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MINNESOTA PETROLEUM TANK RELEASE
COMPENSATION BOARD

858

Application for Reimbursement

PART I APPLICATION PROCESS

(Check One) Check appropriate Phase and complete the information requested for the Phase checked (See Application Guide).

☐ Phase 1. MPCA approval of Soil Corrective Action Plan (SCAP)

a) Date of SCAP approval _____ (Attach Copy)

STATE OF MINNESOTA

b) Date SCAP was submitted to MPCA _____

☐ Phase 2. Submission of Soil Treatment Letter to MPCA

Date of Soil Treatment Letter _____ (Attach Copy)

DEC 2 1993

DEPARTMENT OF COMMERCE

☐ Phase 3. MPCA approval of Comprehensive Corrective Action Plan (CCAP)

a) Date of CCAP approval _____ (Attach Copy)

b) Date CCAP was submitted to MPCA _____

☐ Phase 4. Submission of CCAP Installation Letter to MPCA

Date of CCAP Installation Letter _____ (Attach Copy)

☒ Ongoing Expenses
Closure Letter from MPCA (Attach Copy)

PART II APPLICANT INFORMATION

Please be advised that the information used to support this application is subject to audit by the MPCA and MDOC.

1. "Responsible Person" ☒ "Volunteer" ☐ or "Non-Responsible Person" ☐
(check one) (see application guide)

Name: Conoco Inc. Attn: Ms. Cindy Mueller

SS# 23034

2. Mailing Address: P.O. Box 4784

Houston, TX 77210-4784

Phone: 713/293-3568

3. Site ID: Leak # 00000858

4. The applicant is a: ☒ Corporation ☐ Partnership ☐ Individual ☐ Other _____

5. Applicant was the owner or operator of the tank from 1955 to 03/08/1983

6. "Volunteer" Applicant owned property from N/A to N/A

7. Has applicant executed any Petrofund assignment agreements? yes _____ no X

Name of assignee _____ (attach copy of agreement)

Carol Bent
2/13/93
BL

PART III TANK FACILITY

1. Name of "Tank Facility" (see application guide) where the petroleum release occurred:
Former Conoco Store (Presently Rapid Oil Change)
2. Tank Facility address: 1126 South Robert Street
West St. Paul, MN
3. Contact Person at Tank Facility: Ms. Cindy Mueller
Phone: 713/293-3568
4. To the best of your knowledge, list all other persons besides the applicant who were owners or operators of the tank during or after the petroleum release:
Ashland Oil Company purchased the site in 1983.
5. Did any of the persons listed in question 4 incur corrective action costs related to this petroleum release? yes___ no X If yes, list name and address if known:

6. Date when petroleum release was detected: UNK
What test was performed to initially establish that a release occurred? Test Borings via Property
Transfer Assessment
7. Date when petroleum release was reported to the MPCA: 10/20/1988
8. a. Which tanks were the source of the release at this tank facility? (see application guide)
The source of the release is unknown.
- b. What was the cause of the release?
The cause of the release is unknown.
9. Was this tank(s) used only to store heating oil for consumptive use on the premises where stored?
(check one) yes _____ no X

PART IV TANK INFORMATION AND COMPLIANCE

(Note: If you do not know if tanks are registered and/or prior tank removal notice was given, enter "unk" (unknown) for these items. Please do not contact the MPCA for this information.)

Underground Storage Tanks. Complete the following information to reflect the status of your underground storage tanks at the time the release was discovered. Refer to the attachment "Do Underground Storage Tanks and Piping Requirements Apply to Your Petroleum Tank?" and "What Do You Have To Do?/When Do You Have to Act?" to determine the applicability of registration, leak detection, corrosion protection, and spill/overflow protection.

(Please attach additional sheets if more than five tanks are involved.)

Tank	Petroleum Product	Capacity	Type of Tank	Date Installed	Registered Yes/No/U	Date Removed
1	Unleaded	10,000	Steel	1973	UNK	03/08/1983
2	Regular	5,000	Steel	1955	UNK	03/08/1983
3	Premium	5,000	Steel	1955	UNK	03/08/1983
4						
5						

Tanks				Piping		
Tank	Leak Detection	Corrosion Protection	Spill/Overflow Protection	Type of Piping	Leak Detection	Corrosion Protection y/n
1	NO	NO	NO	Steel	NO	NO
2	NO	NO	NO	Steel	NO	NO
3	NO	NO	NO	Steel	NO	NO
4						
5						

Tank	Tank Tightness Test Dates	Piping Tightness Test Dates
1	N/A	N/A
2	N/A	N/A
3	N/A	N/A
4		
5		

* Was 10-day prior tank removal notice given to MPCA (YES/NO/UNK) UNK

* Which office was notified:

St. Paul UNK
Duluth _____
Brainerd _____
Detroit Lakes _____
Marshall _____
Rochester _____

* If the tank(s) involved in the release were **removed** after July 9, 1990, complete the following:

Removal Contractor: N/A

MPCA Contractor (NOT Supervisor) Certification Number: N/A

* If the tank(s) involved in the release were **installed** after July 9, 1990, complete the following:

Installation Contractor: N/A

MPCA Contractor (NOT Supervisor) Certification Number: N/A

B. **Aboveground Storage Tanks.** Complete the following information to reflect the status of the aboveground tanks involved in the release at the time the release was discovered.

In describing your secondary containment, specify:

* materials used to construct both the base and the walls, including type and thickness of materials (e.g., 6" compacted clay, 30 mil HDPE, reinforced concrete slab floor/concrete block walls, none)

* how material specifications are known (e.g., permeability tests/dates, installation specifications)

* is the volume of the secondary containment area adequate for the contents of the largest tank —

TANKS	Contents	Capacity	Date Installed	Registered yes/no/unk	Description of Secondary Containment			Vol.
					Walls	Base	Verification	
SAMPLE	unleaded	15,000	1/1/47	Y	Concrete block	6" compact clay/6	Perm test on (date)	N
1	N/A							
2								
3								

Are there any special circumstances you would like the persons reviewing your application to be aware of?

Please explain: See Attached Documentation

PART IV ELIGIBLE COSTS

1. The Eligible Cost Worksheets attached are for INVESTIGATION costs, CLEAN-UP costs, and CONSULTANT costs. These worksheets must be completed listing each corrective action for which you are requesting reimbursement.

2. Invoices submitted with this application cover the period from 11/08/1990 to 01/18/1993

3. Are any of the costs listed in the Eligible Cost Worksheets in dispute? yes no X
(see application guide)

4. At this time, do you anticipate incurring any Ongoing corrective action costs relative to the petroleum release at this Tank Facility? yes X no

If yes, explain briefly what work will be done and an approximate cost of that work.

