

NM - 22

# MONITORING REPORTS

YEAR(S):

PHASE I

2000



3 October 2000  
AMEC Proposal No. PF00-0926

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

**Attention: Ms. Martyne Kieling**

**RE: SCOPE OF WORK  
PHASE I INVESTIGATION  
FORMER PETRO-THERMO CORPORATION  
GOODWIN TREATING PLANT FACILITY  
LEA COUNTY, NEW MEXICO**

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide you with this cost estimate to provide Phase I Investigation Services at the Goodwin Treating Plant located in Lea County, New Mexico. Scope of services were detailed in referenced Request for Proposal (RFP).

Acceptance of this proposal can be indicated by executing one copy in the space provided and returned to this office. This scope of work will follow the terms and conditions of AMEC's Site Maintenance and Monitoring Contract (PA No. 00-805-09-17658) awarded by the State of New Mexico, General Services Department. Where a specific item is warranted in the OCD scope of work and is not detailed in the GSA Contract, AMEC will use its most current Unit Fee Schedule.

All work performed at the site will conform with AMEC's Safety Policies and Procedures Manual. A site specific Health and Safety Plan (HASP) will be prepared prior to site mobilization. A record of safety topics covered and attendee list will be kept by AMEC and provided upon request. Safety meeting (tailgate meeting) will be held prior to commencing daily activities.

The Phase I Investigation scope of work will survey the referenced facility for the presence of natural occurring radioactive material (NORM) and collect samples from suspect asbestos materials. In addition, the content of the known on-site tanks will be evaluated to establish recycling or disposal options. Future phases of work may include the actual removal, recycle, or disposal of fluids/solids, equipment, and the characterization of on-site contaminants, if present.

Based on the number of uncertainties inherent in a project such as this, AMEC is unable to extend a fixed cost proposal. Instead, we are proposing a time and materials proposal.

It is anticipated that the project will begin on 10 October 2000 and continue for a period of 3 working days.

Oil Conservation Division  
Phase I Investigation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
3 October 2000  
AMEC Proposal No. PF00-0926



Phase I Services:

Mobilization/Demobilization

8 hours Senior Scientist @ \$75/hour	\$ 600.00
8 hours Senior Scientist @ \$75/hour	\$ 600.00
1,200 miles @ \$.25/mile	\$ 300.00
6 man days per diem @ \$60/day	<u>\$ 360.00</u>
Subtotal	\$1,860.00

On-Site Activities

20 hours Senior Scientist @ \$75/hour	\$1,500.00
20 hours Senior Scientist @ \$75/hour	\$1,500.00
1 week Survey Equipment @ \$125/week	<u>\$ 125.00</u>
Subtotal	\$3,125.00

Reporting/HASP Preparation/Project Management

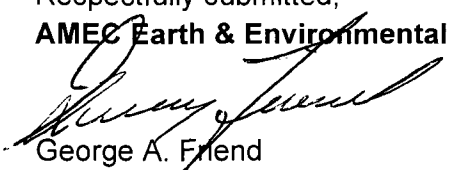
8 hours Senior Scientist @ \$75/hour	\$ 600.00
4 hours Clerical @ \$29/hour	\$ 116.00
4 hours Draftsman @ \$40/hour	<u>\$ 160.00</u>
Subtotal	\$ 876.00

Estimated Phase I Total \$5,861.00

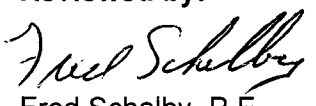
Should you have any questions, please feel free to contact our office.

Respectfully submitted,

**AMEC Earth & Environmental, Inc.**

  
George A. Friend  
Project Manager

**Reviewed by:**

  
Fred Schelby, P.E.  
Manager of Engineering

Copies: Addressee (2)

AMEC Earth & Environmental, Inc.  
8519 Jefferson, N.E.  
Albuquerque, New Mexico 87113  
Telephone: 505/821-1801  
Fax: 505/821-7371  
www.amec.com

Oil Conservation Division  
Phase I Investigation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
3 October 2000  
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Terms of payment are net 30 days. Payments not received within 30 days will be charged interest at the rate of 1.5 percent per month, an effective annual rate of 18 percent. If this matter is placed in the hands of an attorney for collection, the signatory agrees to pay, in addition to fees and interest due hereon, reasonable attorney's fees.

Accepted for Oil Conservation Division  
(Organization responsible for payment)

By \_\_\_\_\_  
(Name and title)

Signature \_\_\_\_\_ Date \_\_\_\_\_

STATE OF NEW MEXICO  
GENERAL SERVICES DEPARTMENT  
PURCHASING DIVISION

RECEIVED

GSD/PO 002-A (R)

SEP 25 2000

Environmental Bureau  
Oil Conservation Division

2002 August

TERMS AND CONDITIONS UNLESS OTHERWISE SPECIFIED

1. **General:** When the State Purchasing Agent issues a purchase document in response to the Vendor's bid, a binding contract is created.
2. **Variation in Quantity:** No variation in the quantity of any item called for by this order will be accepted unless such variation has been caused by conditions of loading, shipping, packing or allowances in manufacturing process, and then only to the extent, if any, specified elsewhere in this order.
3. **Assignment:**
  - A. Neither the order, nor any interest therein, nor claim thereunder, shall be assigned or transferred by the Vendor, except as set forth in subparagraph 3B below or as expressly authorized in writing by the state purchasing agent's office. No such assignment or transfer shall relieve the Vendor from the obligations and liabilities under this order.
  - B. Vendor agrees that any and all claims for overcharge resulting from antitrust violations which are borne by the State as to goods, services, and materials purchased in connection with this bid are hereby assigned to the State.
4. **State Furnished Property:** State furnished property shall be returned to the State upon request in the same condition as received except for ordinary wear, tear and modifications ordered hereunder.
5. **Discounts:** Prompt payment discounts will not be considered in computing the low bid. Discounts for payment within 20 days will be considered after the award of the contract. Discounted time will be computed from the date of receipt of the merchandise or invoice, whichever is later.
6. **Inspection:** Final inspection and acceptance will be made at the destination. Supplies rejected at the destination for non-conformance with specifications shall be removed, at the Vendor's risk and expense promptly after notice of rejection.
7. **Inspection of Plant:** The State Purchasing Agent may inspect, at any reasonable time, the part of the contractor's, or any subcontractor's plant or place of business, which is related to the performance of this contract.
8. **Commercial Warranty:** The Vendor agrees that the supplies or services furnished under this order shall be covered by the most favorable commercial warranties the Vendor gives to any customer for such supplies or services, and that the rights and remedies provided herein shall extend to the State and are in addition to and do not limit any rights afforded to the State by any other clause of this order. Vendor agrees not to disclaim warranties of fitness for a particular purpose of merchantability.
9. **Taxes:** The unit price shall exclude all State taxes.
10. **Packing, Shipping and Invoicing:**
  - A. The State's purchase document number and the Vendor's name, user's name and location shall be shown on each packing and delivery ticket, package, bill of lading and other correspondence in connection with the shipments. The user's count will be accepted by the Vendor as final and conclusive on all shipment not accompanied by a packing ticket.
  - B. The Vendor's invoice shall be submitted in triplicate, duly certified and shall contain the following information: order number, description of supplies or services, quantities, unit prices and extended totals. Separate invoices shall be rendered for each and every complete shipment.
  - C. Invoice must be submitted to the using agency and NOT THE STATE PURCHASING AGENT.
11. **Default:** The State reserves the right to cancel all or any part of this order without cost to the State, if the Vendor fails to meet the provisions of this order and, except as otherwise provided herein, to hold the Vendor liable for any excess cost occasioned by the State due to the Vendor's default. The Vendor shall not be liable for any excess costs if failure to perform the order arises out of causes beyond the control and without the fault or negligence of the Vendor; such causes include, but are not restricted to, acts of God or the public enemy, acts of the State or Federal Government, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather and defaults of subcontractors due to any of the above, unless the State shall determine that the supplies or services to be furnished by the subcontractor were obtainable from other sources in sufficient time to permit the Vendor to meet the required delivery scheduled. The rights and remedies of the State provided in this paragraph shall not be exclusive and are in addition to any other rights now being provided by law or under this order.
12. **Non-collusion:** In signing this bid, the Vendor certifies he/she has not, either directly or indirectly, entered into action in restraint of free competitive bidding in connection with this offer submitted to the State Purchasing Agent.
13. **Non-discrimination:** Vendors doing business with the State of New Mexico must be in compliance with the Federal Civil Rights Act of 1964 and Title VII of the Act, (Rev., 1979), and the Americans with Disabilities Act of 1990, (Public Law 101-336).
14. **The Procurement Code:** Sections 13-1-28 through 13-1-89 NMSA 1978 imposes civil and criminal penalties for its violation. In addition, the New Mexico criminal statutes impose felony penalties for bribes, gratuities and kickbacks.
15. All bid items are to be NEW and of most current production, unless otherwise specified.
16. **Payment for purchases:** Except as otherwise agreed to: Late payment charges may be assessed against the user state agency in the amount and under the conditions set forth in Section 13-1-158 NMSA 1978.
17. **Workers' Compensation:** The Contractor agrees to comply with state laws and rules pertaining to workers' compensation benefits for its employees. If the Contractor fails to comply with the Workers' Compensation Act and applicable rules when required to do so, this Agreement may be terminated by the contracting agency.
18. **ATTENTION:** Failure to complete all information on the bid envelope might necessitate the premature opening of the bid in order to identify the bid file. The bid number should be identified on the outside of the bid envelope.

**STATE OF NEW MEXICO  
GENERAL SERVICES DEPARTMENT  
PURCHASING DIVISION**

**DEPARTMENT  
PRICE AGREEMENT**

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**ARTICLE I - STATEMENT OF WORK**

Under the terms and conditions of this Price Agreement the using agency may issue orders for items and/or services described herein. The terms and conditions of this Price Agreement shall form a part of each order issued hereunder.

The item and/or services to be ordered shall be as listed under **ARTICLE IX - Price Schedule**. All orders issued hereunder will bear both an order number and this Price Agreement number. Ag It is understood that no guarantee or warranty is made or implied, by either the New Mexico State Purchasing Agent or the user, that any order for any definite quantity will be issued under this Price Agreement. The contractor is required to accept the order and furnish the items and/or services in accordance with the articles contained hereunder for the quantity of each order issued.

**ARTICLE II - TERM**

The term of this Price Agreement for issuance of orders shall be as indicated in specifications

**ARTICLE III - SPECIFICATIONS**

Items and/or services furnished hereunder shall conform to the requirements of specifications and/or drawings applicable to items listed under **ARTICLE IX - Price Schedule**. Orders issued against this schedule will show the applicable Price Agreement item(s), numbers(s), and price(s); however they may not describe the item(s) fully.

**ARTICLE IV - SHIPPING AND BILLING INSTRUCTIONS**

Contractor shall ship in accordance with the instructions of this form. Shipment shall be made only against specific orders which the user may place with the contractor during the term indicated in **ARTICLE II - TERM**. The contractor shall enclose a packing list with each shipment listing the order number, Price Agreement number and the commercial parts number (if any) for each item. Delivery shall be made as indicated on page 1. If vendor is unable to meet stated delivery the State Purchasing Agent must be notified.

**ARTICLE V - TERMINATION**

This Price Agreement may be terminated by either signing party upon written notice to the other at least thirty (30) days in advance of the date of termination. Notice of Termination of the Price Agreement **SHALL NOT AFFECT ANY OUTSTANDING ORDERS**.

**ARTICLE VI- AMENDMENT**

This Price Agreement may be amended by mutual agreement of the NM State Purchasing Agent and the contractor upon written notice by either party to the other. An amendment to this Price Agreement **SHALL NOT AFFECT ANY OUTSTANDING ORDERS** issued prior to the effective date of the amendment as mutually agreed upon, and as published by the NM state Purchasing Agent. Amendments affecting price adjustments and/or extension of contract expiration are not allowed unless specifically provided for in the bid and contract documents.

**ARTICLE VII - ISSUANCE OR ORDERS**

Only written signed orders are valid under this Price Agreement. Form SPD-001A is the approved form for state agencies issuing Contract Orders under this Price Agreement. Other authorized government entities may utilize form SPD-001A or forms adapted by them for their own use.

**ARTICLE VIII - PACKING (IF APPLICABLE)**

Packing shall be in conformance with standard commercial practices.

**ARTICLE IX - PRICE SCHEDULE**

Prices as listed in the Price Schedule hereto attached, **ARE FIRM**.

## STATE OF NEW MEXICO

GENERAL SERVICES DEPARTMENT

00-805-09-17658

PURCHASING DIVISION

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## CONTRACT VENDORS:

( 1 )-5080420	505-821-1801	PAY DISC:	NET 45
AGRA EARTH & ENVIRONMENTAL INC		FOB:	DESTINATION
8519 JEFFERSON NE		DELIVERY:	AS REQUESTED
ALBUQUERQUE		NM 87113-0000 TAX-ID -	
( 4 )-5362041	505-243-5494	PAY DISC:	NET 30
FAITH ENGINEERING INC		FOB:	DESTINATION
ATTN:STUART E FAITH		DELIVERY:	UPON ORDER
1000 LOMAS BLVD NW			
ALBUQUERQUE		NM 87102-0000 TAX-ID -	
( 7 )-5422702	505-334-7373	PAY DISC:	NET
KLEINFELDER INC		FOB:	DESTINATION
4905 HAWKINS NE		DELIVERY:	AS REQUESTED
ALBUQUERQUE		NM 87109-0000 TAX-ID -	
( 9 )-5187719	505-268-2661	PAY DISC:	NET 30
RESPEC INC		FOB:	DESTINATION
4775 INDIAN SCHOOL RD NE		DELIVERY:	AS REQUESTED
SUITE 300			
ALBUQUERQUE		NM 87110-0000 TAX-ID -	

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STATE WIDE MULTIPLE SITE MONITORING AND REPORTING AT VARIOUS M001  
SITES INCLUDING TUCUMCARI, SANTA ROSA, WILLIAMSBURG, CARLSBAD,  
"OLD" GALLUP, "OLD" BELEN MAINTENANCE PATROL YARDS  
AND OTHER SITES AS REQUIRED. SAMPLING OF SOIL AND GROUNDWATER  
CONTAMINATED BY DIESEL, GASOLINE SALT OR OTHER CONTAMINANTS.  
AWARD WILL BE TO LOWEST RESPONSIVE BIDDER, "ALL OR NONE."

-  
TO ESTABLISH A CONTRACT FOR A PERIOD OF TWO YEARS FROM  
DATE OF AWARD, FOR WORK AT NMSHTD MAINTENANCE YARDS OR OTHER  
SITES. WORK SHALL CONSIST OF WORKPLAN PREPARATION,  
SAMPLING FOR LABORATORY TESTING\* OF  
GROUNDWATER IN ON-SITE WELLS AND SITE SOIL.  
QUARTERLY REPORTS IN THREE (3) COPIES ARE REQUIRED,  
PER SITE. NO "MARK-UP" OF SUBCONTRACTOR COSTS SHALL BE  
ALLOWED.

-  
SCOPE OF WORK:

PREPARATION AND MANAGEMENT OF WORKPLANS, INCLUDING  
COORDINATION WITH THE NEW MEXICO ENVIRONMENT DEPARTMENT.  
MANAGEMENT OF FIELD AND LABORATORY WORK, INCLUDING

-----  
PREPARATION OF REPORTS AND C.A.F. CLAIMS, UNDER THE  
SUPERVISION OF A N.M. CERTIFIED SCIENTIST.

-----  
SOIL AND GROUNDWATER MONITORING OF EXSITING SITE WELLS  
AND STOCKPILES BY SAMPLING,

-----  
LABORATORY TESTING AND REPORTING 4 TIMES YEARLY. EMERGENCY  
AND CONTINGENCY MANAGEMENT OF COST NOT ANTICIPATED IN THIS

-----  
SCOPE OF WORK SUCH AS DAMAGE TO SURFACE AND SUBSURFACE  
EQUIPMENT AND WELLS CAUSED BY EARTHQUAKE, VANDALISM, VIOLENT  
WEATHER OR OTHER EVENTS. ELECTRICAL, PLUMBING, MASONRY,  
CARPENTRY, DRILLING AND EXCAVATION WORK MAY BE REQUIRED.

TASK DESCRIPTION FREQUENCY  
-----

- A. WORKPLAN PREPARATION.....YEARLY
- B. GROUNDWATER SAMPLING\*.....QUARTER YEARLY
- C. REPORTING.....QUARTER YEARLY
- D. C.A.F. CLAIM PREPARATION.....TWICE YEARLY



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E. CONTINGENCY EVENTS & SOIL SAMPLING\*.....AS REQUIRED

-  
\*COSTS OF LABORTARY ANALYSES SHALL BE COORDINATED  
WITH AND BY NMSHTD USING A SEPARATE PRICE AGREEMENT  
FOR WATER, SOIL AND AIR SAMPLES.

HOURLY RATES MUST CONFORM TO THE CATEGORIES DEFINED  
HEREIN. INDIVIDUALS ASSIGNED TO A TASK MUST MEET  
THE MINIMUM EDUCATION/EXPERIENCE CRITERIA. PAYMENT  
WILL BE BASED ON TASK PERFORMED.

M002

EXPENSES  
-----

EXPENSES NOT EXPLICITLY PRE-APPROVED MAY BE BILLED TO THE  
DEPARTMENT AT RATES THAT DO NOT EXCEED THE MAXIMUM LISTED  
BELOW FOR RENTAL OR PURCHASE. THE TOTAL BILLABLE COST FOR  
RENTAL EQUIPMENT SHALL NOT EXCEED 120% OF THE PURCHASE  
PRICE. EXPENSES AND ORDINARY INVESTIGATIVE AND REMEDIAL  
EQUIPMENT NOT LISTED MAY BE BILLED AT RATES NOT TO EXCEED  
USUAL AND CUSTOMARY RENTAL OR LEASE RATES, OR AT COST.  
SPECIALIZED INVESTIGATIVE OR REMEDIAL EQUIPMENT  
MANUFACTURED IN-HOUSE MAY BE BILLED AT COST.  
SHIPPING, TELEPHONE & ELECTRICAL CHARGES SHALL BE  
BILLED AT COST, INVOICES TO BE PROVIDED QUARTERLY  
TO USER FACILITY.

M003

-  
TAX NOTE: PRICE SHALL NOT INCLUDE STATE GROSS RECEIPTS TAX  
OR LOCAL OPTION TAX(ES). SUCH TAX OR TAXES SHALL BE ADDED  
TO EACH INDIVIDUAL ITEM BID AT APPROPRIATE RATE.

-  
BONDING:

BID SECURITY IN THE FORM OF A SURETY BOND EXECUTED BY A  
SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF  
NEW MEXICO SHALL BE REQUIRED IN THE AMOUNT OF \$10,000.00.

-  
A 100% PERFORMANCE BOND AND A 100% PAYMENT AND MATERIALS  
BOND EXECUTED BY A SURETY COMPANY AUTHORIZED TO DO  
BUSINESS IN THE STATE OF NEW MEXICO WILL BE REQUIRED OF THE  
SUCCESSFUL BIDDER PRIOR TO AWARD OF CONTRACT.

-  
CONTRACTOR(S) FURTHER AGREES TO:

A. FURNISH ALL EQUIPMENT, LABOR AND TOOLS REQUIRED TO  
PERFORM THE WORK SPECIFIED.

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- B. PROVIDE COMPETENT SUPERVISION AND SKILLED PERSONNEL TO CARRY ON ALL WORK IN PROGRESS.
- C. COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS GOVERNING SAFETY, HEALTH AND SANITATION. THE CONTRACTOR SHALL PROVIDE ALL SAFEGUARDS, SAFETY DEVICES AND PROTECTIVE EQUIPMENT, AND TAKE ANY OTHER NEEDED ACTIONS NECESSARY TO PROTECT THE LIFE AND HEALTH OF EMPLOYEES ON THE JOB AND THE SAFETY OF THE PUBLIC, AND TO PROTECT THE PROPERTY OF THE STATE OF NEW MEXICO IN CONNECTION WITH THE PERFORMANCE OF THE WORK COVERED BY THIS CONTRACT.
- D. PROVIDE WORKMEN ADEQUATE INSURANCE, INCLUDING BUT NOT LIMITED TO WORKMAN'S COMPENSATION.
- E. MAKE NECESSARY ARRANGEMENTS FOR STORAGE OF HIS TOOLS AND/OR EQUIPMENT. THE NMSHTD WILL NOT BE RESPONSIBLE FOR ANY LOST OR STOLEN PROPERTY.
- F. BE RESPONSIBLE FOR ALL CLEANUP WORK ON THE PROJECT SITE(S) AND AT THE EQUIPMENT STORAGE AREA(S) PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
- G. COMPLY WITH ALL APPLICABLE CODES FOR THIS TYPE OF WORK.
- H. BE HELD LIABLE FOR ANY DAMAGES WHICH OCCUR BECAUSE OF HIS NEGLIGENCE OR THAT OF HIS EMPLOYEES.

THIS IS A PUBLIC WORKS CONTRACT, SUBJECT TO THE PROVISIONS OF THE PUBLIC WORKS MINIMUM WAGE ACT, SECTIONS 13-14-11 THRU 13-4-17, ET SEQ. NMSA 1978 AS AMENDED. MINIMUM WAGE RATES AS DETERMINED AND PUBLISHED BY THE STATE LABOR COMMISSION, SANTA FE, NM SHALL BE IN EFFECT AND UTILIZED BY THE CONTRACTOR DURING THE LIFE OF THIS CONTRACT. WAGE DECISION NO. \_\_\_\_\_ DATED \_\_\_\_\_ IS A PART OF THIS AGREEMENT.

