.00

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

DUNN ENGINEERING COMPANY
SCHEDULE 2.11(f)
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Bender	Laboratory Services	$1,020.00

Item	Maximum Reimbursement Rate (Specify Unit)	Estimated No. of Units	Total Estimated Costs
Routine Water Quality	$51.00 per sample	20	$1,020.00

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

DUNN ENGINEERING COMPANY
SCHEDULE 2.11(f)
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Defria	Electrical Services	$3,135.00

Item	Maximum Reimbursement Rate (Specify Unit)	Estimated No. of Units	Total Estimated Costs
Electrical Services	$28.50 per hour	110	$3,135.00

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

DUNN ENGINEERING COMPANY
SCHEDULE 2.11(f)
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Borne	Plumbing Services	$6,400.00

Item	Maximum Reimbursement Rate (Specify Unit)	Estimated No. of Units	Total Estimated Costs
Plumbing Services	$40.00 per hour	160	$6,400.00

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

DUNN ENGINEERING COMPANY
SCHEDULE 2.11(f)
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Windows Shine	Word Processing	$455.00

Item	Maximum Reimbursement Rate (Specify Unit)	Estimated No. of Units	Total Estimated Costs
Word Processing	$13.00 per hour	35	$455.00

Engineer: Dunn Engineering Company
Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396
Task No./Name: Total Assignment

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$40,489.43	
2 Indirect Costs (156.4%)							$63,325.48	
3 Subtotal Direct Salary Costs and Indirect Costs							$103,814.91	
4 Travel							$6,080.00	
5 Other Non-Salary Costs							$73,896.00	
6 Subtotal Direct Non-Salary Costs							$79,976.00	
7 Subcontractors							$142,849.91	
8 Total Work Assignment Cost							$326,640.82	
9 Fixed Fee							$9,550.98	
10 Total Work Assignment Price							**$336,191.80**	

Project Manager (Engineer) _____ Date _____

Engineer: Dunn Engineering Company
Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396
Task No./Name: Task 0100 - Develop Detailed Work Plan

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$726.50	
2 Indirect Costs (156.4%)							$1,136.25	
3 Subtotal Direct Salary Costs and Indirect Costs							$1,862.75	
4 Travel							$0.00	
5 Other Non-Salary Costs							$0.00	
6 Subtotal Direct Non-Salary Costs							$0.00	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$1,862.75	
9 Fixed Fee							$171.37	
10 Total Work Assignment Price							**$2,034.12**	

Project Manager (Engineer) _____ Date _____

Engineer: Dunn Engineering Company
Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396
Task No./Name: Task 0200 - Purchase & Install 18 Additional GAC Systems

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$3,582.50	
2 Indirect Costs (156.4%)							$5,603.03	
3 Subtotal Direct Salary Costs and Indirect Costs							$9,185.53	
4 Travel							$0.00	
5 Other Non-Salary Costs							$28,511.00	
6 Subtotal Direct Non-Salary Costs							$28,511.00	
7 Subcontractors							$17,577.19	
8 Total Work Assignment Cost							$55,273.72	
9 Fixed Fee							$845.07	
10 Total Work Assignment Price							**$56,118.79**	

Project Manager (Engineer) _____ Date _____

Engineer: Dunn Engineering Company
Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396
Task No./Name: Task 0300 - Purchase & Install 35 Pre-Treatment Systems

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$5,374.61	
2 Indirect Costs (156.4%)							$8,405.89	
3 Subtotal Direct Salary Costs and Indirect Costs							$13,780.50	
4 Travel							$0.00	
5 Other Non-Salary Costs							$16,750.00	
6 Subtotal Direct Non-Salary Costs							$16,750.00	
7 Subcontractors							$24,828.41	
8 Total Work Assignment Cost							$55,358.91	
9 Fixed Fee							$1,267.81	
10 Total Work Assignment Price							**$56,626.72**	

Project Manager (Engineer) _____ Date _____

Engineer: Dunn Engineering Company
Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396
Task No./Name: Task 0400 - Operation & Maintenance

