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MINNESOTA PETROLEUM TANK RELEASE COMPENSATION BOARD
Application for Reimbursement

#2572

PART I APPLICATION PROCESS

Due Back 6/23/93

(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)
b) Date SCAP was submitted to MPCA ___/___/___

on 3/20/93
Phase 5 - No ongoing

[] Phase 2. Submission of Documentation of Soil Treatment
Date Documentation was submitted to MPCA ___/___/___

[] 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)

FED 5/11/93

[X] Ongoing Expenses Following Phase 4 Reimbursement or MPCA Site Closure or Conditional Closure

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" [X] "Volunteer" [] or "Non-Responsible Person" []
(check one) (see application guide)

Name: Sinclair Marketing Co.

2. Mailing Address: 6602 Portland Avenue South
Richfield, MN 55423 Phone: (612) 869-2436

3. Site ID: Leak # 2572

4. The applicant is a: [X] Corporation [] Partnership [] Individual [] Other _____

5. Applicant was the owner or operator of the tank from 1979 to PRESENT

6. "Volunteer" Applicant owned property from NA to ___/___/___

7. Has applicant executed any Petrofund assignment agreements? yes ___ no [X]

Name of assignee(s) N/A (attach copy of agreement)

4/4/86
1480

This form is effective through December 31, 1992

No bills / contract
COSTS 2/23/91 - 10/30/92

(1)

PART III TANK FACILITY

1. Name of "Tank Facility" (see application guide) where the petroleum release occurred:

Shclair Marketing Co.

2. Tank Facility address:

7733 Portland Ave
Richfield, MN 55423

3. Contact Person at Tank Facility:

Mr Larry Feldsien

Phone: (612) 869-2436

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:

NA

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:

NA

6. Date when petroleum release was detected: 5/18/90

What test was performed to initially establish that a release occurred?

Screening of Excavated
Soils with a Photoionization
Device (PID)

7. Date when petroleum release was reported to the MPCA: 5/18/90

8. a. Which tanks (or associated piping) were the source of the release at this tank facility? (see application guide)

The release is suspected to be the result of leaking dispenser lines
running from two unleaded USTs.

b. What was the cause of the release?

Leaking dispenser lines.

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.)

A. **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/Unk	Date Removed
1	Waste Oil	560 gallons	Steel	1962	Yes	5/18/90
2	Premium Unleaded	6,000 gallons	Steel	1973	Yes	5/18/90
3	Regular (leaded) gasoline	4,000 gallons	Steel	1962	Yes	5/18/90
4	Regular (leaded) gasoline	4,000 gallons	Steel	1962	Yes	5/18/90
5	Unleaded gasoline	4,000 gallons	Steel	1962	Yes	5/18/90

(continued on Attached Page)

Tank	Tanks			Piping		
	Leak Detection (Methods)	Corrosion Protection (Yes/No)	Spill/Overflow Protection (Yes/No)	Type of Piping	Leak Detection (Methods)	Corrosion Protection (Yes/No)
1	None	No	No	Steel	None	No
2	Inventory Reconciliation	No	No	Steel	Red Jacket	No
3	Inventory Reconciliation	No	No	Steel	Red Jacket	No
4	Inventory Reconciliation	No	No	Steel	Red Jacket	No
5	Inventory Reconciliation	No	No	Steel	Red Jacket	No

Tank	Tank Tightness Test Dates	Piping Tightness Test Dates
1	None	None
2	11/86, 10/89	11/86, 10/89
3	11/86, 10/89	11/86, 10/89
4	11/86, 10/89	11/86, 10/89
5	11/86, 10/89	11/86, 10/89

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.)