Costs for the system installation and system operation and maintenance.

Approximate Cost: \$40,000/year for 3 years.

5. a. Please state the total amount of contaminated soil which was excavated at this site (cubic yards or tons): None

b. What was the soil contamination concentration (total hydrocarbons) N/A ppm?

6. Has the applicant been eligible to recover cleanup costs arising from this petroleum release under any insurance policy at any time since June 4, 1987? yes no X

If yes, provide the following:

<u>Insurance Company</u>	<u>Policy #</u>	<u>Policy Limits</u>	<u>Deductible</u>	<u>Period Covered</u>
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7. Total of all eligible costs as listed in the Eligible Cost Worksheets:	=	<u>\$161,876.07</u>
		X 90%

=	<u>\$145,688.46</u>
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Insurance Reimbursement (Subtract)	-	<u>(\$0.00)</u>
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Total Reimbursement Request (See application guide)	=	<u>\$145,688.46</u>
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PART V CONTRACTORS CONSULTANTS

- 1 Complete the following for all contractors, subcontractors, consultants, engineering firms or others who performed corrective actions at this release site. (see application guide) **Failure to provide this information of ALL persons who performed corrective action may result in an action to recover any reimbursement which may be paid.** (Attach additional sheets if necessary.)

Name of individual or firm: Dahl & Associates, Inc. PR#: 1009

Mailing address: 4390 McMenemy Street, St. Paul, MN 55127

Contact person: Jennifer McCann Phone: (612) 490-2905

Name of individual or firm: Twin City Testing Corporation PR#: 1023

Mailing address: 662 Cromwell Avenue, St. Paul, MN 55114

Contact person: _____ Phone: _____

Name of individual or firm: Hance Cable Testing & Locating, Inc. PR#: 1307

Mailing address: 2034 County Road 35 W, Buffalo, MN 55313

Contact person: _____ Phone: _____

Name of individual or firm: Barott Drilling Services, Inc. PR#: 1376

Mailing address: 681 Birch Street, Lino Lakes, MN 55014

Contact person: _____ Phone: _____

Name of individual or firm: C.S. McCrossan, Inc. PR#: 1145

Mailing address: 7865 Jefferson Highway, Maple Grove, MN 55369

Contact person: _____ Phone: _____

2. Describe below any relationship, financial or otherwise, between the applicant and any contractor who performed work at this site:

No relationship exists, financial or otherwise.

Additional Subcontractors: Conoco - South Robert Leak #000000858

Kemper & Associates, Inc.
2722 Highway 694, Suite 60
New Brighton, MN 55112

PR#: 1389

Rucki Trucking
3565 East 260th Street, Box 435
Savage, MN 55378

PR#: 1412

Modern Roadways Company
1620 Winnetka Avenue North
Minneapolis, MN 55427

PR#: 1281

M.F. Fleischhacker, Inc.
6984 Wyndham Way
Woodbury, MN 55125

PR#: 1352

Gene's Water & Sewer
3134 California Street N.E., Box 18526
Minneapolis, MN 55418

PR#: 1355

A.M./P.M. Electric, Inc.
215 West Myrtle Street, #3
Stillwater, MN 55082-4804

PR#: 1340

Danner, Inc.
843 Hardman Avenue South
South St. Paul, MN 55075

PR#: 1507

T.A. Schifsky & Son Inc.
2370 East Highway 36
North St. Paul, MN 55109

PR#: 1268

Airlift Sweeping & Striping
P.O. Box 47514
Minneapolis, MN 55447-0514

PR#: pending

Northern States Power Company
414 Nicollet Mall, Ren. Sq. 7
Minneapolis, MN 55401-1927

PR#: 1197

PART VI CERTIFICATION (see application guide)

A. "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

"I certify that if I have submitted invoices for costs that I have incurred but that remain unpaid, I will pay these invoices within 30 days or receipt of reimbursement from the board. I understand that if I fail to do so, the board may demand return of all or a portion of reimbursement paid to me and that if I fail to comply with the board's demand, that the board may recover the reimbursement, plus administrative and legal expenses in a civil action in district court. I understand that I may also be subject to a civil penalty."

Cindy Mueller
Signature of Applicant

Cindy Mueller
Name (Please Print)

11/22/93
Date

Witnessed by:
Larry Lawler
Name

11-22-93
Date

Every applicant must sign Part A. above. If applicant is a corporation or partnership, the following certification must also be made:

"I further certify that I am authorized to sign and submit this application on behalf of

Conoco Inc."

Cindy Mueller
Signature

Project Coordinator
Title (See Application Guide, Part VI)

Cindy Mueller
Name (Please Print)

11/22/93
Date

Please send this application and accompanying documents to:

**Petroleum Tank Release Compensation Board
Minnesota Department of Commerce
133 East Seventh Street
St. Paul, MN 55101
(612) 297-4017**

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

- * Descriptions must be specific as to work performed.
- * Invoices must be submitted for each cost listed below.
- * Invoices must contain sufficient detail to verify costs and service entered below.
- * Duplicate this form if additional worksheets are needed.

A. SOIL BORINGS/MONITORING WELLS - ETC.

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Test Drill Soil Vapor Vent/Probe	Dahl & Associates, Inc.	7379	8.00	35.00	280.00
Test Drill Soil Vapor Vent/Probe			15.00	41.00	615.00
Mob/Test Drill Soil Vent/Probe			106.00	55.00	5,830.00
B-57 Mobile Drill Rig			34.00	39.00	1,326.00
Ford F-250 Pickup Rental			34.00	3.76	127.84
Redi-Haul Trailer Rental			8.00	3.50	28.00
Wheeler Hardware - Approve Doors			1.00	300.22	300.22
Mobilization			1.00	20.87	20.87
TOTAL					8,527.93

B. LABORATORY TESTS AND ANALYSIS

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
MTBE	Dahl/Twin City Testing Corp.	4407	4.00	10.00	40.00
BTEX	Dahl/Twin City Testing Corp.	4407	4.00	80.00	320.00
BTX H2O MTBE	Dahl/Twin City Testing Corp.	5153	4.00	90.00	360.00
BTX - MTBE	Dahl/Twin City Testing Corp.	5929	4.00	90.00	360.00
BTX - MTBE	Dahl/Twin City Testing Corp.	6493	4.00	90.00	360.00
BTX - MTBE	Dahl/Twin City Testing Corp.	3337	4.00	90.00	360.00
BTX - GRO - MTBE	Dahl/Twin City Testing Corp.	7294	4.00	90.00	360.00
BTX - GRO MTBE	Dahl/Twin City Testing Corp.	7379	4.00	90.00	360.00
TOTAL					2,520.00

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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- * Duplicate this form if additional worksheets are needed.

