

BEFORE THE POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS

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CLERK'S OFFICE

AUG 26 2004

STATE OF ILLINOIS
Pollution Control Board

BUNKER HILL AMOCO,)	
)	
Petitioner,)	
)	
v.)	PCB 05- <u>36</u>
)	(UST Appeal)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
)	
Respondent.)	

NOTICE OF FILING

TO: John Kim
Special Assistant Attorney General
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

PLEASE TAKE NOTICE that on August 26, 2004, filed with the Clerk of the Illinois Pollution Control Board of the State of Illinois an original, executed copy of a Petition for Review of Illinois Environmental Protection Agency Decision and Motion for Expedited Review of Illinois Environmental Protection Agency Decision.

Dated: August 26, 2004

Respectfully submitted,

Bunker Hill Amoco
By: Carolyn S. Hesse
One of Its Attorneys


Carolyn S. Hesse
Barnes & Thornburg LLP
One North Wacker Drive
Suite 4400
Chicago, Illinois 60606
(312) 357-1313
233449v1

CERTIFICATE OF SERVICE

I, on oath state that I have served the attached Petition for Review of Illinois Environmental Protection Agency Decision and Motion for Expedited Review of Illinois Environmental Protection Agency Decision by placing a copy in an envelope addressed to:

John Kim
Special Assistant Attorney General
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

from One North Wacker Drive, Suite 4400, Chicago, Illinois, before the hour of 5:00 p.m., on this 26th Day of August, 2004.



Carolyn S. Hesse

BEFORE THE POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS

AUG 26 2004

STATE OF ILLINOIS
Pollution Control Board

BUNKER HILL AMOCO,)	
)	
Petitioner,)	
)	
v.)	PCB No. 05- 36
)	
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
)	
Respondent.)	

**MOTION FOR EXPEDITED REVIEW OF ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY DECISION**

Bunker Hill Amoco ("Bunker Hill"), by its attorney, Carolyn S. Hesse of Barnes & Thornburg, pursuant to the Illinois Environmental Protection Act and the procedural rules of the Illinois Pollution Control Board at 35 Illinois Administrative Code Section 101.512 hereby moves for expedited review of a decision by the Environmental Protection Agency (the "Agency"). In support of this motion, Petitioner states as follows:

1. Bunker Hill Amoco ("Petitioner"), on the same date that this motion was filed, filed a Petition to the Illinois Pollution Control Board to appeal an Agency decision dated July 23, 2004, denying a High Priority Corrective Action Plan Budget that was submitted to the Agency. The Agency had approved the work to be performed in the amended High Priority Corrective Action Work Plan.
2. The Agency's letter denying the Budget provided as a reason for denying the Budget that costs exceeded the Agency's "statewide observations." (See Exhibit 1.) The Agency is using its "statewide observations" as a rule and, because the "statewide observations" have not been properly

promulgated as a rule pursuant to the Illinois Administrative Procedures Act (5 ILCS 100/1 *et. seq.*, (2002)), the “statewide observations” are an invalid rule. *See Illinois Ayers Oil Company v. IEPA*, PCB 03-214 (April 1, 2004) where the Board found that the Agency’s use of a rate sheet was an invalid rule.

3. In addition, the Agency recently has begun to require cost comparisons for various costs. These cost comparisons were first proposed to the Board in the rulemaking proceeding to amend the underground storage tank regulations, R04-22 and R04-23, on August 2, 2004, after IEPA began requiring cost comparisons. The requirement for a cost comparison is an invalid rule. (*See Ayers.*)
4. Further, the Agency, on April 19, 2004, proposed to the Board emergency rules to use because the Agency claimed it could no longer use its rates sheets. The proposed emergency rules were identical to the rules the Agency initially proposed in R04-22 and R04-23, and numerous stakeholders, including CW³M, Bunker Hill Amoco’s consultant, objected to the proposed emergency rules. Subsequently, amended emergency rules were proposed. On June 3, 2004, the Board denied the Agency’s Motion for the Adoption of Emergency Rules and stated:

Prior to the Agency’s use of the rate sheet, the Agency processed reimbursement and budget requests and the UST Fund survived. *See e.g., Platolene 500, Inc. v. IEPA*, PCB 92-9 (May 7, 1992); *Kathe’s Auto Service Center v. IEPA*, PCB 96-102 (Aug. 1, 1996); *Riverview F.S. v. IEPA*, PCB 99-227 (May 3, 2001); *Rantoul Township High School Dist. No. 193 v. IEPA*, PCB 03-42 (Apr. 17, 2003); and *Riverview FS, Inc. v. IEPA*, PCB 97-226 (May 3, 2001). Thus, the concerns about consistency and slowing

depletion of the fund may be legitimate concerns, but do not constitute a *threat* to the public interest, safety or welfare.

5. Numerous hearings have been held in R04-22 and R04-23 during which testimony against some of the proposed rules has been presented.
6. Even so, the Agency is trying to use the proposed rules and requirements even before proposing them to the Board and to use other invalid rules to make final decisions.
7. Petitioner is requesting an expedited hearing in this matter because the Agency is continuing to use invalid rules to make decisions and requiring that additional procedures be followed without providing any advanced notice of such requirements, all of which result in material prejudice to petitioner.
8. The Agency's illegal actions are damaging Petitioner because the Agency has refused to approve the Petitioner's Budget as submitted and continues to request additional information, even though the Agency has approved similar budgets with similar documentation,, historically.

WHEREFORE, Bunker Hill Amoco respectfully requests that the Board provide for an expedited review of Bunker Hill's Petition appealing the Agency decision and order the Agency to cease using invalid rules and to reimburse Bunker Hill Amoco for its attorneys' fees in this matter.

Respectfully submitted,

Bunker Hill Amoco

By: Carolyn S. Hesse
One of Its Attorneys

Carolyn S. Hesse, Esq.
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STATE OF ILLINOIS
Pollution Control Board

BUNKER HILL AMOCO,)
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Petitioner,)
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v.) PCB No. 05- 36
)
)
ILLINOIS ENVIRONMENTAL)
PROTECTION AGENCY,)
)
Respondent.)

PETITION FOR REVIEW OF ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY DECISION

Bunker Hill Amoco ("Bunker Hill"), by its attorney, Carolyn S. Hesse of Barnes & Thornburg, pursuant to the Illinois Environmental Protection Act, 415 ILCS 5/1 *et. seq.* (the "Act") and 35 Illinois Administrative Code Section 105.400 *et. seq.*, hereby appeals certain decisions by the Illinois Environmental Protection Agency (the "Agency").

1. Bunker Hill Amoco ("Petitioner"), is the owner of a gasoline service station located at 206 South Washington Street, Bunker Hill, Macoupin County, Illinois (the "Station"). This gasoline service station had underground storage tanks (UST's) on the property, which stored gasoline and diesel fuel.
2. LUST Incident Number 982437 was obtained following a site investigation. The site has also been assigned LPC #1170105009-Macoupin County.
3. On May 17, 2004, Bunker Hill Amoco sent to the Agency an amendment to the High Priority Corrective Action Plan and High Priority Corrective Action Plan Budget to perform corrective action at the Station. (*See*

Exhibits 1, 1-A and 1-B, respectively.) The Agency received these documents on May 19, 2004. The Budget included signed certifications to the effect that the submitted Budget complied with the Environmental Protection Act. (See Exhibit 1-B, 2nd page.)

4. On July 23, 2004, the Agency sent a letter to Petitioner approving the amendment to the High Priority Corrective Action Plan and rejecting the High Priority Corrective Action Plan Budget (the "Budget"). The letter listed additional information required by the Agency. (See Exhibit 2.)
5. Bunker Hill Amoco appeals the Agency's denial of the Budget as set forth in the Agency's July 23, 2004, letter (the "Letter").
6. The Letter, among other things, states that "the owner or operator has not provided documentation (justification) for the number of personnel and the number of personnel hours required to complete the corrective action." (See Exhibit 2, Attachment A, point 1, 3rd paragraph.) However, the Budget does document the number of personnel and hours and the Agency has accepted this same level of detail historically. (See Exhibit 1-B.)
7. The Letter also states:

The owner or operator shall also provide documentation for the excavation, transportation, disposal and backfill costs. These costs differ greatly from the Illinois EPA's statewide observations.

(See Exhibit 2, Attachment A, point 1, 4th paragraph).
8. The Budget provides these costs and gives the same level of detail for these costs that the Agency has approved historically.
9. Historically, the Agency has approved similar costs in other budgets.

10. The Agency is using its “statewide observations” as a rule to make final decisions.
11. The Agency’s “statewide observations” are an invalid rule because it has not met any of the requirements of the Administrative Procedures Act, 5 ILCS 100/1 *et seq.* (2002) (the “APA”). *See Illinois Ayers Oil Co. v. IEPA*, PCB 03-214 (April 1, 2004). In fact, the Agency has not even disclosed what its “statewide observations” are. See Letter dated August 3, 2004, requesting a copy of all records regarding “Illinois EPA’s statewide observations” and IEPA’s response dated August 13, 2004. (*See Exhibits 3 and 4, respectively.*)
12. The Letter also states:

The owners or operator shall compare the costs for different backfill materials and different suppliers.

(*See Exhibit 2, Attachment A, point 1, 4th paragraph.*)
13. The requirement to “compare the costs for different backfill materials and different suppliers” is not in any of the Agency’s current rules or guidance documents. However it is contained in rules the Agency proposed to the Board on August 2, 2004, after the Agency issued the Letter.
14. The Agency’s requirement for a cost comparison was used by the Agency to make a final decision and because this requirement has not been promulgated as a rule through a rulemaking proceeding in compliance with the APA, this requirement is an invalid rule. (*See Ayers.*)

15. The Agency's letter provides no additional information regarding why IEPA disapproved the Budget while it approved the work to be done in the amended High Priority Corrective Action Plan.

WHEREFORE, Bunker Hill Amoco respectfully requests that the Board enter an order requiring the Agency to approve the High Priority Corrective Action Plan Budget to allow Bunker Hill Amoco to cover the costs of the cleanup at this facility and for Bunker Hill Amoco's attorneys' fees and costs in bringing this appeal.

Respectfully submitted,

Bunker Hill Amoco

By: Carolyn S. Hesse
One of Its Attorneys

Carolyn S. Hesse, Esq.
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CW³M Company

701 W. South Grand Avenue
Springfield, IL 62704

Environmental Consulting Services

Phone: (217) 522-8001
Fax: (217) 522-8009

May 17, 2004

Mr. Trent L. Benanti, Project Manager
LUST Section, Bureau of Land
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

**RE: LPC# 1170105009—Macoupin County
Bunker Hill/Bunker Hill Amoco
206 South Washington
Incident Number: 98-2437
LUST Technical File—Corrective Action Plan Addendum and Budget Amendment**

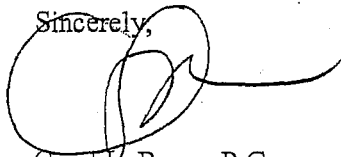
Dear Mr. Benanti:

CW³M Company, Inc., on behalf of Mr. Wayne Heal, is submitting this Corrective Action Plan Addendum and Budget Amendment. The approved soil excavation portion of the Corrective Action Plan has been completed. However, the soil sampling which was conducted during the excavation indicated that additional excavation was required. Therefore, an additional 171 cubic yards of soil required removal.

Attached, please find a completed excavation and sample location map. Sample WWALL1 was above remediation objectives during excavation and therefore the excavation was extended in that area. Also attached, please find a budget amendment for the extra soil removal, backfill, and sampling. Additionally, since the time when the CAP was submitted the Bureau of Water has instituted a \$6,000 fee for discharge permits and that fee is included in the budget.

Once one year of groundwater remediation activities have been completed, a progress report completely detailing all remediation progress to date will be submitted. Thank you in advance for your assistance. However, should you have any questions or require additional information, please contact Mr. Jeff Wienhoff or me at (217) 522-8001.