(Continued)

A. **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/Unk	Date Removed
6	Unleaded Gasoline	4,000 gallons	Steel	1962	Yes	5/18/90
7	#1 Fuel Oil	1,000 gallons	Steel	1962	Yes	5/18/90
3						
4						
5						

Tank	Tanks			Piping		
	Leak Detection (Methods)	Corrosion Protection (Yes/No)	Spill/Overflow Protection (Yes/No)	Type of Piping	Leak Detection (Methods)	Corrosion Protection (Yes/No)
6	Inventory Reconciliation	No	No	Steel	Red Jacket	No
7	None	No	No	Steel	None	No
3						
4						
5						

Tank	Tank Tightness Test Dates	Piping Tightness Test Dates
6	11/86, 10/89	11/86, 10/89
7	None	None
3		
4		
5		

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

* Which MPCA office was notified:

- St. Paul X
- Duluth ---
- Brainerd ---
- Detroit Lakes ---
- Marshall ---
- Rochester ---

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

Removal Contractor: NA

MPCA Contractor (NOT Supervisor) Certification Number: NA

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

Installation Contractor: NA

MPCA Contractor (NOT Supervisor) Certification Number: NA

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 (Y/N)

Tank	Contents	Capacity	Date Installed	Registered Yes/No/Unk	Description of Secondary Containment			
					Walls	Base	Verification	Vol.
Sample	unleaded	15,000	1/1/47	Y	Concrete Block	6" compact clay/6" gravel fill	Perm test on (date)	N
1	NA							
2	NA							
3	NA							

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

PART V **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 2/23/91 to 10/30/92
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 ___ no X

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

NA

5. a. Please state the total amount of contaminated soil which was excavated at this site (cubic yards or tons): 300 yds³
- b. What was the soil contamination concentration (total hydrocarbons) 120 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>
<u>NA</u>				<u>1 1</u>
				<u>1 1</u>

7. Total of all eligible costs as listed in the Eligible Cost Worksheets: $\$ \underline{25,661.79}$
 X 90%
 = $\$ \underline{23,095.61}$

 Insurance Reimbursement - $\$ \underline{(0.0)}$
 (Subtract)
 Total Reimbursement Request = $\$ \underline{23,095.61}$
 (See application guide)

PART VI 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 for 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: EnecoTech Midwest, Inc.

Mailing address: 3050 Metro Drive, Suite 115, Bloomington, MN 55425

Contact person: Thomas R. Balow Phone: (612) 854-5513

Name of individual or firm: Hale Company

Mailing address: 1450 N. County Rd. C, St. Paul, MN 55113

Contact person: Guy Asmusen Phone: (612) 636-7476

Name of individual or firm: Cleansoils Inc.

Mailing address: 14120 23rd Ave North, Minneapolis, MN 55447

Contact person: James K. Poudier Phone: (612) 557-7106

Name of individual or firm: Interpoll Laboratories, Inc

Mailing address: 4500 Ball Road NE, Circle Pines, MN 55014

Contact person: Gregg Holman Phone: (612) 786-6020

Name of individual or firm: Thein Well Co.

Mailing address: 8973 13th Ave East, Shakopee, MN 55379

Contact person: Mike Thein Phone: (612) 445-9380

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

NA

PART VII 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 any 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."

Lawrence Feldsien
Signature of Applicant

Witnessed by:
Barbara Conley
Name

Lawrence F. Feldsien
Name (Please Print)

2-2-93
Date

2-2-93
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

Sinclair Marketing Co.

Lawrence F. Feldsien
Signature

Lawrence F. Feldsien
Name (Please Print)

Field Engineer
Title (See Application Guide, Part VI)

2-2-93
Date

Please send this application and accompanying documents to:

**Petroleum Tank Release Compensation Board
Minnesota Department of Commerce
133 East Seventh Street
St. Paul, Minnesota 55101
(612) 297-4203
(612) 297-1119**

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 services 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
Installation of 2 soil borings and 4 monitoring wells.	Thein Well Co.	EncoTech Invoice # 711-017-09	6	\$1,411.33	\$8,465.00
Abandonment of 4 monitoring wells	Thein Well Co.	EncoTech Invoice # 711-017-21	4	\$183.50	\$734.00
TOTAL					\$9,200.00

B. LABORATORY TESTS AND ANALYSIS

Description	Firm Name	Invoice # or date	Total Units	Unit Costs	Sub-total
Analysis of 7 samples for BTEX, THC-gas, THC-fuel oil	Interpoll	EncoTech Invoice # 711-017-09	7	\$270.86	\$1,896.00
Analysis of water samples for 465-C, THC-gas and fuel oil, MTBE	Interpoll	EncoTech Invoice # 711-017-09	4	\$312.00	\$1,248.00
Water samples for MTBE, 465-C, THC-gas and fuel oil	Interpoll	EncoTech Invoice # 711-017-13	4	216.00	\$864.00
BTEX, THC-gas, THC-fuel oil, 1,2-Dichloroethane	Interpoll	EncoTech Invoice # 711-017-14	4	\$218.00	\$872.00
BTEX, THC-gas and fuel oil, 1,2-Dichloroethane	Interpoll	EncoTech Invoice # 711-017-17	4	\$216.90	\$867.60
TOTAL					\$5,747.60

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 services entered below.
- * Duplicate this form if additional worksheets are needed.