A. SOIL BORINGS/MONITORING WELLS - ETC.

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Mileage	Dahl & Associates, Inc.	7379	10.00	.38	3.80
Pack and Grout Gravel	Dahl/Barott Drilling Services, Inc.		1.00	8420.00	8,420.00
1 Ton Util C30 Pickup Rental	Dahl & Associates, Inc.		12.00	15.63	187.56
Concrete Saw Rental			16.00	6.20	99.20
AVR, Inc. - Load Delivery			1.00	147.27	147.27
20' Deluxe Trailer Rental			8.00	3.50	28.00
Drilling Supplies			1.00	2300.49	2,300.49
Test Drill Soil Vapor Vent/Probe		7380	3.00	35.00	105.00
TOTAL					11,291.32

B. LABORATORY TESTS AND ANALYSIS

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
BTEX - GRO - MTBE	Dahl/Twin City Testing Corp.	7456	4.00	90.00	360.00
VOA - 465D	Dahl/Twin City Testing Corp.	7456	1.00	180.00	180.00
PB - I	Dahl/Twin City Testing Corp.	7456	1.00	25.00	25.00
GRO	Dahl/Twin City Testing Corp.	7456	1.00	80.00	80.00
BTEX - GRO - MTBE	Dahl/Twin City Testing Corp.	7479	5.00	70.00	350.00
					0.00
					0.00
					0.00
TOTAL					995.00

GRAND TOTAL (B) = \$3,515.00
=====

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

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- * Invoices must be submitted for each cost listed below.
- * Invoices must contain sufficient detail to verify costs and service entered below.
- * Duplicate this form if additional worksheets are needed.

A. SOIL BORINGS/MONITORING WELLS - ETC.

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Test Drill Soil Vapor Vent/Probe	Dahl & Associates, Inc.	7380	6.00	55.00	330.00
Drill Rig			3.00	39.00	117.00
Chevy C20 Rental			4.00	3.75	15.00
Portable Compressor Rental			4.00	4.00	16.00
Mobilization/Develop Wells		7407	9.25	41.00	379.25
Premixed Concrete			1.00	8.72	8.72
PH Meter Rental			8.00	2.00	16.00
Conductivity Indicator Rental			8.00	3.60	28.80
TOTAL					910.77

GRAND TOTAL (A) = \$20,730.02
=====

B. LABORATORY TESTS AND ANALYSIS

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					0.00

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

- * Descriptions must be specific as to work performed.
- * Invoices must be submitted for each cost listed below.
- * Invoices must contain sufficient detail to verify costs and service entered below.
- * Duplicate this form if additional worksheets are needed.

C. EXCAVATION

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Excavation/Backfill and Compact	Dahl & Associates, Inc.	7379	28.50	35.00	997.50
Excavation/Backfill and Compact			37.00	41.00	1,517.00
Excavation/Backfill and Compact			31.50	65.00	2,047.50
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					4,562.00

D. SOIL DISPOSAL

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Soil Sample Disposal	Dahl & Associates, Inc.	3609	1.00	48.00	48.00
Disposal of Product in Building		5685	.25	55.00	13.75
Hauling of Contaminated Soil	Dahl/C.S. McCrossan Const., Inc.	7379	1.00	522.73	522.73
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					584.48

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

- * Descriptions must be specific as to work performed.
- * Invoices must be submitted for each cost listed below.
- * Invoices must contain sufficient detail to verify costs and service entered below.
- * Duplicate this form if additional worksheets are needed.

E. WATER TREATMENT

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Equipment Specification	Dahl & Associates, Inc.	4407	.25	85.00	21.25
Equipment Specification		6268	.25	85.00	21.25
Equipment Specification		6849	.75	70.00	52.50
Equipment Specification		7173	1.50	70.00	105.00
F/S Coordinator		3337	.25	55.00	13.75
C/S Coordinator			.25	55.00	13.75
F/S Coordinator		3788	.25	55.00	13.75
Equipment Specification		7265	1.50	70.00	105.00
Equipment Specification			.75	85.00	63.75
Equipment Specification		7323	1.00	70.00	70.00
Equipment Specification			1.75	85.00	148.75
Wheeler - Door/Frame/Seal/Latch		7353	1.00	947.74	947.74
Brock White-Sand Bags			1.00	121.05	121.05
Mob/Underground Components/Install		7379	44.00	35.00	1,540.00
Mob/Underground Components/Install			49.50	41.00	2,029.50
Mob/Locate/Implementation of CAD			8.00	55.00	440.00
Locate/Install/Underground Comp.			27.50	65.00	1,787.50
Equipment Specification			.50	85.00	42.50
Locate Labor & Mileage	Dahl/Hance Cable Testing		1.00	134.10	134.10
Copper & Brass Components	Dahl & Associates, Inc.		1.00	291.48	291.48
Galvanized Pipe & Fittings			1.00	395.61	395.61
TOTAL					8,358.23

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

- * Descriptions must be specific as to work performed.
- * Invoices must be submitted for each cost listed below.
- * Invoices must contain sufficient detail to verify costs and service entered below.
- * Duplicate this form if additional worksheets are needed.

E. WATER TREATMENT

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
PVC Pipe & Fittings	Dahl & Associates, Inc.	7379	1.00	253.62	253.62
Underground Materials			1.00	1754.24	1,754.24
Valves-1/4" Ball Valves (20)			1.00	126.74	126.74
1 Ton Util C30 Pickup Rental			33.00	15.63	515.79
Goodin Company-Install Supplies			1.00	32.30	32.30
Danner - Truck/Dump Load Concrete			1.00	66.63	66.63
Locate Labor & Mileage	Dahl/Hance Cable Testing		1.00	109.20	109.20
Asphalt Installation	Dahl/Modern Roadways Co.		1.00	1225.00	1,225.00
Jackhammer Rental	Dahl & Associates, Inc.		8.00	5.00	40.00
Carlson-Skid Steer/Trailer Rental			1.00	3932.93	3,932.93
10'x18' Building/Supplies	Dahl/M.F. Fleischhacker, Inc.		1.00	11241.00	11,241.00
Control Panel (See Attached)	Dahl & Associates, Inc.		1.00	13970.73	13,970.73
Mob/Install/Underground Components		7380	15.50	35.00	542.50
Mob/Install/Above/Underground			16.00	41.00	656.00
Mob/Above/Underground Comp.			22.75	55.00	1,251.25
Mobilization			3.50	65.00	227.50
Equipment Specification			3.25	85.00	276.25
Garage Door			1.00	437.00	437.00
Installation of New Sewer Line	Dahl/Gene's Water & Sewer		1.00	700.00	700.00
Rough in Underground Conduits	Dahl/A.M./P.M. Electric, Inc.		1.00	1092.72	1,092.72
Shiely Company - Sand	Dahl & Associates, Inc.		1.00	252.76	252.76
TOTAL					38,704.16

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

- * Descriptions must be specific as to work performed.
- * Invoices must be submitted for each cost listed below.
- * Invoices must contain sufficient detail to verify costs and service entered below.
- * Duplicate this form if additional worksheets are needed.