Sincerely,

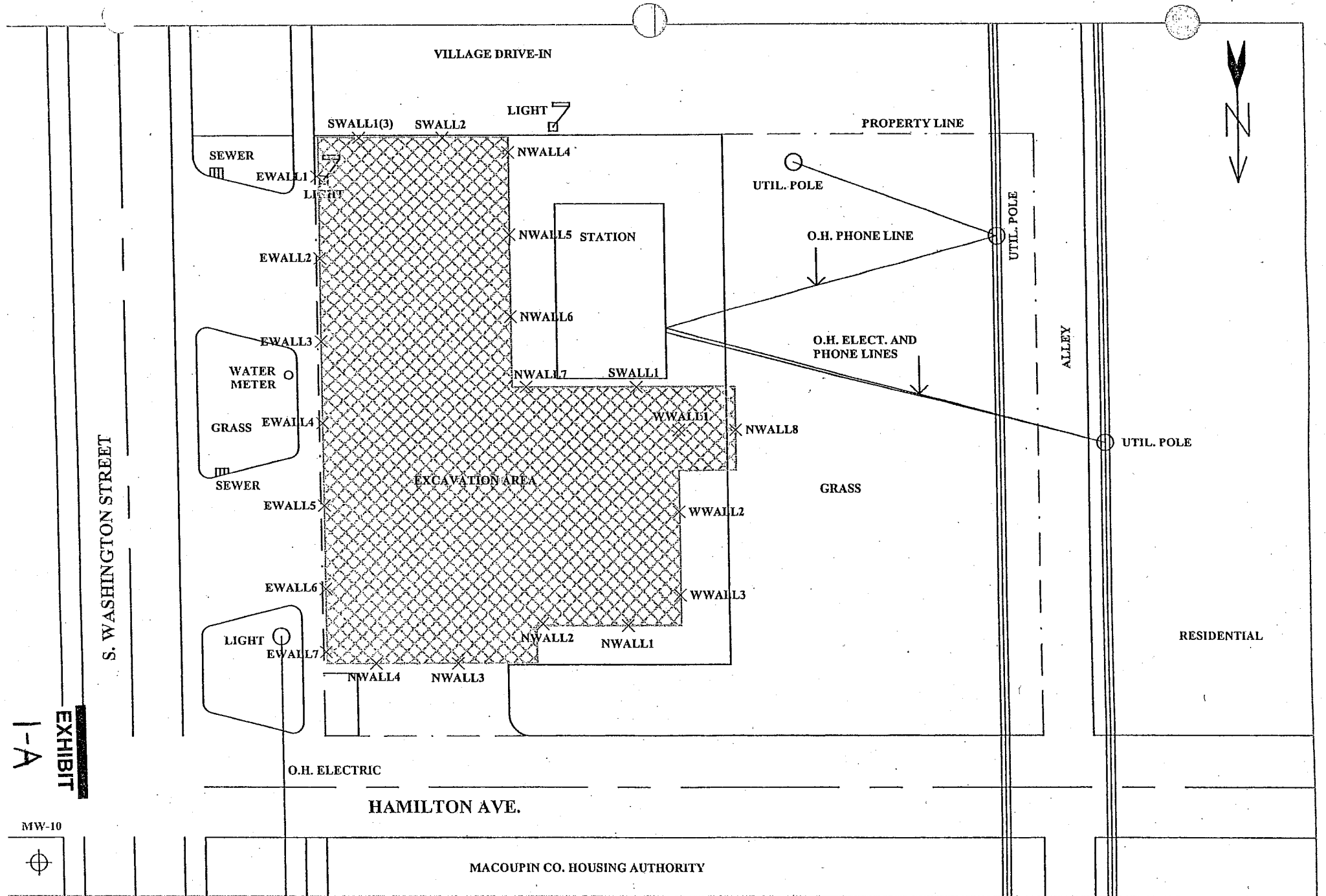


Carol L. Rowe, P.G.
Senior Environmental Geologist

xc: Mr. Wayne Heal, *Larcher B. Heal Estate*
Mr. William Sinnott, *CW³M Company, Inc. (w/o attachment)*

EXHIBIT

tabbies



I-A
EXHIBIT

MW-10



CW3M COMPANY, INC.
701 W. SOUTH GRAND
SPRINGFIELD, IL. 62704
(217) 522-8001

BUNKER HILL AMOCO
BUNKER HILL, IL
INCIDENT #98-2437
MACOUPIN COUNTY

SAMPLE LOCATION
MAP

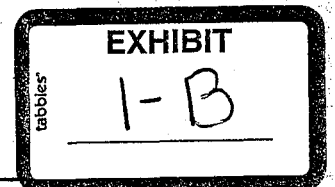
SCALE: 1"=30'
DATE: 4/9/04
REVISED DATE:
DRAWING: 0014

DRAWN BY: MAB
REVISED BY:
REVIEWED BY: CLR
SAMPLOC.DWG

ATTACHMENT

**CORRECTIVE ACTION PLAN & BUDGET
AMENDMENT**

**BUNKER HILL AMOCO
BUNKER HILL, ILLINOIS**



Illinois Environmental Protection Agency

Owner/Operator and Professional Engineer Budget Certification Form for Leaking Underground Storage Tanks Sites

In accordance with 415 ILCS 5/57, if an owner or operator intends to seek payment from the UST Fund, an owner or operator must submit to the Agency, for the Agency's approval or modification, a budget which includes an accounting of all costs associated with the implementation of the investigative, monitoring and/or corrective action plans.

I hereby certify that I intend to seek payment from the UST Fund for performing Corrective Action activities at Bunker Hill Amoco LUST site. I further certify that the costs set forth in this budget are necessary activities and are reasonable and accurate to the best of my knowledge and belief. I also certify that the costs included in this budget are not for corrective action in excess of the minimum requirements of 415 ILCS 5/57 and no costs are included in this budget which are not described in the corrective action plan. I further certify that costs ineligible for payment from the Fund pursuant to 35 Illinois Administrative Code Section 732.606 are not included in the budget proposal or amendment. Such ineligible costs include but are not limited to:

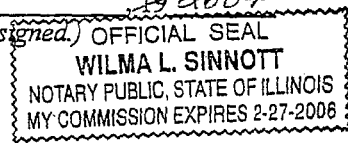
- Costs associated with ineligible tanks.
- Costs associated with site restoration (e.g., pump islands, canopies).
- Costs associated with utility replacement (e.g., sewers, electrical, telephone, etc.).
- Costs incurred prior to IEMA notification.
- Costs associated with planned tank pulls.
- Legal defense costs.
- Costs incurred prior to July 28, 1989.
- Costs associated with installation of new USTs or the repair of existing USTs.

Owner/Operator: Wayne Heal Title: Owner

Signature: Wayne Heal Date: 5/4/04

Subscribed and sworn to before me the 4th day of May, 2004
(Budget Proposals and Budget Amendments must be notarized when the certification is signed.)

Wilma L. Sinnott Seal:
(Notary Public)

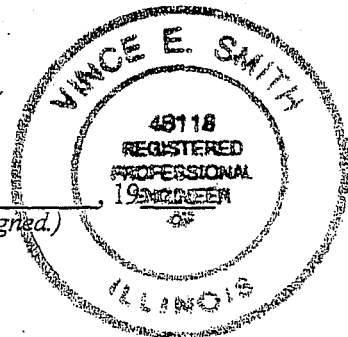


P.E.: Vince E. Smith

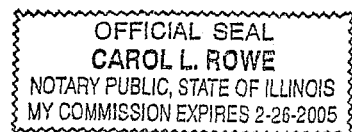
P.E. Signature: V. E. Smith Date: 5/13/04

Subscribed and sworn to before me the 13th day of May,
(Budget Proposals and Budget Amendments must be notarized when the certification is signed.)

[Signature] Seal:
(Notary Public)



The Agency is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.



**BUDGET AND BILLING FORM FOR
LEAKING UNDERGROUND STORAGE
TANK SITES**

A. SITE INFORMATION

Site Name: Bunker Hill Amoco

Site Address: 206 South Washington City: Bunker Hill

Zip: 62014

County: Macoupin IEPA Generator No.: 1170105009

IEMA Incident No.: 98-2437 IEMA Notification Date: 10/1/98

Date this Form was Prepared: May 12, 2004

This form is being submitted as a:

- Budget Proposal
- Budget Amendment (Budget Amendments must include only the costs over the previous budget.)
- Amendment Number: 2
- Billing Package for costs incurred pursuant to 35 Illinois Administrative Code (IAC), Part 732 ("New program").

This form is being submitted for the Site Activities indicated below (check one):

- Early Action
- Site Investigation Corrective Action
- Other (indicate activities) _____

DO NOT SUBMIT "NEW PROGRAM" COSTS AND "OLD PROGRAM"
COSTS AT THE SAME TIME, ON THE SAME FORMS.

If eligible for reimbursement where should reimbursement checks be sent? Please note that only owners or operators of USTs may be eligible for reimbursement. Therefore, payment can only be made to an owner or operator.

Pay to the order of: Wayne Heal

Send in care of: CW³M Company, Inc.

Address: P.O. Box 571

City: Carlinville State: Illinois Zip: 62626

Number of Petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary parent or joint stock company of the owner or operator, and any company owned by any parent, subsidiary joint stock company of the owner or operator:

Fewer than 101: X 101 or more: _____

Number USTs at the site: 5 (Number of USTs includes USTs presently at the site and USTs that have been removed.)

Number of incidents reported to IEMA 1

Incident Numbers assigned to the site due to releases from USTs: 98-2437

Please list all tanks which have ever been located at the site and are presently located at the site.

Product Stored	Size (gallons)	Did UST have a release?	Incident No.	Type of Release
<u>Gasoline</u>	<u>4,000</u>	Yes <u>No</u>	_____	_____
<u>Gasoline</u>	<u>6,000</u>	<u>Yes</u> No	<u>98-2437</u>	<u>Tank/significant</u>
<u>Gasoline</u>	<u>6,000</u>	Yes <u>No</u>	_____	_____
<u>Heating Oil</u>	<u>550</u>	<u>Yes</u> No	<u>98-2437</u>	<u>Tank/minor</u>
<u>Used Oil</u>	<u>550</u>	Yes <u>No</u>	_____	_____
_____	_____	Yes No	_____	_____
_____	_____	Yes No	_____	_____
_____	_____	Yes No	_____	_____
_____	_____	Yes No	_____	_____
_____	_____	Yes No	_____	_____

B. PROPOSED BUDGET SUMMARY AND BUDGET TOTAL

1. Investigation Costs:	\$	<u>-</u>
2. Analysis Costs:	\$	<u>75.00</u>
3. Personnel Costs:	\$	<u>7,860.00</u>
4. Equipment Costs:	\$	<u>125.00</u>
5. Field Purchases and Other Costs:	\$	<u>31,673.09</u>
6. Handling Charges:	\$	<u>2,900.74</u>

TOTAL PROPOSED BUDGET = \$ 42,633.83

E. INVESTIGATION COSTS

1. **Drilling Costs** - This includes the costs for drilling labor, drill rig usage, and other drilling equipment. Borings which are to be completed as monitoring wells should be listed here. Costs associated with disposal of cuttings should not be included here. An indication must be made as to why each boring is being conducted (I.e., classification, monitoring wells, migration pathways).

_____ borings to 10 feet = _____ feet to be bored for Soil Borings
 _____ borings to 15 feet = _____ feet to be bored for Monitoring Wells
 _____ borings to 15 feet = _____ feet to be bored for Inoculation Wells
 _____ borings to 10 feet = _____ feet to be bored for Bio-Monitoring
 _____ borings to 25 feet = _____ feet to be bored for Replacement MW

Total Feet to be Bored: _____

Borings: _____ feet x \$ 24.00 per foot = \$ _____ (or)

Hours _____ x \$ _____ per hour = \$ _____

_____ borings through _____ ft of bedrock = _____ Ft bedrock to be bored
 _____ borings through _____ ft of bedrock = _____ Ft bedrock to be bored

Total Feet bedrock to be Bored: _____

Borings: _____ Ft bedrock x \$ _____ per ft bedrock = \$ _____ (or)

_____ Hours x \$ _____ per Hour = \$ _____

_____ - Mobilizations @ \$ 260.00 per mobilization = \$ _____

Other Costs	Number of Units	Unit Cost	Total Cost
Concrete Cores	-	\$ 50.00	\$ -
Monitoring Well Abandonment	-	\$ 250.00	\$ -
Decontamination	-	\$ 125.00	\$ -
			\$ -
			\$ -

2. **Professional Services** (eg., P.E., geologist) - These costs must be listed in Section I, the Personnel section of the forms.

3. Monitoring Well Installation Materials - Costs listed must be costs associated with well casing, well screens, filter pack, annular seal, surface seal, well covers, etc. List the items below in a time and materials format.