C. EXCAVATION

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

D. SOIL DISPOSAL

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

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
NA					
TOTAL					

PART IV ELIGIBLE COST WORKSHEET - INVESTIGATION AND CLEAN-UP

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- * Invoices must be submitted for each cost listed below.
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- * Duplicate this form if additional worksheets are needed.

F. TRUCKING

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

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

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

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 services entered below.
- * Duplicate this form if additional worksheets are needed.

H. SITE RESTORATION and CLOSURE

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

I. OTHER CLEAN-UP or INVESTIGATION COSTS

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

PART IV ELIGIBLE COST WORKSHEET - CONSULTANT SERVICES

- * Description 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 services entered below.
- * Duplicate this form if additional sheets 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
Project Manager - Invoice Prep.	EnecoTech Midwest, Inc	711-017-09	0.25	65 ⁰⁰	\$16 ²⁵
Project Manager - Invoice Prep	EnecoTech Midwest, Inc	711-017-09	0.50	65 ⁰⁰	32 ⁵⁰
Project Manager - Invoice Prep	EnecoTech Midwest, Inc	711-017-09	0.25	65 ⁰⁰	16 ²⁵
Staff Geologist - Field Work	EnecoTech Midwest, Inc.	711-017-09	0.50	40 ⁰⁰	\$20 ⁰⁰
Project Manager - Report Prep	EnecoTech	711-017-09	0.50	65 ⁰⁰	32 ⁵⁰
Staff Scientist - Data Entry	EnecoTech	711-017-09	0.50	40 ⁰⁰	20 ⁰⁰
Staff Geologist - Report Prep	EnecoTech	711-017-09	2.00	40 ⁰⁰	80 ⁰⁰
Staff Scientist - Map Revisions	EnecoTech	711-017-09	1.00	40 ⁰⁰	40 ⁰⁰
Staff Geologist - Report Prep	EnecoTech	711-017-09	12.75	40 ⁰⁰	510 ⁰⁰
Project Manager - Report Review	EnecoTech	711-017-09	1.50	65 ⁰⁰	97 ⁵⁰
Word Processor - Report Prep	EnecoTech	711-017-09	1.00	35 ⁰⁰	35 ⁰⁰
Staff Scientist - Map Revisions	EnecoTech	711-017-09	4.00	40 ⁰⁰	160 ⁰⁰
Staff Geologist - Report Prep	EnecoTech	711-017-09	10.00	40 ⁰⁰	\$400 ⁰⁰
Word Processor - Report Edits	EnecoTech	711-017-09	0.25	35 ⁰⁰	\$8 ⁷⁵
Word Processor - Report Prep.	EnecoTech	711-017-09	1.50	35 ⁰⁰	\$52 ⁵⁰
Staff Geologist - Report Prep	EnecoTech	711-017-09	8.00	40 ⁰⁰	320 ⁰⁰
Project Manager - Review Report	EnecoTech	711-017-09	3.00	65 ⁰⁰	195 ⁰⁰
Staff Scientist - Revisions <small>Form</small>	EnecoTech	711-017-09	0.25	40 ⁰⁰	10 ⁰⁰
Staff Geologist - Report Prep	EnecoTech	711-017-09	6.00	40 ⁰⁰	240 ⁰⁰
Staff Geologist - Travel time	EnecoTech	711-017-09	0.25	40 ⁰⁰	10 ⁰⁰
TOTAL					\$2296²⁵