A POTENTIAL CONTRACTOR OR THE CONTRACTOR AGREES TO COMPLY WITH STATE LAWS AND RULES PERTAINING TO WORKER'S COMPENSATION INSURANCE COVERAGE FOR ITS EMPLOYEES, IF CONTRACTOR FAILS TO COMPLY, WITH THE WORKER'S COMPENSATION ACT AND APPLICABLE RULES WHEN REQUIRED TO DO SO, THE CONTRACT MAY BE CANCELLED EFFECTIVE IMMEDIATELY.

CONTRACTOR(S) SHALL INDEMNIFY AND HOLD HARMLESS THE STATE, ITS OFFICERS AND EMPLOYEES, AGAINST LIABILITY, CLAIMS,

M004

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DAMAGES, LOSSES OR EXPENSES ARISING OUT OF BODILY INJURY TO PERSONS OR DAMAGE TO PROPERTY CAUSED BY, OR RESULTING FROM, CONTRACTOR(S) AND/OR ITS EMPLOYEES, OWN NEGLIGENT ACT(S) OR OMISSION(S) WHILE CONTRACTOR, AND/OR ITS EMPLOYEES, PERFORM(S) OR FAILS TO PERFORM IT'S OBLIGATIONS AND DUTIES UNDER THE TERMS AND CONDITIONS OF THIS AGREEMENT. THIS SAVE HARMLESS AND INDEMNIFICATION CLAUSE IS SUBJECT TO THE IMMUNITIES, PROVISIONS, AND LIMITATIONS OF THE TORT CLAIMS ACT (41-4-1, ET SEQ., N.M.S.A. 1978 COMP) AND SECTION 56-7-1, N.M.S.A. 1978 COMP. AND ANY AMENDMENTS THERETO. IT IS SPECIFICALLY AGREED BETWEEN THE PARTIES EXECUTING THIS AGREEMENT THAT IT IS NOT INTENDED BY ANY OF THE PROVISIONS OF ANY PART OF THE AGREEMENT TO CREATE THE PUBLIC OR ANY MEMBER THEREOF A THIRD PARTY BENEFICIARY OR TO AUTHORIZE ANYONE NOT A PARTY TO THE AGREEMENT TO MAINTAIN A SUIT(S) FOR WRONGFUL DEATH(S), BODILY AND/OR PERSONAL INJURY(IES) TO PERSON(S), DAMAGE(S) TO PROPERTY(IES) AND/OR ANY OTHER CLAIM(S) WHATSOEVER PURSUANT TO THE PROVISIONS OF THIS AGREEMENT.

THE CONTRACTOR SHALL PROCURE AND MAINTAIN AT THE CONTRACTOR'S EXPENSE INSURANCE OF THE KINDS AND IN THE AMOUNTS HEREIN PROVIDED. THIS INSURANCE SHALL BE PROVIDED BY INSURANCE COMPANIES AUTHORIZED TO DO BUSINESS IN NEW MEXICO AND SHALL COVER ALL OPERATIONS UNDER THE CONTRACT, WHETHER PERFORMED BY THE CONTRACTOR, THE CONTRACTOR'S AGENTS OR EMPLOYEES OR BY SUBCONTRACTORS. ALL INSURANCE PROVIDED SHALL REMAIN IN FULL FORCE AND EFFECT FOR THE ENTIRE PERIOD OF THE WORK, UP TO AND INCLUDING FINAL ACCEPTANCE, AND THE REMOVAL OF ALL EQUIPMENT AND EMPLOYEES, AGENTS AND SUBCONTRACTORS THEREFROM.

A) PUBLIC LIABILITY AND AUTOMOBILE LIABILITY INSURANCE.

1. GENERAL LIABILITY: BODILY INJURY LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE APPLICABLE IN FULL TO THE SUBJECT PROJECT SHALL BE PROVIDED IN THE FOLLOWING MINIMUM AMOUNTS:

BODILY INJURY LIABILITY:

\$1,000,000 EACH PERSON; \$2,000,000 EACH OCCURRENCE  
(ANNUAL AGGREGATE)

PROPERTY DAMAGE LIABILITY:

\$2,000,000 EACH OCCURRENCE (ANNUAL AGGREGATE)

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- A. THE POLICY TO PROVIDE THIS INSURANCE IS TO BE WRITTEN ON A COMPREHENSIVE GENERAL LIABILITY FORM OR COMMERCIAL GENERAL LIABILITY FORM WHICH MUST INCLUDE THE FOLLOWING:
1. COVERAGE FOR LIABILITY ARISING OUT OF THE OPERATION OF INDEPENDENT CONTRACTORS.
  2. COMPLETED OPERATION COVERAGE.
  3. ATTACHMENT OF THE BROAD FORM COMPREHENSIVE GENERAL LIABILITY ENDORSEMENT.
- B. IN THE EVENT THAT THE USE OF EXPLOSIVES IS A REQUIRED PART OF THE CONTRACT, THE CONTRACTORS INSURANCE MUST INCLUDE COVERAGE FOR INJURY TO OR DESTRUCTION OF PROPERTY ARISING OUT OF BLASTING OR EXPLOSION.
- C. IN THE EVENT THAT A FORM OF WORK NEXT TO AN EXISTING BUILDING OR STRUCTURE IS A REQUIRED PART OF THE CONTRACT, THE CONTRACTOR'S INSURANCE MUST INCLUDE COVERAGE FOR INJURY TO OR DESTRUCTION OF PROPERTY ARISING OUT OF:
1. THE COLLAPSE OF OR STRUCTURAL INJURY TO BUILDINGS OR STRUCTURES DUE TO EXCAVATION, INCLUDING BURROWING, FILLING OR BACK-FILLING IN CONNECTION THEREWITH, OR TO TUNNELING, COFFERDAM WORK OR CAISSON WORK OR TO MOVING, SHORING, UNDERPINNING, RAZING OR DEMOLITION OF BUILDINGS OR STRUCTURES OR REMOVAL OR REBUILDING OF STRUCTURAL SUPPORTS THEREOF.
- D. COVERAGE MUST BE INCLUDED FOR INJURY TO OR DESTRUCTION OF PROPERTY ARISING OUT OF INJURY TO OR DESTRUCTION OF WIRES, CONDUITS, PIPES, MAINS, SEWERS OR OTHER SIMILAR PROPERTY OR ANY APPARTUS IN CONNECTION THEREWITH BELOW THE SURFACE OF THE GROUND, IF SUCH INJURY OR DESTRUCTION IS CAUSED BY OR OCCURS DURING THE USE OF MECHANICAL EQUIPMENT FOR THE PURPOSE OF EXCAVATING, DIGGING OR DRILLING, OR TO INJURY TO OR DESTRUCTION OF PROPERTY AT ANY TIME RESULTING THEREFROM.

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2. AUTOMOBILE LIABILITY INSURANCE COVERAGE  
FOR THE CONTRACTOR (WHETHER INCLUDED IN  
THE POLICY PROVIDING GENERAL LIABILITY  
INSURANCE OR IN A SEPERATE POLICY) MUST  
PROVIDE LIABILITY FOR THE OWNERSHIP,  
OPERATION AND MAINTENANCE OF OWNED,  
NON-OWNED AND HIRED CARS. THE LIMITS  
OF LIABILITY INSURANCE SHALL BE  
PROVIDED IN THE FOLLOWING AMOUNTS:

BODILY INJURY LIABILITY:

\$1,000,000 EACH PERSON:  
\$2,000,000 EACH OCCURRENCE  
(ANNUAL AGGREGATE)

PROPERTY DAMAGE LIABILITY:

\$2,000,000 EACH OCCURRENCE  
(ANNUAL AGGREGATE)

B. WORKER'S COMPENSATION INSURANCE.

THE CONTRACTOR'S SHALL ALSO CARRY WORKER'S  
COMPENSATION INSURANCE OR OTHERWISE FULLY  
COMPLY WITH THE PROVISION OF THE NEW MEXICO  
WORKMEN'S COMPENSATION ACT AND OCCUPATIONAL  
DISEASE DISABLEMENT LAW.

IF THE CONTRACTOR IS AN "OWNER-OPERATOR" OF SUCH  
EQUIPMENT, IT IS AGREED THAT THE STATE OF NEW  
MEXICO ASSUMES NO RESPONSIBILITY, FINANCIAL OR  
OTHERWISE, FOR ANY INJURIES SUSTAINED BY THE  
"OWNER-OPERATOR" DURING THE PERFORMANCE OF SAID  
CONTRACT.

- C. CERTIFICATE OF INSURANCE/DEPARTMENT AS  
ADDITIONAL INSURED. THE CONTRACTOR  
BEING AWARDED THE CONTRACT/PRICE AGREE-  
MENT SHALL FURNISH EVIDENCE OF CONTRACT-  
OR'S INSURANCE COVERAGE BY A CERTIFICATE  
OF INSURANCE. THE CERTIFICATE OF INSUR-  
ANCE SHALL BE SUBMITTED PRIOR TO AWARD  
OF THE CONTRACT/PRICE AGREEMENT.

THE CONTRACTOR SHALL HAVE THE N.M. STATE

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HIGHWAY & TRANSPORTATION DEPARTMENT NAMED  
AS AN ADDITIONAL INSURED ON THE COMPRE-  
HENSIVE GENERAL LIABILITY FORM OR COMMER-  
CIAL GENERAL LIABILITY FORM FURNISHED BY  
THE CONTRACTOR PURSUANT TO PARAGRAPH (A)  
1. AND (A) 2., OF THIS SUBSECTION. THE  
CERTIFICATE OF INSURANCE SHALL STATE THAT  
THE COVERAGE PROVIDED UNDER THE POLICY IS  
PRIMARY OVER ANY OTHER VALID AND COLLECT-  
IBLE INSURANCE.

THE CERTIFICATE OF INSURANCE SHALL ALSO  
INDICATE COMPLIANCE WITH THESE SPECIFI-  
CATIONS AND SHALL CERTIFY THAT THE COVER-  
AGE SHALL NOT BE CHANGED, CANCELLED OR  
ALLOWED TO LAPSE WITHOUT GIVING THE  
DEPARTMENT THIRTY (30) DAYS WRITTEN NOTICE  
ALSO, A CERTIFICATE OF INSURANCE SHALL BE  
FURNISHED TO THE DEPARTMENT ON RENEWAL OF  
A POLICY OR POLICIES AS NECESSARY DURING  
THE TERMS OF THE CONTRACT. THE DEPARTMENT  
SHALL NOT ISSUE A NOTICE TO PROCEED UNTIL  
SUCH TIME AS THE ABOVE REQUIREMENTS HAVE  
BEEN MET.

D. UMBRELLA COVERAGE: THE INSURANCE LIMITS  
CITED IN THE ABOVE PARAGRAPHS ARE MINIMUM  
LIMITS. THIS SPECIFICATION IS IN NO WAY  
INTENDED TO DEFINE WHAT CONSTITUTES ADEQU-  
ATE INSURANCE COVERAGE FOR INDIVIDUAL CON-  
TRACTOR. THE DEPARTMENT WILL RECOGNIZE  
FOLLOWING FORM EXCESS COVERAGE (UMBRELLA)  
AS MEETING THE REQUIREMENTS OF SUBSECTION  
(A) 1.A. OF SECTION, SHOULD SUCH INSURANCE  
OTHERWISE MEET ALL REQUIREMENTS OF SUCH  
SUBSECTIONS.

E. OTHER REQUIRED INSURANCE: THE CONTRACTOR  
SHALL PROCURE AND MAINTAIN, WHEN REQUIRED  
BY THE DEPT., FORM AND TYPES OF BAILEE  
INSURANCE SUCH AS, BUT NOT LIMITED TO,  
BUILDER'S RISK INSURANCE, CONTRACTOR'S  
EQUIPMENT INSURANCE, RIGGER'S LIABILITY  
PROPERTY INSURANCE, ETC. IN AN AMOUNT  
NECESSARY TO PROTECT THE DEPARTMENT  
AGAINST CLAIMS, LOSSES AND EXPENSES  
ARISING FROM THE DAMAGE, DISAPPEARANCE

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OR DESTRUCTION OF PROPERTY OF OTHERS IN  
THE CARE, CUSTODY OR CONTROL OF THE  
CONTRACTOR, INCLUDING PROPERTY OF OTHERS  
BEING INSTALLED, ERECTED OR WORKED UPON  
BY THE CONTRACTOR, HIS AGENTS OR SUB-  
CONTRACTORS.

F. RAILROAD INSURANCE: IN THE EVENT THAT  
RAILROAD PROPERTY IS AFFECTED BY THE SUB-  
JECT CONTRACT, THE CONTRACTOR, IN ADDITION  
TO THE ABOVE REQUIREMENTS, SHALL BE RE-  
QUIRED TO FURNISH A RAILROAD PROTECTIVE  
LIABILITY POLICY IN THE NAME OF THE RAIL-  
ROAD COMPANY INVOLVED. IN ADDITION, ON  
THOSE RAILS THAT ARE USED BY THE NATIONAL  
RAILROAD PASSENGER CORPORATION (NRPC), THE  
CONTRACTOR WILL ALSO OBTAIN A RAILROAD  
PROTECTIVE LIABILITY POLICY IN THE NAME OF  
NRPC.

THE LIMITS OF LIABILITY FOR THE RAILROAD PROTECTIVE  
LIABILITY POLICY (OR POLICIES) MUST BE NEGOTIATED  
WITH THE RAILROAD COMPANY ON A HAZARD AND RISK  
BASIS IN NO EVENT WILL THE LIMITS EXCEED THE  
FOLLOWING:

BODILY INJURY LIABILITY, PROPERTY DAMAGE  
LIABILITY:

\$2,000,000 EACH OCCURANCE

LIABILITY AND PHYSICAL DAMAGE TO PROPERTY:

\$6,000,000 AGGREGATE

THE LIMITS OF LIABILITY STATED ABOVE APPLY TO THE  
COVERAGE AS SET FORTH IN THE RAILROAD PROTECTIVE  
LIABILITY ENDORSEMENT FORM, SUBJECT TO THE TERMS,  
CONDITIONS AND EXCLUSIONS FOUND IN THE FORM.

THE POLICY MUST AFFORD COVERAGE AS PROVIDED IN THE  
STANDARD RAILROAD PROTECTIVE LIABILITY ENDORSEMENT  
(AASHTO FORM).

THE CONTRACTOR AGREES TO COMPLY WITH STATE LAWS AND RULES  
PERTAINING TO WORKERS' COMPENSATION INSURANCE COVERAGE FOR

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ITS EMPLOYEES. IF CONTRACTOR FAILS TO COMPLY WITH THE  
WORKERS' COMPENSATION ACT AND APPLICABLE RULES WHEN  
REQUIRED TO DO SO, THE CONTRACT MAY BE CANCELLED EFFECTIVE  
IMMEDIATELY.

THE PRICE QUOTED HEREIN REPRESENTS THE TOTAL COMPENSATION  
TO BE PAID BY THE STATE FOR GOODS AND/OR SERVICES PROVIDED.  
IT IS UNDERSTOOD THAT THE PARTY PROVIDING SAID GOODS AND/OR  
SERVICES TO THE STATE IS RESPONSIBLE FOR PAYMENT OF ALL  
COSTS OF LABOR, EQUIPMENT, TOOLS, MATERIALS, FEDERAL TAX,  
PERMITS, LICENSES, FEES AND ANY OTHER ITEMS NECESSARY TO  
COMPLETE THE WORK PROVIDED. THE PRICES QUOTED IN THIS  
CONTRACT INCLUDE AN AMOUNT SUFFICIENT TO COVER SUCH COSTS.

M005

THE CONDITIONS AND SPECIFICATIONS SENT OUT IN THE INVITATION  
TO BID ARE INSEPARABLE AND INDIVISIBLE. ANY VENDOR, BY SUB-  
MITTING A BID, AGREES TO BE BOUND BY ALL SUCH CONDITIONS OR  
SPECIFICATIONS SENT OUT IN THIS INVITATION TO BID, AND ALL  
OTHER DOCUMENTS REQUIRED TO BE SUBMITTED, SHALL BE RETURNED  
BY THE VENDOR IN HIS BID PACKAGE. FAILURE TO DO SO OR ANY  
ATTEMPT TO VARY OR CHANGE THE CONDITIONS OR SPECIFICATIONS  
OF THE BID SHALL, AT THE DISCRETION OF THE STATE CONSTITUTE  
GROUNDS FOR REJECTION OF THE ENTIRE BID.

-  
BIDDERS SHALL PROMPLY NOTIFY THE NMSHTD OF ANY AMBIGUITY,  
INCONSISTENCY OR ERROR WHICH THEY MAY DISCOVER UPON THE  
EXAMINATION OF THE BIDDING DOCUMENTS, OR OF THE SITE AND  
LOCAL CONDITIONS.

-  
THE OWNER SHALL HAVE THE RIGHT TO REJECT ANY OR ALL BIDS,  
AND IN PARTICULAR TO REJECT A BID NOT ACCOMPANIED BY DATA  
REQUIRED BY THE BIDDING DOCUMENTS, OR A BID IN ANY WAY  
INCOMPLETE OR IRREGULAR.

CONTRACTOR SHALL BE CONSIDERED AN INDEPENDENT CONTRACTOR  
AND NOT AN EMPLOYEE OF THE STATE OF NEW MEXICO. HOWEVER,  
DIRECTIONS AS TO TIME AND PLACE OF PERFORMANCE AND  
COMPLIANCE WITH RULES AND REGULATIONS MAY BE REQUIRED  
BY THE USING AGENCY.

-  
PAYMENT FOR SERVICES PERFORMED WILL BE INITIATED UPON  
FINAL ACCEPTANCE AND INSPECTION OF WORK.

-  
WITHIN FIFTEEN DAYS AFTER THE DATE THE DEPARTMENT RECEIVES  
WRITTEN NOTICE FROM THE CONTRACTOR THAT PAYMENT IS REQUESTED  
FOR SERVICES, CONSTRUCTION OR ITEMS OF TANGIBLE PERSONAL  
PROPERTY DELIVERED ON SITE AND RECEIVED, THE DEPARTMENT



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SHALL ISSUE A WRITTEN CERTIFICATION OF COMPLETE OR PARTIAL ACCEPTANCE OR REJECTION OF THE SERVICES, CONSTRUCTION OR ITEMS OF TANGIBLE PERSONAL PROPERTY. IF THE DEPARTMENT FINDS THAT THE SERVICES, CONSTRUCTION OR ITEM OF TANGIBLE PERSONAL PROPERTY ARE NOT ACCEPTABLE, IT SHALL, WITHIN THIRTY (30) DAYS AFTER THE DATE OF RECEIPT OF WRITTEN NOTICE FROM THE CONTRACTOR THAT PAYMENT IS REQUESTED, PROVIDE TO THE CONTRACTOR A LETTER OF EXCEPTION EXPLAINING THE DEFECT OR OBJECTION TO THE SERVICES, CONSTRUCTION OR DELIVERED TANGIBLE PERSONAL PROPERTY ALONG WITH DETAILS OF HOW THE CONTRACTOR MAY PROCEED TO PROVIDE REMEDIAL ACTION. UPON CERTIFICATION BY THE DEPARTMENT THAT THE SERVICES, CONSTRUCTION OR ITEMS OF PERSONAL PROPERTY HAVE BEEN RECEIVED AND ACCEPTED, PAYMENT SHALL BE TENDERED TO THE CONTRACTOR WITHIN THIRTY (30) DAYS AFTER THE DATE OF CERTIFICATION. IF PAYMENT IS MADE BY MAIL, THE PAYMENT SHALL BE DEEMED TENDERED ON THE DATE IT IS POSTMARKED. AFTER THE THIRTIETH DAY FROM THE DATE THAT WRITTEN CERTIFICATION OF ACCEPTANCE IS ISSUED, LATE PAYMENT CHARGES SHALL BE PAID ON THE UNPAID BALANCE DUE ON THE CONTRACT TO THE CONTRACTOR AT THE RATE OF 1-1/2 PERCENT PER MONTH. FOR PURCHASES FUNDED BY STATE OR FEDERAL GRANTS TO LOCAL PUBLIC BODIES, IF THE LOCAL PUBLIC BODY HAS NOT RECEIVED THE FUNDS FROM THE FEDERAL OR STATE FUNDING AGENCY, BUT HAS ALREADY CERTIFIED THAT THE SERVICES, CONSTRUCTION OR ITEMS OF TANGIBLE PERSONAL PROPERTY HAVE BEEN RECEIVED AND ACCEPTED, PAYMENTS SHALL BE TENDERED TO THE CONTRACTOR WITHIN FIVE (5) WORKING DAYS OF RECEIPT OF FUNDS FROM THAT FUNDING AGENCY.

-  
FINAL PAYMENTS SHALL BE MADE WITHIN THIRTY DAYS AFTER THE WORK HAS BEEN APPROVED AND ACCEPTED BY THE DEPARTMENT'S SECRETARY OR HIS DULY AUTHORIZED REPRESENTATIVE.

VENDOR SHALL FURNISH NEW MEXICO CONTRACTORS LICENSE  
NUMBER WITH BID. N.M. CONTRACTORS LICENSE NO. \_\_\_\_\_  
GS-29 LICENSE NO. \_\_\_\_\_

M006

ALL WORK SHALL BE PERFORMED DURING NORMAL WORKING HOURS,  
WEEKDAYS FROM 7:30 A.M. THRU 4:00 P.M.. NO WORK SHALL BE  
PERFORMED ON SATURDAYS, SUNDAYS, OR HOLIDAYS, UNLESS PRIOR  
APPROVAL IS OBTAINED FROM THE NMSHTD. COORDINATION FOR ALL  
WORK PERFORMED WILL BE MADE BY CONTACTING THE STATE  
MAINTENANCE BUREAU, P.O. BOX 1149, SANTA FE, NM 87504-1149.  
(505) 827-5699.