Material	Number of Units	Unit Cost	Total Cost
2" - 10-foot well screen (MW)	-	\$ 50.00	\$ -
2" - 5-foot PVC Riser (MW)	-	\$ 50.00	\$ -
2" - 15-foot PVC Riser (MW)	-	\$ 80.00	\$ -
2" Bottom Caps (MW)	-	\$ 10.00	\$ -
2" Expandable Locking Caps (MW)	-	\$ 20.00	\$ -
Flush Mount Manway	-	\$ 50.00	\$ -
Sand Filter Pack (6 per well)	-	\$ 60.00	\$ -
Bentonite Chips (annular seal)	-	\$ 20.00	\$ -
Concrete (surface seal)	-	\$ 10.00	\$ -
Well Locks	-	\$ 8.00	\$ -
4" - 5-foot well screen (Bio)	-	\$ 60.00	\$ -
4" - 10-foot well screen (Bio)	-	\$ 90.00	\$ -
4" - 5-foot PVC Riser (Bio)	-	\$ 60.00	\$ -
4" Bottom Caps (Bio)	-	\$ 20.00	\$ -
4" Expandable Locking Caps (Bio)	-	\$ 30.00	\$ -
		Total	\$ -

4. Disposal Costs - This includes the costs for disposing of boring cuttings and any water generated while performing borings or installatin wells.

Disposal of Cuttings: _____ drums x \$ 200.00 per drum = \$ _____

Disposal of Water: _____ gallons x \$ 2.00 per gallon = \$ _____

Transportation Costs: \$ _____

Describe how the water/soil will be disposed: _____

TOTAL INVESTIGATION COSTS \$ _____

F. ANALYSIS COSTS

1. Physical Soil Analysis - This must only include analysis costs for classification of soil types at the

_____ Moisture Content samples x \$ 5.00 per sample = \$ -

_____ Soil Classification samples x _____ per sample = \$ -

Indicate method to be performed: _____

_____ Soil Particle Size samples x \$ 135.00 per sample = \$ -

_____ Ex-situ Hydraulic Conductivity/Permeability samples
 x \$ 300.00 per sample = \$ -

Indicate method to be performed: _____

_____ Rock Hydraulic Conductivity/Permeability samples
 x _____ per sample = \$ -

_____ Natural Organic Carbon Fraction (foc) samples
 x _____ per sample = \$ -

Indicate the ASTM or SW-846 method to be performed: _____

_____ samples x _____ per sample = \$ -

_____ samples x _____ per sample = \$ -

_____ samples x _____ per sample = \$ -

_____ samples x _____ per sample = \$ -

_____ samples x _____ per sample = \$ -

2. Soil Analysis Costs - This must be for laboratory analysis only.

_____ 1 BETX/MTBE samples x \$ 75.00 per sample = \$ 75.00

_____ PNA samples x \$ 175.00 per sample = \$ -

_____ Total Metal samples x \$ 25.00 per sample = \$ -

<u> </u> pH Samples x	<u> </u> \$	<u> </u> 15.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Paint Filter samples x	<u> </u> \$	<u> </u> 20.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> TCLP @ samples x	<u> </u> \$	<u> </u> 85.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Flash Point samples x	<u> </u> \$	<u> </u> 30.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Lab and/or Field Bank samples x			per sample =	<u> </u> \$	<u> </u> -
<u> </u> BETX/Waste Charac. samples x	<u> </u> \$	<u> </u> 75.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> LUST Appendix B samples x	<u> </u> \$	<u> </u> 900.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Soil - BETX/Nut./Bac. samples x	<u> </u> \$	<u> </u> 210.00	per sample =	<u> </u> \$	<u> </u> -
Microbial Degradation					
<u> </u> Study/(Soil & GW) samples x	<u> </u> \$	<u> </u> 3,500.00	per sample =	<u> </u> \$	<u> </u> -

3. Groundwater Analysis Costs - This must be for laboratory analysis only.

<u> </u> BETX/MTBE samples	<u> </u> \$	<u> </u> 75.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> PNA samples x	<u> </u> \$	<u> </u> 175.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Total Lead samples x	<u> </u> \$	<u> </u> 25.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> pH Samples x	<u> </u> \$	<u> </u> 15.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Field Blank samples x			per sample =	<u> </u> \$	<u> </u> -
<u> </u> Flash Point samples x	<u> </u> \$	<u> </u> 30.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> BETX/Waste Charac. samples x	<u> </u> \$	<u> </u> 75.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> GW - Nut., Bact., pH samples x	<u> </u> \$	<u> </u> 135.00	per sample =	<u> </u> \$	<u> </u> -
<u> </u> samples x			per sample =	<u> </u> \$	<u> </u> -
<u> </u> samples x			per sample =	<u> </u> \$	<u> </u> -
<u> </u> samples x			per sample =	<u> </u> \$	<u> </u> -
<u> </u> samples x			per sample =	<u> </u> \$	<u> </u> -

TOTAL ANALYSIS COSTS: \$ 75.00

G. PERSONNEL

All personnel costs that are not included elsewhere in the budget/billing form must be listed here. Costs be listed per task, not personnel type. The following are some examples of tasks: Drafting, data collection, plan, report, or budget preparation for HPCAB (i.e., site classification work plan, 45 day report, or 1 priority corrective action budget), sampling, field oversight of CA (i.e., drilling/well installation corrective action, or early action) of maintenance of BH Amoc. The above list is not inclusive of all possible tasks.

Environmental Engineer 0 hours x \$ 100.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Site Investigation/MW Replacement

Senior Env. Geologist 0 hours x \$ 92.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Site Investigation/MW Replacement

General Project Manager 0 hours x \$ 100.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Site Investigation/MW Replacement

Env. Project Geologist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Site Investigation/MW Replacement

Env. Project Scientist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Site Investigation/MW Replacement

Engineering Technician 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Site Investigation/MW Replacement

Draftsman 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Site Investigation/MW Replacement

Administrative Assistant 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Site Investigation/MW Replacement

<u>Environmental Engineer</u> (Title)	<u>12</u> hours x <u>\$ 100.00</u> per hour = <u>\$ 1,200.00</u>
Task to be performed for the above hours:	<u>Excavation Activities</u>
<u>General Project Manager</u> (Title)	<u>0</u> hours x <u>\$ 100.00</u> per hour = <u>\$ -</u>
Task to be performed for the above hours:	<u>Excavation Activities</u>
<u>Engineering Technican</u> (Title)	<u>12</u> hours x <u>\$ 55.00</u> per hour = <u>\$ 660.00</u>
Task to be performed for the above hours:	<u>Excavation Activities</u>
<u>Laborer</u> (Title)	<u>0</u> hours x <u>\$ 40.00</u> per hour = <u>\$ -</u>
Task to be performed for the above hours:	<u>Excavation Activities</u>
<u>Administrative Assistant</u> (Title)	<u>0</u> hours x <u>\$ 55.00</u> per hour = <u>\$ -</u>
Task to be performed for the above hours:	<u>Excavation Activities</u>
<u>Field Supervisor/Coordinator</u> (Title)	<u>12</u> hours x <u>\$ 110.00</u> per hour = <u>\$ 1,320.00</u>
Task to be performed for the above hours:	<u>Excavation Activities</u>
<u>Construction Foreman</u> (Title)	<u>0</u> hours x <u>\$ 65.00</u> per hour = <u>\$ -</u>
Task to be performed for the above hours:	<u>Excavation Activities</u>
<u>Environmental Engineer</u> (Title)	<u>12</u> hours x <u>\$ 100.00</u> per hour = <u>\$ 1,200.00</u>
Task to be performed for the above hours:	<u>Backfill Activities</u>
<u>General Project Manager</u> (Title)	<u>0</u> hours x <u>\$ 100.00</u> per hour = <u>\$ -</u>
Task to be performed for the above hours:	<u>Backfill Activities</u>
<u>Engineering Technican</u> (Title)	<u>12</u> hours x <u>\$ 55.00</u> per hour = <u>\$ 660.00</u>
Task to be performed for the above hours:	<u>Backfill Activities</u>

G-1.1

This form must be submitted in duplicate.

<u>Laborer</u>	<u>0</u> hours x <u>\$ 40.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>Backfill Activities</u>
<u>Administrative Assistant</u>	<u>0</u> hours x <u>\$ 55.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>Backfill Activities</u>
<u>Field Supervisor/Coordinator</u>	<u>12</u> hours x <u>\$ 110.00</u> per hour = <u>\$ 1,320.00</u>
(Title)	
Task to be performed for the above hours:	<u>Backfill Activities</u>
<u>Construction Foreman</u>	<u>0</u> hours x <u>\$ 65.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>Backfill Activities</u>
<u>Environmental Engineer</u>	<u>0</u> hours x <u>\$ 100.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>GWTU APC Permit Development</u>
<u>Sr. Env. Engineer</u>	<u>0</u> hours x <u>\$ 115.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>GWTU APC Permit Development</u>
<u>Sr. Env. Geologist</u>	<u>0</u> hours x <u>\$ 92.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>GWTU APC Permit Development</u>
<u>Draftsman</u>	<u>0</u> hours x <u>\$ 55.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>GWTU APC Permit Development</u>
<u>Administrative Assistant</u>	<u>0</u> hours x <u>\$ 55.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>GWTU APC Permit Development</u>
<u>Tech Editor</u>	<u>0</u> hours x <u>\$ 55.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>GWTU APC Permit Development</u>

G-1.2

This form must be submitted in duplicate.

<u>Environmental Engineer</u> (Title)	0 hours x	<u>\$ 100.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU WPC Permit Development</u>			
<u>Sr. Env. Engineer</u> (Title)	0 hours x	<u>\$ 115.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU WPC Permit Development</u>			
<u>Sr. Env. Geologist</u> (Title)	0 hours x	<u>\$ 92.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU WPC Permit Development</u>			
<u>Draftsman</u> (Title)	0 hours x	<u>\$ 55.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU WPC Permit Development</u>			
<u>Administrative Assistant</u> (Title)	0 hours x	<u>\$ 55.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU WPC Permit Development</u>			
<u>Tech Editor</u> (Title)	0 hours x	<u>\$ 55.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU WPC Permit Development</u>			
<u>Environmental Engineer</u> (Title)	0 hours x	<u>\$ 100.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU Installation</u>			
<u>Engineering Technician</u> (Title)	0 hours x	<u>\$ 55.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU Installation</u>			
<u>Laborer</u> (Title)	0 hours x	<u>\$ 40.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU Installation</u>			
<u>Field Supervisor/Coordinator</u> (Title)	0 hours x	<u>\$ 110.00</u>	per hour =	<u>\$ -</u>
Task to be performed for the above hours:	<u>GWTU Installation</u>			

G-1.3

This form must be submitted in duplicate.

Senior Env. Geologist 0 hours x \$ 92.00 per hour = \$ -
(Title)

Task to be performed for the above hours: GWTU Operating and sampling/Quarterly monitor

Engineering Technican 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: GWTU Operating and sampling/Quarterly monitor

Wastewater Trtmt. Operator 0 hours x \$ 100.00 per hour = \$ -
(Title)

Task to be performed for the above hours: GWTU Operating and sampling/Quarterly monitor

Senior Env. Engineer 0 hours x \$ 115.00 per hour = \$ -
(Title)

Task to be performed for the above hours: GWTU Closure and Demobilization

Senior Env. Geologist 0 hours x \$ 92.00 per hour = \$ -
(Title)

Task to be performed for the above hours: GWTU Closure and Demobilization

Engineering Technican 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: GWTU Closure and Demobilization

Environmental Engineer 0 hours x \$ 100.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Bio/Pilot/Inoculations/Batch Prep./Monitoring

Senior Env. Engineer 0 hours x \$ 115.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Bio/Pilot/Inoculations/Batch Prep./Monitoring

Senior Env. Geologist 0 hours x \$ 92.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Bio/Pilot/Inoculations/Batch Prep./Monitoring

Env. Project Geologist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Bio/Pilot/Inoculations/Batch Prep./Monitoring

G-1.4

This form must be submitted in duplicate.

Engineering Technican 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Bio/Pilot/Inoculations/ Batch Prep./Monitoring

Technical Editor 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Bio/Pilot/Inoculations/ Batch Prep./Monitoring

Administrative Assistant 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Bio/Pilot/Inoculations/ Batch Prep./Monitoring

Environmental Engineer 5 hours x \$ 100.00 per hour = \$ 500.00
(Title)

Task to be performed for the above hours: Corrective Action Plan and Budget Prep.

Senior Env. Engineer 2 hours x \$ 115.00 per hour = \$ 230.00
(Title)

Task to be performed for the above hours: Corrective Action Plan and Budget Prep.