PART IV ELIGIBLE COST WORKSHEET - CONSULTANT SERVICES

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- * Duplicate this form if additional sheets 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
Word Processor - Report Prep	EnecoTech Midwest, Inc	711-017-09	0.25	35 ⁰⁰	8 ⁷⁵
Shipping Costs - Roadrunner	EnecoTech	711-017-09	1	30 ⁰⁰	30 ⁰⁰
Travel Costs - mileage	EnecoTech	711-017-09	6	0.40	2.40
Project Manager - Report Submittal Invoice Prep	EnecoTech	711-017-10	0.75	65 ⁰⁰	48 ⁷⁵
Project Manager - Report edit	EnecoTech	711-017-10	1.50	65 ⁰⁰	97 ⁵⁰
Word Processor - Report Prep.	EnecoTech	711-017-10	3.50	35 ⁰⁰	122 ⁵⁰
Staff Scientist - Map Revisions	EnecoTech	711-017-10	1.00	40 ⁰⁰	40 ⁰⁰
Staff Geologist - Report Prep	EnecoTech	711-017-10	2.50	40 ⁰⁰	100 ⁰⁰
Word processor - Report Prep	EnecoTech	711-017-10	1.25	35 ⁰⁰	43 ⁷⁵
Postage	EnecoTech	711-017-10	1	0.16	0.16
Copies	EnecoTech	711-017-10	56	0.10	5.60
Copies	EnecoTech	711-017-10	393	0.10	39.30
Postage	EnecoTech	711-017-10	1	5.98	5.98
Sr. Project Manager - Invoice Prep	EnecoTech	711-017-11	0.25	70 ⁰⁰	17 ⁵⁰
Project Manager - Mtg w/ Client	EnecoTech	711-017-11	0.25	60 ⁰⁰	15 ⁰⁰
Sr. Project Manager - Disc w/ mpc & client	EnecoTech	711-017-11	1.50	70 ⁰⁰	105 ⁰⁰
Sr. Proj. Mngr - Mtg w/ Client	EnecoTech	711-017-11	0.25	70 ⁰⁰	17 ⁵⁰
Sr. Staff Geologist - Sample Coord	EnecoTech	711-017-11	0.75	50 ⁰⁰	37 ⁵⁰
Staff Geologist - Sample Coord	EnecoTech	711-017-11	0.35	42 ⁰⁰	10 ⁵⁰
Admin. Asst. - Misc Admin	EnecoTech	711-017-11	0.25	35 ⁰⁰	8 ⁷⁵
TOTAL					756.44

PART IV ELIGIBLE COST WORKSHEET - CONSULTANT SERVICES

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- * Duplicate this form if additional sheets 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
Copies	EnecoTech Midwest, Inc	711-017-11	35	0. ¹⁰	3. ⁵⁰
Project Manager - Monthly Update	EnecoTech	711-017-12	0.50	60. ⁰⁰	30. ⁰⁰
Staff Geologist - Travel Time	EnecoTech	711-017-12	0.50	42. ⁰⁰	21. ⁰⁰
Staff Geologist - Travel Time	EnecoTech	711-017-12	0.75	42. ⁰⁰	31. ⁵⁰
Staff Geologist - Field Prep	EnecoTech	711-017-12	1.25	42. ⁰⁰	52. ⁵⁰
Staff Geologist - Pack for Field	EnecoTech	711-017-12	0.25	42. ⁰⁰	10. ⁵⁰
Staff Geologist - Sample	EnecoTech	711-017-12	2.25	42. ⁰⁰	94. ⁵⁰
Staff Geologist - Sample	EnecoTech	711-017-12	1.75	42. ⁰⁰	73. ⁵⁰
Staff Geologist - Data Entry	EnecoTech	711-017-12	0.50	42. ⁰⁰	21. ⁰⁰
Sr. Staff Geologist - Data Rev.	EnecoTech	711-017-12	1.50	50. ⁰⁰	75. ⁰⁰
Sr. Staff Geologist - Drafting	EnecoTech	711-017-12	0.50	50. ⁰⁰	25. ⁰⁰
Sr. Staff Geologist - Contract Review	EnecoTech	711-017-12	0.50	50. ⁰⁰	25. ⁰⁰
Sr. Staff Geologist - Report Prep	EnecoTech	711-017-12	3.50	50. ⁰⁰	175. ⁰⁰
Sr. Staff Geologist - Report Prep	EnecoTech	711-017-12	1.00	50. ⁰⁰	50. ⁰⁰
Sr. Staff Geologist - Invoice Prep	EnecoTech	711-017-12	0.50	50. ⁰⁰	25. ⁰⁰
Admin. Asst. - Misc. Admin	EnecoTech	711-017-12	0.25	35. ⁰⁰	8. ⁷⁵
Daily Vehicle Charge	EnecoTech	711-017-12	1.00	35. ⁰⁰	35. ⁰⁰
Vehicle - Mileage charge	EnecoTech	711-017-12	20.00	0. ⁴⁰	8. ⁰⁰
Photo Developing Cost	EnecoTech	711-017-12	1.00	5. ⁰³	5. ⁰³
Equip - O.I./water Probe	EnecoTech	711-017-12	1.00	50. ⁰⁰	50. ⁰⁰
TOTAL					819.⁷⁸