E. WATER TREATMENT

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Chevy 1 Ton Util C30 Pickup Rental	Dahl & Associates, Inc.	7380	10.00	15.63	156.30
Chevy 3/4 Ton Van Rental			8.00	5.62	44.96
Redi-Haul Trailer Rental			4.00	3.50	14.00
Locks, Well Plugs			1.00	17.37	17.37
Center Plug Knockouts			1.00	4.50	4.50
PVC Screen Plugs (3)			1.00	10.71	10.71
2" x 20' PVC Casing (27)			1.00	20.25	20.25
Long PVC Coupling (2)			1.00	43.32	43.32
2" Elbows (2), 2" Tee, 2" Slip Cap			1.00	5.28	5.28
Monitoring Well Registration			1.00	75.00	75.00
4 x 2 Bushing (17)			1.00	97.52	97.52
4" Slip Caps (16)			1.00	95.40	95.40
Couplings (52)			1.00	106.80	106.80
2" 90 Elbow (13), 4" 90 Elbow (3)			1.00	43.76	43.76
2" Pipe (40), 4" Pipe (40)			1.00	114.18	114.18
1 1/2" Plugs (13)			1.00	17.38	17.38
2" Tees (26), 4" Tee Slips (3)			1.00	85.54	85.54
High Level Shut Off Valve			1.00	259.94	259.94
1/4" Ball Valve Threaded (14)			1.00	88.73	88.73
Brass Ball Valve Threaded (2)			1.00	99.55	99.55
Globe Valve Threaded (12)			1.00	642.54	642.54
TOTAL					2,043.03

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

- * Descriptions must be specific as to work performed.
- * Invoices must be submitted for each cost listed below.
- * Invoices must contain sufficient detail to verify costs and service entered below.
- * Duplicate this form if additional worksheets are needed.

E. WATER TREATMENT

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
1 1/2" T & C Pipe (21)	Dahl & Associates, Inc.	7380	1.00	51.35	51.35
1/2" Elbow Thread (8)			1.00	20.40	20.40
2" Elbow Thread (3)			1.00	13.67	13.67
2" Tees (2)			1.00	13.12	13.12
1" Unions (13)			1.00	65.96	65.96
1 1/2" Unions (4)			1.00	29.56	29.56
Reducing Bush Hex (2)			1.00	5.99	5.99
1/4 x 2 Nipples (14)			1.00	5.92	5.92
1" Close Nipples (40)			1.00	23.79	23.79
Sch 1-1 Nipples Threaded (4)			1.00	4.23	4.23
Sch 40 Nipples Threaded (5)			1.00	8.03	8.03
Sch 40 2" x 7" Nipples Threaded (2)			1.00	7.63	7.63
1/8 x 1" Hose Barb (26)			1.00	54.99	54.99
#30 Red Flint Sand (2)			1.00	16.50	16.50
Magnehelic Guage-30 Pressure (13)			1.00	830.42	830.42
#515255 Air Filters (2)			1.00	394.50	394.50
PVC 2" Bolt/Flanges (13)			1.00	103.19	103.19
Drop In Gaskets (26)			1.00	22.20	22.20
Header Vent (13)			1.00	3044.33	3,044.33
Orifice Plates (13)			1.00	502.00	502.00
Rotron Rack			1.00	75.00	75.00
TOTAL					5,292.78

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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E. WATER TREATMENT

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Rotron Blowers (2)	Dahl & Associates, Inc.	7380	1.00	3073.50	3,073.50
Mounting Block for Light			1.00	91.16	91.16
12" Exhaust Fan			1.00	297.03	297.03
Wall Bracket/Fan			1.00	49.53	49.53
Fernco Fasteners			1.00	5.81	5.81
Explosion Proof Heaters (2)			1.00	2110.26	2,110.26
Explosion Proof Light			1.00	224.40	224.40
Light Switch Enclosure			1.00	160.86	160.86
Explosion Proof Thermostat			1.00	397.33	397.33
3/4" Clear PVC Hose (20)		7407	1.00	22.80	22.80
Mob/Above Ground Comp-Vent Sys		7456	9.50	35.00	332.50
Mob/Above Ground Comp/Install			9.50	55.00	522.50
Mob/Above Ground Comp-Vent Sys		7479	29.00	35.00	1,015.00
Mob/Above Ground Comp-Vent Sys			29.50	55.00	1,622.50
Mobilization			1.00	65.00	65.00
Nardini-Ansul SPA50 Double System			1.00	3791.55	3,791.55
4" Pipes (10)			1.00	25.00	25.00
4" Tee Slip (1)			1.00	14.39	14.39
1" Threaded Globe Valve (1)			1.00	36.24	36.24
9" Threaded Elbow Street (1)			1.00	3.65	3.65
Threaded Sch Nipple (1)			1.00	1.49	1.49
TOTAL					13,862.50

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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E. WATER TREATMENT

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
1/8 X 1/4 MNPT Hose Barbs (6)	Dahl & Associates, Inc.	7479	1.00	1.41	1.41
1/4" Threaded Ball Valves (6)			1.00	37.98	37.98
2"X 1/4" Reducing Bush Hex Head(6)			1.00	24.84	24.84
1/4" X 3" Nipples (6)			1.00	3.81	3.81
Mileage			90.00	.48	43.20
#300 Rigid Pipe Machine Rental			8.00	7.00	56.00
Threaded Sch 40 Nipples (2)			1.00	1.83	1.83
Trailer Rental			8.00	3.50	28.00
Trailer Compressor Rental			8.00	10.00	80.00
Jackhammer Rental			8.00	5.00	40.00
Concrete Saw Rental			8.00	6.20	49.60
Cemstone-Calcium Chloride			1.00	265.42	265.42
Carlson Equipment-Wacker Rental			1.00	63.69	63.69
Install Structures/Underground Comp		7477	.75	55.00	41.25
Electric Service for Recovery System	Dahl/Northern States Power		1.00	280.00	280.00
2" Coupling Slip (12)	Dahl & Associates, Inc.		1.00	12.65	12.65
4 X 2 Bushing (2)			1.00	13.02	13.02
Seed/Topsoil			1.00	7.77	7.77
3/4" Couplings (3)			1.00	3.39	3.39
Solberg-CSL-C475500-150HC			1.00	89.26	89.26
Materials/Labor	Dahl/A.M./P.M. Electric, Inc.		1.00	3225.16	3,225.16
TOTAL					4,368.28