Senior Env. Geologist 5 hours x \$ 92.00 per hour = \$ 460.00
(Title)

Task to be performed for the above hours: Corrective Action Plan and Budget Prep.

General Project Manager 2 hours x \$ 100.00 per hour = \$ 200.00
(Title)

Task to be performed for the above hours: Corrective Action Plan and Budget Prep.

Env. Project Geologist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Corrective Action Plan and Budget Prep.

Env. Project Scientist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Corrective Action Plan and Budget Prep.

Technical Editor 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Corrective Action Plan and Budget Prep.

<u>Draftsman</u>	<u>0</u> hours x <u>\$ 55.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>Corrective Action Plan and Budget Prep.</u>
<u>Office/Technical Coordinator</u>	<u>0</u> hours x <u>\$ 65.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>Corrective Action Plan and Budget Prep.</u>
<u>Administrative Assistant</u>	<u>2</u> hours x <u>\$ 55.00</u> per hour = <u>\$ 110.00</u>
(Title)	
Task to be performed for the above hours:	<u>Corrective Action Plan and Budget Prep.</u>
<u>Office Manager</u>	<u>0</u> hours x <u>\$ 40.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>Corrective Action Plan and Budget Prep.</u>
<u>Principal</u>	<u>0</u> hours x <u>\$ 130.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>Corrective Action Plan and Budget Prep.</u>
<u>Environmental Engineer</u>	<u>0</u> hours x <u>\$ 100.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>IEPA Quarterly Rep./Data Management/Closure R</u>
<u>Senior Env. Engineer</u>	<u>0</u> hours x <u>\$ 115.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>IEPA Quarterly Rep./Data Management/Closure R</u>
<u>Senior Env. Geologist</u>	<u>0</u> hours x <u>\$ 92.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>IEPA Quarterly Rep./Data Management/Closure R</u>
<u>General Project Manager</u>	<u>0</u> hours x <u>\$ 100.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>IEPA Quarterly Rep./Data Management/Closure R</u>
<u>Env. Project Geologist</u>	<u>0</u> hours x <u>\$ 81.00</u> per hour = <u>\$ -</u>
(Title)	
Task to be performed for the above hours:	<u>IEPA Quarterly Rep./Data Management/Closure R</u>

Env. Project Scientist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: IEPA Quarterly Rep./Data Management/Closure R

Technical Editor 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: IEPA Quarterly Rep./Data Management/Closure R

Draftsman 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: IEPA Quarterly Rep./Data Management/Closure R

Office/Technical Coordinator 0 hours x \$ 65.00 per hour = \$ -
(Title)

Task to be performed for the above hours: IEPA Quarterly Rep./Data Management/Closure R

Administrative Assistant 0 hours x \$ 55.00 per hour = \$ -
(Title)

Task to be performed for the above hours: IEPA Quarterly Rep./Data Management/Closure R

Office Manager 0 hours x \$ 40.00 per hour = \$ -
(Title)

Task to be performed for the above hours: IEPA Quarterly and Closure Reporting

Principal 0 hours x \$ 130.00 per hour = \$ -
(Title)

Task to be performed for the above hours: IEPA Quarterly and Closure Reporting

Environmental Engineer 0 hours x \$ 100.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Annual Environmental Reporting/GWTU

Senior Env. Engineer 0 hours x \$ 115.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Annual Environmental Reporting/GWTU

Senior Env. Geologist 0 hours x \$ 92.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Annual Environmental Reporting/GWTU

G-1.7

This form must be submitted in duplicate.

General Project Manager 0 hours x \$ 100.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Annual Environmental Reporting/GWTU

Env. Project Geologist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Annual Environmental Reporting/GWTU

Env. Project Scientist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Annual Environmental Reporting/GWTU

Office/Technical Coordinator 0 hours x \$ 65.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Annual Environmental Reporting/GWTU

Environmental Engineer 0 hours x \$ 100.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Reimbursement Claim Preparation

Senior Env. Engineer 0 hours x \$ 115.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Reimbursement Claim Preparation

Senior Env. Geologist 0 hours x \$ 92.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Reimbursement Claim Preparation

General Project Manager 0 hours x \$ 100.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Reimbursement Claim Preparation

Env. Project Geologist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Reimbursement Claim Preparation

Env. Project Scientist 0 hours x \$ 81.00 per hour = \$ -
(Title)

Task to be performed for the above hours: Reimbursement Claim Preparation

G-1.8

This form must be submitted in duplicate.

Office/Technical Coordinator 0 hours x \$ 65.00 per hour = \$ -
 (Title)

Task to be performed for the above hours: Reimbursement Claim Preparation

Accounting Technician 0 hours x \$ 65.00 per hour = \$ -
 (Title)

Task to be performed for the above hours: Reimbursement Claim Preparation

Office Manager 0 hours x \$ 40.00 per hour = \$ -
 (Title)

Task to be performed for the above hours: Reimbursement Claim Preparation

_____ hours x _____ per hour = \$ -
 (Title)

Task to be performed for the above hours: _____

_____ hours x _____ per hour = \$ -
 (Title)

Task to be performed for the above hours: _____

_____ hours x _____ per hour = \$ -
 (Title)

Task to be performed for the above hours: _____

_____ hours x _____ per hour = \$ -
 (Title)

Task to be performed for the above hours: _____

_____ hours x _____ per hour = \$ -
 (Title)

Task to be performed for the above hours: _____

_____ hours x _____ per hour = \$ -
 (Title)

Task to be performed for the above hours: _____

TOTAL PERSONNEL COSTS: \$ 7,860.00

H. EQUIPMENT COSTS

All equipment used must be listed below in a time and materials format. Handling charges should not added here; use Section J.

Equipment	Own or Rent	Time Used	Units	Unit Rate	Total Cost/Item
SITE INVESTIGATION					
PID Rental	Rent	0 Days		\$ 125.00	\$ -
Water Level Indicator	Rent	0 Days		\$ 21.00	\$ -
Survey Equipment Rental	Rent	0 Days		\$ 65.00	\$ -
Measuring Wheel Rental	Rent	0 Days		\$ 21.00	\$ -
EnCore Sampler Tool	Rent	0 Days		\$ 21.00	\$ -
Hand-Held Pentrometer	Rent	0 Days		\$ 15.00	\$ -
EXCAVATION & DISPOSAL					
PID Rental	Rent	1 Days		\$ 125.00	\$ 125.00
GROUNDWATER TREATMENT UNIT					
Groundwater Treatment Unit (includes trailer, surge tank, oil/water separator, shallow tray air stripper, vent pipes, air compressor/blower holding tank, effluent pump, particulate filter, initial set of carbon filters, sampling tank, autodialer, lights, exhaust fans and climate control)	Rent	0 Month		\$2,070.00	\$ -
Water Level Indicator (Quarterly Monitoring)	Rent	0 Month		\$ 21.00	\$ -
BIOREMEDIATION					
Pump	Rent	0 Day		\$ 50.00	\$ -
Water Level Indicator (Quarterly Monitoring)	Rent	0 Day		\$ 21.00	\$ -
Water Truck	Rent	0 Day		\$ 200.00	\$ -
Total Page H-1					\$ 125.00

H-1

This form must be submitted in duplicate

I. FIELD PURCHASES AND OTHER COSTS

All equipment used must be listed below in a time and materials format. Handling charges should not added here; use Section J.

Field Purchases	Quantity	Item	Price/Item	Total Cost	Handling Charges
BACKFILL (cont.)					
Truck Liner	19	/load	\$ 4.00	\$ 76.00	yes
GROUNDWATER TREATMENT UNIT					
Postage (APC Permit)				\$ -	yes
Permit Fee (Annual) (APC Permit)	0	/year	\$ 200.00	\$ -	yes
Permit Fee (APC Permit)	0	/appl.	\$ 2,000.00	\$ -	yes
Postage (WPC Permit)				\$ -	yes
Permit Fee (WPC Permit)	1	/appl.	\$ 6,000.00	\$ 6,000.00	yes
Film	0	/each	\$ 6.00	\$ -	yes
Photo Development & Copies	0	/each	\$ 15.00	\$ -	yes
Carbon Filter Purchase	0	/each	\$ 600.00	\$ -	yes
Bailers	0	/each	\$ 12.00	\$ -	yes
Telephone Line Installation	0	/each	\$ 150.00	\$ -	yes
Carbon Filter Disposal	0	/each	\$ 1,000.00	\$ -	yes
Electricity	0	/mo.	\$ 200.00	\$ -	yes
Telephone Line (autodialer)	0	/mo.	\$ 30.00	\$ -	yes
Sewer Disposal Charge	0	/gal.	\$ 0.001	\$ -	yes
Carbon Filter Disposal	0	/each	\$ 1,000.00	\$ -	yes
Electricity	0	/month	\$ 200.00	\$ -	yes
Telephone Line (autodialer)	0	/month	\$ 30.00	\$ -	yes
Sewer Disposal Charge	0	/gal.	\$ 0.00	\$ -	yes
Recovery Sump Closure	0	/each	\$ 1,200.00	\$ -	yes
Recovery Well Closure	0	/each	\$ 400.00	\$ -	yes
BIOREMEDIATION					
Injection Point (Trench)	0	/each	\$ 500.00	\$ -	yes
Color Copies	0	/each	\$ 1.25	\$ -	yes
Bailers	0	/each	\$ 12.00	\$ -	yes
Film	0	/roll	\$ 6.00	\$ -	yes
Photo Development & Copies	0	/each	\$ 15.00	\$ -	yes
Encore Samplers	0	/each	\$ 10.00	\$ -	yes
Postage				\$ -	yes
Fittings, Hoses	0	L.S.	\$ 500.00	\$ -	yes
Drums	0	/each	\$ 50.00	\$ -	yes
Bacteria, Nutrients, Catalyst	0	/yd ³	\$ 35.00	\$ -	yes
Subtotal Page I-1.3				\$	6,076.00

I-1.3

This form must be submitted in duplicate

Other Costs - A listing and description of all other costs which will be/were incurred and are not specifically listed on this form should be attached. The listing should include a cost breakdown in a time and materials format.

Other Costs	Type	No.	Rate	Cost	
INVESTIGATION				\$ -	
Copies		0	\$ 0.10	\$ -	
Mileage for CW3M trips		0	\$ 0.38	\$ -	0 trips to site
Per Diem		0	\$ 36.00	\$ -	from office
EXCAVATION					
Mileage for CW3M trips		630	\$ 0.38	\$ 239.40	4 trips to site*
Per Diem	6 per day	0	\$ 36.00	\$ -	*1/2 from shop
Motel	incl. operator	0	\$ 50.00	\$ -	1/2 from office
BACKFILL					
Mileage for CW3M Trips		630	\$ 0.38	\$ 239.40	4 trips to site*
Per Diem	6 per day	0	\$ 36.00	\$ -	*1/2 from shop
Motels	incl. operator	0	\$ 50.00	\$ -	1/2 from office
GW TREATMENT UNIT					
Copies	APC Perm	0	\$ 0.10	\$ -	
Copies	WPC Perm	0	\$ 0.10	\$ -	
Mileage for CW3M Trips		0	\$ 0.38	\$ -	0 trips to site
GWTU Mobilization to Site		0	\$ 350.00	\$ -	from shop
Mileage for CW3M Trips	Year 1	0	\$ 0.38	\$ -	0 trips to site
Maintenance Cost	Year 1	0	\$ 750.00	\$ -	from office
Mileage for CW3M Trips	Rem Years	0	\$ 0.38	\$ -	
Maintenance Cost	Rem Years	0	\$ 750.00	\$ -	
GWTU Disconnect/Demo	Rem Years	0	\$ 1,000.00	\$ -	
Site Restoration/Equipme	Rem Years	0	\$ 5,000.00	\$ -	
BIOREMEDIATION					
Mileage for CW3M trips		0	\$ 0.38	\$ -	0 trips to site
				\$ -	from shop
REPORTING				\$ -	
Copies	CAP	100	\$ 0.10	\$ 10.00	
Copies	CR/QGW	0	\$ 0.10	\$ -	
Copies	Env. Rep.	0	\$ 0.10	\$ -	
Copies	Reimb	0	\$ 0.10	\$ -	
				\$ -	
				\$ -	

TOTAL OTHER COSTS = \$ 488.80

Total (I-1 - I-2 Pages) \$ 31,673.09

L. HIGH PRIORITY CORRECTIVE ACTION

Corrective Action at High Priority Sites may involve both soil and groundwater remediation. Below provide a summary of costs for the remediation type(s) chosen and attach the appropriate sections of the budget/billing forms to support the summary of costs.