PART IV ELIGIBLE COST WORKSHEET - CONSULTANT SERVICES

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- * Duplicate this form if additional sheets 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
Equip - Vials	EnecoTech Midwest, Inc.	711-017-12	12.00	1.70	20.40
Equip - Latex Gloves	EnecoTech	711-017-12	4.00	0.50	2.00
Equip - Bailers	EnecoTech	711-017-12	4.00	10.00	40.00
Equip - Sars	EnecoTech	711-017-12	4.00	5.00	20.00
Equip - Rope	EnecoTech	711-017-12	165.00	0.50	82.50
Equip - Acid	EnecoTech	711-017-12	1.00	2.00	2.00
Copies	EnecoTech	711-017-12	16.00	0.10	1.60
Postage	EnecoTech	711-017-12	3.50	1	3.50
Senior Staff Scientist - Proj. mtg	EnecoTech	711-017-13	1.00	50.00	50.00
Senior Staff Scientist - Field load.	EnecoTech	711-017-13	0.75	50.00	37.50
Senior Staff Scientist - Data Eval	EnecoTech	711-017-13	2.50	50.00	125.00
Staff Scientist - Data Handling	EnecoTech	711-017-13	0.75	42.00	31.50
Computer Time	EnecoTech	711-017-13	0.50	10.00	5.00
Staff Scientist - Drafting	EnecoTech	711-017-13	0.75	42.00	31.50
Computer Time	EnecoTech	711-017-13	1.00	10.00	10.00
Sr. Staff Scientist - Report Prep	EnecoTech	711-017-13	0.75	50.00	37.50
Sr. Staff Scientist - Report Prep	EnecoTech	711-017-13	0.50	50.00	25.00
Draftsperson - Drafting	EnecoTech	711-017-13	0.50	35.00	17.50
Admin Asst - Misc. Admin	EnecoTech	711-017-13	0.25	35.00	8.75
Freight - Roadrunner	EnecoTech	711-017-13	1.00	5.62	5.62
TOTAL					\$556.92

PART IV ELIGIBLE COST WORKSHEET - CONSULTANT SERVICES

- * Description must be specific as to work performed.
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- * Duplicate this form if additional sheets 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
Copies	EnecoTech Midwest, Inc	711-017-13	41.00	0.10	4.10
Postage	EnecoTech	711-017-13	1.00	0.20	0.20
Sr. Proj Manager - Invoice Prep	EnecoTech	711-017-14	0.25	72.50	18.13
Sr. Proj. Manager - Monthly Update	EnecoTech	711-017-14	0.35	72.50	18.13
Proj. Manager - 1/4'ly Sched	EnecoTech	711-017-14	0.25	65.00	16.25
Proj. Manager - Scheduling	EnecoTech	711-017-14	0.25	65.00	16.25
Staff Geologist - Travel	EnecoTech	711-017-14	0.50	42.50	21.25
Staff Geologist - Field Load	EnecoTech	711-017-14	0.75	42.50	31.88
Proj. Manager - Sample Ship	EnecoTech	711-017-14	0.25	65.00	16.25
Staff Geologist - Sample	EnecoTech	711-017-14	2.25	42.50	95.63
Staff Geologist - File Update	EnecoTech	711-017-14	0.25	42.50	10.63
Staff Scientist - Data Entry	EnecoTech	711-017-14	0.25	42.50	10.63
Proj. Manager - Review Data	EnecoTech	711-017-14	0.25	65.00	16.25
Staff Geologist - Data Review	EnecoTech	711-017-14	0.25	42.50	10.63
Staff Geologist - Data Entry	EnecoTech	711-017-14	0.25	42.50	10.63
Proj. Manager - Data Eval	EnecoTech	711-017-14	1.25	65.00	81.25
Proj. Manager - Invoice Prep	EnecoTech	711-017-14	0.25	65.00	16.25
Word Processor - Letter Prep	EnecoTech	711-017-14	0.50	35.00	17.50
Vehicle - Mileage Charge	EnecoTech	711-017-14	1.00	0.40	0.40
Equip - O.I/Water Probe	EnecoTech	711-017-14	1.00	50.00	50.00
				TOTAL	\$462.24