M007

VENDORS ARE REQUESTED TO INDICATE THEIR FEDERAL TAX ID,  
NM CRS OR SOCIAL SECURITY NUMBER \_\_\_\_\_.

M008

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0001 50.0 HOURLY PRINCIPAL -- GRADUATE SCIENCE DEGREE OR  
ENGINEERING DEGREE, PLUS FIVE (5) YEARS  
EXPERIENCE, OR AT LEAST TEN (10) YEARS  
EXPERIENCE IN INVESTIGATION AND REMEDIATION  
OF CONTAMINATION IN SOIL AND GROUND WATER.  
ADMINISTRATIVE AND/OR PROFESSIONAL HEAD OF  
ORGANIZATION. DIRECTS PROFESSIONAL STAFF.  
CHARGES A VERY LIMITED NUMBER OF HOURS PER  
SITE, AS IN REVIEW OF PROJECT DOCUMENTS.

75.000000 ( 1)

120.000000 ( 4)

40.000000 ( 7)

100.000000 ( 9)

0002 200.0 HOURLY SENIOR SCIENTIST/ENGINEER--SCIENCE OR  
ENGINEERING DEGREE AND AT LEAST THREE  
(3) YEARS APPLICABLE EXPERIENCE. PROFESSIONAL  
REGISTRATION WHEN APPLICABLE. SENIOR TECHNICAL  
LEADER. DEVELOPS TECHNICAL AND BUDGETARY  
APPROACH TO WORK ORDER. DUTIES INCLUDE ACQUIFER  
CHARACTERIZATION, REVIEW OF TECHNICAL  
REPORTS AND REMEDIAL ACTION PLANS. SUPERVISE  
WORK ACTIVITIES OF LOWER LEVEL PROFESSIONAL  
STAFF. COORDINATES AND COMMUNICATES WITH  
AGENCY PERSONNEL AND CLIENT REGARDING CONTRACTS,  
GENERAL DIRECTION AND PROBLEMS AT  
WORK SITE. GENERALLY PERFORMS LIMITED FIELD  
WORK. PERFORMS DESIGN AND INVESTIGATION WORK  
IN TECHNICALLY COMPLEX SITUATIONS.

75.000000 ( 1)

90.000000 ( 4)

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\*\* ITEM 0002 CONTINUED \*\*

75.000000 ( 7)

75.000000 ( 9)

0003 200.0 HOURLY PROJECT SCIENTIST/ENGINEER/MANAGER--  
ENGINEERING, HYDROLOGY, GEOLOGY, OR A  
RELATED SCIENCE DEGREE AND AT LEAST TWO (2)  
YEARS APPLICABLE EXPERIENCE. IDENTIFIES  
PROBLEMS AND DEVELOPS INVESTIGATIVE AND REME-  
DIAL SOLUTIONS TO WORK SITE SITUATIONS. CON-  
SULTS WITH HIGHER LEVEL PROFESSIONAL STAFF.  
PREPARES WORKPLANS, COST ESTIMATES AND  
REPORTS. PERFORMS MODELING. ANALYZES AND  
INTERPRETS FIELD DATA. SUPERVISES LOWER  
LEVEL REMEDIATION ACTIVITIES. FREQUENTLY  
COMMUNICATES WITH AGENCY PERSONNEL AND  
NMED.

63.000000 ( 1)

70.000000 ( 4)

61.000000 ( 7)

60.000000 ( 9)

0004 800.0 HOURLY STAFF SCIENTIST/ENGINEER--ENGINEERING,  
GEOLOGY, HYDROLOGY OR RELATED SCIENCE  
DEGREE AND AT LEAST ONE YEAR EXPERIENCE.  
IMPLEMENTS FIELD WORK FOR ON-SITE INVESTI-  
GATION AND REMEDIATION ACTIVITIES INCLUDING  
SITE CHARACTERIZATION, DRILLING SUPERVISION,

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\*\* ITEM 0004 CONTINUED \*\*

AND MONITORING WELL INSTALLATION AND SAMPLING  
ACTIVITIES. ASSISTS IN MODELING, HYDROGEO-  
LOGIC DATA ANALYSIS, AND REPORT PREPARATION.  
CONSULTS WITH HIGHER LEVEL PROFESSIONAL STAFF

57.000000 ( 1)

55.000000 ( 4)

42.000000 ( 7)

50.000000 ( 9)

0005 1600.0 HOURLY FIELD TECHNICIAN II--SCIENCE OR  
ENGINEERING DEGREE, OR TWO (2) YEARS  
EXPERIENCE. SUPERVISES INSTALLATION,  
MAINTENANCE, AND REPAIR OF INVESTIGATIVE AND  
REMEDIATION MACHINERY AND EQUIPMENT. CONDUCT  
SAMPLING AND MONITORING. MAINTAINS MACHINERY  
AND EQUIPMENT.

42.000000 ( 1)

50.000000 ( 4)

32.000000 ( 7)

35.000000 ( 9)

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0006 1600.0 HOURLY FIELD TECHNICIAN I--NO DEGREE REQUIRED.  
PERFORMS ASSIGNED FIELD WORK AND ROUTINE  
LABOR TASKS. ASSISTS IN EQUIPMENT INSTALLA-  
TION AND MAINTENANCE. CONDUCTS SAMPLING AND  
MONITORING. ASSISTS WITH FIELD SUPERVISION  
OF SUBCONTRACTORS. THIS CATEGORY INCLUDES  
HEAVY EQUIPMENT OPERATORS.

40.000000 ( 1)

40.000000 ( 4)

24.000000 ( 7)

30.000000 ( 9)

0007 800.0 HOURLY DRAFTSPERSON II--TWO (2) YEARS SCHOOLING  
AND FIVE (5) YEARS EXPERIENCE, OR TEN  
(10) YEARS EXPERIENCE. TECHNICALLY FAMILIAR  
WITH BASIC ENGINEERING PRINCIPLES AND  
CONSTRUCTION METHODOLOGIES. WORKS INDEPEN-  
DENTLY; WORK PRODUCT REVIEWED BY PROFESSIONAL  
ENGINEER. PROFICIENT WITH AUTOCAD OR OTHER  
FORMS OF COMPUTER AIDED DESIGN DRAFTING.

40.000000 ( 1)

50.000000 ( 4)

38.000000 ( 7)

35.000000 ( 9)

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0008 200.0 HOURLY DRAFTSPERSON I--TWO (2) YEARS EXPERIENCE  
OR ONE (1) YEAR RELATED COLLEGE AND ONE  
(1) YEAR EXPERIENCE. WORKS DIRECTLY UNDER  
A REGISTERED ENGINEER OR SCIENTIST. HAS  
SOME COMPUTER-AIDED DRAFTING SKILLS.

40.000000 ( 1)

35.000000 ( 4)

25.000000 ( 7)

30.000000 ( 9)

0009 100.0 HOURLY ADMINISTRATOR--NO DEGREE REQUIRED.  
TRACKS WORKPLAN COSTS, PREPARES AND  
PROCESSES INVOICES, ADMINISTERS LEASING AND  
ORDERING OF EQUIPMENT, AND PERFORMS GENERAL  
ADMINISTRATIVE WORK FOR REPORT AND WORKPLAN  
PREPARATION.

35.000000 ( 1)

50.000000 ( 4)

32.000000 ( 7)

35.000000 ( 9)

0010 200.0 HOURLY SECRETARY--NO DEGREE REQUIRED. PERFORMS  
GENERAL OFFICE WORK, TYPING FILING, AND

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\*\* ITEM 0010 CONTINUED \*\*

DOCUMENT REPRODUCTION.

29.000000 ( 1)

25.000000 ( 4)

32.000000 ( 7)

30.000000 ( 9)

0011 200.0 HOURLY CLERK--NO DEGREE REQUIRED. PERFORMS  
GENERAL OFFICE WORK, TYPING, FILING,  
AND DOCUMENT REPRODUCTION.

29.000000 ( 1)

20.000000 ( 4)

20.000000 ( 7)

25.000000 ( 9)

0012 100.0 EA/DAY COMBINATION-EXPOSIMETER/OXYGEN/CO/SO2  
METER

5.000000 ( 1)

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\*\* ITEM 0012 CONTINUED \*\*

5.000000 ( 4)

35.000000 ( 7)

50.000000 ( 9)

0013 100.0 EA/DAY COMBINATION-WATER QUALITY METER

5.000000 ( 1)

5.000000 ( 4)

20.000000 ( 7)

50.000000 ( 9)

0014 100.0 EA/DAY D.O. METER (WATER)

5.000000 ( 1)

5.000000 ( 4)

20.000000 ( 7)



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\*\* ITEM 0014 CONTINUED \*\*

10.000000 ( 9)

0015 100.0 EA/DAY EC METER

5.000000 ( 1)

5.000000 ( 4)

20.000000 ( 7)

10.000000 ( 9)

0016 100.0 EA/DAY EH METER

5.000000 ( 1)

5.000000 ( 4)

20.000000 ( 7)

10.000000 ( 9)

0017 DISC EXPENDABLE FIELD EQUIPMENT-

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BIDDER TO INDICATE \_\_\_\_\_ % DISCOUNT  
FROM \_\_\_\_\_ MFR PRICE CATALOG

0%

( 1)

20.000000 ( 4)

0%,N/A

( 7)

AT COST, 5%

( 9)

0018 50.0 EA/DAY EXPLOSIMETER

5.000000 ( 1)

5.000000 ( 4)

10.000000 ( 7)

40.000000 ( 9)

0019 100.0 EA/DAY FLUID LEVEL DETECTOR

5.000000 ( 1)

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\*\* ITEM 0019 CONTINUED \*\*

5.000000 ( 4)

40.000000 ( 7)

10.000000 ( 9)

0020 160.0 EA/DAY INTERFACE PROBE

5.000000 ( 1)

5.000000 ( 4)

40.000000 ( 7)

20.000000 ( 9)

0021 160.0 EA/DAY OVM (PID/FID)

5.000000 ( 1)

25.000000 ( 4)

45.000000 ( 7)

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50.000000 ( 9)

0022 160.0 EA/DAY OXYGEN METER (AIR)

5.000000 ( 1)

5.000000 ( 4)

20.000000 ( 7)

60.000000 ( 9)

0023 160.0 EA/DAY PH METER

5.000000 ( 1)

5.000000 ( 4)

10.000000 ( 7)

10.000000 ( 9)

0024 160.0 EA/DAY ANEMOMETER, PORTABLE  
NON-RECORDING

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5.000000 ( 1)

5.000000 ( 4)

40.000000 ( 7)

50.000000 ( 9)

0025 50.0 EA/DAY BACKHOE-LIGHT DUTY HP 51-62  
DIG DEPTH 12'-18'6"

120.000000 ( 1)

120.000000 ( 4)

120.000000 ( 7)

150.000000 ( 9)

0026 20.0 EA/DAY BACKHOE-MEDIUM DUTY HP 63-75  
DIG DEPTH 14'-19'8"

157.000000 ( 1)

157.500000 ( 4)

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\*\* ITEM 0026 CONTINUED \*\*

157.000000 ( 7)

200.000000 ( 9)

0027 20.0 EA/DAY BACKHOE-HEAVY DUTY, HP 95-115  
DIG DEPTH 17'-21'

157.000000 ( 1)

157.500000 ( 4)

157.000000 ( 7)

300.000000 ( 9)

0028 20.0 EA/DAY TRACKHOE LIGHT DUTY - (TRACK EXCAVATOR)  
95-100HP: DIG DEPTH 20'-22'

400.000000 ( 1)

221.000000 ( 4)

400.000000 ( 7)

350.000000 ( 9)

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0029 20.0 EA/DAY TRACKHOE MEDIUM DUTY, 150-155HP  
DIG DEPTH 24'-26'

550.000000 ( 1)

476.000000 ( 4)

550.000000 ( 7)

500.000000 ( 9)

0030 20.0 EA/DAY TRACKHOE HEAVY DUTY, 195-200HP  
DIG DEPTH OVER 26'

550.000000 ( 1)

600.000000 ( 4)

550.000000 ( 7)

800.000000 ( 9)

0031 100.0 FT. 2" BLANK PVC, 10 FT. SECTIONS

15.500000 ( 1)

15.000000 ( 4)

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14.610000 ( 7)

1.500000 ( 9)

0032 100.0 FT. 4" BLANK PVC, 10 FT. SECTIONS

33.000000 ( 1)

32.500000 ( 4)

33.150000 ( 7)

4.000000 ( 9)

0033 100.0 FT. 2" SCREEN, 10 FT. SECTIONS

24.000000 ( 1)

22.250000 ( 4)

26.170000 ( 7)

2.800000 ( 9)



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\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

0034 100.0 FT. 4" SCREEN, 10 FT. SECTIONS

57.000000 ( 1)

56.500000 ( 4)

55.050000 ( 7)

6.800000 ( 9)

0035 500.0 SACK FILTER PACK SAND PER 100# SACK

6.600000 ( 1)

13.200000 ( 4)

5.820000 ( 7)

8.290000 ( 9)

0036 500.0 EA. BENTONITE PELLETS PER 50# BUCKET

30.000000 ( 1)

37.850000 ( 4)

STATE OF NEW MEXICO  
GENERAL SERVICES DEPARTMENT  
PURCHASING DIVISION

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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

\*\* ITEM 0036 CONTINUED \*\*

27.000000 ( 7)

50# BUCKET

46.750000 ( 9)

0037 500.0 EA. BENTONITE CHIPS PER 50# SACK

6.600000 ( 1)

8.100000 ( 4)

6.100000 ( 7)

PER 50# SACK

8.500000 ( 9)

0038 50.0 EA. 8" MANHOLE

50.000000 ( 1)

42.000000 ( 4)

47.000000 ( 7)

50.000000 ( 9)

STATE OF NEW MEXICO  
GENERAL SERVICES DEPARTMENT  
PURCHASING DIVISION

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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

0039 50.0 EA. 12" MANHOLE

65.000000 ( 1)

68.900000 ( 4)

59.900000 ( 7)

72.250000 ( 9)

0040 10000.0 EA. COPIES; EACH/PAGE

0.050000 ( 1)

0.050000 ( 4)

( 7)

PAGE

0.050000 ( 9)

0041 500.0 EA. FAX TRANSMISSION; EACH/PAGE

( 1)

0.100000 ( 4)

STATE OF NEW MEXICO  
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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

\*\* ITEM 0041 CONTINUED \*\*

( 7)

PAGE

0.100000 ( 9)

0042 MILE MILEAGE-  
PERSONAL VEHICLE MILEAGE

0.250000 ( 1)

0.250000 ( 4)

0.320000 ( 7)

0.300000 ( 9)

0043 100.0 EA. PER DIEM/OVERNIGHT

60.000000 ( 1)

60.000000 ( 4)

75.000000 ( 7)

( 9)

STATE OF NEW MEXICO  
GENERAL SERVICES DEPARTMENT  
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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
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\*\*\*\*\*

0044 50.0 BARREL DISPOSAL OF CONTAMINATED FLUIDS AT  
LOCAL CERTIFIED FACILITIES  
FOB DISPOSAL FACILITY.

115.000000 ( 1)

150.000000 ( 4)

100.000000 ( 7)

120.000000 ( 9)

0045 50.0 BARREL DISPOSAL OF CONTAMINATED SOILS AT  
LOCAL, DERTIFIED FACILITIES.  
PER BARREL, FOB DISPOSAL FACILITY

115.000000 ( 1)

150.000000 ( 4)

100.000000 ( 7)

120.000000 ( 9)

0046 100.0 HOUR SITE SURVEYING

57.000000 ( 1)

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GENERAL SERVICES DEPARTMENT  
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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

\*\* ITEM 0046 CONTINUED \*\*

75.000000 ( 4)

85.000000 ( 7)

80.000000 ( 9)

0047 50000.0 MILE MOBILIZATION: MILE/VEHICLE WITH  
MINIMUM MOBILIZATION  
DRILL RIG (MEDIUM)

0.750000 ( 1)

0.150000 ( 4)

2.500000 ( 7)

1.000000 ( 9)

0048 FOOT HOLLOW-STEM AUGER DRILLING SERVICES  
(2-3 MAN CREW) SMALL TO MEDIUM RIGS  
(CME 55 OR 75 OR EQUIVALENT)

TO BE INDICATED RATE PER FOOT \_\_\_\_\_  
BASED ON A 2" MONITOR WELL

REW

20.000000 ( 1)

13.000000 ( 4)

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GENERAL SERVICES DEPARTMENT  
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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

\*\* ITEM 0048 CONTINUED \*\*

8.000000 ( 7)

\$100.00

13.000000 ( 9)

0049 FOOT HOLLOW-STEM AUGER DRILLING SERVICES:  
(2-3 MAN CREW) LARGE RIGS (FAILING  
F-10 OR EQUIVALENT)

TO BE INDICATED RATE PER FOOT \_\_\_\_\_  
BASED ON A 4" MONITOR WELL

34.000000 ( 1)

\$35.00

12.000000 ( 4)

10.000000 ( 7)

\$150/HOUR

19.000000 ( 9)

0050 500.0 HOUR AIR ROTARY

230.000000 ( 1)

140.000000 ( 4)

150.000000 ( 7)

STATE OF NEW MEXICO  
GENERAL SERVICES DEPARTMENT  
PURCHASING DIVISION

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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

\*\* ITEM 0050 CONTINUED \*\*

170.000000 ( 9)

0051 2000.0 FT. CORING

MATERIALS TO BE CORED-THROUGH ARE  
SITE SPECIFIC

21.000000 ( 1)

21.000000 ( 4)

50.000000 ( 7)

12.000000 ( 9)

0052 50.0 DAY WATER TRUCK  
2" WELL CORING

125.000000 ( 1)

100.000000 ( 4)

150.000000 ( 7)

100.000000 ( 9)



STATE OF NEW MEXICO  
GENERAL SERVICES DEPARTMENT  
PURCHASING DIVISION

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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

0053 50.0 DAY PICKUP TRUCK  
2" WELL CORING

50.000000 ( 1)

50.000000 ( 4)

45.000000 ( 7)

50.000000 ( 9)

0054 50.0 DAY STEAM CLEANER  
2" WELL CORING

90.000000 ( 1)

90.000000 ( 4)

45.000000 ( 7)

50.000000 ( 9)

0055 HOURLY STANDBY TIME-  
TO BE BASED ON STANDARD DRILL CREW TIME

100.000000 ( 1)

100.000000 ( 4)

STATE OF NEW MEXICO  
GENERAL SERVICES DEPARTMENT  
PURCHASING DIVISION

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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

\*\* ITEM 0055 CONTINUED \*\*

70.000000 ( 7)

100.000000 ( 9)

0056 % SYSTEM SERVICES: REPLACEMENT PARTS;

IE;

EXTRACTION BLOWER

200 CFM \_\_\_\_\_ % DISCOUNT

0%

( 1)

10%

( 4)

AT COST

( 7)

AT COST, 5%

( 9)

0057 PER LEVEL B PROTECTION SUIT-  
PER WORKER/PER DAY

200.000000 ( 1)

150.000000 ( 4)

100.000000 ( 7)

STATE OF NEW MEXICO  
GENERAL SERVICES DEPARTMENT  
PURCHASING DIVISION

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\*\*\*\*\*  
ITEM \*APPROX\* UNIT \* ARTICLE \* UNIT \* CONTRACT  
\* QTY \* \* AND DESCRIPTION \* PRICE \* VENDOR  
\*\*\*\*\*

\*\* ITEM 0057 CONTINUED \*\*

500.000000 ( 9)

\*\*\*\* 57 ITEM(S), 57 AWARDED



RECEIVED

JAN 30 2001

518081

AMEC Earth & Environmental, Inc.  
P.O. Box 24445  
Seattle, Washington 98124-0445

Environmental Bureau  
Oil Conservation Division

## INVOICE

DEC-28-2000  
Page Number

1

*Stamped in front  
on 1-22-01*

Energy Conservation & Mnmt Division  
Minerals & Natural Resources  
Oil Conservation Dept  
2040 S Pacheco St  
Santa Fe NM 87505

*Approved For Payment  
02-16-01  
Martyne Kieling*

ATTENTION: Martyne Kieling

Professional Services Through DEC-15-2000

-----  
Project 0-517-000140 Goodwin Treatment Plant Facility

P.D. #01-311-003456  
P.O. #SPD 00-805-09-17658  
Lea County, NM

LABOR	34.50
OTHER EXPENSES	125.00

CURRENT BILLING	159.50
NMGRT @ 5.8125 %	9.27
AMOUNT DUE THIS INVOICE	168.77

TOTAL CONTRACT	6,200.00
PRIOR BILLINGS	4,880.75
CURRENT INVOICE	159.50

---

TOTAL REMAINING	1,159.75
-----------------	----------

Project Manager: Friend, George A

**Terms:** Net thirty (30) days. After thirty (30) days from invoice date a late charge of one and one-half percent (1½%) per month, or the maximum rate allowed by law may be charged.

Direct all billing inquiries to your AMEC Earth & Environmental, Inc. Project Manager.  
Please visit our website at  
<http://www.amecee.com>

Federal Tax





AMEC Earth & Environmental, Inc.  
P.O. Box 24445  
Seattle, Washington 98124-0445

518081  
**INVOICE**  
DEC-28-2000  
Page Number 2

LABOR			
	HOURS	RATE	AMOUNT
CADD Draftsperson			
Trujillo, Robert J. 12/08/00	.50		
***	.50	40.00	20.00
Word Processor			
Labadie, Charlotte T 12/08/00	.50		
***	.50	29.00	14.50
	-----		-----
	1.00		34.50
EXPENSES			
	QTY	RATE	AMOUNT
Equipment Rental			
Butler Environmental			
102700 10/27/00			
***			125.00
			-----
			125.00
** Total Project 0-517-000140			159.50
			=====

**Terms:** Net thirty (30) days. After thirty (30) days from invoice date a late charge of one and one-half percent (1½%) per month, or the maximum rate allowed by law may be charged.