A. Preparation of the Corrective Action Plan.

1. Investigation Costs:	\$ -
2. Analysis Costs:	\$ -
3. Personnel Costs:	\$ 1,500.00
4. Equipment Costs:	\$ -
5. Field Purchases and Other Costs:	\$ 12.00
6. Handling Charges:	<u>See Handling Charge Total</u>

B. Groundwater Remediation

1. Analysis Costs:	\$ -
2. Personnel Costs:	\$ -
3. Equipment Costs:	\$ -
4. Field Purchases and Other Costs:	\$ 6,000.00
5. Handling Charges:	<u>See Handling Charge Total</u>

Of the above costs, please provide a break down of the costs associated with operation and maintenance (O&M), if applicable, as requested below.

0 Months of O&M x #DIV/0! per month = \$ -
(includes utilities, maintenance and expendable items)

C. Excavation and Disposal

1. Analysis Costs:	\$ 75.00
2. Personnel Costs:	\$ 3,180.00
3. Equipment Costs:	\$ 125.00
4. Field Purchases and Other Costs:	\$ 14,534.80
5. Handling Charges:	<u>See Handling Charge Total</u>

Of the above costs, please provide a break down of the costs associated with excavation, transportation, and disposal as requested below:

Excavation	<u>171.11</u>	cubic yards X	<u>12.62</u> per cu yd =	\$ 2,160.00
Transport:	<u>171.11</u>	cubic yards X	<u>36.82</u> per cu yd =	\$ 6,300.00
Disposal:	<u>171.11</u>	cubic yards X	<u>30.24</u> per cu yd =	\$ 5,174.40

D. Alternative Technology, Type	<u>Bioremediation</u>
1. Investigation Costs:	\$ <u> -</u>
2. Analysis Costs:	\$ <u> -</u>
3. Personnel Costs:	\$ <u> -</u>
4. Equipment Costs:	\$ <u> -</u>
5. Field Purchases and Other Costs:	\$ <u> -</u>
6. Handling Charges:	<u>See Handling Charge Total</u>

Of the above costs, please provide a break down of the following costs as requested below if applicable:

Excavation	<u>0.00</u>	cubic yards X \$	<u>#DIV/0!</u>	per cu yd =	\$ <u> -</u>
Transport:	<u>0.00</u>	cubic yards X \$	<u>#DIV/0!</u>	per cu yd =	\$ <u> -</u>
Disposal:	<u>0.00</u>	cubic yards X \$	<u>#DIV/0!</u>	per cu yd =	\$ <u> -</u>

Operation and Maintenance (O&M):

 Months of O&M x \$ per month = \$

E. Backfill Costs

1. Personnel Costs:	\$ <u>3,180.00</u>
2. Equipment Costs:	\$ <u> -</u>
3. Field Purchases and Other Costs:	\$ <u>11,061.29</u>
4. Handling Charges:	<u>See Handling Charge Total</u>

Of the above costs, please provide a break down of the following costs as requested below if applicable:

Type of Backfill: Sand Backfill
165.41 cubic yards X per cu yd = \$ 1,667.31

Type of Backfill: Aggregate Backfill
6.27 cubic yards X per cu yd = \$ 118.58

Type of Backfill: Septic Gravel Backfill
0.00 cubic yards X per cu yd = \$ -

Type of Backfill: Concrete for Trailer Pad
0.00 cubic yards X per cu yd = \$ -

		Ours		EPA		Difference
E	Investigation	\$ -		\$ -		\$ -
F	Analysis	\$ 75.00		\$ 75.00		\$ -
G	Personnel	\$ 7,860.00		\$ 7,860.00		\$ -
H	Equipment	\$ 125.00		\$ 125.00		\$ -
I	Field Purchases	\$ 31,673.09		\$ 31,673.09		\$ -
J	Handling Charges	\$ 31,259.29		\$ 31,259.29		\$ -

Totals	\$ 42,633.83		\$ 42,633.83		\$ -
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Investigation Costs =	\$	-
Analysis Costs =	\$	75.00
Personnel Costs=	\$	7,860.00
Equipment Costs=	\$	125.00
Field Purchases and Other Costs=	\$	31,673.09
Handling Charges=	\$	2,900.74
Total Project Cost =	\$	42,633.83

Eligible for handling charge	\$	31,259.29
From EPA sheets	\$	31,259.29

Base 2.00 8/5/03

Subcontractor Material and Services		
<i>Backfill</i>		
Sand Backfill	\$ 6.00	/ton
Aggregate Backfill	\$ 11.25	/ton
Septic Gravel Backfill	\$ 10.00	/ton
Concrete	\$ 61.00	/c.y.
<i>Laboratory</i>		
BETX/MTBE Analysis	\$ 75.00	/each
PNA Analysis	\$ 175.00	/each
Moisture Content	\$ 5.00	/each
Hydraulic Conductivity	\$ 300.00	/each
LUST Appendix B	\$ 900.00	/each
Particle Size, A.L., USCS	\$ 135.00	/each
Total Metal	\$ 25.00	/each
TCLP Metal	\$ 85.00	/each
pH	\$ 15.00	/each
Paint Filter	\$ 20.00	/each
Flashpoint	\$ 30.00	/each
Nutrients	\$ 70.00	/each
Bacteria	\$ 50.00	/each
<i>Disposal</i>		
UST Removal	\$ 1.00	/gallon
Disposal Charge, soil (bulk)	\$ 18.00	/ton
Disposal Charge, soil (drum)	\$ 200.00	/drum
Disposal Charge, water	\$ 2.00	/gallon
<i>Equipment</i>		
Trackhoe	\$ 145.00	/hour
Backhoe	\$ 95.00	/hour
Trucking Charge (10 c.y.)	\$ 70.00	/hour
End Loader	\$ 95.00	/hour
Trucking Charge (15 c.y.)	\$ 85.00	/hour
Baker Tank	\$ 1,200.00	/month
<i>Drilling</i>		
Drilling Rate	\$ 24.00	/foot
Drill Rig Mobilization	\$ 260.00	/trip
Concrete Cores	\$ 50.00	/each
Decontamination	\$ 125.00	/day
2" - 10-foot well screen	\$ 50.00	/each
2" - 5-foot PVC Riser	\$ 50.00	/each
2" - 15-foot PVC Riser	\$ 80.00	/each
2" Bottom Caps	\$ 10.00	/each
2" Expandable Locking Caps	\$ 20.00	/each
Flush Mount Manway	\$ 50.00	/each
Sand Filter Pack (6 per well)	\$ 10.00	/each
Bentonite Chips (annular seal)	\$ 20.00	/each
Concrete (surface seal)	\$ 10.00	/each
Well Locks	\$ 8.00	/each
4" - 5-foot well screen	\$ 60.00	/each
4" - 10-foot well screen	\$ 90.00	/each
4" - 5-foot PVC Riser	\$ 60.00	/each
4" Bottom Caps	\$ 20.00	/each
4" Expandable Locking Caps	\$ 30.00	/each
<i>Treatment Plant / Other</i>		
Recovery Sump Installation	\$ 2,500.00	/each
Recovery Well Installation	\$ 800.00	/each
Piping, Hose and Fittings	\$ 4,000.00	/lump sum
Electricity	\$ 200.00	/month

Labor Rates		
Environmental Engineer	\$ 100.00	/hour
Senior Env. Engineer	\$ 115.00	/hour
Senior Env. Geologist	\$ 92.00	/hour
General Project Manager	\$ 100.00	/hour
Env. Project Geologist	\$ 81.00	/hour
Env. Project Scientist	\$ 81.00	/hour
Engineering Technican	\$ 55.00	/hour
Laborer	\$ 40.00	/hour
Technical Editor	\$ 55.00	/hour
Draftsman	\$ 55.00	/hour
Technical Coordinator	\$ 65.00	/hour
Administrative Assistant	\$ 55.00	/hour
Accounting Technician	\$ 65.00	/hour
Office Manager	\$ 40.00	/hour
Principal	\$ 130.00	/hour
Field Supervisor/Coordinator	\$ 110.00	/hour
Wastewater Trtmt. Operator	\$ 100.00	/hour
Construction/Labor Foreman	\$ 65.00	/hour
Electrician	\$ 40.00	/hour
Plumber/Inspector	\$ 45.00	/hour

Other Costs		
Bailers	\$ 12.00	/each
Film	\$ 6.00	/each
Photo Dev. & Copies	\$ 15.00	/each
Postage		
Copies	\$ 0.10	/each
Color Copies	\$ 1.25	/each
Truck Liner	\$ 4.00	/each
Manifests	\$ 3.00	/each
Carbon Filter Purchase	\$ 600.00	/each
Carbon Filter Disposal	\$1,000.00	/each
Per Diem	\$ 36.00	/day
Motel/Overnight	\$ 50.00	/day
PID Rental	\$ 125.00	/day
Survey Equipment Rental	\$ 65.00	/day
Water Level Indicator	\$ 21.00	/day
Measuring Wheel	\$ 21.00	/day
Hand Held Pentrometer	\$ 21.00	/day
EnCore Sample Tool	\$ 15.00	/day
Mileage	\$ 0.38	/mile
Disposable Gloves	\$ 12.00	/box
Bailing Twine	\$ 5.00	/roll
Drums	\$ 50.00	/each
GWTU Mobilization to Site	\$ 350.00	/each
GWTU Lease	\$2,070.00	/mntth
GWTU Maintenance	\$ 750.00	/mntth
Encore Samplers	\$ 10.00	/each

Quantities		
Contaminated Soil Excavation	171.11	c.y.
Recovery Trench Excavation	0.00	c.y.
Disposal	171.11	c.y.
Sand Backfill	165.41	c.y.
Aggregate Backfill	6.27	c.y.
Septic Gravel Backfill	0.00	c.y.

CAP BUDGET1

Inputs

Sewer Disposal Charge	\$ 0.001	/gallon
Telephone Line Installation	\$ 150.00	/each
Telephone Line (autodialer)	\$ 30.00	/month
Recovery Sump Closure	\$ 1,200.00	/each
Recovery Well Closure	\$ 400.00	/each
Monitoring Well Abandonment	\$ 250.00	/each.

Distances		
To Landfill	100	miles RT
To Sand Pit	100	miles RT
To Septic Gravel Source	60	miles RT
To CA6/Aggregate Source	60	miles RT
Office to Site	150	miles RT
Shop to Site	165	miles RT
Electrician to Site	50	miles RT

Assumptions		
Truck Travel Speed	50	mph
Turnaround Time	0.5	hour
15 c.y. Trucks Available	0	each
10 c.y. Trucks Available	10	each
Truck/Equipment Day	9	hours
Personnel Day	12	hours
GW Plant Capitalization	3	years
GW Treatment Duration	0	years
GW Monitoring Network Wells	0	each
Total Monitoring Wells	0	each
Recovery Sumps	0	each
Recovery Wells	0	each

Concrete	0.00	c.y.
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Bio		
Microbial Pilot Study	\$3,500.00	L.S.
Bacteria, Nutrients, Catalyst	\$ 35.00	C.Y.
Fittings, Hoses	\$ 500.00	L.S.
Soil - BETX/Nut./Bac./pH	\$ 210.00	each
GW - Nutrients, Bacteria	\$ 135.00	each
No. of injection wells	0	
Injection Points (Trench)	0	
No. monitoring wells	0	
Closure Borings	0	
Years of Operation	0	
Pump	\$ 50.00	day
Water Truck	\$ 200.00	day

Site Name - to fill in reports BH Amoco

Include Closure GWTU No

Overnight Stay Required No

Factor 0

Description/Boring Type	Depth	Footage	Cost
Soil Boring	10	0	\$ -
Monitoring Well Borings	15	0	\$ -
Replacement MWs	25	0	\$ -
Concrete Cores		0	\$ -
Total Drilling		0	\$ -

Mobilization	No.	Rate	Cost
Borings & wells -			
drill rig, eqpt. crew	0	\$ 260.00	\$ -
Decontamination	0	\$ 125.00	\$ -

Personnel	Hours	Rate	Cost
Environmental Engineer	0	\$ 100.00	\$ -
Senior Env. Geologist	0	\$ 92.00	\$ -
General Project Manager	0	\$ 100.00	\$ -
Env. Project Geologist	0	\$ 81.00	\$ -
Env. Project Scientist	0	\$ 81.00	\$ -
Engineering Technician	0	\$ 55.00	\$ -
Draftsman	0	\$ 55.00	\$ -
Administrative Assistant	0	\$ 55.00	\$ -
Subtotal: Personnel/Investigation			\$ -

Monitoring Well Installation	No.	Rate	Cost
15-foot Monitoring Well	0	\$ 278.00	\$ -
25-foot Monitoring Well	0	\$ 308.00	\$ -
Total Monitoring Well Installation			\$ -

*MW Installation includes well casing, well screens, filter pack, annular seal, surface seal, well covers, etc.