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

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E. WATER TREATMENT

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Mobilization/Install Structures	Dahl & Associates, Inc.	7498	4.50	41.00	184.50
Above Ground Comp-Ground H2O			27.00	55.00	1,485.00
Graybar Electric-Heater Element			1.00	38.28	38.28
Install Wiring for Ground H2O System	Dahl/A.M./P.M. Electric, Inc.		1.00	2746.26	2,746.26
Shop Vacuum Rental	Dahl & Associates, Inc.		8.00	2.50	20.00
4" No Flashing Caulk			1.00	8.36	8.36
Explosion Proof Light			1.00	224.40	224.40
4 X 2 Bushing			1.00	6.51	6.51
2" Coupling Slip			1.00	1.05	1.05
2" 90 Elbow (4)			1.00	6.12	6.12
4" 90 Elbow			1.00	9.57	9.57
2" Pipe (20 feet)			1.00	13.00	13.00
4" Pipe (4 feet)			1.00	9.60	9.60
1 1/2" 90 Elbow Threaded			1.00	3.30	3.30
3/4" Tee (2)			1.00	2.91	2.91
3/4" Unions (2)			1.00	6.06	6.06
1/2 Di-Elect Unions (2)			1.00	10.24	10.24
1 1/2 X 1 Bell Reducer			1.00	3.15	3.15
1/2 X 1/4 Reducing Bush Hex Head			1.00	1.26	1.26
3/4 X 1/2 Reducing Bush Hex Head			1.00	.63	0.63
1/2" X 2" Sch 40 Nipples Threaded			1.00	1.54	1.54
TOTAL					4,781.74

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATIVE AND CLEAN-UP

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E. WATER TREATMENT

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
3/4" X 1/2" Sch 40 Nipples Threaded	Dahl & Associates, Inc.	7498	1.00	.62	0.62
3/4" X 3" Sch 40 Nipples Threaded			1.00	1.62	1.62
3/4" X 3 1/2" Sch 40 Nipples Thrd			1.00	.72	0.72
3/4" X 6" Sch 40 Nipples Threaded			1.00	1.92	1.92
3/4" X 7" Sch 40 Nipples Threaded			1.00	1.32	1.32
1 1/2" X 2 1/2" Sch 40 Nipples Thrd			1.00	3.06	3.06
Brass Lock			1.00	10.14	10.14
Labor	Dahl/A.M./P.M. Electric, Inc.		1.00	390.81	390.81
Chevy 1 Ton Util C30 Rental			8.00	15.63	125.04
Miscellaneous-Premixed Concrete			1.00	4.14	4.14
Near Grade Well Vent Cover			1.00	34.89	34.89
NSP - Electric Charges			1.00	20.08	20.08
Carbon Valve Air Compressor			1.00	474.30	474.30
1 1/2 HP Electric Motor Baldor			1.00	570.00	570.00
Pressure Relief Valve			1.00	33.69	33.69
1 1/2 NPT 80 CFM Filter & Housing			1.00	74.25	74.25
0-15 PSI Pressure Guage			1.00	25.07	25.07
Temperature Guages (2)			1.00	88.17	88.17
0-30 PSI Pressure Guage			1.00	28.92	28.92
Utility Charges	Northern States Power Company	8/19/93	1.00	8.28	8.28
Monitoring For The Year	General Security Services Corp.	81818	1.00	255.60	255.60
TOTAL					2,152.64

GRAND TOTAL (E) = \$79,563.36
=====

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

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F. TRUCKING

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Hauling of Soil	Dahl & Associates, Inc.	7379	4.50	41.00	184.50
Hauling of Contaminated Soil	Dahl/Rucki Trucking Co., Inc.		1.00	301.00	301.00
BFI #619 - Container Delivery	Dahl & Associates, Inc.	7380	1.00	51.75	51.75
Dumping of Concrete	Dahl/Danner, Inc.		1.00	100.00	100.00
Hauling of Soil	Dahl/Rucki Trucking Co., Inc.		1.00	645.00	645.00
					0.00
					0.00
					0.00
TOTAL					1,282.25

G. EMERGENCY and TEMPORARY HAZARD CONTROL
(see applicaton guide)

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					0.00

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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H. SITE RESTORATION and CLOSURE

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Clean/Secure Site	Dahl & Associates, Inc.	7379	11.50	35.00	402.50
Clean/Secure Site/Well Completion			16.00	41.00	656.00
Clean/Secure Site/Well Completion			12.00	55.00	660.00
Clean/Secure Site			7.50	65.00	487.50
Clean/Secure Site/Well Completion		7380	2.50	35.00	87.50
Clean/Secure Site/Well Completion			5.00	55.00	275.00
Blacktop Patching	Dahl/T.A. Schifsky & Sons		1.00	50.00	50.00
Swept Lot	Dahl/Airlift Sweeping & Striping	7407	1.00	125.00	125.00
TOTAL					2,743.50

I. OTHER CLEAN-UP or INVESTIGATION COSTS

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					0.00

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

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H. SITE RESTORATION and CLOSURE

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Clean/Secure Site	Dahl & Associates, Inc.	7456	.50	35.00	17.50
Clean/Secure Site			.50	55.00	27.50
Clean/Secure Site		7479	2.50	35.00	87.50
Mob/Clean/Secure Site			4.00	41.00	164.00
Clean/Secure Site			3.00	55.00	165.00
Clean/Secure Site			4.50	65.00	292.50
					0.00
					0.00
TOTAL					754.00