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Federal Tax #





RECEIVED

JAN 30 2001

Environmental Bureau  
Oil Conservation DivisionAMEC Earth & Environmental, Inc.  
P.O. Box 24445  
Seattle, Washington 98124-0445*Stamped in upFontan*

INVOICE

518081

DEC-28-2000

Page Number

1

Energy Conservation & Mnmt Division  
Minerals & Natural Resources  
Oil Conservation Dept  
2040 S Pacheco St  
Santa Fe NM 87505*Approved For Payment  
02-16-01  
Martyne Kieling*

ATTENTION: Martyne Kieling

Professional Services Through DEC-15-2000

Project 0-517-000140 Goodwin Treatment Plant Facility

P.D. #01-311-003456  
P.O. #SPD 00-805-09-17658  
Lea County, NM

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TOTAL REMAINING	1,159.75
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Project Manager: Friend, George A

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**INVOICE**  
DEC-28-2000  
Page Number 2

LABOR

	HOURS	RATE	AMOUNT
CADD Draftsperson			
Trujillo, Robert J. 12/08/00	.50		
***	.50	40.00	20.00
Word Processor			
Labadie, Charlotte T 12/08/00	.50		
***	.50	29.00	14.50
	1.00		34.50

EXPENSES

	QTY	RATE	AMOUNT
Equipment Rental			
Butler Environmental			
102700 10/27/00			
***			125.00
			125.00
** Total Project 0-517-000140			159.50

**Terms:** Net thirty (30) days. After thirty (30) days from invoice date a late charge of one and one-half percent (1½%) per month, or the maximum rate allowed by law may be charged.

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Please visit our website at  
<http://www.amecee.com>

Federal Tax #



Fax

To Martyne Kieling

Company OCD

Fax 476-3471

Charge no 827-8177

File no

Fax operator

Subject NORM Equipment  
Calibration Record  
Goodwin Plant Project

From Bob Wilcox

Direct Tel (505) 821-1801

Fax (505) 821-7371

Pages 2 (inc. this page)

Date 1/16/02

cc

AMEC Earth & Environmental, Inc.  
8519 Jefferson NE  
Albuquerque, NM 87113  
Tel (505) 821-1801  
Fax (505) 821-7371

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Scientific and Industrial  
Instrument

# CERTIFICATE OF CALIBRATION

POST OFFICE BOX 810 PH. 915-235-0474  
501 OAK STREET FAX NO. 915-235-4672  
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER BUTLER ENVIRONMENTAL ORDER NO. 254725/251202

Mfg. LUCAS MEASUREMENTS, INC. Model 3 Serial No. 116673

Mfg. LUCAS MEASUREMENTS, INC. Model 44-2 Serial No. PR138438

Cal. Date 20-Oct-00 Cal Due Date 20-Oct-01 Cal. Interval 1 Year Meterface 202-666

Check mark: ☒ Applies to applicable instr. and/or detector LW mfg. spec. ☐ T. 73 ☐ F. ☐ RH 47 ☐ Alt 204.8 mm Hg

☐ New instrument ☐ Instrument Received ☐ Within Tol.  $\pm 10\%$  ☐ 10-20% ☐ Out of Tol. ☒ Requiring Repair ☐ Other-Spec comments

☒ Mechanical ck. ☒ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity

☒ F/S Resp. ck. ☒ Reset ck. ☐ Window Operation ☒ Geotrap

☒ Audio ck. ☐ Alarm Setting ck. ☒ Bell. ck. (Min. Volt) 2.2 VDC

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/99. ☒ Calibrated in accordance with LMI SOP 14.9 rev 12/19/99.

Instrument Volt Set 750 V Input Sens. 36 mV Del. Oper. 750 V at 36 mV Threshold D/C Ratio = mV

☐ HV Readout (2 points) Ref./Inst. / V Ref./Inst. / V

## COMMENTS:

General Calibration: GM counters positioned perpendicular to source except for M 44.8 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
X 100	4000 uR/hr	<u>N/A</u>	<u>40</u>
X 100	1000 uR/hr		<u>10</u>
X 10	400 uR/hr = <u>6.72 Kcpm</u>		<u>40</u>
X 10	100 uR/hr		<u>10</u>
X 1	<u>6.72 K</u> cpm		<u>40</u>
X 1	<u>1.68 K</u> cpm		<u>10</u>
X 0.1	<u>672</u> cpm		<u>40</u>
X 0.1	<u>168</u> cpm		<u>10</u>

\*Uncertainty within  $\pm 10\%$  C.F. within  $\pm 20\%$

X 1.0.1 Range(s) Calibrated Electrically

REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout			Log Scale		

Lucas Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of national physical constants or have been derived by the ratio type of calibration technique. The calibration system conforms to the requirements of ANSI/ISO 1540-1-1994 and ANSI N329-1-97a. State of Texas Calibration License No. LC-7963

## Reference Instruments and/or Sources:

C-137 Gamma S/N ☐ 1162 ☐ G112 ☒ M565 ☐ 9105 ☐ T1005 ☐ T879 ☐ R582 ☐ E881 ☐ Neutron Am-241 to S/N T-286

☐ Alpha S/N ☐ Beta S/N ☐ Other

☒ m S/S S/N 57885 ☐ Oscilloscope S/N ☒ Multimeter S/N 71302353

Calibrated By: Bill Henson Date 20-Oct-00

Reviewed By: Jim Planno Date 20-Oct-00

This certificate may not be reproduced except in full without the written approval of Lucas Measurements, Inc. ☐ Passed Dielectric (Hi-Pot) and Continuity Test

FORM C24 12/2/1999



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**CANNOT BE IMPROVED**

**DUE TO**

**THE CONDITION OF**

**THE ORIGINAL**

amec

Fax Martyne

To OGD

Company

Fax 602-3440

Fax 3471

File no

Fax operator

Subject Goodwin Plant  
NORM Survey logs

From Bob Wilcox

Direct Tel (505) 821-1801

Fax (505) 821-7371

Pages 8 + (inc. this page) /

Date 1/23/01

cc

Martyne,

These are the logs for the NORM survey  
at the Goodwin Plant. George said these  
were included with the original report.

Bob Wilcox

## NORM SURVEY

DATE OF SURVEY: 10-23-00NAME AND TITLE OF SURVEYOR: BUD BUTLER SENIOR RSOLOCATION OF SURVEY: GOODWIND TREATING PLANTWEATHER CONDITION: RAINTYPE OF SURVEY EQUIPMENT: LUDLUM MODEL 3 SCINTILLATION SURVEY METERSERIAL #: 116673 PHONE # PR138438DATE OF CALIBRATION: OCTOBER 20, 2000CALIBRATION COMPLETED BY: BILL HENSON, LUDLUM INDUSTRIESEQUIPMENT TO BE SURVEYED: OILFIELD STORAGE TANKSNORM BACKGROUND READING: 10 uR/hrLOCATION OF BACKGROUND READING: 103' NORTH OF NE. SIDE OF SITESTORAGE TANK #: 121TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #: \_\_\_\_\_

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: 330 bbls WASTE/OILNORM RADIOACTIVITY READINGS uR/hr30 60  
LOW MED HIGHSTORAGE TANK #: 111TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #: \_\_\_\_\_

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: 500 bbls WASTE/OIL

NORM RADIOACTIVITY READINGS

18 55  
LOW MED HIGHSTORAGE TANK #: 112TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #: \_\_\_\_\_

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: 500 bbls WASTE/OIL

NORM RADIOACTIVITY READINGS

30 170  
LOW MED HIGH

STORAGE TANK #: 122  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_ bbls  
 MATERIAL STORED: Acid (EMPTY)

STORAGE TANK #: 110  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 1 FOOT 2400

STORAGE TANK #: 129  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 250 NOS WASTE/OIL

STORAGE TANK #: 108  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 250 NOS WASTE/OIL

STORAGE TANK #: 1  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: EMPTY

STORAGE TANK #: 103  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 10,000 bbls GPa  
 MATERIAL STORED: EMPTY

STORAGE TANK #: 104  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 1.5 FEET 5400

STORAGE TANK #: 105  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 1 FOOT 5400

NORM RADIOACTIVITY READINGS *WR/NA*

10 20  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

10 20  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

10 40  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

22 70  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

10 10  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

8 10  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

15 42  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

10 40  
 LOW MED HIGH

STORAGE TANK #: 106  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 4 FEET WASTE/OIL

STORAGE TANK #: 107  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 1 FEET OIL/OFF

STORAGE TANK #: 103  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: EMPTY

STORAGE TANK #: 103  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 2 FEET JUNK

STORAGE TANK #: 101  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 1 FEET JUNK

STORAGE TANK #: 113  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 8 FEET WASTE/OIL

STORAGE TANK #: 114  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 500 bbls  
 MATERIAL STORED: 800 bbls WASTE/OIL

STORAGE TANK #: 115  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 200 bbls  
 MATERIAL STORED: 200 bbls WASTE/OIL

NORM RADIOACTIVITY READINGS LR/HR

60 105  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

15 42  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

12 20  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

12 20  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

12 35  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

30 100  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

60 100  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

40 70  
 LOW MED HIGH

STORAGE TANK #: 116  
 TANK COMPOSITION: STEEL / (WOOD) / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 200 bbls  
 MATERIAL STORED: 200 bbls WASTE/OIL

STORAGE TANK #: 117  
 TANK COMPOSITION: STEEL / (WOOD) / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 200 bbls  
 MATERIAL STORED: 200 bbls WASTE/OIL

STORAGE TANK #: 118  
 TANK COMPOSITION: STEEL / (WOOD) / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 200 bbls  
 MATERIAL STORED: 100 bbls WASTE/OIL

STORAGE TANK #: 120  
 TANK COMPOSITION: (STEEL) / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 1000 bbls  
 MATERIAL STORED: EMPTY

STORAGE TANK #: SOUTH TREATMENT  
 TANK COMPOSITION: (STEEL) / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_ bbls  
 MATERIAL STORED: \_\_\_\_\_

STORAGE TANK #: NORTH TREATMENT  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_ bbls  
 MATERIAL STORED: \_\_\_\_\_

STORAGE TANK #: SOIL PITS (123)  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_ bbls  
 MATERIAL STORED: \_\_\_\_\_

STORAGE TANK #: INTERSECTION WELLS  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_ bbls  
 MATERIAL STORED: \_\_\_\_\_

## NORM RADIOACTIVITY READINGS

50 70  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

30 60  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

30 70  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

9 10  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

20 40  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

20 60  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

30 30  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

20 30  
 LOW MED HIGH

## NORM SURVEY

DATE OF SURVEY: 10-23-00NAME AND TITLE OF SURVEYOR: BUD BUTLER, SENIOR RSOLOCATION OF SURVEY: GOODWIN TREATING PLANTWEATHER CONDITION: RAINTYPE OF SURVEY EQUIPMENT: LUDLUM MODEL 3 SCINTILLATION SURVEY METERSERIAL #: 116673 PHONE # PR138438DATE OF CALIBRATION: OCTOBER 20, 2000CALIBRATION COMPLETED BY: BILL HENSON, LUDLUM INDUSTRIESEQUIPMENT TO BE SURVEYED: OIL FIELD STORAGE TANKSNORM BACKGROUND READING: 10 uR/hrLOCATION OF BACKGROUND READING: 103' NORTH OF NE SIDE OF SITESTORAGE TANK #: 121TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #: \_\_\_\_\_

SIZE: XCAPACITY: 500 BLKSMATERIAL STORED: 330 BAGS WASTE/BLKSTORAGE TANK #: 111TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #: \_\_\_\_\_

SIZE: XCAPACITY: 500 BLKSMATERIAL STORED: 500 BAGS WASTE/BLKSTORAGE TANK #: 112TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #: \_\_\_\_\_

SIZE: XCAPACITY: 500 BLKSMATERIAL STORED: 500 BAGS WASTE/BLKNORM RADIOACTIVITY READINGS uR/hr30 60  
LOW MED HIGH

NORM RADIOACTIVITY READINGS

18 55  
LOW MED HIGH

NORM RADIOACTIVITY READINGS

30 170  
LOW MED HIGH



STORAGE TANK #: 122

TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #

SIZE: X

CAPACITY: bbls

MATERIAL STORED: ACID (EMPTY)

STORAGE TANK #: 110

TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #

SIZE: X

CAPACITY: 500 bbls

MATERIAL STORED: 1 FOOT 24" DIA

STORAGE TANK #: 109

TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #

SIZE: X

CAPACITY: 500 bbls

MATERIAL STORED: 2.50 DIA WASTE/DIA

STORAGE TANK #: 108

TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #

SIZE: X

CAPACITY: 500 bbls

MATERIAL STORED: 2.50 DIA WASTE/DIA

STORAGE TANK #: 1

TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #

SIZE: X

CAPACITY: 500 bbls

MATERIAL STORED: EMPTY

STORAGE TANK #: 123

TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #

SIZE: X

CAPACITY: 10,000 bbls GALL

MATERIAL STORED: EMPTY

STORAGE TANK #: 104

TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #

SIZE: X

CAPACITY: 500 bbls

MATERIAL STORED: 1.5 FEET SAVAGE

STORAGE TANK #: 105

TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #

SIZE: X

CAPACITY: 500 bbls

MATERIAL STORED: 1 FOOT SAVAGE

## NORM RADIOACTIVITY READINGS

4 R/hr

10		20
LOW	MED	HIGH

## NORM RADIOACTIVITY READINGS

18		24
LOW	MED	HIGH

## NORM RADIOACTIVITY READINGS

18		48
LOW	MED	HIGH

## NORM RADIOACTIVITY READINGS

22		70
LOW	MED	HIGH

## NORM RADIOACTIVITY READINGS

10		18
LOW	MED	HIGH

## NORM RADIOACTIVITY READINGS

8		10
LOW	MED	HIGH

## NORM RADIOACTIVITY READINGS

18		42
LOW	MED	HIGH

## NORM RADIOACTIVITY READINGS

10		40
LOW	MED	HIGH

STORAGE TANK # 106TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #:

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: 4 FEET WASTE/OILSTORAGE TANK #: 107TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #:

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: 1 FOOT 24.000STORAGE TANK #: 108TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #:

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: EMPTYSTORAGE TANK #: 109TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #:

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: 2 FEET 24.000STORAGE TANK #: 110TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #:

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: 1 FOOT 24.000STORAGE TANK #: 113TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #:

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: 4 FEET WASTE/OILSTORAGE TANK #: 114TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #:

SIZE: XCAPACITY: 500 bblsMATERIAL STORED: 000 WASTE/OILSTORAGE TANK #: 115TANK COMPOSITION: STEEL / WOOD / FIBERGLASS

SERIAL #:

SIZE: XCAPACITY: 200 bblsMATERIAL STORED: 200 WASTE/OILNORM RADIOACTIVITY READINGS u R/hr

<u>60</u>	<u>105</u>
LOW	HIGH

NORM RADIOACTIVITY READINGS

<u>15</u>	<u>43</u>
LOW	HIGH

NORM RADIOACTIVITY READINGS

<u>12</u>	<u>20</u>
LOW	HIGH

NORM RADIOACTIVITY READINGS

<u>12</u>	<u>20</u>
LOW	HIGH

NORM RADIOACTIVITY READINGS

<u>12</u>	<u>35</u>
LOW	HIGH

NORM RADIOACTIVITY READINGS

<u>30</u>	<u>100</u>
LOW	HIGH

NORM RADIOACTIVITY READINGS

<u>60</u>	<u>100</u>
LOW	HIGH

NORM RADIOACTIVITY READINGS

<u>40</u>	<u>70</u>
LOW	HIGH

STORAGE TANK #: 116  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 200 bbls  
 MATERIAL STORED: 150 bbl WASTE/OIL

STORAGE TANK #: 117  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 200 bbls  
 MATERIAL STORED: 200 bbl WASTE/OIL

STORAGE TANK #: 118  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 200 bbls  
 MATERIAL STORED: 100 bbl WASTE/OIL

STORAGE TANK #: 120  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: 1000 bbls  
 MATERIAL STORED: EMPTY

STORAGE TANK #: SOUTH TREAT  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_ bbls  
 MATERIAL STORED: \_\_\_\_\_

STORAGE TANK #: NORTH TREAT  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_ bbls  
 MATERIAL STORED: \_\_\_\_\_

STORAGE TANK #: 501A PITS  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_ bbls  
 MATERIAL STORED: \_\_\_\_\_

STORAGE TANK #: INJECTION WELL  
 TANK COMPOSITION: STEEL / WOOD / FIBERGLASS  
 SERIAL #: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ X \_\_\_\_\_  
 CAPACITY: \_\_\_\_\_ bbls  
 MATERIAL STORED: \_\_\_\_\_

## NORM RADIOACTIVITY READINGS

50 70  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

30 60  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

30 70  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

9 10  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

20 40  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

20 60  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

30 30  
 LOW MED HIGH

## NORM RADIOACTIVITY READINGS

30 30  
 LOW MED HIGH

amec

Fax

To Martyne Kieling  
Company OCD

Fax 476-3471

Charge no 827-877

File no

Fax operator

Subject NORM Equipment  
Calibration Record  
Goodwin Plant Project

From Bob Wilcox

Direct Tel (505) 821-1801

Fax (505) 821-7371

Pages 2 (inc. this page)

Date 1/16/02

cc

JAN-16-01 07:55

FROM-AMEC EA ENVIRONMENTAL

T-402 P.02/02 F-671

Scientific and Industrial  
Instrumentry

## CERTIFICATE OF CALIBRATION

POST OFFICE BOX 810 PH. 915-235-0874  
501 OAK STREET FAX NO. 915-235-4672  
SWEETWATER TEXAS 79556, U.S.A.

CUSTOMER BUTLER ENVIRONMENTAL

ORDER NO. 25472/251202

Mfg. Lutron Measurements, Inc. Model 3 Serial No. 116673  
 Mfg. Lutron Measurements, Inc. Model 44-2 Serial No. PR138438  
 Cal. Date 20-Oct-00 Cal. Due Date 20-Oct-01 Cal. Interval 1 Year Material 200-666

Check mark ☒ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 42 % Alt. 202.8 m mfg☐ New instrument ☐ Instrument Received ☐ Within Toler.  $\pm 10\%$  ☐ 10-20% ☐ Out of Tol. ☒ Requiring Repair ☐ Other-See comments

☒ Mechanical ck. ☒ Motor Zeroed ☐ Background Subtract ☐ Input Sens. Linearity  
☒ F/R Resp. ck. ☒ Reset ck. ☐ Window Operation ☒ Geotrapism  
☒ Audio ck. ☐ Alarm Setting ck. ☒ Batt. ck. (Min. Volt) 2.2 VDC

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/99.☒ Calibrated in accordance with LMI SOP 14.9 rev 12/19/99.Instruments Vch Set 750 V Input Sens. 30 mV Det. Oper. 750 V at 30 mV Threshold = mVDial Ratio =☐ HV Readout (2 points) Ref./Inst. / V Ref./Inst. / V

## COMMENTS:

Gauss Calibration: GM detectors positioned perpendicular to source except in 11.1.1 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
X100	4000 uR/hr	<u>N/A</u>	<u>40</u>
X100	1000 uR/hr		<u>10</u>
X10	400 uR/hr	<u>67.2 Ke/pm</u>	<u>40</u>
X10	100 uR/hr		<u>10</u>
X1	6.72 K cpm		<u>40</u>
X1	1.68 K cpm		<u>10</u>
X0.1	672 cpm		<u>40</u>
X0.1	168 cpm		<u>10</u>

\*Uncertainty within  $\pm 10\%$  C.F. within  $\pm 20\%$ 

Y.0.1 Bar (s) Calibrated Electrically

REFERENCE CAL POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*	REFERENCE CAL POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout			Log Scale		

Lutron Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization member states, or to other known standards upon agreement of values of reference physical constants. It is certified that the above instrument has been calibrated by the radio type of calibration technique. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1179.

State of Texas Calibration License No. LC-11943

## Reference Instruments and/or Sources

CH-37 Gamma S/N ☐ 1142 ☐ 0112 ☒ M563 ☐ 0105 ☐ T1005 ☐ T879 ☐ X562 ☐ E561☐ Neutron Am-241 to 3/17/30s☐ Alpha S/N ☐ Beta S/N ☐ Other☒ m 500 S/N 57885 ☐ Oscilloscope S/N ☒ Multimeter S/N 71300353Calibrated By: Bill Henson Date 20-Oct-00Reviewed By: John J. Plano Date 20-Oct-00

The calibration does not constitute an endorsement or approval of Lutron Measurements, Inc. FORM CDA 12/29/1999

☐ Posed Dielectric (Hi-Pot) and Continuity Test

amec

Fax

To Martynne Kieling

Company BCD

Fax 505-3471

Page no

File no

Fax operator

Subject George's NORM Training

From Bob Wilcox

Direct Tel (505) 821-1801

Fax (505) 821-7371

Pages 2 (inc. this page)

Date 1/10/01

cc

Martynne,

Here is documentation of George Friedlig

NORM Training

Bob



1726 Wooddale Court • Baton Rouge, Louisiana 70806

1 (800) 401-4277 • Fax (504) 927-6822

April 17, 1997

Texas Department of Health  
Bureau of Radiation Control  
1800 West 49th Street  
Austin, Texas 78756

Dear Sir or Madam:

This letter is to certify that George Friend, has successfully completed an 8-Hour NORM Surveyor Course. This course included instruction required by the Texas Regulations for the Control of Radiation, Part 22, Article 22.12. The course content also included, but was not limited to, the following:

- Origin of NORM
- Sources of Radiation
- State Regulations
- Documentation Requirements
- Types of Radiation
- Radiation and Contamination Units
- Biological Effects
- Exposure Minimization
- Protective Clothing
- Radiation Survey Instrument Theory
- Radiation and Contamination Survey Techniques
- Radiation Survey Instrument Calibration Requirements
- Exposure to the Unborn Child
- Personnel Monitoring
- Emergency Actions
- Practical Survey Session
- Exam

If you have any questions, or need assistance, please don't hesitate to call any of the ARS staff at 1-800-401-4277.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mark W. Krohn", written over a horizontal line.