Disposal Costs	No.	Rate	Cost
Disposal of Cuttings	0	\$ 200.00	\$ -
Disposal of Water (gallons)	0	\$ 2.00	\$ -
Total Disposal Costs			\$ -

Equipment	Rate		Qty.	Charges
PID Rental	\$ 125.00	/day	0	\$ -
Water Level Indicator	\$ 21.00	/day	0	\$ -
Survey Equipment Rental	\$ 65.00	/day	0	\$ -
Measuring Wheel Rental	\$ 21.00	/day	0	\$ -
EnCore Sampler Tool	\$ 21.00	/day	0	\$ -
Hand-Held Pentrometer	\$ 15.00	/day	0	\$ -
Subtotal Equipment/Inv.				\$ -

TOTAL INVESTIGATION COSTS =	\$ -
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CAP BUDGET1

Investigation

Other Costs	No.	Rate	Cost
Copies	0	\$ 0.10	\$ -
Mileage for CW3M trips	0	\$ 0.38	\$ -
Per Diem	0	\$ 36.00	\$ -
Total Other			\$ -

Other Costs/Field Purchases	No.	Rate	Cost
Color Copies	0	\$ 1.25	\$ -
Bailers	0	\$ 12.00	\$ -
Film	0	\$ 6.00	\$ -
Photo Development & Copies	0	\$ 15.00	\$ -
Encore Samplers	0	\$ 10.00	\$ -
Postage			\$ -
Disposable Gloves	0	\$ 12.00	\$ -
Bailing Twine	0	\$ 5.00	\$ -
Drums	0	\$ 50.00	\$ -
Total Field Purchases			\$ -

Physical Soil Analysis			
Type	No.	Rate	Cost
Moisture Content	0	\$ 5.00	\$ -
Hydraulic Conductivity	0	\$ 300.00	\$ -
Particle Size, A.L., USCS	0	\$ 135.00	\$ -
SUBTOTAL: PHYSICAL SOIL ANALYSIS =			\$ -

Soil Analysis Costs			
Type	No.	Rate	Cost
BETX / MTBE	0	\$ 75.00	\$ -
PNA	0	\$ 175.00	\$ -
Total Metals	0	\$ 25.00	\$ -
LUST Appendix B	0	\$ 900.00	\$ -
Waste Char.	0	\$ 225.00	\$ -
TCLP Metals	0	\$ 85.00	\$ -
SUBTOTAL: SOIL ANALYSIS COSTS =			\$ -

Groundwater Analysis Costs			
Type	No.	Rate	Cost
BETX / MTBE	0	\$ 75.00	\$ -
PNA	0	\$ 175.00	\$ -
Metals	0	\$ 25.00	\$ -
Waste Char.	0	\$ 145.00	\$ -
SUBTOTAL: GW ANALYSIS COSTS =			\$ -

TOTAL ANALYSIS COSTS			\$ -
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Contaminated Soil Excavation Volume				
	Area	Depth	Volume	Volume
	(sq. ft.)	(ft.)	(cu. ft.)	(c.y.)
	280.00	15	4,200.00	155.56
	0.00	0	0.00	0.00
			Subtotal =	155.56 c.y.
			Subtotal w/ 10%=	171.11 c.y.

Recovery/Injection Trench Excavation Volume				
Length	Width	Depth	Volume	Volume
(ft.)	(ft.)	(ft.)	(cu. ft.)	(c.y.)
0	0	0	0.00	0.00
0	0	0	0.00	0.00
		0	Subtotal =	0.00 c.y.
			Subtotal w/10%=	0.00 c.y.

Total Disposal Volume = 171.11 c.y.

Septic Gravel for Recovery Trench				
	Area	Depth	Volume	Volume
	(sq. ft.)	(ft.)	(cu. ft.)	(c.y.)
	0	-0.5	0.00	0.00
			with 10%=	0.00

Concrete for GWTU Trailer Pad				
	Area	Depth	Volume	Volume
	(sq. ft.)	(ft.)	(cu. ft.)	(c.y.)
	0	0	0	0.00
	0	0	0	0.00
			Total =	0.00 c.y.

Aggregate Gravel for Excavation Area				
	Area	Depth	Volume	Volume
	(sq. ft.)	(ft.)	(cu. ft.)	(c.y.)
	280.00	0.5	140	5.70 c.y.
			with 10%=	6.27

Backfill Sand for Excavation Area				
	Area	Depth	Volume	Volume
	(sq. ft.)	(ft.)	(cu. ft.)	(c.y.)
	280.00	14.5	4060	150.37 c.y.
			with 10%=	165.41

Bio-remediation volume				
	Area	Depth	Volume	Volume
	(sq. ft.)	(ft.)	(cu. ft.)	(c.y.)
Soil	0.00	0	0	0.00
GW	0.00	0	0	0.00 c.y.
			Rounded	0.00

Excavation			
Total Excavation Volume	171.11		c.y.
Excavation Truck Loads	20.13		each
Landfill Travel Time	2.5		hours
Landfill Trips/Day	3.00		each
Excavation Truck	6.71	7	days
Excavation (based on trucking)	0.67	1	days

Backfill			
Septic Gravel Volume	0.00		c.y.
Septic Gravel Truck Loads	0.00		each
Septic Gravel Travel Time	1.7		hours
Septic Gravel Trips/Day	5.00		each
Septic Gravel Truck	0.00	0	days
Septic Gravel Days	0.00	0	days
Backfill CA-6 Aggregate	6.27		c.y.
Backfill Aggregate Truck Loads	0.74		each
Backfill Aggregate Travel Time	1.7		hours
Backfill Aggregate Trips/Day	5.00		each
Backfill Aggregate Truck	0.15	1	days
Backfill Aggregate Days	0.01	1	days
Backfill Sand	165.41		c.y.
Backfill Sand Truck Loads	19.46		each
Backfill Sand Travel Time	2.5		hours
Backfill Sand Trips/Day	3.00		each
Backfill Sand Truck	6.49	7	days
Backfill Sand Days	0.65	1	days
Backfill Truck-Days	0.66	1	days
CW3M Days			
Site Preparation	0	0	days
UST Removal	0	0	days
Demolition	0	0	days
Excavation	0.67	1	days
Backfill	0.66	1	days
Site Restoration	0	0	days
<i>Total CW3M in Field</i>	1.33	2	days

Factor 1

Wall Samples	Rate		Qty.	Charges
BETX Analysis, Soil	\$ 75.00	/each	1	\$ 75.00
PNA Analysis, Soil	\$ 175.00	/each	0	\$ -
Total Metals	\$ 25.00	/each	0	\$ -
TCLP Metals	\$ 85.00	/each	0	\$ -
Waste Characteristics, Soil	\$ 225.00	/each	0	\$ -
<i>Subtotal: Analysis/Excavation</i>				\$ 75.00

CW3M Personnel	Rate		Qty.	Charges
Environmental Engineer	\$ 100.00	/hour	12	\$ 1,200.00
General Project Manager	\$ 100.00	/hour	0	\$ -
Engineering Technician	\$ 55.00	/hour	12	\$ 660.00
Laborer	\$ 40.00	/hour	0	\$ -
Administrative Assistant	\$ 55.00	/hour	0	\$ -
Field Supervisor/Coordinator	\$ 110.00	/hour	12	\$ 1,320.00
Construction Foreman	\$ 65.00	/hour	0	\$ -
<i>Subtotal: Personnel/Excavation</i>				\$ 3,180.00

Equipment	Rate		Qty.	Charges
PID Rental	\$ 125.00	/day	1	\$ 125.00
<i>Subtotal Equipment/Exc.</i>				\$ 125.00

Subcontractor Costs	Rate		Qty.	Charges
UST Removal	\$ 1.00	/gallon	0.00	\$ -
Building Demolition	\$ 9,000.00	L.S.	0.00	\$ -
Asbestos Inspection	\$ 900.00	/each	0.00	\$ -
Disposal Charge	\$ 18.00	/ton	287.47	\$ 5,174.40
Trackhoe	\$ 145.00	/hour	9.00	\$ 1,305.00
Backhoe	\$ 95.00	/hour	9.00	\$ 855.00
Trucking Charge (10 c.y.)	\$ 70.00	/hour	90.00	\$ 6,300.00
Trucking Charge (15 c.y.)	\$ 85.00	/hour	0.00	\$ -
Trackhoe Mobilization	\$ 300.00	/trip	1.00	\$ 300.00
Backhoe Mobilization	\$ 200.00	/trip	1.00	\$ 200.00
<i>Subtotal Subcontractor/Exc.</i>				\$ 14,134.40

<i>Excavation Cost =</i>				\$ 2,160.00
<i>Transportation Cost =</i>				\$ 6,300.00
<i>Disposal Cost =</i>				\$ 5,174.40

Other Costs	Rate		Qty.	Charge
Mileage for CW3M trips	\$ 0.38	/each	630.00	\$ 239.40
Per Diem	\$ 36.00	/day	0.00	\$ -
Motel	\$ 50.00	/day	0.00	\$ -
<i>Subtotal Other/Exc.</i>				\$ 239.40

Other Costs/Field Purchases				
Manifests	\$ 3.00	/each	20.00	\$ 60.00
Truck Liner	\$ 4.00	/each	20.00	\$ 80.00
Film	\$ 6.00	/each	1	\$ 6.00
Photo Development & Copies	\$ 15.00	/each	1	\$ 15.00
Drums	\$ 50.00	/each	0	\$ -

CAP BUDGET1

Excavation

<i>Subtotal Field Purchases/Exc.</i>				\$	161.00
Total Field, Other, Subcontractor/Exc.				\$	14,534.80
Amount to Apply Handling Charge				\$	14,370.40

Factor 1

CW3M Personnel	Rate		Qty.	Charges
Environmental Engineer	\$ 100.00	/hour	12	\$ 1,200.00
General Project Manager	\$ 100.00	/hour	0	\$ -
Engineering Technican	\$ 55.00	/hour	12	\$ 660.00
Laborer	\$ 40.00	/hour	0	\$ -
Administrative Assistant	\$ 55.00	/hour	0	\$ -
Field Supervisor/Coordinator	\$ 110.00	/hour	12	\$ 1,320.00
Construction Foreman	\$ 65.00	/hour	0	\$ -
Subtotal:Personnel/Backfill				\$ 3,180.00

Subcontractor Costs	Rate		Qty.	Charges
Sand Backfill	\$ 6.00	/ton	277.88	\$ 1,667.31
Aggregate Backfill	\$ 11.25	/ton	10.54	\$ 118.58
Septic Gravel Backfill	\$ 10.00	/ton	0.00	\$ -
Concrete for Trailer Pad	\$ 61.00	/c.y.	0.00	\$ -
Trackhoe	\$ 145.00	/hour	9.00	\$ 1,305.00
Backhoe	\$ 95.00	/hour	9.00	\$ 855.00
Trucking Charge (10 c.y.)	\$ 70.00	/hour	90.00	\$ 6,300.00
Trucking Charge (15 c.y.)	\$ 85.00	/hour	0.00	\$ -
Trackhoe Demobilization	\$ 300.00	/trip	1.00	\$ 300.00
Backhoe Demobilization	\$ 200.00	/hour	1.00	\$ 200.00
Subtotal:Subcontractor/Back				\$ 10,745.89

Total Backfill Costs =				\$ 13,925.89
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Other Costs	Rate		Qty.	Charge
Mileage for CW3M Trips	\$ 0.38	/mile	630.00	\$ 239.40
Per Diem	\$ 36.00	/day	0.00	\$ -
Motels	\$ 50.00	/day	0.00	\$ -
Subtotal Other/Backfill				\$ 239.40

Other Costs/Field Purchases	Rate		Qty.	Charge
Truck Liner	\$ 4.00	/load	19	\$ 76.00
Subtotal Fld Purchases/Back				\$ 76.00

Total Field, Other, Subcontractor/Backfill				\$ 11,061.29
Amount to Apply Handling Charge				\$ 10,821.89