GRAND TOTAL (H) = \$3,497.50
=====

I. OTHER CLEAN-UP or INVESTIGATION COSTS

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					0.00

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
RI/CAD Report Binding	Dahl & Associates, Inc.	3385	2.50	24.00	60.00
Administrative Services			.25	30.00	7.50
Data/Mob/Download/Site Needs			1.50	41.00	61.50
Work Plan/Status Rpt/Corresp			1.00	55.00	55.00
Corresp w/MPCA/Client/CAD Rpt			4.25	80.00	340.00
Clerical Work on Project/Client		3609	1.00	24.00	24.00
Correspondence Regarding Petrofund			.50	30.00	15.00
Site Needs/Prep/Mob/Collect Data			1.25	41.00	51.25
Permit/Corresp/Sched Sys Install			4.25	55.00	233.75
Develop Work Plan/Corresp w/Client			.50	70.00	35.00
Corresp/Sched System Install			1.00	80.00	80.00
Water Level Indicator Rental			1.00	29.00	29.00
Clerical Work on Client Corresp		3824	.25	24.00	6.00
Corresp/Sys Install/Work Plan/Permit			13.75	55.00	756.25
Permit/Corresp/Sched Sys Install			3.00	80.00	240.00
Coordinate Materials/Equipment			.25	85.00	21.25
Field Data Reduction		4161	.25	24.00	6.00
Collect Data/Mob/Discuss Site Needs			2.25	41.00	92.25
Sched Field Maint/Sampling Work			.25	70.00	17.50
Sched Field Maint/Sampling Work			.25	80.00	20.00
TOTAL					2,151.25

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Water Level Indicator Rental	Dahl & Associates, Inc.	4161	1.00	29.00	29.00
Collect Data/Mob/Prep/Site Needs		4407	2.50	41.00	102.50
Download/Mob/Data/Log Data			1.25	48.00	60.00
Sched Field Maint/Sampling Work			.25	70.00	17.50
Water Level Indicator Rental			2.00	29.00	58.00
Disposable Check Valve Bailers			4.00	15.00	60.00
Mob/Travel/Collect Data/Download		4614	3.25	41.00	133.25
Log Data Into Database/Data			.50	48.00	24.00
Sched Maint/Sample/Drilling/Permit			.75	70.00	52.50
Water Level Indicator Rental			1.00	29.00	29.00
Administrative Services		5153	2.25	35.00	78.75
General Construction Permit			26.50	39.00	1,033.50
Work Plan/Mob/Data/Field Report			6.50	41.00	266.50
Work Plan/Field Data Rpt/Admin			1.25	55.00	68.75
Manage/Sched/Corresp w/Client			1.50	70.00	105.00
Corresp/Permit/Direction/Review			3.25	85.00	276.25
Professional Review			1.50	90.00	135.00
Mileage			136.00	.35	47.60
Water Level Indicator Rental			3.00	29.00	87.00
Mob/Data/Sched Monitor/Sampling		5450	2.25	41.00	92.25
TOTAL					2,756.35

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Field Work Data Report	Dahl & Associates, Inc.	5450	.25	55.00	13.75
Manage/Sched Site Monitor/Sample			.75	70.00	52.50
Project Direction			.25	85.00	21.25
Mileage			24.00	.35	8.40
Water Level Indicator Rental			1.00	29.00	29.00
Implementation of CAD Corresp/Meet		5685	.75	24.00	18.00
Mob/Data/Samples/Field Rpt/Sched			3.00	41.00	123.00
Work Plan/Sched Monitor/Sample			.50	55.00	27.50
Manage/Permit/Corresp w/Client			1.75	70.00	122.50
Project Direction			1.50	85.00	127.50
Mileage			25.00	.35	8.75
Water Level Indicator Rental			1.00	29.00	29.00
Disposable Bailers			4.00	15.00	60.00
Mob/Data/Sched Site Monitor/Sample		5929	1.25	41.00	51.25
Project Direction/Field Data Rpt			.50	55.00	27.50
Manage/Corresp w/Client/State			1.25	70.00	87.50
Project Management			.25	85.00	21.25
Mileage			20.00	.35	7.00
Water Level Indicator Rental			1.00	29.00	29.00
Administrative		6011	.50	24.00	12.00
TOTAL					876.65

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Administrative Services	Dahl & Associates, Inc.	6011	1.00	35.00	35.00
Draft Sys Layout/Building Plans			3.00	45.00	135.00
Field Data Rpt/Plan/Sched Work Plan			1.00	55.00	55.00
Management/Corresp w/Client			5.00	70.00	350.00
Professional Review			.75	85.00	63.75
Professional Review			.75	90.00	67.50
Well Maintenance Permit Fee			1.00	130.00	130.00
Admin/Corresp w/Primary Client		6268	.75	24.00	18.00
Mob/Data/Samples/Rpt/Sched			4.25	41.00	174.25
Work Plan/Sched Monitor/Sample			.50	55.00	27.50
Project Management			2.00	70.00	140.00
Project Direction			.50	85.00	42.50
Mileage			40.00	.38	15.20
Water Level Indicator Rental			1.00	29.00	29.00
Data/Mob/Work Plan/Rpt/CAD Data		6493	8.25	55.00	453.75
Project Management			1.00	75.00	75.00
Project Direction			.50	85.00	42.50
Mileage			14.00	.38	5.32
Water Level Indicator Rental			1.00	3.60	3.60
					0.00
TOTAL					1,862.87

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Admin/Sched Drill/Permit/CAD	Dahl & Associates, Inc.	6849	1.50	24.00	36.00
Mob/Data/Sched Monitor/Sample			1.25	41.00	51.25
Drafting Building Plans			5.25	45.00	236.25
Work Plan/Rpt/Data/Mob/Permit			12.00	55.00	660.00
Permit/Corresp w/Local Agency			7.50	65.00	487.50
Management/Corresp w/Local Agency			7.50	70.00	525.00
Direction/Water Model/Permit			3.00	85.00	255.00
Mileage			25.00	.38	9.50
Vehicle Rental			1.00	3.00	3.00
Water Level Indicator Rental			1.00	3.60	3.60
Monitoring Well Permit Fee			1.00	258.75	258.75
Water Appropriation Permit Fee			1.00	86.25	86.25
Permit/CAD Corresp/Meet/Local		7173	1.50	24.00	36.00
Mob/Data/Samples/Rpt/Sched Monitor			3.25	41.00	133.25
Permits/Corresp w/Local Agency			5.25	55.00	288.75
Manage/Permits/Corresp w/Local			11.50	70.00	805.00
Project Direction			.25	85.00	21.25
Mileage			66.00	.38	25.08
Powerline Variance Request			1.00	115.00	115.00
Disposable Bailers			4.00	15.00	60.00
TOTAL					4,096.43