Mark W. Krohn, RRPT  
Health Physicist

MWK/spw



Fax

To *Martyne Kiezling*Company *OCD*Fax *476-3471*Charge no *827-8177*

File no

Fax operator

Subject *Norm Certification*From *Bob Wilcox*

Direct Tel (505) 821-1801

Fax (505) 821-7371

Pages *2* (inc. this page)Date *1/10/01*

cc

*Martyne,*

*Here is the Norm RSO certification for*  
*the initial assessment work at the*  
*Goodwin Plant. I have calls into George*  
*and Buddy Butier for additional information.*  
*I may not be able to reach them until*  
*tomorrow. Please give me a call when*  
*possible.*

*Thank you,**Bob*



# Certificate of Qualification

*This is to certify that*

*Buddy Butler*

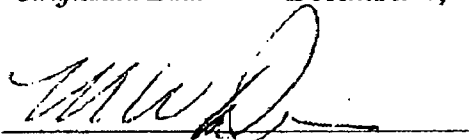
*has completed an approved, forty hour training course as a*

**NORM Radiation Safety Officer**

*The course included both a written examination and practical assessment*

*Certification Date:* December 1, 1995

*Location:* Midland, Texas



Mitchell W. Davis - RRPT



# Certificate of Qualification

*This is to certify that*

*Buddy Butler*

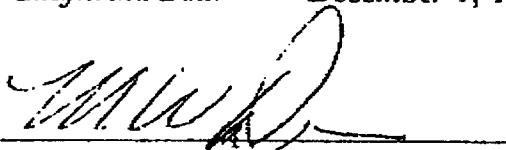
*has completed an approved, forty hour training course as a*

**NORM Radiation Safety Officer**

*The course included both a written examination and practical assessment*

*Certification Date:* December 1, 1995

*Location:* Midland, Texas



Mitchell W. Davis - RRPT



Post-it® Fax Note	7671	Date	# of pages
To	Bill Floyd	From	Martyn Kieling
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	822-1863



Fax

To Martyn Kieling

Company OGD

Fax 476-3471

Charge no 827-8177

File no

Fax operator

Subject Norm Certification

FROM Ann Wilcox

Direct Tel (505) 821-1801

Fax (505) 821-7371

Pages 2 (inc. this page)

Date 1/10/01

cc

Martyn,

Here is the Norm RSD certification for  
the initial assessment work at the  
Goodwin Plant. I have calls into George  
and Buddy Butler for additional information.  
I may not be able to reach them until  
tomorrow. Please give me a call when  
possible

Thank you,Bob



Photo 12      04-01-97      Looking East  
Tank 118 and overflow pit



Photo 13      04-01-97      Looking SE  
Overflow pit and some trash SE corner of facility



Photo 14      04-01-97      Looking NW  
Tanks 121, 111, 112 and 122



Photo 15      04-01-97      Looking West  
Tanks 101, 102, 103 and 121



Photo 16      04-01-97      Looking East  
Tanks 104, 105, 106, 107, #?, and 123





Photo 17      04-01-97      Looking East  
Tanks on the left 110, 109, 108  
Tanks on the right 106, 107, #?, and 123



Photo 19      04-01-97      Looking East  
Tank 117 sump



Photo 18      04-01-97      Looking East  
Tank 116 sump



Photo 20      04-01-97      Looking NE  
Trash and debris



Photo 21      04-01-97      Looking NW  
Tank bottom pile in the NW corner of facility





Photo 7      04-01-97      Looking West  
Insulated treaters



Photo 8      04-01-97      Looking NW  
Tanks in first row 103, 102, 101, 113, 114, 115, 116

Photo 11      04-01-97      Looking NE →  
Tanks 117, 1 and pump and drums



Photo 9      04-01-97      Looking North  
Tanks 114, 115, 116, 117 and pump and drums



Photo 10      04-01-97      Looking NE  
Tanks 117 and 1 and pump







Photo 1                      Looking East  
County Road entrance



Photo 4                      03-16-95                      Looking North  
Tank 121



Photo 2                      03-16-95                      Looking East



Photo 5                      03-16-95  
Tank 112



Photo 3                      03-16-95                      Looking East  
Tanks on left 104, 105, 106, 107, #2, 123  
Tanks on right 103, 102, 101, 113,  
Tank center back 1



Photo 6                      04-01-97  
Agua Inc. Injection well and celler



11 December 2000  
AMEC Proposal No. PF00-1202

Bureau of Mines and Mineral Resources  
Mining and Minerals Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

**Attention: Mr. John Pfeil**

**RE: STATE OF NEW MEXICO ENVIRONMENTAL SERVICES PRICING AGREEMENT**

Recently, through a competitive bidding process, the State of New Mexico awarded AMEC Earth and Environmental (AMEC) a Pricing Agreement (PA) for environmental services through the General Services Department (GSD). The PA was awarded for environmental services such as drilling, monitor well installation, soil and ground water sampling, soil excavation, report preparation, remediation, and general consulting services for the New Mexico State Highway and Transportation Department (NMSHTD). The GSD and the NMSHTD has informed AMEC that State of New Mexico procurement code allows this PA to be used for similar services with other State of New Mexico government agencies, counties, cities, and school districts without the need for competitive bidding. AMEC has recently performed an environmental investigation for the New Mexico Bureau of Mines and Mineral Resources - Oil Conservation Division (OCD) using this PA. The contact with the OCD is Ms. Martyne Kieling at (505) 827-7153. As stated in the PA, AMEC must provide fixed line item rates as bid for the PA. The line item rates are found in the Attachment.

The PA was awarded on 1 September 2000 and is in effect for a period of 2 years. The General Services Department PA Number for this Pricing Agreement is 00-805-09-17658. In order to use this PA, a purchase order (PO) number would be created by your agency prior to the start of work. Following the submittal of an approved cost proposal and scope of work by AMEC, and after the completion of phases of the project, AMEC billing would be submitted to your agency for payment processing with that PO number.

An additional PA was awarded through the State of New Mexico GSD to several New Mexico analytical laboratories with low rates for contaminant testing. In order to further reduce costs of the projects, AMEC proposes to use these rates for any necessary analytical costs. The Number for this PA is 00-805-09-17626.

AMEC (formerly AGRA Earth and Environmental) is a diverse international consulting firm specializing in environmental, geotechnical and materials engineering, geologic and hydrogeologic investigations, construction quality assurance/quality control (QA/QC), and materials testing. AMEC maintains facilities in the United States, Canada, and 20 foreign countries. AMEC's current staff of approximately 1,700 includes registered professional engineers, professional geologists and hydrogeologists, geophysicists, archeologists, biologists, environmental technicians, engineering technicians, and support personnel. AMEC currently maintains 23 permanent offices throughout the western United States. AMEC recently acquired Ogden Environmental and Energy Services which enhances our capabilities to serve you.



State of New Mexico  
Environmental Services Pricing Agreement  
AMEC Proposal No. PF00-1202  
11 December 2000



AMEC believes that we have unique capabilities which may provide for your agency's environmental consulting needs. Other AMEC offices in New Mexico besides Albuquerque include Gallup, Farmington, and Las Cruces. Since we have offices state-wide, we will be able to provide cost effective services to all facilities in the State of New Mexico. AMEC technical capabilities include extensive experience in soil and ground water investigations, remediation, air permitting and modeling, compliance monitoring, NPDES permitting, SPCC planning, fuel storage compliance NEPA environmental and archeological compliance, site restoration, and hazardous waste compliance.

AMEC is registered as a New Mexico residence business with ID #01130072008 and maintains the following insurance policies which meet the requirements for this project:

- Worker's Compensation Insurance (minimum limit \$100,000.00)
- Comprehensive General Liability Insurance (combined single limit or One Million Dollars (\$1,000,000) each occurrence).
- Comprehensive Automobile Liability Insurance (One Million Dollars (\$1,000,000) each occurrence).
- Engineer's Professional Errors and Omissions Liability Insurance (Five Hundred Thousand Dollars (\$500,000)).

These environmental services pricing agreements represent a cost effective and streamlined procedural mechanism to award potential environmental projects your agency has been planning. I would be happy to meet with you and discuss to discuss these possibilities. I will be in contact with you over the next several weeks to answer any questions you may have regarding this letter.

Respectfully Submitted,

AMEC Earth & Environmental, Inc.

Bob Wilcox, C.P.G.  
Senior Project Manager

BW:ctl

Attachment: Pricing Agreement Line Item Costs

AMEC Earth & Environmental, Inc.  
8519 Jefferson, N.E.  
Albuquerque, New Mexico 87113  
(505) 821-1801  
FAX: (505) 821-7371  
[www.amec.com](http://www.amec.com)

[www.amec.com](http://www.amec.com)

Bob Wilcox P.G.  
Senior Project Manager  
Earth & Environmental

8519 Jefferson, NE  
Albuquerque, New Mexico  
USA 87113  
Tel +1 (505) 821-1801  
Fax +1 (505) 821-7371  
[bob.wilcox@amec.com](mailto:bob.wilcox@amec.com)





**AMEC - GSD Pricing Agreement Number 00-805-09-17658**  
**Environmental Services**

Principal	\$79.00 hour
Senior Scientist/Engineer	\$69.00 hour
Project Scientist	\$59.00 hour
Staff Scientist/Engineer	\$54.00 hour
Field Technician II	\$44.00 hour
Field Technician I	\$39.00 hour
Administrator	\$35.00 hour
Secretary	\$29.00 hour
Clerk	\$29.00 hour
Combination Explosimeter/Oxygen/CO Meter	\$20.00 day
Water Quality Meter	\$20.00 day
Dissolved Oxygen Meter (Water)	\$5.00 day
EH Meter	\$5.00 day
EC Meter	\$5.00 day
Explosimeter	\$15.00 day
Fluid Level Detector	\$10.00 day
Interface Probe	\$5.00 day
OVM/PID/FID	\$25.00 day
Oxygen Meter (Air)	\$15.00 day
pH Meter	\$5.00 day
Portable Anometer	\$5.00 day
Backhoe - Light Duty 51-62 HP, dig depth 12-18 ft	\$130.00 day
Backhoe - Medium Duty 63-75 HP, dig depth 14-19 ft	\$199.00 day
Backhoe - Heavy Duty 95-115 HP, dig depth 17-21 ft	\$249.00 day
Trackhoe - Light Duty 95-100 HP, dig depth 20-22 ft	\$349.00 day
Trackhoe - Medium Duty 150-155 HP, dig depth 24-26 ft	\$449.00 day
Trackhoe - Heavy Duty 195-200 HP, dig depth over 26 ft	\$599.00 day
2" Blank PVC, 10 ft section	\$16.54 each
4" Blank PVC, 10 ft section	\$41.90 each
2" Screen PVC, 10 ft section	\$30.86 each
4" Screen PVC, 10 ft section	\$61.94 each
100 lb Sack Filter Pack Sand	\$5.42 each
50 lb Bucket Bentonite Pellets	\$48.93 each
50 lb Sack Bentonite Chips	\$7.39 each
8" Monitor Well Manhole	\$59.00 each
12" Monitor Well Manhole	\$85.00 each
Copies	0.05 each page
Fax Transmission	0.05 each page
Mileage	0.32 per mile
Per Diem/Overnight	\$60.00 day
55-gallon Barrel Disposal of Contaminated Non Hazardous Fluid Delivered to a Certified Facility	\$59.00 barrel



**AMEC - GSD Pricing Agreement Number 00-805-09-17658**  
**Environmental Services (continued)**

55-gallon Barrel Disposal of Contaminated Non Hazardous Soil Delivered to a Certified Facility	\$59.00 barrel
Site Surveying	\$57.00 hour
Medium Drill Rig Mobilization	\$0.75 mile
Hollow Stem Auger Drilling Services Small to Medium Rigs (CME 55 or 75 or Equivalent) 2" Monitor Well Installation	\$20.00 ft
Hollow Stem Auger Drilling Services Large Rigs (Failing F-10 or Equivalent) 4" Monitor Well Installation	\$34.00 ft
Air Rotary Drilling	\$230.00 hr
Coring	\$21.00 ft
Water Truck	\$125.00 day
Pickup Truck	\$50.00 day
Steam Cleaner	\$90.00 day
Standby Time (Standard Drill Rig)	\$100.00 hour
Level B Protection Suit	\$200.00 day
Remediation System Replacement Parts	0% discount
Expendable Field Equipment	0% discount

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505  
(505) 827-7133  
Fax: (505) 827-8177



(PLEASE DELIVER THIS FAX)

To: George Friend 505 821 7371 Fax

From: Martynne Kichiny (505) 827 7453 Phone

Date: \_\_\_\_\_

Number of Pages (Includes Cover Sheet) 1 of 5

Message: Here is the Information Concerning

Goodwin treating Plant

Martynne

If you have any trouble receiving this, please call:  
(505) 827-7133



RECEIVED

DEC 04 2000

Environmental Bureau  
Oil Conservation Division

INVOICE 518064

NOV-29-2000  
Page Number

1

AMEC Earth & Environmental, Inc.  
P.O. Box 24445  
Seattle, Washington 98124-0445Energy Conservation & Mnmt Division  
Minerals & Natural Resources  
Oil Conservation Dept  
2040 S Pacheco St  
Santa Fe NM 87505

ATTENTION: Martyne Kieling

*M/K  
Approved For payment  
12-4-00  
Come to my A.*~~Professional Services Through NOV-10-2000~~

Project 0-517-000140 Goodwin Treatment Plant Facility

P.D. #01-311-003456  
P.O. #SPD 00-805-09-17658  
Lea County, NM

LABOR 4,320.00

OTHER EXPENSES 560.75

CURRENT BILLING	4,880.75
NMGRT @ 5.8125 %	283.69
AMOUNT DUE THIS INVOICE	5,164.44

TOTAL CONTRACT	6,200.00
PRIOR BILLINGS	.00
CURRENT INVOICE	4,880.75

TOTAL REMAINING 1,319.25

Project Manager: Friend, George A

**Terms:** Net thirty (30) days. After thirty (30) days from invoice date a late charge of one and one-half percent (1½%) per month, or the maximum rate allowed by law may be charged.

Direct all billing inquiries to your AMEC Earth & Environmental, Inc. Project Manager.  
Please visit our website at  
<http://www.amecee.com>

Federal Tax # 91-1641772





AMEC Earth & Environmental, Inc.  
P.O. Box 24445  
Seattle, Washington 98124-0445

INVOICE 518064  
NOV-29-2000  
Page Number 2

# LABOR

		HOURS	RATE	AMOUNT
Staff Engineer Field Work				
Friend, George A	10/27/00	29.00		
Friend, George A	11/03/00	7.00		
	***	36.00	75.00	2,700.00
Butler, Buddy W	10/27/00	20.00		
	***	20.00	75.00	1,500.00

CADD Draftsperson				
Trujillo, Robert J.	11/03/00	1.50		
Trujillo, Robert J.	11/10/00	1.50		
	***	3.00	40.00	120.00
	-----	59.00		4,320.00

# EXPENSES

		QTY		RATE	AMOUNT
Unit Charges					
Unit Pricing					
Personal Vehicle Mileage		803.00	Mile(s)		
	H1102C 10/27/00				
G Friend					
Personal Vehicle Mileage		240.00	Mile(s)		
	H1102C 10/27/00				
B Butler					
	***	1,043.00		.2500	260.75
Per Diem/Overnight		2.00	Day(s)		
	H1102C 10/27/00				
B Butler					
Per Diem/Overnight		3.00	Day(s)		
	H1102C 10/27/00				
G Friend					
	***	5.00		60.0000	300.00
					-----
					560.75

\*\* Total Project 0-517-000140 4,880.75  
=====

Terms: Net thirty (30) days. After thirty (30) days from invoice date a late charge of one and one-half percent (1½%) per month, or the maximum rate allowed by law may be charged.

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Please visit our website at  
<http://www.amecee.com>

Federal Tax # 91-1641772





RECEIVED

518064

NOV 04 2000

INVOICE

NOV-29-2000

Page Number

1

AMEC Earth & Environmental, Inc.  
P.O. Box 24445  
Seattle, Washington 98124-0445

Environmental Bureau  
Oil Conservation Division

Energy Conservation & Mnmt Division  
Minerals & Natural Resources  
Oil Conservation Dept  
2040 S Pacheco St  
Santa Fe NM 87505

ATTENTION: Martyne Kieling

myk  
Approved For  
Payment  
12-04-00

Professional Services Through NOV-10-2000

-----  
Project 0-517-000140 Goodwin Treatment Plant Facility

P.D. #01-311-003456  
P.O. #SPD 00-805-09-17658  
Lea County, NM

LABOR	4,320.00
-------	----------

OTHER EXPENSES	560.75
----------------	--------

CURRENT BILLING	4,880.75
NMGRT @ 5.8125 %	283.69
AMOUNT DUE THIS INVOICE	5,164.44

TOTAL CONTRACT	6,200.00
PRIOR BILLINGS	.00
CURRENT INVOICE	4,880.75

TOTAL REMAINING	1,319.25
-----------------	----------

Project Manager: Friend, George A

**Terms:** Net thirty (30) days. After thirty (30) days from invoice date a late charge of one and one-half percent (1½%) per month, or the maximum rate allowed by law may be charged.

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Please visit our website at  
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Federal Tax # 91-1641772





518064

**INVOICE**

NOV-29-2000

Page Number

2

AMEC Earth & Environmental, Inc.  
P.O. Box 24445  
Seattle, Washington 98124-0445

**LABOR**

		HOURS	RATE	AMOUNT
<b>Staff Engineer Field Work</b>				
Friend, George A	10/27/00	29.00		
Friend, George A	11/03/00	7.00		
	***	36.00	75.00	2,700.00
Butler, Buddy W	10/27/00	20.00		
	***	20.00	75.00	1,500.00
<b>CADD Draftsperson</b>				
Trujillo, Robert J.	11/03/00	1.50		
Trujillo, Robert J.	11/10/00	1.50		
	***	3.00	40.00	120.00
-----				-----
59.00				4,320.00

**EXPENSES**

		QTY	RATE	AMOUNT
<b>Unit Charges</b>				
<b>Unit Pricing</b>				
Personal Vehicle Mileage		803.00	Mile(s)	
	H1102C 10/27/00			
G Friend				
Personal Vehicle Mileage		240.00	Mile(s)	
	H1102C 10/27/00			
B Butler				
	***	1,043.00	.2500	260.75
Per Diem/Overnight		2.00	Day(s)	
	H1102C 10/27/00			
B Butler				
Per Diem/Overnight		3.00	Day(s)	
	H1102C 10/27/00			
G Friend				
	***	5.00	60.0000	300.00
-----				-----
				560.75
<b>** Total Project 0-517-000140</b>				<b>4,880.75</b>
				=====

**Terms:** Net thirty (30) days. After thirty (30) days from invoice date a late charge of one and one-half percent (1½%) per month, or the maximum rate allowed by law may be charged.

Direct all billing inquiries to your AMEC Earth & Environmental, Inc. Project Manager.  
Please visit our website at  
<http://www.amecee.com>

Federal Tax # 91-1641772





VENDOR CODE **911641772**

VENDOR NAME AND ORDER ADDRESS

**AGRA EARTH & ENVIRONMENTAL INC**  
**8519 JEFFERSON NE**  
**ALBUQUERQUE, NM 87113**

AG0013

**STATE OF  
NEW MEXICO  
PURCHASE DOCUMENT**

BUDGET FY **01** DATE **10/05/2000** PAGE **1 OF 1**

AGENCY CODE **521** DOCUMENT NUMBER **01-311-003456**

TERMS DELIVERY DATE / / FOB

S  
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**OIL CONSERVATION DIVISION**  
**2040 SOUTH PACHECO**  
**SANTA FE, NM 87505**

B  
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**OIL CONSERVATION DIVISION**  
**2040 SOUTH PACHECO**  
**SANTA FE, NM 87505**

AGENCY CONTACT **Mary Anaya** PHONE NUMBER **(505) 827-7150**

FUND	AGCY	ORG	OBJECT	AMOUNT	FOR AGENCY USE
01	311	521	2500	0522	6200.00
					0522 2501 6200.00
TOTAL				6200.00	

MAXIMUM OF SIX ACCOUNTING LINES PER PURCHASE ORDER

AGENCY APPROVAL - I certify that the proposed purchase represented by this document is authorized by and is made in accordance with all State (and if applicable Federal) legislation, rules and regulations. I further certify that adequate unencumbered cash and budget expenditure authority exists for this proposed purchase and all other outstanding purchase commitments and accounts payable.

AGENCY AUTHORIZED SIGNATURE *Joseph F. Moulton Jr.* TITLE DATE **10/05/2000**

☐ **PURCHASE REQUISITION**  
 (Bids must be requested for items over \$500.00)

RECOMMENDED SOURCE & SPECIAL REMARKS:

☐ ESTABLISH ☐ RENEWAL NO.