Groundwater Treatment Unit Installation

Years of Operation

0 Factor

0

APC Permit Development

CW3M Personnel	Rate	Hours	Charge
Environmental Engineer	\$ 100.00	0.00	\$ -
Sr. Env. Engineer	\$ 115.00	0.00	\$ -
Sr. Env. Geologist	\$ 92.00	0.00	\$ -
Draftsman	\$ 55.00	0.00	\$ -
Administrative Assistant	\$ 55.00	0.00	\$ -
Tech Editor	\$ 55.00	0.00	\$ -
<i>Subtotal/APC Permit Development</i>			\$ -

Other	Rate	Qty.	Charge
Copies	\$ 0.10	0	\$ -
<i>Subtotal Other/APC Permit</i>			\$ -

Other/Field Purchases	Rate	Qty.	Charge
Postage			\$ -
Permit Fee (Annual)	\$ 200.00	0	\$ -
Permit Fee	\$ 2,000.00	0	\$ -
<i>Subtotal Field/APC Permit</i>			\$0.00

WPC Permit Development

CW3M Personnel	Rate	Hours	Charge
Environmental Engineer	\$ 100.00	0.00	\$ -
Sr. Env. Engineer	\$ 115.00	0.00	\$ -
Sr. Env. Geologist	\$ 92.00	0.00	\$ -
Draftsman	\$ 55.00	0.00	\$ -
Administrative Assistant	\$ 55.00	0.00	\$ -
Tech Editor	\$ 55.00	0.00	\$ -
<i>Subtotal/WPC Permit Development</i>			\$ -

Other	Rate	Qty.	Charge
Copies	\$ 0.10	0	\$ -
<i>Subtotal Other/WPC Permit</i>			\$ -

Other/Field Purchases	Rate	Qty.	Charge
Postage			\$0.00
Permit Fee	\$ 6,000.00	1	\$ 6,000.00
<i>Subtotal Field/WPC Permit</i>			\$6,000.00

CW3M Personnel	Rate		Qty.	Charges
Environmental Engineer	\$ 100.00	/hour	0	\$ -
Engineering Technican	\$ 55.00	/hour	0	\$ -
Laborer	\$ 40.00	/hour	0	\$ -
Field Supervisor/Coordinator	\$ 110.00	/hour	0	\$ -
<i>Subtotal/GWTU Installation</i>				\$ -

Subcontractor Costs	Rate		Qty.	Charges
Telephone Line Installation	\$ 150.00	/each	0	\$ -
<i>Subtotal Subcontractor/GWTU Installation</i>				\$ -

CAP BUDGET1

GWTU

Other Costs	Rate		Qty.	Charges
Mileage for CW3M Trips	\$ 0.38	/mile	0	\$ -
GWTU Mobilization to Site	\$ 350.00	/each	0	\$ -
<i>Subtotal Other/GWTU Installation</i>				\$ -

Other Costs/Field Purchases	Rate		Qty.	Charges
Film	\$ 6.00	/each	0	\$ -
Photo Development & Copies	\$ 15.00	/each	0	\$ -
<i>Subtotal Field/GWTU Installation</i>				\$ -

Total Field, Other, Subcontractor/GWTU Installation				\$ 6,000.00
Amount to Apply Handling Charge				\$ 6,000.00

CAP BUDGET1

O&M1

No. of Monitoring Wells = 0
 Years of Operation 0 Factor 0

Analysis	Rate		Annual GW Monitoring & Operating Costs		Variable Operating Costs			
			Qty.	Charges	Qtr. 1		Qtrs. 2-4	
					Qty.	Charges	Qty.	Charges
BETX Analysis, Plant	\$ 75.00	/each		\$ -	0	\$ -	0	\$ -
PNA Analysis, Plant	\$ 175.00	/each		\$ -	0	\$ -	0	\$ -
Total Lead, Plant	\$ 25.00	/each			0	\$ -	0	\$ -
Total Barium, Plant	\$ 25.00	/each			0	\$ -	0	\$ -
BETX Analysis, Groundwater	\$ 75.00	/each	0	\$ -		\$ -		\$ -
PNA Analysis, Groundwater	\$ 175.00	/each	0	\$ -		\$ -		\$ -
Total Lead, Groundwater	\$ 25.00	/each	0	\$ -				
Total Barium, Groundwater	\$ 25.00	/each	0	\$ -				
Subtotal: Analysis/GWTU Op.				\$ -		\$ -		\$ -

Subtotal Year 1 Analysis Costs= \$ - (Total = Variable + Annual Costs)

CW3M Personnel	Rate		Qty.	Charges	Qty.	Charges	Qty.	Charges
Senior Env. Geologist	\$ 92.00	/hour	0	\$ -		\$ -		\$ -
Engineering Technician	\$ 55.00	/hour	0	\$ -	0	\$ -	0	\$ -
Wastewater Trtmt. Operator	\$ 100.00	/hour		\$ -	0	\$ -	0	\$ -
Subtotal GWTU Operation				\$ -		\$ -		\$ -

Subtotal Year 1 CW3M Personnel Costs= \$ - (Total = Variable + Annual Costs)

Equipment	Rate		Qty.	Charges	Qty.	Charges	Qty.	Charges
Plant Lease	\$ 2,070.00	/mo.	0	\$ -				
Water Level Indicator	\$ 21.00	/day	0	\$ -				
Subtotal Equip/GWTU Op				\$ -				

Subtotal Year 1 Equipment Costs= \$ - (Total = Variable + Annual Costs)

Subcontractor Charges	Rate		Qty.	Charges	Qty.	Charges	Qty.	Charges
Carbon Filter Disposal	\$ 1,000.00	/each	0	\$ -		\$ -		\$ -
Electricity	\$ 200.00	/mo.	0	\$ -		\$ -		\$ -
Telephone Line (autodialer)	\$ 30.00	/mo.	0	\$ -				
Sewer Disposal Charge	\$ 0.001	/gal.	0	\$ -		\$ -		\$ -
Subtotal Subcontractors/GWTU Op.				\$ -		\$ -		\$ -

Subtotal Year 1 Subcontractor Costs= \$ - (Total = Variable + Annual Costs)

Other Costs	Rate		Qty.	Charges
Mileage for CW3M Trips	\$ 0.38	/mile	0	\$ -
Maintenance Cost	\$ 750.00	/mont	0	\$ -
Subtotal Year 1 Other/GWTU Op.				\$ -

Other Costs/Field Purch.	Rate		Qty.	Charges
Carbon Filter Purchase	\$ 600.00	/each	0	\$ -
Bailers	\$ 12.00	/each	0	\$ -

CAP BUDGET1

O&M1

Subtotal Year 1 Field/GWTU Op.			\$ -
--------------------------------	--	--	------

Total Year 1 Costs = \$ -

Total Field, Other, Subcontractor/GWTU Op. Year 1			\$ -
---	--	--	------

Amount to Apply Handling Charge			\$ -
---------------------------------	--	--	------

O&M Only = \$ - *

*includes utilities, maintenance and expendable items.

CAP BUDGET1

O&M2

Total Years of Operation = 0 years -1
 Plant Capitalization = 3 years
 No. of Monitoring Wells = 0
 Factor = 0
 Closure = No 0

Analysis	Rate		Annual GW Monitoring & Operating Costs		Closure and Demobilization	
			Qty.	Charges	Qty.	Charges
BETX Analysis, Plant	\$ 75.00	/each	0	\$ -		\$ -
PNA Analysis, Plant	\$ 175.00	/each	0	\$ -		\$ -
BETX Analysis, Groundwater	\$ 75.00	/each	0	\$ -	0	\$ -
PNA Analysis, Groundwater	\$ 175.00	/each	0	\$ -	0	\$ -
Subtotal: Analysis GWTU Op.				\$ -		\$ -

Subtotal Annual Analysis Costs After Year 1= \$ -
 Subtotal Subsequent Year Cost 0 years = \$ -

CW3M Personnel	Rate		Qty.	Charges	Qty.	Charges
Senior Env. Engineer	\$ 115.00	/hour		\$ -	0	\$ -
Senior Env. Geologist	\$ 92.00	/hour	0	\$ -	0	\$ -
Engineering Technician	\$ 55.00	/hour	0	\$ -	0	\$ -
Wastewater Trtmt. Operator	\$ 100.00	/hour	0	\$ -		\$ -
Subtotal Personnel/GWTU Op.				\$ -		\$ -

Subtotal Subsequent Year Cost 0 years = \$ -

Equipment	Rate		Qty.	Charges	Qty.	Charges
Plant Lease	\$ 2,070.00	/mo.	0	\$ -		
Water Level Indicator	\$ 21.00	/day	0	\$ -		
Subtotal Equip/GWTU Op				\$ -		

Subtotal Subsequent Year Cost 0 years = \$ -

Subcontractor Charges	Rate		Qty.	Charges	Qty.	Charges
Carbon Filter Disposal	\$ 1,000.00	/each	0	\$ -	0	\$ -
Electricity	\$ 200.00	/month	0	\$ -		\$ -
Telephone Line (autodialer)	\$ 30.00	/month	0	\$ -		
Sewer Disposal Charge	\$ 0.001	/gal.	0	\$ -		\$ -
Recovery Sump Closure	\$ 1,200.00	/each		\$ -	0	\$ -
Recovery Well Closure	\$ 400.00	/each			0	\$ -
Monitoring Well Closure	\$ 250.00	/each		\$ -	0	\$ -
Subtotals Subcontractor/GWTU Op				\$ -		\$ -

Subtotal Subsequent Year Cost 0 years = \$ -

Other Costs	Rate		Qty.	Charges	Qty.	Charges
Mileage for CW3M Trips	\$ 0.38	/mile	0	\$ -	0	\$ -
Maintenance Cost	\$ 750.00	/mo.	0	\$ -		\$ -
GWTU Disconnect/Demob	\$ 1,000.00	/each	0		0	\$ -
Site Restoration/Equipment	\$ 5,000.00	/each	0		0	\$ -
Subtotal Other/GWTU Op.				\$ -		\$ -

Subtotal Subsequent Year Cost 0 years = \$0.00

Corrective Action Plan				
CW3M Personnel	Rate		Qty.	Charges
Environmental Engineer	\$ 100.00	/hour	5	\$ 500.00
Senior Env. Engineer	\$ 115.00	/hour	2	\$ 230.00
Senior Env. Geologist	\$ 92.00	/hour	5	\$ 460.00
General Project Manager	\$ 100.00	/hour	2	\$ 200.00
Env. Project Geologist	\$ 81.00	/hour	0	\$ -
Env. Project Scientist	\$ 81.00	/hour	0	\$ -
Technical Editor	\$ 55.00	/hour	0	\$ -
Draftsman	\$ 55.00	/hour	0	\$ -
Office/Technical Coordinator	\$ 65.00	/hour	0	\$ -
Administrative Assistant	\$ 55.00	/hour	2	\$ 110.00
Office Manager	\$ 40.00	/hour	0	\$ -
Principal	\$ 130.00	/hour	0	\$ -
<i>Subtotal Personnel SI/CAP</i>				\$ 1,500.00

Other SI/CAP	Rate		Qty.	Charges
Copies	\$ 0.10	/each	100	\$ 10.00

Field SI/CAP	Rate		Qty.	Charges
Color Copies	\$ 1.25	/each	0	\$ -
Postage				\$ 2.00
<i>Subtotal Reporting SI/CAP</i>				\$ 2.00

IEPA Quarterly Reporting & CACR				
CW3M Personnel	Rate		Qty.	Charges
Environmental Engineer	\$ 100.00	/hour		\$ -
Senior Env. Engineer	\$ 115.00	/hour		\$ -
Senior Env. Geologist	\$ 92.00	/hour		\$ -
General Project Manager	\$ 100.00	/hour		\$ -
Env. Project Geologist	\$ 81.00	/hour		\$ -
Env. Project Scientist	\$ 81.00	/hour		\$ -
Technical Editor	\$ 55.00	/hour		\$ -
Draftsman	\$ 55.00	/hour		\$ -
Office/Technical Coordinator	\$ 65.00	/hour		\$ -
Administrative Assistant	\$ 55.00	/hour		\$ -
Office Manager	\$ 40.00	/hour		\$ -
Principal	\$ 130.00	/hour		\$ -
<i>Subtotal Personnel/Closure Rept.</i>				\$ -

Other Closure Report	Rate		Qty.	Charges
Copies	\$ 0.10	/each	0	\$ -

Field Closure Report	Rate		Qty.	Charges
Color Copies	\$ 1.25	/each	20	\$ 25.00
Postage				\$ 20.00
<i>Subtotal Reporting Closure</i>				\$ 45.00

Annual Environmental Reporting
Treatment Plant (One year)