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Water Level Indicator Rental	Dahl & Associates, Inc.	7173	1.00	3.60	3.60
Data Logger Rental			1.00	18.80	18.80
Clerical		3337	1.25	24.00	30.00
Drafter			5.75	45.00	258.75
Assistant Project Manager			10.00	55.00	550.00
Project Manager			5.50	70.00	385.00
Project Engineer			11.25	70.00	787.50
Director of Env Operations			1.25	85.00	106.25
Water Level Indicator Rental			8.00	3.60	28.80
Mileage			28.00	.38	10.64
Clerical		3788	.50	24.00	12.00
Field Tech			1.75	41.00	71.75
Assistant Project Manager			1.25	55.00	68.75
Project Manager			3.25	70.00	227.50
Project Engineer			8.50	70.00	595.00
Senior Engineer			3.50	85.00	297.50
Director of Env Operations			.50	85.00	42.50
Water Level Indicator Rental			8.00	3.60	28.80
Mileage			17.00	.38	6.46
Recovery Well Permit			1.00	378.35	378.35
TOTAL					3,907.95

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Implementation of CAD Corresp/Meet	Dahl & Associates, Inc.	7265	.25	24.00	6.00
Mobilization/Water Quality Samples			2.50	41.00	102.50
Planning/Scheduling Work Plan			.25	55.00	13.75
Management/Work Plan/Permits			8.50	70.00	595.00
Direction/Soil Remediation Model			2.00	85.00	170.00
Mileage			14.00	.38	5.32
Water Level Indicator Rental			8.00	3.60	28.80
Sampling Supplies - Bailers (4)			1.00	33.48	33.48
Mileage			1.00	19.61	19.61
Field Work Data Report		7294	.25	41.00	10.25
Draft Building Plans/RI Draft			9.75	45.00	438.75
Corresp w/Manufacturer/Vendor			.25	55.00	13.75
Planning/Scheduling Work Plan			1.00	65.00	65.00
Permit/Draft Sys Layout/Pre-Built			8.75	70.00	612.50
Management/Corresp w/Client			10.00	75.00	750.00
Project Direction			.50	85.00	42.50
Corrective Action Design Field Work		7323	5.00	55.00	275.00
Work Plan/Permit/Sched Sys Install			7.00	65.00	455.00
Permit/Corresp w/Vendor/Subs/Local			18.25	70.00	1,277.50
Manage/Plan/Sched System Install			10.50	75.00	787.50
TOTAL					5,702.21

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

- * Descriptions must be specific as to work performed.
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- * Duplicate this form if additional worksheets are needed.

J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Direction/Permits/Soil Modeling	Dahl & Associates, Inc.	7323	3.75	85.00	318.75
Permit/Implementation CAD Design		7353	1.25	24.00	30.00
Implementation of CAD Data			.25	35.00	8.75
Mob/Samples/Sched Monitor/Sample			3.00	41.00	123.00
Drafting Recovery System Layout			.50	45.00	22.50
Correspondence with Subcontractors			1.75	55.00	96.25
Permit/Corresp w/Subs/Client/Vendor			9.50	70.00	665.00
Manage/Corresp/Permit/Work Plan			14.25	75.00	1,068.75
Project Direction/Corresp w/State			1.75	85.00	148.75
Mileage			23.00	.38	8.74
Water Level Indicator Rental			8.00	3.60	28.80
Disposable Bailers (4)			1.00	33.32	33.32
Permits/Corresp/CAD Corresp/Meet		7379	2.50	24.00	60.00
Field Work Data Report			2.50	35.00	87.50
Mob/Data/Sched Site Inspect/Maint			3.25	41.00	133.25
Draft Building Plans/Base/Site Map			11.00	45.00	495.00
Work Plan/Rpt/Survey/Map/Corresp			24.75	55.00	1,361.25
Permit/Work Plan/Corresp/Sched			33.00	65.00	2,145.00
Permit/Corresp/Plan System Install			18.00	70.00	1,260.00
Manage/Permit/Corresp/Work Plan			29.50	75.00	2,212.50
TOTAL					10,307.11

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Direction/Sched System Install	Dahl & Associates, Inc.	7379	4.50	85.00	382.50
Dakota Cnty - Permit & Variance Fee			1.00	435.85	435.85
City of West St. Paul-Permit			1.00	218.79	218.79
Mileage			13.00	.38	4.94
HNU Meter Rental			24.00	11.25	270.00
Lee Murphy Inc. - Liability Ins.			1.00	69.00	69.00
Sampling Materials			1.00	24.00	24.00
Boundary Survey	Dahl/Kemper & Associates, Inc.		1.00	495.00	495.00
City of West St. Paul-Permit	Dahl & Associates, Inc.		1.00	135.70	135.70
Field Work Data Report		7380	2.00	35.00	70.00
Work Plan/Rpt/Corresp/Sys Install			1.75	55.00	96.25
Corresp/Plan/Sched Sys Install			6.00	65.00	390.00
Corresp/Plan/Sched Sys Install			1.50	70.00	105.00
Manage/Work Plan/System Install			2.00	75.00	150.00
Project Direction			.25	85.00	21.25
Annual Well Maintenance Fee			1.00	230.00	230.00
Contractor's License			1.00	115.00	115.00
Mob/Sched Monitoring/Sampling		7407	1.50	41.00	61.50
Operation & Maintenance Drafting			.25	45.00	11.25
Data/Work Plan/Corresp/Survey/Map			6.50	55.00	357.50
TOTAL					3,643.53

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Work Plan/Corresp w/Manufacturer	Dahl & Associates, Inc.	7407	3.75	70.00	262.50
Project Management			3.50	75.00	262.50
Project Direction			.75	85.00	63.75
Mileage			20.00	.38	7.60
Water Level Indicator Rental			8.00	3.60	28.80
Hermit Data Logger Rental			8.00	18.80	150.40
Survey Equipment Rental			8.00	4.00	32.00
Disposable Bailers (5)			1.00	41.63	41.63
Mileage - 25 miles			1.00	7.91	7.91
Administrative		7431	1.50	24.00	36.00
Corresp w/Local Agency/Permit			.50	35.00	17.50
Corresp/CAD Data/Work Plan/Rpt			2.75	55.00	151.25
Site Inspect/Maint/Corresp/Work Plan			9.50	70.00	665.00
Project Management/Plan Sys Install			2.25	75.00	168.75
Admin/Corresp w/Local Agency		7456	3.50	24.00	84.00
Other Prof Svcs/Admin/Mob/Report			4.00	35.00	140.00
Sched Site Monitoring/Sampling			.25	41.00	10.25
Draft Recovery System As-Built			1.50	45.00	67.50
CAD Data/Status Rpt/Work Plan			9.25	55.00	508.75
Scheduling Subcontractors			1.00	65.00	65.00
TOTAL					2,771.09