☒ **CONTRACT, PRICE AGREEMENT, PURCHASE ORDER  
OTHER THAN PROFESSIONAL SERVICE CONTRACTS:**  
 (Approved vendors must be used for items under contract)

C/PA/PO# **SPD 00-805-09-17658** EXPIRES: **08/31/2001**

☐ **DIRECT PURCHASE ORDER**  
 (only valid for purchases \$500.00 and under)

☐ **EXEMPT FROM THE NM PROCUREMENT CODE**  
 Pursuant to Section \_\_\_\_\_ NMSA, 1976

☐ **EXCLUDED FROM PROCUREMENT THROUGH STATE PURCHASING**  
 Pursuant to Section \_\_\_\_\_ NMSA, 1976

☐ **FOR ENCUMBERING PURPOSES ONLY**  
 Reason: \_\_\_\_\_

APPROVAL 1 DATE APPROVAL 2 DATE

QUANTITY	UNIT	COMMODITY CODE	ACCT LN	ARTICLE AND DESCRIPTION	UNIT COST	TOTAL COST
01				Encumber funds for environmental investigation of Goodwin Treating Plant in Lea County	6200.0000	6200.00

TOTAL	6200.00
-------	---------

STATE OF NEW MEXICO  
ENERGY MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal Time 2:04 Date 11-3-00

Originating Party

Other Parties

George Friend  
821-1801

Martine Kelly

Subject Goodwin treating Plant

Discussion Norm Waste Disposal

Locations Lotus in Andrews, Kern Waste Management Andrews Tx.  
\$ 165.00 Disposal Cost per Drum With Transport

25 Feet in Tank + Redwood Tank 225 bbl of waste?

Use 2 Roll off on site

1 Roll off 10 yards There is Approximately 15 to 20 yds total

Conclusions or Agreements

Distribution

Signed



Oil Conservation Division  
Monitoring Well Installation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
AMEC Proposal No. PF00-1024  
31 October 2000

- ◆ 10 feet of 0.010 PVC screen below the top of ground water level
- ◆ 5 feet of 0.010 PVC screen above the top of ground water level
- ◆ gravel pack from the bottom of the hole to 3 feet above the top of the well screen
- ◆ 2 to 3 feet bentonite plug placed on top of gravel pack
- ◆ cement grout containing 3 to 5 % bentonite to surface
- ◆ concrete pad around well surface with locking three (3) foot riser

After completion of the well it will be developed using a hand bailer to surge and purge until the amount of suspended solids have stabilized. The well will be allowed to recharge overnight, then 3 casing volumes will be purged and water samples collected. These samples will be sent for laboratory analysis for BTEX, TPH, total dissolved solids (TDS), major cations/anions and New Mexico Water Quality Control Commission (WQCC) metals. It is our understanding that OCD will provide the necessary sampling supplies and laboratory analysis. At no cost to AMEC

Based on the number of uncertainties inherent in a project such as this, AMEC is unable to extend a fixed cost proposal. Instead, we are proposing a time and materials proposal.

It is anticipated that the project will begin on 6 November 2000 and continue for a period of 2 working days.

#### Monitoring Well Installation Services.

##### Mobilization/Demobilization/ Project Preparation

12 hours Staff Scientist @ \$57/hour	\$684.00
800 miles @ \$ 25/mile	\$200.00
1 man days per diem @ \$60/day	<u>\$60.00</u>

Sub Total \$944.00

##### Drilling Rig Mobilization/Demobilization

Drilling Rig time 3 hours @ \$230/hour	\$690.00
Drilling Rig 120 miles @ \$0.75/mile	\$90.00
Support unit 1 day @ \$50.00/day	<u>\$50.00</u>

Sub Total \$830.00

#### On-Site Activities

Air rotary drilling and well completion	
Drilling 12 hours @ \$230.00/hour	\$2,760.00
15 feet 2 inch 0.010 PVC screen @ \$36/15ft	<u>\$36.00</u>

The logo for AMEC, consisting of the word "amec" in a bold, lowercase, sans-serif font. To the right of the text is a circular graphic element containing a stylized globe or sphere.

Oil Conservation Division  
Monitoring Well Installation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
AMEC Proposal No. PF00-1024  
31 October 2000

60 feet blank 2 inch PVC riser @ \$15.50/10ft	\$93 00
Gravel pack 700 lb @ \$6.60/100lb	\$46.20
Bentonite pellets 50 lb @ \$30/50lb	\$30 00
Cement pad and riser @ \$100	\$100 00
20 hours Staff Scientist @ \$57/hour	\$1,140.00
PID 1 day @ \$5.00/day	\$5 00
1 man days per diem @ \$60/day	<u>\$60.00</u>

Sub Total \$4,270 20

Reporting/HASP Preparation/Project Management

12 hours Senior Scientist @ \$75/hour	\$900.00
4 hours Clerical @ \$29/hour	\$116.00
2 hours Drafting @ \$40/hour	<u>\$80.00</u>

Sub Total \$1096 00

Estimated Project Total (excluding NMGR) \$7,140.20

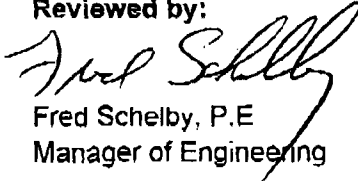
Should you have any questions, please feel free to contact our office.

Respectfully submitted,

AMEC Earth & Environmental, Inc.

  
George A. Friend  
Project Manager

Reviewed by:

  
Fred Schelby, P.E.  
Manager of Engineering

Copies: Addressee (2)

AMEC Earth & Environmental, Inc.  
8519 Jefferson, N.E.  
Albuquerque, New Mexico 87113  
Telephone: 505/821-1801  
Fax: 505/821-7371  
www.amec.com

The logo for AMEC, featuring the word "amec" in a bold, lowercase, sans-serif font. To the right of the text is a circular graphic element containing a stylized globe or sphere.

Oil Conservation Division  
Monitoring Well Installation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
AMEC Proposal No PF00-1024  
31 October 2000

Terms of payment are net 30 days. Payments not received within 30 days will be charged interest at the rate of 1.5 percent per month, an effective annual rate of 18 percent. If this matter is placed in the hands of an attorney for collection, the signatory agrees to pay, in addition to fees and interest due hereon, reasonable attorney's fees.

Accepted for Oil Conservation Division  
(Organization responsible for payment)

By \_\_\_\_\_  
(Name and title)

Signature \_\_\_\_\_ Date \_\_\_\_\_



31 October 2000  
AMEC Proposal No PF00-1024

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

**Attention: Ms. Martyne Kieling**

**RE: SCOPE OF WORK  
MONITORING WELL INSTALLATION  
FORMER PETRO-THERMO CORPORATION  
GOODWIN TREATING PLANT FACILITY  
LEA COUNTY, NEW MEXICO**

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide you with this cost estimate to provide Monitoring Well Installation Services at the Goodwin Treating Plant located in Lea County, New Mexico. Scope of services were detailed in referenced Request for Proposal (RFP).

Acceptance of this proposal can be indicated by executing one copy in the space provided and returned to this office. This scope of work will follow the terms and conditions of AMEC's Site Maintenance and Monitoring Contract (PA No. 00-805-09-17658) awarded by the State of New Mexico, General Services Department. Where a specific item is warranted in the OCD scope of work and is not detailed in the GSA Contract, AMEC will use its most current Unit Fee Schedule.

All work performed at the site will conform with AMEC's Safety Policies and Procedures Manual. A site specific Health and Safety Plan (HASP) will be prepared prior to site mobilization. A record of safety topics covered and attendee list will be kept by AMEC and provided upon request. Safety meeting (tailgate meeting) will be held prior to commencing daily activities.

The Monitoring Well Installation scope of work will consist of drilling at one location and installing a 2 inch diameter well to the depth of approximately ten (10) feet below the top of the water table using an Air Rotary drilling rig. Based on information from nearby wells we anticipate that the depth to water is approximately 60 feet.

Soil samples will be collected at the 3 to 5 foot level then at 10 foot intervals to the bottom of the hole. Soil samples will be field screened using a photo ionization detector (PID). A minimum of one (1) sample from the highest PID reading and 1 bottom hole sample will be submitted for laboratory analysis of total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene and xylene (BTEX). Soil samples for laboratory determination of chloride will be collected at the 3 to 5 foot level, 15 foot level, highest PID reading level and bottom of the hole. It is our understanding that OCD will provide the necessary sampling supplies and laboratory analysis at no cost to AMEC.

The well will then be completed in the following manner.

**Fax**

To Mrs. Martyne Kieling  
Company

Company

Fax 505-827-8177

Charge no

**File no**

**Fax operator**

## Subject

From Mr. George Friend

Direct Tel

Fax 505-821-7371

Pages 5 (inc. this page)

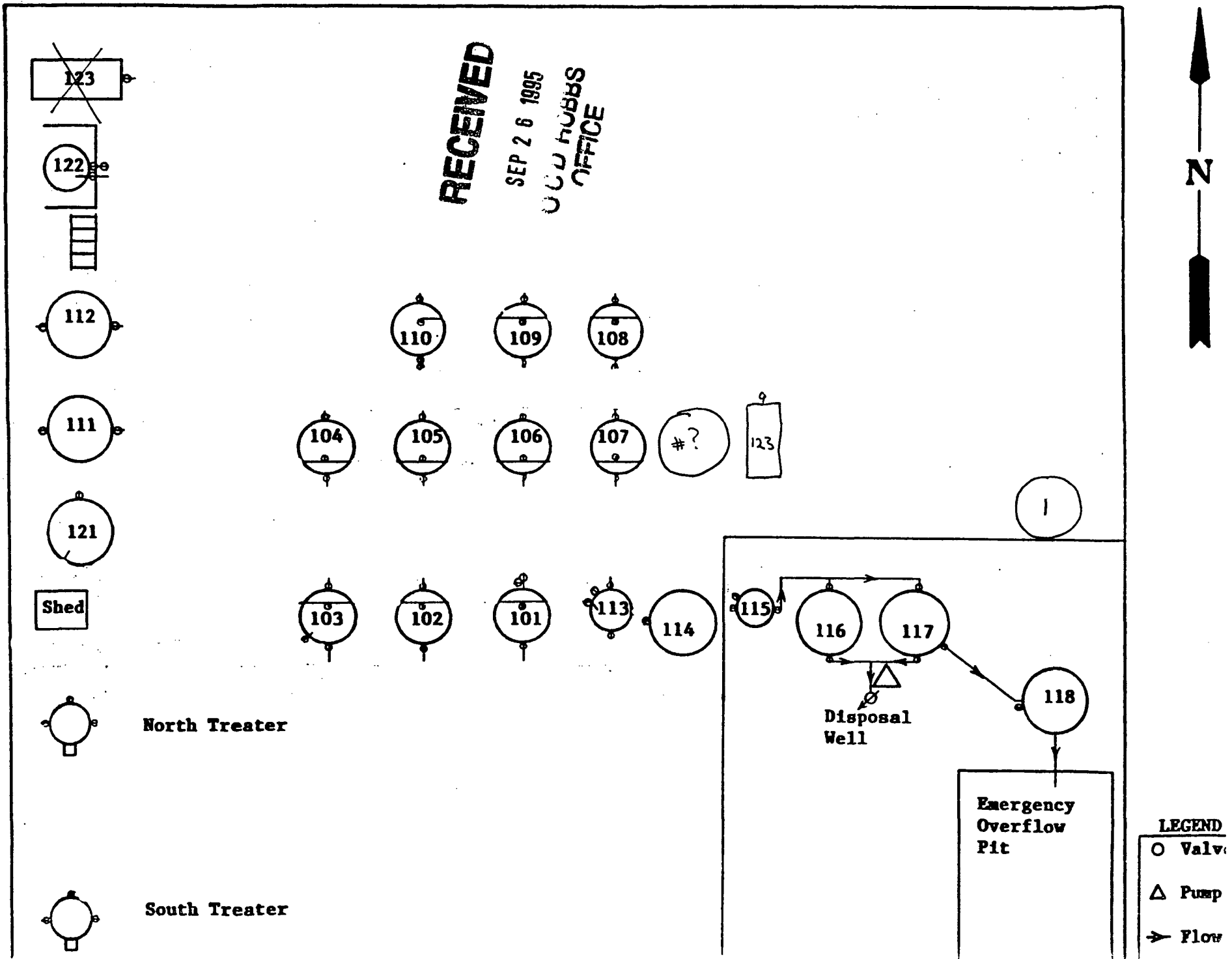
Date 10/31/06

CC

**AMEC Earth & Environmental, Inc.**  
8519 Jefferson NE  
Albuquerque, NM 87113  
Tel (505) 821-1801  
Fax (505) 821-7371  
[www.amec.com](http://www.amec.com)

This fax message is confidential. If you are not the intended recipient please notify us by telephone as soon as possible and either return the message by post or destroy it. If you are not the intended recipient, any use by you of its contents is prohibited.

# Exhibit 1

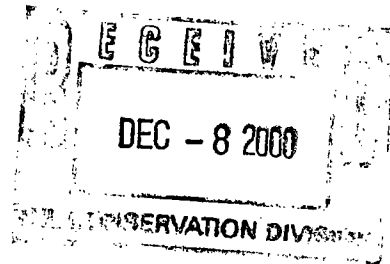






6 December 2000  
AMEC Project No. 0-517-000140  
Revision 1

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505



**Attention: Ms. Martyne Kieling**

**RE: REPORT OF  
PHASE I EVALUATION  
FORMER PETRO-THERMO CORPORATION  
GOODWIN TREATING PLANT FACILITY  
LEA COUNTY, NEW MEXICO**

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide you with the following report covering Phase I evaluation activities at the Goodwin Treating Plant located in Lea County, New Mexico, see attached Vicinity Map. Site work was performed under Purchase Order No. SPD 00-805-09-17658. This report and its contents supercede our earlier report dated 1 November 2000.

Work at the site started on 23 October, 2000 and continued through 24 October, 2000. All site work was performed in accordance with AMEC health and safety guidelines.

Liquids from tanks that were accessible were tested on site to determine recyclable potential. Field test results suggest no recyclable hydrocarbons in the liquids.

Estimates of volume and type of material in the tanks are listed below.

<b>TANK #</b>	<b>TYPE</b>	<b>LIQUIDS (Barrels)</b>	<b>SOLIDS (Feet)</b>
1	Redwood	None	Empty
101	Steel Bolted	None	1.6
102	Steel Bolted	None	1.7
103	Steel Bolted	None	0.6
104	Steel Bolted	None	2.2
105	Steel Bolted	40	0.0
106	Steel Bolted	15	1.6
107	Steel Bolted	None	0.5
108	Steel Bolted	70	1.0
109	Steel Bolted	132	0.6
110	Steel Bolted	None	6.6
111	Redwood	225	9.0
112	Redwood	None	5.0
113	Steel Bolted	218	6.6

Oil Conservation Division  
Phase I Investigation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
AMEC Project No. 0-517-000140  
6 December 2000



TANK #	TYPE	LIQUIDS (Barrels)	SOLIDS (Feet)
114	Redwood	210	9.0
115	Redwood	40	0.0
116	Redwood	115	1.0
117	Redwood	176	0.0
118	Redwood	311	0.6
120	Steel Bolted	None	Empty
121	Redwood	232	1.0
122	Poly	None	Empty
123	Welded	None	Empty

Entry for North and South treaters was not available and no estimate has been made as to the amount or type of contents.

The volume of contaminated soils in the on site soil pile and around the tanks is estimated to be 1450 cubic yards.

Tanks, sludge, liquids and piping at the referenced facility were surveyed for the presence of natural occurring radioactive material (NORM). Readings of over 50 micro-Roentgens per hour (uR/hr) were obtained at locations shown on the attached site map. These readings of over 50 uR/hr prompted the New Mexico Oil Conservation Division (OCD) to require AMEC to collect laboratory samples. These samples were collected from above ground storage tank (AST) number 112, soil pile No. 123 and a composite sample collected from AST Nos. 106, 113 and 114. These samples were collected on 24 October, 2000 by a certified NORM inspector and submitted to the OCD contract laboratory, Trace Analysis, Inc. located in Lubbock TX. Analytical testing for radium 226, radium 228 and lead 210 were requested. Laboratory test results will be provided directly to OCD by the laboratory.

Martyne Kieling of the OCD will attach the laboratory data to this report when the results are available.

Samples from suspect asbestos materials on the North and South treaters were collected on 23 October, 2000 and submitted to Trace Analysis for determination of asbestos content. The laboratory test results indicate that the materials do not contain asbestos. Laboratory test results are attached.

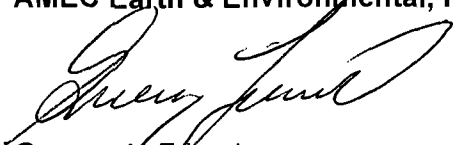


Oil Conservation Division  
Phase I Investigation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
6 December 2000  
AMEC Project No. 0-517-000140

Should you have any questions, please feel free to contact our office.


Respectfully submitted,

**AMEC Earth & Environmental, Inc.**



George A. Friend  
Project Manager

**Reviewed by:**



Fred Schelby, P.E.  
Manager of Engineering

Attachments: Vicinity Map  
Site Map  
Asbestos Sample Results

AMEC Earth & Environmental, Inc.  
8519 Jefferson, N.E.  
Albuquerque, New Mexico 87113  
Telephone: 505/821-1801  
Fax: 505/821-7371  
[www.amec.com](http://www.amec.com)

# Vicinity Map



Mag 9.00

Thu Dec 07 08:22 2000

Scale 1:1,000,000 (at center)

20 Miles

20 KM

- |                               |                         |
|-------------------------------|-------------------------|
| — Major Road                  | ◆ Large City            |
| — Major Highway               | ◆ Park/Reservation      |
| — Interstate/Limited Access   | ◆ City                  |
| — Interstate/Unlimited Access | ✈ Sched Service Airport |
| □ Point of Interest           | ✈ Public Airport        |
| ● County Seat                 | ◆ Small Town            |

\*123  
Low 30  $\mu$ R/hr  
High 80  $\mu$ R/hr

122  
Low 10  $\mu$ R/hr  
High 20  $\mu$ R/hr

Low 18  $\mu$ R/hr  
High 24  $\mu$ R/hr

Low 18  $\mu$ R/hr  
High 48  $\mu$ R/hr

Low 22  $\mu$ R/hr  
High 70  $\mu$ R/hr

\*112  
Low 30  $\mu$ R/hr  
High 170  $\mu$ R/hr

Low 18  $\mu$ R/hr  
High 42  $\mu$ R/hr

Low 10  $\mu$ R/hr  
High 40  $\mu$ R/hr

Low 60  $\mu$ R/hr  
High 105  $\mu$ R/hr

111  
Low 18  $\mu$ R/hr  
High 55  $\mu$ R/hr

104

105

106

107  
Low 18  $\mu$ R/hr  
High 42  $\mu$ R/hr

121  
Low 30  $\mu$ R/hr  
High 60  $\mu$ R/hr

Shed

103  
Low 12  $\mu$ R/hr  
High 20  $\mu$ R/hr

102  
Low 12  $\mu$ R/hr  
High 20  $\mu$ R/hr

101  
Low 12  $\mu$ R/hr  
High 35  $\mu$ R/hr

\*  
Low 30  $\mu$ R/hr  
High 100  $\mu$ R/hr

113

114  
Low 60  $\mu$ R/hr  
High 100  $\mu$ R/hr

115  
Low 40  $\mu$ R/hr  
High 70  $\mu$ R/hr

116  
Low 50  $\mu$ R/hr  
High 70  $\mu$ R/hr

117  
Low 30  $\mu$ R/hr  
High 60  $\mu$ R/hr

118  
Low 30  $\mu$ R/hr  
High 70  $\mu$ R/hr

North Treater  
Low 20  $\mu$ R/hr  
High 60  $\mu$ R/hr

Gate

South Treater  
Low 20  $\mu$ R/hr  
High 40  $\mu$ R/hr

Disposal Well

Emergency Overflow Pit

NOT TO SCALE

LEGEND  
— Property Line  
□ Norm On Site Readings  
x Asbestos Samples  
\* Norm Laboratory Samples  
○ Aboveground Storage Tank  
□ Soil Pile  
--- Composite Sample  
No. 108, 113, 114

amec  
8519 Jefferson NE  
Albuquerque, New Mexico 87113

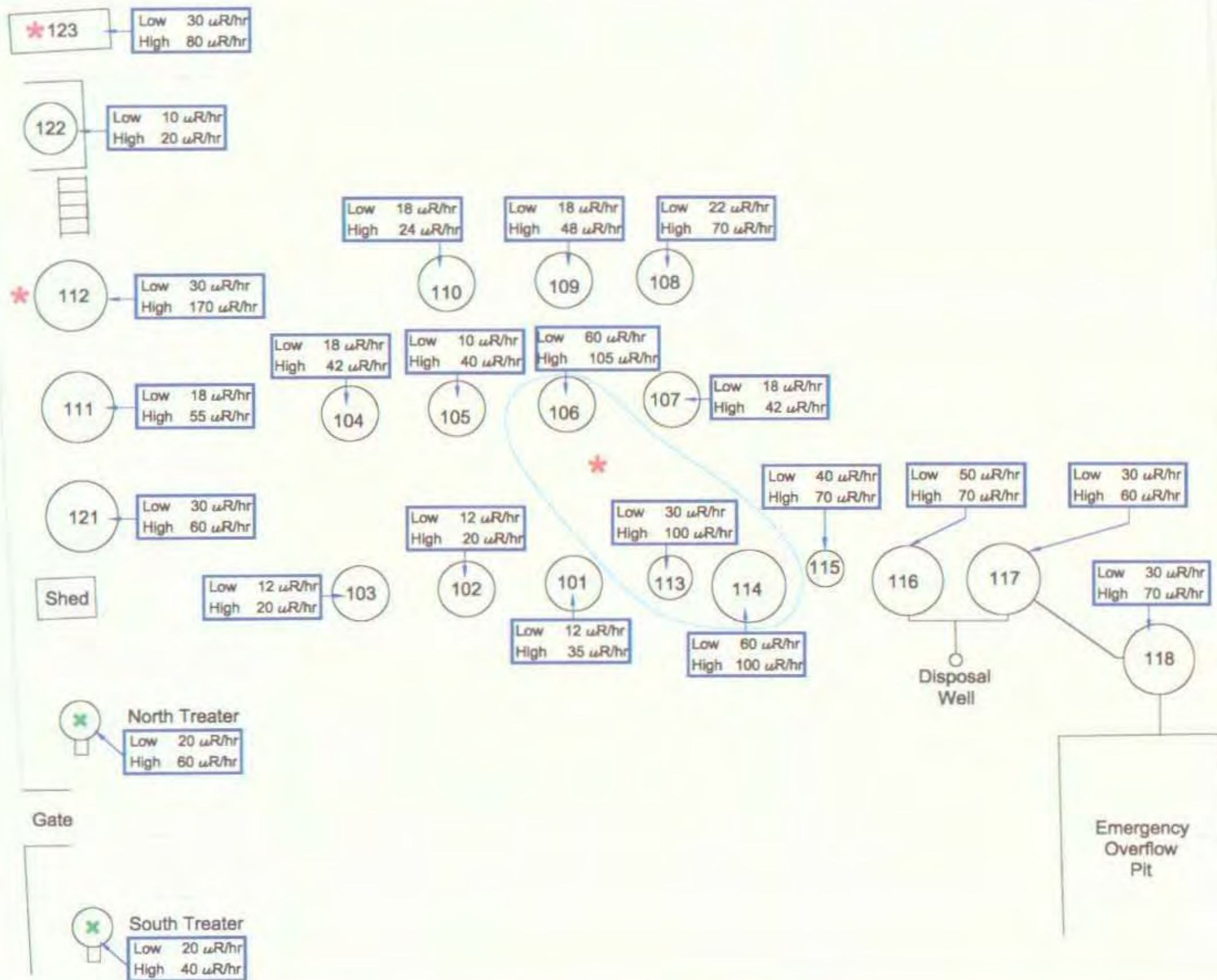
Goodwin Treating Plant  
Lea County, New Mexico  
AMEC Project No. 0-517-000140