PART IV ELIGIBLE COST WORKSHEET - CONSULTANT SERVICES

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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
Equip - Vials	EnecoTech Midwest, Inc	711-017-14	12.00	3 ⁰⁰	36 ⁰⁰
Equip - Latex gloves	EnecoTech	711-017-14	5.00	0 ⁵⁰	2 ⁵⁰
Equip - Bailers	EnecoTech	711-017-14	4.00	10 ⁰⁰	40 ⁰⁰
Equip - Sars	EnecoTech	711-017-14	4.00	9 ⁰⁰	36 ⁰⁰
Equip - Rope	EnecoTech	711-017-14	80.00	0 ⁵⁰	40 ⁰⁰
Equip - Acid	EnecoTech	711-017-14	1.00	2 ⁰⁰	2 ⁰⁰
Computer Time (Paradox)	EnecoTech	711-017-14	0.50	10 ⁰⁰	5 ⁰⁰
Freight - Roadrunner	EnecoTech	711-017-14	1.00	20 ⁴⁰	20 ⁴⁰
Project Manager - Proj. Mngmt	EnecoTech	711-017-15	0.25	65 ⁰⁰	16 ²⁵
Sr. Proj Manager - Sched. Sampling	EnecoTech	711-017-15	0.25	72 ⁵⁰	18 ¹³
Proj. Mngt. - Sched. Sampling	EnecoTech	711-017-15	0.25	65 ⁰⁰	16 ²⁵
Proj. Mngt - Field Act. Coord	EnecoTech	711-017-15	0.50	65 ⁰⁰	32 ⁵⁰
Proj. Mngt - Invoice Prep.	EnecoTech	711-017-15	0.75	65 ⁰⁰	48 ⁷⁵
Project Manager - Proj. Update	EnecoTech	711-017-15	0.50	65 ⁰⁰	32 ⁵⁰
Project Manager - Field Coord.	EnecoTech	711-017-16	0.25	65 ⁰⁰	16 ²⁵
Sr. Project Manager - Sampling	EnecoTech	711-017-16	2.50	72 ⁵⁰	181 ²⁵
Staff Geologist - Sampling	EnecoTech	711-017-16	3.00	42 ⁵⁰	127 ⁵⁰
Project Manager - Data Eval.	EnecoTech	711-017-16	1.00	65 ⁰⁰	65 ⁰⁰
Project Manager - File Review	EnecoTech	711-017-16	1.00	65 ⁰⁰	65 ⁰⁰
Project Manager - Invoice Prep.	EnecoTech	711-017-16	0.75	65 ⁰⁰	48 ⁷⁵
TOTAL					850⁰³