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Corresp w/Local/Vendor/Work Plan	Dahl & Associates, Inc.	7456	4.00	70.00	280.00
Project Management/CAD Corresp			3.25	75.00	243.75
Administrative/Corresp w/Subs		7479	7.75	24.00	186.00
Field Work Data Rpt/Administrative			3.50	35.00	122.50
Site Monitor/Sample/Rpt/Mob/Sample			4.75	41.00	194.75
Work Plan/Rpt/CAD Data/Corresp			9.00	55.00	495.00
Corresp/Sys Install/Work Plan			14.25	70.00	997.50
Manage/Sys Install/Work Plan			6.00	75.00	450.00
Disposable Bailers (5)			1.00	41.67	41.67
Mileage			23.00	.38	8.74
Water Level Indicator Rental			8.00	1.88	15.04
Corresp w/State Regulating Agency		7477	.25	24.00	6.00
Equip Spec/Work Plan/Corresp			3.50	55.00	192.50
Corresp/Sched Sys Install/Work Plan			5.25	70.00	367.50
Project Management			.50	75.00	37.50
Corresp w/Interested Party		7498	2.25	24.00	54.00
Corresp w/Interested Party			1.50	35.00	52.50
Planning/Scheduling Work Plan			.75	41.00	30.75
Data/Work Plan/Report/CAD Data			3.50	55.00	192.50
Corresp/Equip Spec/Work Plan			8.25	70.00	577.50
TOTAL					4,545.70

PART IV

- * Descriptions must be specific as to work performed.
- * Invoices must be submitted for each cost listed below.
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J. REPORT PREPARATION; DATA COLLECTION; OPERATION OVERSIGHT AND MAINTENANCE; SYSTEM MONITORING; CORRESPONDENCE; MILEAGE; POSTAGE; PER DIEM

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub- total
Project Management	Dahl & Associates, Inc.	7498	4.75	75.00	356.25
Project Direction			.25	85.00	21.25
Telephone Charges	U.S. West Communications	7/3/93	1.00	167.56	167.56
Telephone Charges	U.S. West Communications	8/2/93	1.00	55.91	55.91
Credit - See Invoice #3788	Dahl & Associates, Inc.	7379	1.00	-378.35	-378.35
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					222.62

GRAND TOTAL (J) = \$42,843.76

THE UNIVERSITY OF CHICAGO

PF6/91

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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K. MARK-UP

Description	Firm Name	General Contractor Invoice #	Sub-Contractor Invoice #	Mark Up %	Sub-total
Laboratory Mark-Up	Dahl/Twin City Testing	4407	3/13/91	15%	54.00
Laboratory Mark-Up	Dahl/Twin City Testing	5153	4410-91-3323.49	15%	54.00
Laboratory Mark-Up	Dahl/Twin City Testing	5929	4410-91-4542.56	15%	54.00
Laboratory Mark-Up	Dahl/Twin City Testing	6493	4410-92-0735.17	15%	54.00
Laboratory Mark-Up	Dahl/Twin City Testing	3337	4410-92-1111.21	15%	54.00
Laboratory Mark-Up	Dahl/Twin City Testing	7294	4410-92-1778.05	15%	54.00
Laboratory Mark-Up	Dahl/Twin City Testing	7379	4410-92-2600.09	15%	54.00
Locating Mark-Up	Dahl/Hance Cable Test	7379	2867	15%	20.12
TOTAL					398.12

L. OTHER CONSULTANT SERVICES (specify)

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub-total
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					0.00

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

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K. MARK-UP

Description	Firm Name	General Contractor Invoice #	Sub-Contractor Invoice #	Mark Up %	Sub-total
Grouting Mark-Up	Dahl/Barott Drilling	7379	2313	15%	1263.00
Hauling Mark-Up	Dahl/C.S. McCrossan	7379	897	15%	78.41
Surveying Mark-Up	Dahl/Kemper & Assoc.	7379	92783	15%	74.25
Hauling Mark-Up	Dahl/Rucki Trucking	7379	20472	15%	45.15
Locating Mark-Up	Dahl/Hance Cable Test	7379	2899	15%	16.38
Installation Mark-Up	Dahl/Modern Roadways	7379	10/19/92	15%	183.75
Subcontractor Mark-Up	Dahl/M.F. Fleischhacker	7379	11/02/92	15%	1686.15
Installation Mark-Up	Dahl/Gene's Water/Sewer	7380	2971	15%	105.00
TOTAL					3,452.09

L. OTHER CONSULTANT SERVICES (specify)

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub-total
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					0.00

PART IV ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP

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K. MARK-UP

Description	Firm Name	General Contractor Invoice #	Sub-Contractor Invoice #	Mark Up %	Sub-total
Subcontractor Mark-Up	Dahl/A.M./P.M. Electric	7380	2039	15%	163.91
Dumping Mark-Up	Dahl/Danner, Inc.	7380	92-1933	15%	15.00
Patching Mark-Up	Dahl/T.A. Schifsky	7380	28994	15%	7.50
Hauling Mark-Up	Dahl/Rucki Trucking	7380	20508	15%	96.75
Sweeping Mark-Up	Dahl/Airlift Sweeping	7407	3316	15%	18.75
Laboratory Mark-Up	Dahl/Twin City Testing	7456	4410-93-0500.26	15%	96.75
Laboratory Mark-Up	Dahl/Twin City Testing	7479	4410-93-1128.10	15%	52.50
Electric Mark-Up	Dahl/NSP Company	7477	4/14/93	15%	42.00
TOTAL					493.16

L. OTHER CONSULTANT SERVICES (specify)

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub-total
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					0.00

PART IV**ELIGIBLE COSTS WORKSHEET - INVESTIGATION AND CLEAN-UP**

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K. MARK-UP

Description	Firm Name	General Contractor Invoice #	Sub-Contractor Invoice #	Mark Up %	Sub-total
Labor Mark-Up	Dah/A.M./P.M. Electric	7477	4/23/93	15%	483.77
Installation Mark-Up	Dah/A.M./P.M. Electric	7498	4/23/93	15%	411.94
Installation Mark-Up	Dah/A.M./P.M. Electric	7498	5/24/93	15%	58.62
TOTAL					954.33

GRAND TOTAL (K) = \$5,297.70

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L. OTHER CONSULTANT SERVICES (specify)

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub-total
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
TOTAL					0.00