Site Plan  
with Norm Readings  
and Sample Locations

07 Nov. 2000  
RJT  
GF

FIGURE 1





NOT TO SCALE

LEGEND	
	Property Line
	Norm On Site Readings
	Asbestos Samples
	Norm Laboratory Samples
	Aboveground Storage Tank
	Soil Pile
	Composite Sample No. 106, 113, 114

Goodwin Treating Plant  
Lea County, New Mexico  
AMEC Project No. 0-517-000140

**amec**  
8519 Jefferson, NE  
Albuquerque, New Mexico 87113

Site Plan  
with Norm Readings  
and Sample Locations

DATE DRAWN  
07 Nov. 2000  
DRAWN BY  
RJT  
CHECKED BY  
GF

FIGURE 1



**THE REPRODUCTION OF**

**THE**

**FOLLOWING**

**DOCUMENT ( S )**

**CANNOT BE IMPROVED**

**DUE TO**

**THE CONDITION OF**

**THE ORIGINAL**



# Kevco

LABORATORY & CONSULTING SERVICES

## WALL ASBESTOS SAMPLE ANALYSIS REPORT

REPORT DATE: 12/27/00

TEST METHOD: 40 CFR CH. I (1-1-87 EDITION) PT 763,  
SUBPT. F APP. B, PARTS 242-277REPORT TO: TRACEANALYSIS, INC.  
4701 ANDERSON AVENUE  
LIBBEX  
ATTENTION: KELL BROWN

TX 79424

ANALYST SIGNATURE:


  
GARY LANDRUM

KEVCO JOB NUMBER	15321	15321
DATE RECEIVED	10/27/00	10/27/00
DATE ANALYZED	10/27/00	10/27/00
CLIENT SAMPLE ID:	157004	157005
PROJECT ID:		
SAMPLE LOCATION:		
IS THE SAMPLE HOMOGENEOUS?	NO	NO
DOES IT CONTAIN LATENT?	YES	YES
IS THE SAMPLE FIBROUS?	NO	NO
SAMPLE COLOR	WHITE/YELLOW/BLACK	WHITE/YELLOW/BLACK
SAMPLE CONTAIN ASBESTOS FIBERS?	NO	NO
ASBESTOS TYPE AND PERCENT:		
TOTAL PERCENT ASBESTOS:	0 PERCENT	0 PERCENT
FIBROUS MATERIALS AND PERCENT:	FIBROUS GLASS < 1% CELLULOSE < 1% SYNTHETIC < 1% HAIR (WOOL) < 1%	FIBROUS GLASS < 1% CELLULOSE < 1% SYNTHETIC < 1% HAIR (WOOL) < 1%
NONFIBROUS CONSTITUENTS:	MATRIX/FILLER FOAM INSULATION	MATRIX/FILLER FOAM INSULATION
DEVIATION FROM TEST METHOD:	NI	NI

- THIS TEST REPORT RELATES ONLY TO THE ITEMS TESTED AND MUST NOT BE REPRODUCED EXCEPT WITH THE APPROVAL OF THE LABORATORY.
- ALL SAMPLES WILL BE DISPOSED OF 90 DAYS FOLLOWING SAMPLE RECEIPT UNLESS OTHERWISE INSTRUCTED BY THE CLIENT.
- UNDER CURRENT EPA REGULATIONS, AN "ASBESTOS CONTAINING MATERIAL" CONTAINS MORE THAN ONE PERCENT ASBESTOS.
- UNLESS OTHERWISE STATED, TEST METHOD DOES NOT UTILIZE POINT COUNTING. QUANTITATION OF COMPONENTS BY VISUAL ESTIMATION DURING MACROSCOPIC AND/OR PEM EXAMINATIONS.
- UNDER CURRENT FEDERAL REGULATIONS, 40 CFR PART 61, ASBESTOS CONTENT IN SAMPLES WITH LESS THAN 10 PERCENT ASBESTOS MUST BE REVERIFIED BY PLM POINT COUNTING.
- THIS TEST REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENHANCEMENT BY NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT.

\*1 MATRIX OF SAMPLE DISSOLVED IN TETRAHYDROFURAN, UNATED, EVAPORATED, THEN ANALYZED CONTINUES ACCORDING TO TEST METHOD.

Kevco Services Inc. • 466 PITTSBURGH ROAD • BUTLER, PA 16005  
TEL 724-246-6340 FAX 724-246-2172

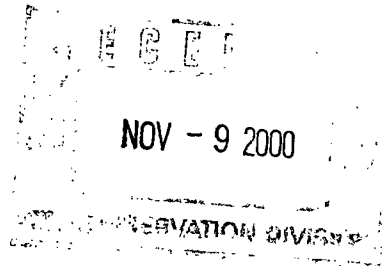






7 November 2000  
AMEC Project No. 0-517-000140

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505



**Attention: Ms. Martyne Kieling**

**RE: REPORT OF  
PHASE I EVALUATION  
FORMER PETRO-THERMO CORPORATION  
GOODWIN TREATING PLANT FACILITY  
LEA COUNTY, NEW MEXICO**

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide you with the following report covering Phase I evaluation activities at the Goodwin Treating Plant located in Lea County, New Mexico, see attached Vicinity Map. Site work was performed under Purchase Order No. SPD 00-805-09-17658.

Work at the site started on 23 October, 2000 and continued through 24 October, 2000. All site work was performed in accordance with AMEC health and safety guidelines.

Tanks, sludge, liquids and piping at the referenced facility were surveyed for the presence of natural occurring radioactive material (NORM). Readings of over 50 micro-Roentgens per hour (uR/hr) were obtained at locations shown on the attached site map. These readings of over 50 uR/hr prompted the New Mexico Oil Conservation Division (OCD) to require AMEC to collect laboratory samples. These samples were collected from above ground storage tank (AST) number 112, soil pile No. 123 and a composite sample collected from AST Nos. 106, 113 and 114. These samples were collected on 24 October, 2000 by a certified NORM inspector and submitted to the OCD contract laboratory, Trace Analysis, Inc. located in Lubbock TX. Analytical testing for radium 226, radium 228 and lead 210 were requested. Laboratory test results will be provided directly to OCD by the laboratory.

Martyne Kieling of the OCD will attach the laboratory data to this report when the results are available.

Samples from suspect asbestos materials on the North and South treaters were collected on 23 October, 2000 and submitted to Trace Analysis for determination of asbestos content. The laboratory test results indicate that the materials do not contain asbestos. Laboratory test results are attached.

Oil Conservation Division  
Phase I Investigation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
AMEC Project No. 0-517-000140  
7 November 2000



Should you have any questions, please feel free to contact our office.

Respectfully submitted,

**AMEC Earth & Environmental, Inc.**

A handwritten signature in dark ink, appearing to read "George A. Friend".

George A. Friend  
Project Manager

**Reviewed by:**

A handwritten signature in dark ink, appearing to read "Fred Schelby".

Fred Schelby, P.E.  
Engineering Manager

Attachments: Vicinity Map  
Site Map  
Asbestos Sample Results

GAF:ctl

AMEC Earth & Environmental, Inc.  
8519 Jefferson, N.E.  
Albuquerque, New Mexico 87113  
Telephone: 505/821-1801  
Fax: 505/821-7371  
[www.amec.com](http://www.amec.com)

# VICINITY MAP

# Vicinity Map



Mag 9.00  
Mon Nov 06 13:52 2000  
Scale 1:1,000,000 (at center)

20 Miles  
20 KM

- |                               |                         |
|-------------------------------|-------------------------|
| — Major Road                  | ◆ Large City            |
| — Major Highway               | ◆ Park/Reservation      |
| — Interstate/Limited Access   | ◆ City                  |
| — Interstate/Unlimited Access | ✈ Sched Service Airport |
| ■ Point of Interest           | ✈ Public Airport        |
| ● County Seat                 | ◆ Small Town            |

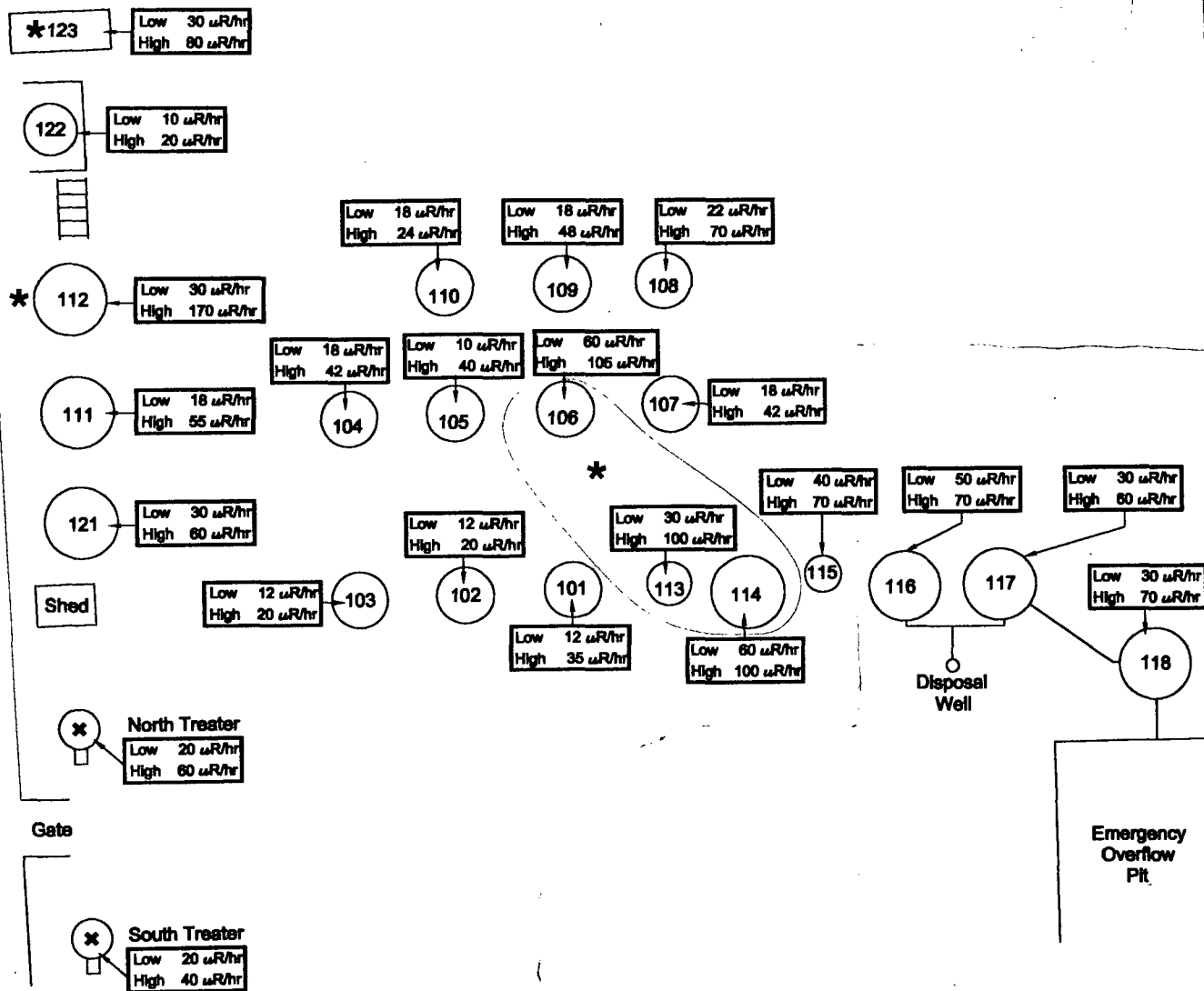
# SITE MAP

DATE: 07 Nov. 2000  
 DRAWN BY: RJT  
 CHECKED BY: GF

# Site Plan with Norm Readings and Sample Locations

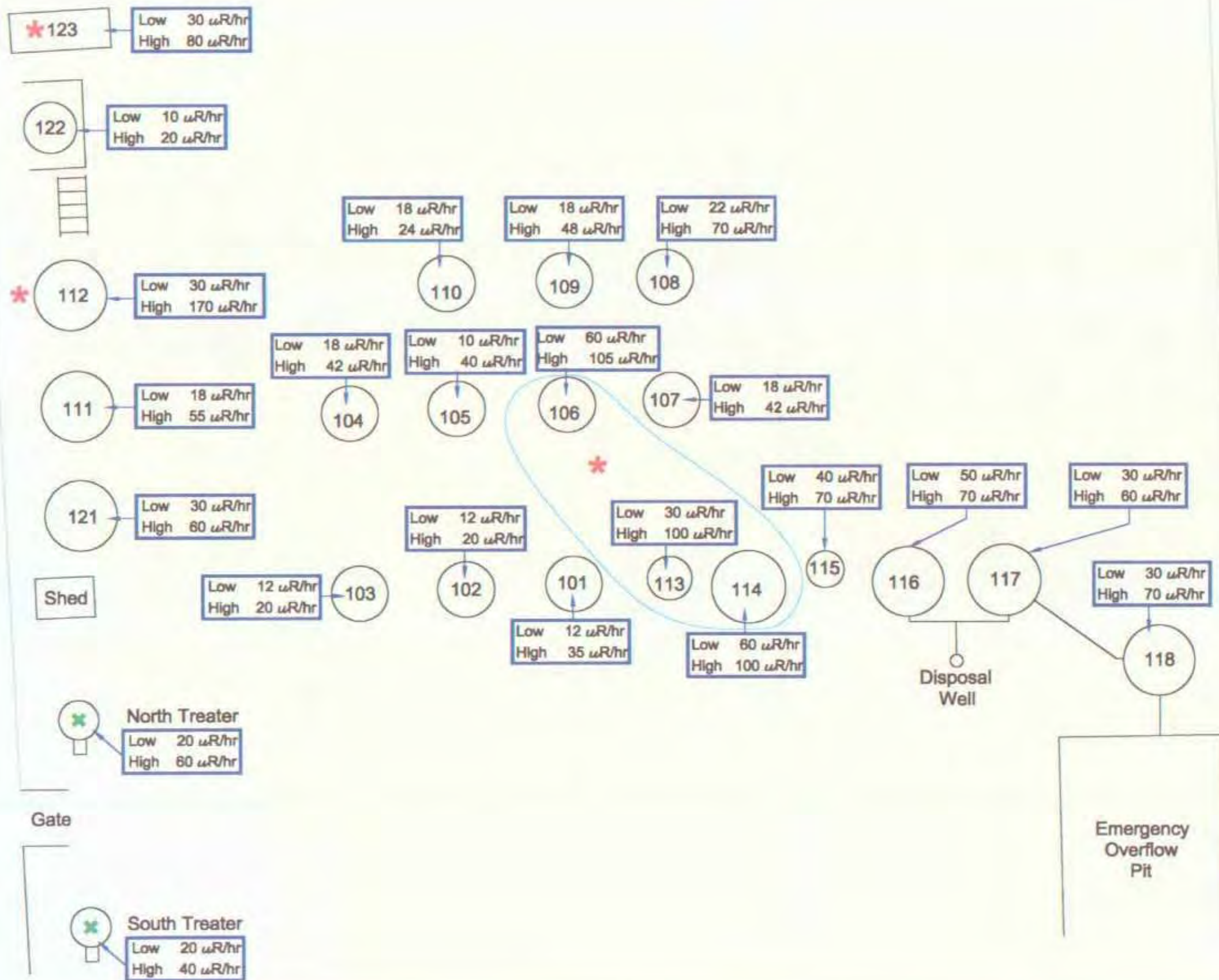
ameco  
 8819 Jefferson, NE  
 Albuquerque, New Mexico 87113

Goodwin Treating Plant  
 Lea County, New Mexico  
 AMEC Project No. 0-517-000140



NOT TO SCALE





LEGEND	
	Property Line
	Norm On Site Readings
	Asbestos Samples
	Norm Laboratory Samples
	Aboveground Storage Tank
	Soil Pile
	Composite Sample No. 106, 113, 114

<b>ameco</b> 8519 Jefferson, NE Albuquerque, New Mexico 87113	SHEET TITLE <b>Site Plan with Norm Readings and Sample Locations</b>		
	DATE DRAWN	07 Nov. 2000	FIGURE 1
	DRAWN BY	RJT	GF
Goodwin Treating Plant Lea County, New Mexico AMEC Project No. 0-517-000140			



# ASBESTOS SAMPLE RESULTS



**THE REPRODUCTION OF**

**THE**

**FOLLOWING**

**DOCUMENT ( S )**

**CANNOT BE IMPROVED**

**DUE TO**

**THE CONDITION OF**

**THE ORIGINAL**

# Kevco

LABORATORY & CONSULTING SERVICES

## BULK ASBESTOS SAMPLE ANALYSIS REPORT

REPORT DATE: 10/27/00

TEST METHOD: 40 CFR CH. I (1-1-87 EDITION) BY 763,  
SUBPT. F APP. A, PARTS 263-279.

REPORT TO: TRACEANALYSIS, INC.  
4701 ASBESTOS AVE  
LUBBOCK TX 79424  
ATTENTION: WILL BROWN

ANALYST SIGNATURE:

*Gary Landrum*  
GARY LANDRUM

KEVCO JOB NUMBER:	15321	15321
DATE RECEIVED:	10/27/00	10/27/00
DATE ANALYZED:	10/27/00	10/27/00
CLIENT SAMPLE ID:	157004	157005
PROJECT ID:		
SAMPLE LOCATION:		
IS THE SAMPLE HOMOGENEOUS?	NO	NO
DID IT CONTAIN LAYERS?	YES	YES
IS THE SAMPLE FIBROUS?	NO	NO
SAMPLE COLOR:	WHITE/YELLOW/BLACK	WHITE/YELLOW/BLACK
SAMPLE CONTAIN ASBESTOS FIBERS?	NO	NO
ASBESTOS TYPE AND PERCENT:		
TOTAL PERCENT ASBESTOS:	0 PERCENT	0 PERCENT
FIBROUS MATERIALS AND PERCENT:	FIBROUS GLASS < 1% CELLULOSE < 1% SYNTHETIC < 1% HAIR (WOOL) < 1%	FIBROUS GLASS < 1% CELLULOSE < 1% SYNTHETIC < 1% HAIR (WOOL) < 1%
NONFIBROUS CONSTITUENTS:	MATRIX/FILLER FOAM INSULATION	MATRIX/FILLER FOAM INSULATION
DEVIATION FROM TEST METHOD:	NI	NI

- THIS TEST REPORT RELATES ONLY TO THE ITEMS TESTED AND MUST NOT BE REPRODUCED EXCEPT WITH THE APPROVAL OF THE LABORATORY.
- ALL SAMPLES WILL BE DISPOSED OF 90 DAYS FOLLOWING SAMPLE RECEIPT UNLESS OTHERWISE INSTRUCTED BY THE CLIENT.
- UNDER CURRENT EPA REGULATIONS, AN "ASBESTOS CONTAINING MATERIAL" CONTAINS MORE THAN ONE PERCENT ASBESTOS.
- UNLESS OTHERWISE STATED, TEST METHOD DOES NOT UTILIZE POINT COUNTING. QUANTITATION OF COMPONENTS BY VISUAL ESTIMATION DURING MACROSCOPIC AND/OR PLM EXAMINATIONS.
- UNDER CURRENT NESHAP REGULATIONS, 40 CFR PART 61, ASBESTOS CONTENT IN SAMPLES WITH LESS THAN 10 PERCENT ASBESTOS MUST BE REVERIFIED BY PLM POINT COUNTING.
- THIS TEST REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT.

\* IF MATRIX OF SAMPLE DISSOLVED IN TETRAHYDROFUR, HEATED, EVAPORATED, THEN ANALYSIS CONTINUES ACCORDING TO TEST METHOD.