CW3M Personnel	Rate		Qty.	Charges
Environmental Engineer	\$ 100.00	/hour	0.00	\$ -
Senior Env. Engineer	\$ 115.00	/hour	0.00	\$ -
Senior Env. Geologist	\$ 92.00	/hour	0.00	\$ -
General Project Manager	\$ 100.00	/hour	0.00	\$ -
Env. Project Geologist	\$ 81.00	/hour	0.00	\$ -
Env. Project Scientist	\$ 81.00	/hour	0.00	\$ -
Office/Technical Coordinator	\$ 65.00	/hour	0.00	\$ -
Administrative Assistant	\$ 55.00	/hour	0.00	\$ -
<i>Subtotal Personnel/Environmental Reporting</i>				\$ -

Other Env. Reporting	Rate		Qty.	Charges
Copies	\$ 0.10	/each	0	\$ -

Field Env. Reporting	Rate		Qty.	Charges
Color Copies	\$ 1.25	/each	0	\$ -
Postage				\$ -
<i>Subtotal Reporting Environmental</i>				\$ -

Reimbursement Claim Preparation				
CW3M Personnel	Rate		Qty.	Charges
Environmental Engineer	\$ 100.00	/hour	0	\$ -
Senior Env. Engineer	\$ 115.00	/hour	0	\$ -
Senior Env. Geologist	\$ 92.00	/hour	0	\$ -
General Project Manager	\$ 100.00	/hour	0	\$ -
Env. Project Geologist	\$ 81.00	/hour	0	\$ -
Env. Project Scientist	\$ 81.00	/hour	0	\$ -
Office/Technical Coordinator	\$ 65.00	/hour	0	\$ -
Accounting Technician	\$ 65.00	/hour	0	\$ -
Office Manager	\$ 40.00	/hour	0	\$ -
<i>Subtotal Personnel/Reimbursement Claims</i>				\$ -

Other Reimbursement	Rate		Qty.	Charges
Copies	\$ 0.10	/each	0	\$ -

Field Reimbursement	Rate		Qty.	Charges
Color Copies	\$ 1.25	/each	0	\$ -
Postage				\$ 20.00
<i>Subtotal Reimbursement Prep.</i>				\$ 20.00

Total Field, Other/SA-CAP				\$ 12.00
Amount to Apply Handling Charge				\$ 2.00

Total Field, Other/Closure				\$ 45.00
Amount to Apply Handling Charge				\$ 45.00

Total Field, Other, Subcontractor/Annual Environmental Reporting				\$ -
Amount to Apply Handling Charge				\$ -

Total Field, Other/Reimbursement Prep				\$ 20.00
Amount to Apply Handling Charge				\$ 20.00

I. FIELD PURCHASES AND OTHER COSTS

All equipment used must be listed below in a time and materials format. Handling charges should not added here; use Section J.

Field Purchases	Quantity	Item	Price/Item	Total Cost	Handling Charges
SITE INVESTIGATION					
Color Copies	0	/each	\$ 1.25	\$ -	yes
Bailers	0	/each	\$ 12.00	\$ -	yes
Film	0	/roll	\$ 6.00	\$ -	yes
Photo Development & Copies	0	/roll	\$ 15.00	\$ -	yes
Encore Samplers	0	/each	\$ 10.00	\$ -	yes
Postage				\$ -	yes
Disposable Gloves	0	/box	\$ 12.00	\$ -	yes
Bailing Twine	0	/roll	\$ 5.00	\$ -	yes
Drums	0	/each	\$ 50.00	\$ -	yes
EXCAVATION AND DISPOSAL					
UST Removal	0	/gallon	\$ 1.00	\$ -	yes
Building Demolition	0	L.S.	\$ 9,000.00	\$ -	yes
Asbestos Inspection	0	/each	\$ 900.00	\$ -	yes
Disposal Charge	287.47	/ton	\$ 18.00	\$ 5,174.40	yes
Trackhoe	9	/hour	\$ 145.00	\$ 1,305.00	yes
Backhoe	9	/hour	\$ 95.00	\$ 855.00	yes
Trucking Charge (10 c.y.)	90	/hour	\$ 70.00	\$ 6,300.00	yes
Trucking Charge (15 c.y.)	0	/hour	\$ 85.00	\$ -	yes
Trackhoe Mobilization	1	/trip	\$ 300.00	\$ 300.00	yes
Backhoe Mobilization	1	/trip	\$ 200.00	\$ 200.00	yes
Manifests	20	/each	\$ 3.00	\$ 60.00	yes
Truck Liner	20	/each	\$ 4.00	\$ 80.00	yes
Film	1	/each	\$ 6.00	\$ 6.00	yes
Photo Development & Copies	1	/each	\$ 15.00	\$ 15.00	yes
Drums	0	/each	\$ 50.00	\$ -	yes
BACKFILL					
Sand Backfill	277.88	/ton	\$ 6.00	\$ 1,667.31	yes
Aggregate Backfill	10.54	/ton	\$ 11.25	\$ 118.58	yes
Septic Gravel Backfill	0.00	/ton	\$ 10.00	\$ -	yes
Concrete for Trailer Pad	0	/c.y.	\$ 61.00	\$ -	yes
Trackhoe	9	/hour	\$ 145.00	\$ 1,305.00	yes
Backhoe	9	/hour	\$ 95.00	\$ 855.00	yes
Trucking Charge (10 c.y.)	90	/hour	\$ 70.00	\$ 6,300.00	yes
Trucking Charge (15 c.y.)	0	/hour	\$ 85.00	\$ -	yes
Trackhoe Demobilization	1	/trip	\$ 300.00	\$ 300.00	yes
Backhoe Demobilization	1	/hour	\$ 200.00	\$ 200.00	yes
Subtotal Page I-1				\$	25,041.29

Notes:

1. Report Preparation Costs include development of field reports, documentation of site investigation activities, reviewing and logging soil and groundwater analytical data, plume delineation, drilling summaries, well completion reports, drafting, off-site property owner correspondence, corrective action design and engineering development of site assessment report, corrective action plan, four years of document and analytical management and reporting (quarterly groundwater monitoring), and reimbursement package preparation.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276, 217-782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601, 312-814-6026

ROD R. BLAGOJEVICH, GOVERNOR

RENEE CIPRIANO, DIRECTOR

217/782-6762

CERTIFIED MAIL

7002 3150 0000 1251 7109

JUL 23 2004

RECEIVED
AUG 14 2004
BY: *[Signature]*

RECEIVED
JUL 26 2004
BY: *[Signature]*

Wayne Heal
7350 Miles Station Road
Bunker Hill, IL 62014

Re: LPC #1170105009 - Macoupin County
Bunker Hill/Bunker Hill Amoco (Heal, Wayne)
206 South Washington Street
LUST Incident No. 982437
LUST Technical File

Dear Mr. Heal:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the amendment to the High Priority Corrective Action Plan and High Priority Corrective Action Plan Budget submitted for the above-referenced incident. The Illinois EPA received this amendment, dated May 17, 2004, on May 19, 2004. Citations in this letter are from the Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Pursuant to Section 57.7(c)(4) of the Act and 35 Ill. Adm. Code 732.405(c), the amendment to the High Priority Corrective Action Plan is approved. The activities proposed in the amendment are appropriate to demonstrate compliance with Title XVI of the Act and 35 Ill. Adm. Code 732. Please note that all activities associated with the remediation of this release proposed in the amendment must be executed in accordance with all applicable regulatory and statutory requirements, including compliance with the proper permits.

The amendment to the High Priority Corrective Action Plan Budget is rejected for the reasons listed in Attachment A (Section 57.7(c)(4) of the Act and 35 Ill. Adm. Code 732.405(c) and 732.503(b)).

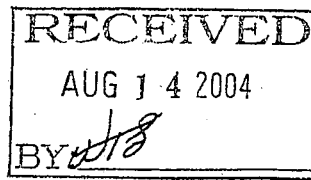
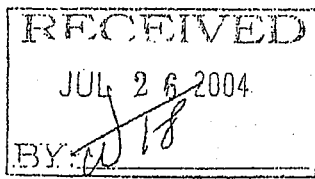
All future correspondence must be submitted to:

Illinois Environmental Protection Agency
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276

ROCKFORD - 4302 North Main Street, Rockford, IL 61103 - (815) 987-7760 • DES PLAINES - 9511 W. Harrison St., Des Plaines, IL 60016 - (847) 294-4000
ELGIN - 595 South State, Elgin, IL 60123 - (847) 608-3131 • PEORIA - 5415 N. University St., Peoria, IL 61614 - (309) 693-5463
BUREAU OF LAND - PEORIA - 7620 N. University St., Peoria, IL 61614 - (309) 693-5462 • CHAMPAIGN - 2125 South First Street, Champaign, IL 61820 - (217) 278
SPRINGFIELD - 4500 S. Sixth Street Rd., Springfield, IL 62706 - (217) 786-6892 • COLLINSVILLE - 2009 Mall Street, Collinsville, IL 62234 - (618) 346-5120
MARION - 2309 W. Main St., Suite 116, Marion, IL 62959 - (618) 993-7200

EXHIBIT

2



Please submit all correspondence in duplicate and include the Re: block shown at the beginning of this letter.

An underground storage tank system owner or operator may appeal this decision to the Illinois Pollution Control Board. Appeal rights are attached.

If you have any questions or need further assistance, please contact Trent Benanti at 217/524-4649.

Sincerely,

A handwritten signature in cursive script that reads "Michael T. Lowder".

Michael T. Lowder
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

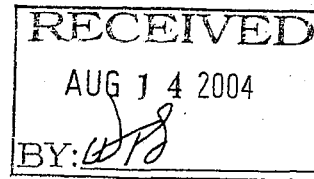
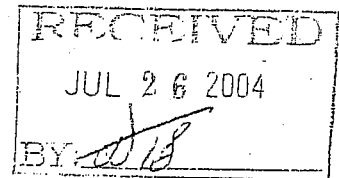
MTL:TLB:H:\Projects\Wayne Heal - Bunker Hill Amoco\Letter13a.doc

Attachments: Attachment A
Appeal Rights

c: CW³M Company, Inc.
Division File

Attachment A

Re: LPC #1170105009. – Macoupin County
Bunker Hill/Bunker Hill Amoco (Heal, Wayne)
206 South Washington Street
LUST Incident No. 982437
LUST Technical File



1. One of the overall goals of the financial review is to assure that the costs are adequately documented. Costs that lack supporting documentation are not eligible for payment from the Underground Storage Tank Fund because the Illinois EPA cannot determine whether the costs will be used for activities in excess of those necessary to meet the minimum requirements of the Illinois Environmental Protection Act.

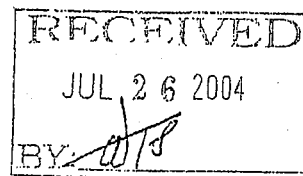
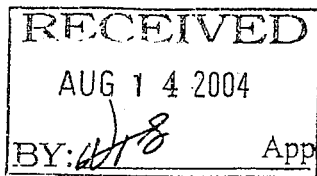
The amendment to the High Priority Corrective Action Plan Budget contains costs that are not adequately documented; therefore, the Illinois EPA cannot determine whether the costs proposed in the amendment will be used for activities in excess of those necessary to meet the minimum requirements of the Illinois Environmental Protection Act.

Specifically, the owner or operator has not provided documentation (justification) for the number of personnel and the number of personnel hours required to complete the corrective action. In addition, the owner or operator has not provided documentation (justification) for the excavation, transportation, disposal and backfill costs (field purchases and other costs).

The owner or operator shall explain why an environmental engineer, an engineering technician and a field supervisor/coordinator need to be on-site during the excavation and backfilling activities. The owner or operator shall also provide documentation for the excavation, transportation, disposal and backfill costs. These costs differ greatly from the Illinois EPA's statewide observations. The owner or operator shall compare the cost for different backfill materials and different suppliers.

2. The amendment to the High Priority Corrective Action Plan Budget contains handling charges that are not eligible for payment from the Underground Storage Tank Fund.

Specifically, handling charges associated with the Water Pollution Control Permit Fee are not eligible for payment from the Underground Storage Tank Fund.



An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board pursuant to Sections 40 and 57.7(c)(4)(D) of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision; however, the 35-day period may be extended for a period of time not to exceed 90 days by written notice from the owner or operator and the Illinois EPA within the initial 35-day appeal period. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

For information regarding the filing of an appeal, please contact:

Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, IL 60601
312/814-3620

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276
217/782-5544