PART IV ELIGIBLE COST WORKSHEET - CONSULTANT SERVICES

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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
Equip - Oil/Water Probe	EnecoTech Midwest, Inc	711-017-16	1.00	50.00	50 ⁰⁰
Equip - Disposable Bailers	EnecoTech	711-017-16	4.00	10.00	40 ⁰⁰
Equip - Rope	EnecoTech	711-017-16	50.00	0.50	25 ⁰⁰
Equip - Vials	EnecoTech	711-017-16	16.00	3.00	48 ⁰⁰
Equip - Sample Jars	EnecoTech	711-017-16	4.00	9.00	36 ⁰⁰
Equip - Acid	EnecoTech	711-017-16	1.00	2 ⁰⁰	2 ⁰⁰
Equip - Decon Kit	EnecoTech	711-017-16	1.00	25 ⁰⁰	25 ⁰⁰
Freight - Roadrunner	EnecoTech	711-017-16	1.00	5.10	5.10
Project Manager - Proj. Mngmt	EnecoTech	711-017-17	0.25	65 ⁰⁰	16 ²⁵
Sr. Staff Geologist - Invoice Prep	EnecoTech	711-017-17	0.25	55 ⁰⁰	13 ⁷⁵
Sr. Staff Geologist - Inv. Review	EnecoTech	711-017-17	0.50	55 ⁰⁰	27 ⁵⁰
Sr. Staff Geologist - Data Eval	EnecoTech	711-017-17	0.25	55 ⁰⁰	13 ⁷⁵
Project Manager - Data Eval	EnecoTech	711-017-17	2.00	65 ⁰⁰	130 ⁰⁰
Technician - Water Elevation Maps	EnecoTech	711-017-17	2.25	30 ⁰⁰	67 ⁵⁰
Draftsperson - Data Entry	EnecoTech	711-017-17	4.00	37 ⁵⁰	150 ⁰⁰
Project Manager - Proj. Update	EnecoTech	711-017-17	0.25	65 ⁰⁰	16 ²⁵
Project Manager - Report Prep	EnecoTech	711-017-17	2.00	65 ⁰⁰	130 ⁰⁰
Project Manager - Report Prep	EnecoTech	711-017-17	10.25	65 ⁰⁰	666 ²⁵
Senior Hydrogeologist - Edit Report	EnecoTech	711-017-17	2.50	90 ⁰⁰	225 ⁰⁰
Admin Assistant - Misc. Admin	EnecoTech	711-017-17	0.25	37 ⁵⁰	9 ³⁸
TOTAL					1696 ⁷³

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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. Asst. - Misc. Admin	EnecoTech Midwest, Inc.	711-017-17	0.25	37 ⁰⁰	9.38
Word Processor - Report Prep.	EnecoTech	711-017-17	0.75	35 ⁰⁰	26.25
Copies	EnecoTech	711-017-17	2.00	0. ¹⁰	0.20
Sr. Staff Geologist - Invoice Prep	EnecoTech	711-017-18	0.25	55 ⁰⁰	13.75
Project Manager - Phone Time	EnecoTech	711-017-18	0.25	65 ⁰⁰	16.25
Senior Hydrogeologist - Review Rpt.	EnecoTech	711-017-18	0.25	90 ⁰⁰	22.50
Draftsperson - GW. Contour Maps	EnecoTech	711-017-18	0.25	37 ⁰⁰	9.38
Project Manager - Report Prep	EnecoTech	711-017-18	3.75	65 ⁰⁰	243.75
Admin Assist. - Report Prep	EnecoTech	711-017-18	1.00	35 ⁰⁰	35.00
Proj. Manager - Invoice Prep	EnecoTech	711-017-18	1.00	65 ⁰⁰	65.00
Proj. Manager - Invoice Prep	EnecoTech	711-017-18	0.50	65 ⁰⁰	32.50
Senior Hydrogeologist - Edit Rpt.	EnecoTech	711-017-18	0.25	90 ⁰⁰	22.50
Sr. Staff Geologist - Monthly Update	EnecoTech	711-017-18	0.25	55 ⁰⁰	13.75
Admin Asst. - Misc Admin	EnecoTech	711-017-18	0.25	37 ⁰⁰	9.38
Admin Asst. - Misc Admin	EnecoTech	711-017-18	0.25	37 ⁰⁰	9.38
Project Manager - Scheduling	EnecoTech	711-017-19	0.50	65 ⁰⁰	32.50
Project Manager - Disc. Samp w/ MAA	EnecoTech	711-017-19	0.50	65 ⁰⁰	32.50
Project Manager - Invoice Prep	EnecoTech	711-017-19	0.50	65 ⁰⁰	32.50
Project Manager - Report Prep	EnecoTech	711-017-19	1.75	65 ⁰⁰	113.75
Project Manager - Status Rvw	EnecoTech	711-017-19	0.50	65 ⁰⁰	32.50
				TOTAL	\$772.22