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$20,632.67	
2 Indirect Costs (156.4%)							$32,269.50	
3 Subtotal Direct Salary Costs and Indirect Costs							$52,902.17	
4 Travel							$6,080.00	
5 Other Non-Salary Costs							$28,635.00	
6 Subtotal Direct Non-Salary Costs							$34,715.00	
7 Subcontractors							$44,515.48	
8 Total Work Assignment Cost							$132,132.65	
9 Fixed Fee							$4,867.00	
10 Total Work Assignment Price							**$136,999.65**	

Project Manager (Engineer) _____ Date _____

Engineer: Dunn Engineering Company
Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396
Task No./Name: Task 0500 - Sample & Analysis

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$3,582.50	
2 Indirect Costs (156.4%)							$5,603.03	
3 Subtotal Direct Salary Costs and Indirect Costs							$9,185.53	
4 Travel							$0.00	
5 Other Non-Salary Costs							$0.00	
6 Subtotal Direct Non-Salary Costs							$0.00	
7 Subcontractors							$32,571.40	
8 Total Work Assignment Cost							$41,756.93	
9 Fixed Fee							$845.07	
10 Total Work Assignment Price							**$42,602.00**	

Project Manager (Engineer) _____ Date _____

Engineer: Dunn Engineering Company
Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396
Task No./Name: Task 0600 - Emergency Maintenance

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$3,500.85	
2 Indirect Costs (156.4%)							$5,475.33	
3 Subtotal Direct Salary Costs and Indirect Costs							$8,976.18	
4 Travel							$0.00	
5 Other Non-Salary Costs							$0.00	
6 Subtotal Direct Non-Salary Costs							$0.00	
7 Subcontractors							$22,902.43	
8 Total Work Assignment Cost							$31,878.61	
9 Fixed Fee							$825.81	
10 Total Work Assignment Price							**$32,704.42**	

Project Manager (Engineer) _____ Date _____

Engineer: Dunn Engineering Company
Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396
Task No./Name: Task 0700 - Reports & Records

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$3,089.80	
2 Indirect Costs (156.4%)							$4,832.45	
3 Subtotal Direct Salary Costs and Indirect Costs							$7,922.25	
4 Travel							$0.00	
5 Other Non-Salary Costs							$0.00	
6 Subtotal Direct Non-Salary Costs							$0.00	
7 Subcontractors							$455.00	
8 Total Work Assignment Cost							$8,377.25	
9 Fixed Fee							$728.85	
10 Total Work Assignment Price							**$9,106.10**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D002520-33.0
Site ID No: 3-56-023
Site Name: Mohonk Road
DUNN Project No: 39396

MONTHLY COST CONTROL REPORT
SCHEDULE 2.11(h)
SUMMARY OF LABOR HOURS
NUMBER OF DIRECT LABOR HOURS EXPENDED TO DATE/
ESTIMATED NUMBER OF DIRECT LABOR HOURS TO COMPLETION

LABOR CLASS	IX		VIII		VII		VI		V		IV		III		II		I		TOTAL NO. OF DIRECT LABOR HOURS	
TASK NO.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.
0100		0.0		2.00		0.0		0.0		2.0		0.0		28.0		0.00		0.00		32.0
0200		0.0		0.00		0.0		0.0		0.0		0.0		100.0		50.00		50.00		200.0
0300		0.0		0.00		0.0		0.0		0.0		0.0		150.0		75.00		75.00		300.0
0400		0.0		12.00		0.0		0.0		0.0		0.0		622.0		260.00		200.00		1094.0
0500		0.0		0.00		0.0		0.0		0.0		0.0		100.0		50.00		50.00		200.0
0600		0.0		0.00		0.0		0.0		40.0		0.0		110.0		0.00		0.00		150.0
0700		0.0		0.00		0.0		0.0		10.0		0.0		100.0		40.00		0.00		150.0
TOTAL		0.0		14.0		0.0		0.0		52.0		0.0		1210.0		475.0		375.0		2126.0