PART IV ELIGIBLE COST WORKSHEET - CONSULTANT SERVICES

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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
Senior Hydrogeologist - Edit ltr.	EnecoTech Midwest, Inc	711-017-19	1.00	90 ⁰⁰	90 ⁰⁰
Admin. Asst. - Misc. Admin	EnecoTech	711-017-19	0.25	37 ⁵⁰	9 ³⁸
Word Processor - Letter Prep	EnecoTech	711-017-19	0.50	35 ⁰⁰	17 ⁵⁰
Word Processor - letter-Prep	EnecoTech	711-017-19	0.25	37 ⁵⁰	9 ³⁸
Copies	EnecoTech	711-017-19	106.00	0. ¹⁰	10 ⁶⁰
Copies	EnecoTech	711-017-19	98.00	0. ¹⁰	9 ⁸⁰
Project Manager - Disc. w/ MPCA	EnecoTech	711-017-20	0.50	65 ⁰⁰	32 ⁵⁰
Project Manager - Disc. w/ MPCA	EnecoTech	711-017-20	0.75	65 ⁰⁰	48 ⁷⁵
Project Manager - Field Coord	EnecoTech	711-017-20	1.50	65 ⁰⁰	97 ⁵⁰
Project Manager - Rev. Docs.	EnecoTech	711-017-20	1.00	65 ⁰⁰	65 ⁰⁰
Project Manager - Proj Update	EnecoTech	711-017-20	0.50	65 ⁰⁰	32 ⁵⁰
Project Manager - Invoice Prep	EnecoTech	711-017-20	0.25	65 ⁰⁰	16 ²⁵
Senior Hydrogeologist - letter-Review	EnecoTech	711-017-20	0.25	90 ⁰⁰	22 ⁵⁰
Admin. Asst. - Misc. Admin	EnecoTech	711-017-20	0.25	37 ⁵⁰	9. ⁵⁸
Postage	EnecoTech	711-017-20	1.00	0. ²⁹	0. ²⁹
Postage	EnecoTech	711-017-20	1.00	2. ⁵⁸	2. ⁵⁸
Copies	EnecoTech	711-017-20	16.00	0. ¹⁰	1 ⁶⁰
Phone	EnecoTech	711-017-20	1.00	0. ⁵⁹	0. ⁵⁹
Proj. Manager - Disc w/ MPCA	EnecoTech	711-017-21	0.75	65 ⁰⁰	48 ⁷⁵
Proj. Manager - Status Review	EnecoTech	711-017-21	0.50	65 ⁰⁰	32 ⁵⁰
TOTAL					\$557³⁵

PART IV ELIGIBLE COST WORKSHEET - CONSULTANT SERVICES

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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
Proj. Manager - Cond Well Aband	Enecotech Midwest, Inc.	711-017-21	1.00	65 ⁰⁰	65 ⁰⁰
Proj. Manager - Proj. Update	Enecotech	711-017-21	0.50	65 ⁰⁰	32 ⁵⁰
Proj. Manager - Proj. Update	Enecotech	711-017-21	0.25	65 ⁰⁰	16 ²⁵
Admin Asst. - Misc. Admin	Enecotech	711-017-21	0.25	37 ⁵⁰	9 ³⁸
Senior Hydrogeologist - Retrieval	Enecotech	711-017-21	0.25	90 ⁰⁰	22 ⁵⁰
Copies	Enecotech	711-017-21	6.00	0. ¹⁰	0. ⁶⁰
TOTAL					146. ⁸³

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.
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K. MARK-UP

Description	Firm Name	General Contractor Invoice #	Sub-Contractor Invoice #	Mark Up %	Sub-Total
Enecotech's Handling Charge for Lab Services	EnecoTech	711-017-09	012951	12%	\$227.52
Handling Charge for Lab Services	EnecoTech	711-017-09	012993	12%	\$149.76
Handling Charge for Drilling Services	EnecoTech	711-017-09	1773	12%	\$1016.16
Handling Charge for Courier Service	EnecoTech	711-017-09	70993	12%	\$3.60
Handling Charge for Lab Services	EnecoTech	711-017-13	015465	12%	\$103.68
Handling Charge for Courier Lab Service	EnecoTech	711-017-14	015915	12%	\$104.64
Handling Charge for Lab Services	EnecoTech	711-017-17	60330	12%	\$104.11
Handling Charge for Drilling Service	EnecoTech	711-017-21	00583	12%	\$88.08
TOTAL					\$1,797.55

L. OTHER CONSULTANT SERVICES (specify)

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