1313 13th Street  
Lubbock, TX 79401

082

DESTINATION STATION CITY & STATE		ZIP
Lubbock, TX		79424
To (Recipient's Name)		
TRACE ANALYSIS Inc		
Exact Street Address Cannot deliver to P.O. Box or Zip Code		
6701 ABERDEEN AVE		
City	State	Zip
Lubbock	TX	79424
Recipient's Package Express Account No.		Recipient's Phone Number (very Important)
		( ) -
Shipper's Phone Number (Very Important)		Shipper's Package Express Account No.
( ) -		
From (Shipper's Name)		
N.M. O.C.D.		
Exact Street Address Cannot deliver to P.O. Box or Zip Code		
2040 S. Pacheco		
City	State	Zip
Sante Fe	NM	87505

(Herbs) SHIPPER'S RECEIPT - 1

MO	DAY	YEAR	TIME	AM	PM	FORWARDING AGENCY NO.	FORWARDING AGENT'S INITIALS	PICK-UP AGENT I.D.	DELIVERY AGENT I.D.	DESTINATION AGENCY NO.
10	24	00	3:30							
BUSBILL NUMBER DO NOT WRITE IN THIS AREA										
902 463 578 5										
INTERLINE INFORMATION										
Carrier Code		City				Schedule #				
Carrier Code		City				Schedule #				
Carrier Code		City				Schedule #				
SERVICE REQUIRED										
NBO SAME DAY OVER-NIGHT STD BILL PKG EXPRESS ACCOUNT CASH BILL 3RD PARTY BILL CRDT CARD										
PAYMENT										
X X = ÷ 200 =										
DIMENSIONAL WEIGHT COMPUTATION DIMENSIONAL WGT. LBS.										
NO. OF PIECES		ACTUAL WEIGHT LBS.		DECLARED VALUE \$						
1		11								
CONTENTS						CARTON DESCRIPTION				
						Toolbox				

DEL. REQ'D	RATE ZONE	C.O.D.
PREPAID	CHARGES	COLLECT
\$	EXPRESS	\$ 11.35
	REFWD	
	VALUE	
	COLLECT / C.O.D. FEE	2.00
	SUB TOTAL	13.35
	PICK-UP	
	DELIVERY	
	TAX	
	C.O.D. AMOUNT	
\$	TOTAL	\$ 13.35

(NOT NEGOTIABLE) SUBJECT TO TARIFF REGULATIONS LIABILITY: This Carrier will not pay loss or damage claims over \$100 per shipment or \$50 per package, whichever is greater, unless a greater value is declared and charges for such greater value paid. Maximum valuation on any one shipment is limited by tariff. (See Tariff for Intrastate exceptions). In no event shall the Carrier be liable for consequential or incidental damage for loss, damage or delay.

# TRACE ANALYSIS, INC.

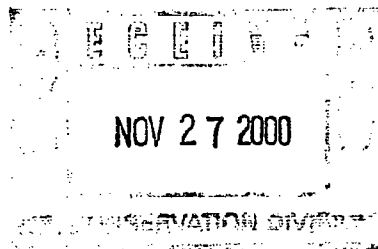
6701 Aberdeen Avenue, Suite 9  
4725 Ripley Avenue, Suite A

Lubbock, Texas 79424 800•378•1296  
El Paso, Texas 79922 888•588•3443  
E-Mail: lab@traceanalysis.com

806•794•1296 FAX 806•794•1298  
915•585•3443 FAX 915•585•4944

Bill To: **OCD**  
2040 S. Pacheco  
Santa Fe, NM 87505

Attn: **Wayne Price**



**Invoice # 44605**

Invoice Date: **Nov 20, 2000**

Order ID: **A00102611**

Project #: **0 517-000140**  
Project Name: **Goodwin Treating Plant**  
Project Location: **Hobbs, NM**

Test	Quantity	Matrix	Description	Price	SubTotal
Shipping - <del>Asbestos</del>	1	Solid	157004 - 157004	\$15.00	\$15.00
Radium 226/228	3	Sludge	157006 - 157008	\$113.00	\$339.00
Asbestos	2	Solid	157004 - 157005	\$30.00	\$60.00
Payment Terms: Net 30 Days				Total	\$414.00

  
\_\_\_\_\_  
Director, Dr. Blair Leftwich

APPROVED  
W Price

# TRACE ANALYSIS, INC.

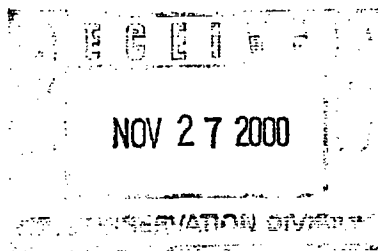
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El Paso, Texas 79922 888•588•3443  
E-Mail: lab@traceanalysis.com

806•794•1296 FAX 806•794•1298  
915•585•3443 FAX 915•585•4944

Bill To: **OCD**  
2040 S. Pacheco  
Santa Fe, NM 87505

Attn: **Wayne Price**



**Invoice # 44605**

Invoice Date: **Nov 20, 2000**

Order ID: **A00102611**

Project #: **0 517-000140**  
Project Name: **Goodwin Treating Plant**  
Project Location: **Hobbs, NM**

Test	Quantity	Matrix	Description	Price	SubTotal
Shipping - <del>Asbestos</del>	1	Solid	157004 - 157004	\$15.00	\$15.00
Radium 226/228	3	Sludge	157006 - 157008	\$113.00	\$339.00
Asbestos	2	Solid	157004 - 157005	\$30.00	\$60.00
Payment Terms: Net 30 Days				Total	\$414.00

  
\_\_\_\_\_  
Director, Dr. Blair Leftwich

# Kevco

LABORATORY & CONSULTING SERVICES

## BULK ASBESTOS SAMPLE ANALYSIS REPORT

REPORT DATE: 10/27/00

TEST METHOD: 40 CFR CH. I (1-1-87 EDITION) PT 763,  
SUBPT. F APP. A. PAGES 293-299.

REPORT TO: TRACEANALYSIS, INC.  
6701 ABERDEEN AVENUE  
LUBBOCK TX 79424  
ATTENTION: NELL GREEN

ANALYST SIGNATURE: *Gary Landini*

GARY LANDINI

KEVCO JOB NUMBER:	15321	15321	
DATE RECEIVED:	10/27/00	10/27/00	
DATE ANALYZED:	10/27/00	10/27/00	
CLIENT SAMPLE ID:	157004	157005	
PROJECT ID:			
SAMPLE LOCATION:			
IS THE SAMPLE HOMOGENEOUS?	NO	NO	
DOES IT CONTAIN LAYERS?	YES	YES	
IS THE SAMPLE FIBROUS?	NO	NO	
SAMPLE COLOR:	WHITE/YELLOW/BLACK	WHITE/YELLOW/BLACK	
SAMPLE CONTAIN ASBESTOS FIBERS?	NO	NO	
ASBESTOS TYPE AND PERCENT:			
TOTAL PERCENT ASBESTOS:	0 PERCENT	0 PERCENT	
FIBROUS MATERIALS AND PERCENT:	FIBROUS GLASS < 1% CELLULOSE < 1% SYNTHETIC < 1% HAIR (WOOL) < 1%	FIBROUS GLASS < 1% CELLULOSE < 1% SYNTHETIC < 1% HAIR (WOOL) < 1%	
NONFIBROUS CONSTITUENTS:	MATRIX/FILLER FOAM INSULATION	MATRIX/FILLER FOAM INSULATION	
DEVIATION FROM TEST METHOD:	*1	*1	

- THIS TEST REPORT RELATES ONLY TO THE ITEMS TESTED AND MUST NOT BE REPRODUCED EXCEPT WITH THE APPROVAL OF THE LABORATORY.
  - ALL SAMPLES WILL BE DISPOSED OF 90 DAYS FOLLOWING SAMPLE RECEIPT UNLESS OTHERWISE INSTRUCTED BY THE CLIENT.
  - UNDER CURRENT EPA REGULATIONS, AN "ASBESTOS CONTAINING MATERIAL" CONTAINS MORE THAN ONE PERCENT ASBESTOS.
  - UNLESS OTHERWISE STATED, TEST METHOD DOES NOT UTILIZE POINT COUNTING. QUANTITATION OF COMPONENTS BY VISUAL ESTIMATION DURING MACROSCOPIC AND/OR PLM EXAMINATIONS.
  - UNDER CURRENT NESHAP REGULATIONS, 40 CFR PART 61, ASBESTOS CONTENT IN SAMPLES WITH LESS THAN 10 PERCENT ASBESTOS MUST BE REVERIFIED BY PLM POINT COUNTING.
- THIS TEST REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT.

\*1 MATRIX OF SAMPLE DISSOLVED IN TETRAHYDROFURAN, HEATED, EVAPORATED, THEN ANALYSIS CONTINUES ACCORDING TO TEST METHOD.





1726 Wooddale Court • Baton Rouge, Louisiana 70806

1 (800) 401-4277 • Fax (225) 927-6822

## **American Radiation Services, Inc.**

### **Laboratory Analysis Report**

#### **Prepared For:**

**Trace Analysis, Inc.**

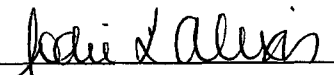
**Nell Green**

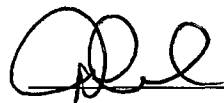
**6701 Aberdeen Ave, Ste. 9**

**Lubbock, TX 79424**

**Phone: 806-794-1296**

**Fax: 806-794-1298**

  
**Quality Assurance Review**

  
**Danny L. Coleman**  
**Laboratory Manager**



**ARS Tracking Number:** ARS-00-1267

**Client I.D.:** 157007

**Date Sampled:** 10/24/00

Time Sampled: N/A

Type of Sample: Solid

Analysis Description	Analysis Result	Analysis Error $\pm 2\sigma$	Detection Limit	Analysis Units	Analysis Test Method	Analysis Date & Time	Analysis Technician
Ra-226	47.28	2.50	0.76	pCi/gm	EPA 901.1M	11/02/00 1609	RB
Ra-228	BDL	N/A	0.12	pCi/gm	EPA 901.1M	11/02/00 1609	RB
Pb-210	15.72	2.44	0.91	pCi/gm	EPA 901.1M	11/02/00 1609	RB
Total Activity	147.84	N/A	N/A	pCi/gm	EPA 901.1M	11/02/00 1609	RB

*John A. Alex's*  
Quality Assurance Review

Notes: American Radiation Services, Inc assumes no liability for the use or interpretation of any analytical results provided other than the cost of the performed analysis itself. Reproduction of this report in less than full requires the written consent of the client.



1726 Wooddale Court • Baton Rouge, Louisiana 70806

1 (800) 401-4277 • Fax (225) 927-6822

ARS Tracking Number: ARS-00-1267 Project Name: N/A  
Client I.D.: 157008 ARS Sample I.D.: ARS-00-4965  
Date Sampled: 10/24/00 Date Received: 11/1/00  
Time Sampled: N/A Time Received: 0930  
Type of Sample: Solid Date of Report: 11/6/00

Analysis Description	Analysis Result	Analysis Error $\pm 2\sigma$	Detection Limit	Analysis Units	Analysis Test Method	Analysis Date & Time	Analysis Technician
Ra-226	8.49	1.14	0.37	pCi/gm	EPA 901.1M	11/02/00 1544	RB
Ra-228	0.41	0.14	0.04	pCi/gm	EPA 901.1M	11/02/00 1544	RB
Pb-210	3.53	0.75	0.37	pCi/gm	EPA 901.1M	11/02/00 1544	RB
Total Activity	27.85	N/A	N/A	pCi/gm	EPA 901.1M	11/02/00 1544	RB

  
Quality Assurance Review

Notes: American Radiation Services, Inc assumes no liability for the use or interpretation of any analytical results provided other than the cost of the performed analysis itself. Reproduction of this report in less than full requires the written consent of the client.



### Notes:

#### Comments:

- 1.0) Soil and Sludge analysis are reported on a wet basis or an as received basis unless otherwise indicated.
- 2.0) The data in this report are within the limits of uncertainty specified in the reference method unless specified.
- 3.0) Modified analysis procedures are procedures that are modified to meet the certain specifications. An example may be the use of a water method to analyze a solid matrix due to the lack of an officially recognized procedure for the analysis of the solid matrix.
- 4.0) Derived Air Concentrations and Effluent Release Concentrations are obtained from 10 CFR 20 Appendix B.
- 5.0) Total activity is actually total gamma activity and is determined utilizing the prominent gamma emitters from the naturally occurring radioactive decay chains and other prominent radioactive nuclides. Total activity may be lower than actual total activity due to the extent of secular equilibrium achieved in the various decay chains at the time of analysis. The total activity is not representative of nuclides that emit solely alpha or beta particles.
- 6.0) Ra-228 is determined via secular equilibrium with its daughter, Actinium 228. (Gamma Spectroscopy only).
- 7.0) U-238 is determined via secular equilibrium with its daughter, Thorium 234. (Gamma Spectroscopy only).
- 8.0) All Gamma spectroscopy was performed utilizing high purity germanium detectors (HPGe).

#### Method References:

- 1.0) EPA 600/4-80-032, Prescribed Procedures for the Measurements of Radioactivity in Drinking Water, August 1980.
- 2.0) Standard Methods for the Examination of Water and Waste Water, 18th, 1992.
- 3.0) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, (9/86). (Updated through 1995).
- 4.0) EPA 600/4/79-020, Methods for Chemical Analysis of Water and Waste, March 1983.
- 5.0) HASL 300

#### Definitions:

- |       |                 |  |
|-------|-----------------|--|
| 1.0)  | BDL             | Analyte not detected because the value was below the detection limit.                  |
| 2.0)  | ND              | Not detected above the detection limit.  |
| 3.0)  | Detection Limit | The minimum amount of the analyte that ARS can detect utilizing the specific analysis. |
| 4.0)  | B               | Method Blank   |
| 5.0)  | D               | Method Duplicate   |
| 6.0)  | MS              | Matrix Spike   |
| 7.0)  | S               | Spike  |
| 8.0)  | RS              | Reference Spike  |
| 9.0)  | *SC             | Subcontracted out to another qualified laboratory                                      |
| 10.0) | NR              | Not Referenced   |
| 11.0) | N/A             | Not Applicable   |

Page 1 of 1

# TraceAnalysis, Inc.

4725 Ripley Dr., Ste A  
El Paso, Texas 79922-1028  
Tel (915) 585-3443  
Fax (915) 585-4944  
1 (888) 588-3443

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

A0010261

**Company Name:**

Phone #: 600 827-7183

NEW MEXICO DIN CONSERVATION DIV.

Address: (Street, City, Zip)

Fax #: NM 82505 8278177

**Contact Person:**

MATYNE KIELING

Invoice to:  
(If different from above)

Project #: 0517-000140

Project Name: POPSWIN TREATING AUTHORITY

Project Location: HOBBS NM.

**Sampler Signature:**

[illegible]

Relinquished by: James, Linn Date: 10/23/00 Time: 12:00

Received by: \_\_\_\_\_ Date: 11/11/2011 Time: 11:00

Relinquished by: [Signature] Date: 10/24/00 Time: 1530

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received at Laboratory by: Rich. Dunsley Date: 10-25-00 Time: 9:00am

**LAB USE ONLY**

Intact Y / N

Headspace ☒ Y / N

Temp

Log-in Review

## REMARKS:

REMARKS:  
505-821-7371 fax to  
George Friend, AMEL  
per martyne 11/1/00

Bus 902 463 5786

Carrier #

~~GPS 1276246 E 03 4012 9602~~

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

VENDOR CODE **911641772**

VENDOR NAME AND ORDER ADDRESS  
**AGRA EARTH & ENVIRONMENTAL INC**  
**8519 JEFFERSON NE**  
**ALBUQUERQUE, NM 87113**

AG0013

**STATE OF  
NEW MEXICO  
PURCHASE DOCUMENT**

BUDGET FY **01** DATE **10/05/2000** PAGE **1 OF 1**

AGENCY CODE **521** DOCUMENT NUMBER **01-311-003456**

TERMS \_\_\_\_\_ DELIVERY DATE **/ /** FOB \_\_\_\_\_

S H I P T O **OIL CONSERVATION DIVISION**  
**2040 SOUTH PACHECO**  
**SANTA FE, NM 87505**

B I L L T O **OIL CONSERVATION DIVISION**  
**2040 SOUTH PACHECO**  
**SANTA FE, NM 87505**

AGENCY CONTACT **Mary Anaya** PHONE NUMBER **(505) 827-7150**

☐ **PURCHASE REQUISITION**  
 (Bids must be requested for items over \$500.00)

RECOMMENDED SOURCE & SPECIAL REMARKS:

☐ ESTABLISH ☐ RENEWAL NO. \_\_\_\_\_

LN	FUND	AGCY	ORG	OBJECT	AMOUNT	FOR AGENCY USE		
01	311	521	2500	0522	6200.00	0522	2501	6200.00
TOTAL					6200.00			

☒ **CONTRACT, PRICE AGREEMENT, PURCHASE ORDER  
OTHER THAN PROFESSIONAL SERVICE CONTRACTS:**  
 (Approved vendors must be used for items under contract)

C/PA/PO# **SPD 00-805-09-17658** EXPIRES: **08/31/2001**

☐ **DIRECT PURCHASE ORDER**  
 (only valid for purchases \$500.00 and under)

☐ **EXEMPT FROM THE NM PROCUREMENT CODE**  
 Pursuant to Section \_\_\_\_\_ NMSA, 1978

☐ **EXCLUDED FROM PROCUREMENT THROUGH STATE PURCHASING**  
 Pursuant to Section \_\_\_\_\_ NMSA, 1978

☐ **FOR ENCUMBERING PURPOSES ONLY**  
 Reason: \_\_\_\_\_

MAXIMUM OF SIX ACCOUNTING LINES PER PURCHASE ORDER

AGENCY APPROVAL - I certify that the proposed purchase represented by this document is authorized by and is made in accordance with all State (and if applicable Federal) legislation, rules and regulations. I further certify that adequate unencumbered cash and budget expenditure authority exists for this proposed purchase and all other outstanding purchase commitments and accounts payable.

AGENCY AUTHORIZED SIGNATURE *Joseph F. Moulton Jr.* TITLE \_\_\_\_\_ DATE **10/05/2000**

APPROVAL 1 \_\_\_\_\_ DATE \_\_\_\_\_ APPROVAL 2 \_\_\_\_\_ DATE \_\_\_\_\_

LN	QUANTITY	UNIT	COMMODITY CODE	ACCT LN	ARTICLE AND DESCRIPTION	UNIT COST	TOTAL COST
01					Encumber funds for environmental investigation of Goodwin Treating Plant in Lea County	6200.0000	6200.00

**RECEIVED**  
**OCT 05 2000**  
**Financial Control Division**

TOTAL	6200.00
-------	---------



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Jennifer A. Salisbury**

Cabinet Secretary

October 13, 2000

**Lori Wrotenbery**

Director

**Oil Conservation Division**

George A. Friend  
Amec Earth and Environmental  
8519 Jefferson, N.E.  
Albuquerque, NM 87113

**RE: Phase 1 Investigation  
Goodwin Treating Plant Facility  
SW/4 NW/4 S 31, T 18 S, R 37 E, NMPM, Lea County NM**

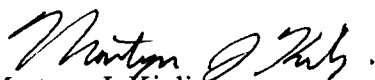
Dear Mr. Friend:

The New Mexico Oil Conservation Division reviewed your proposal dated October 3, 2000 for a phase 1 investigation of the Goodwin Treating Plant. The phase 1 investigation services outlined are approved. As discussed in our phone conversations the sample analysis for two (2) potential asbestos samples will be run on the OCD State contract with Trace Analysis, Inc. (Trace). Please find enclosed the Bus schedule for several towns. The OCD has found this the most convenient way to ship samples to Trace.

Enclosed you will find a copy of a purchase document showing that \$6200.00 has been encumbered for the phase 1 investigation.

If you have any questions please contact me at 505-827-7153

Sincerely

  
Martyne J. Kieling  
Environmental Geologist

Enclosure

Xc: Hobbs District office  
Lyn Hebert  
Mike Matush, SLO



State of New Mexico  
Energy, Minerals and Natural Resources Department  
01 Budget Fiscal Year  
Purchase/Commitment Review Form

10/04/2000  
13:55:48

Vendor AGRA EARTH & ENVIRONMENTAL INC.  
Name 8519 JEFFERSON NE  
and ALBUQUERQUE, NM 87113  
Address  
Vendor TIN [REDACTED] Vendor Type CRS Cert Sent  
Contact Mary Anaya 505/827-7150  
Desc

Doc Type C Control Number 93112

Input by:  
MANAYA  
10/04/2000

Reviewed

LU

Ship to  
OIL CONSERVATION DIVISION  
2040 SOUTH PACHECO

SANTA FE, NM 87505

Invoice to  
OIL CONSERVATION DIVISION  
2040 SOUTH PACHECO

SANTA FE, NM 87505

Contract: 00-805-09-17658

Expires: 08/31/2001

DFA

Line  
Number

Object

LGFS-Org

Amount

Enc Nbr

01

0522

2501

6,200.00

Total

6,200.00

<u>Item</u>	<u>Qty</u>	<u>Unit</u>	<u>Article and Description</u>	<u>Unit Price</u>	<u>Amount</u>
1			Encumber funds for environmental investigation of Goodwin Treating Plant in Lea County	6,200.0000	6,200.00
			Total		6,200.00

STATE OF NEW MEXICO  
ENERGY MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

✓ Telephone \_\_\_\_\_ Personal \_\_\_\_\_ Time 11:30 Date 10-13-00

Originating Party

Martye Kicling  
OCO

Other Parties

Mike Mantush  
SLD

Subject

Goodwin treating Plant

SW/4 NW/4 S31, T18S, R37E, NMPM  
Lea Co

Discussion

Phase 1 work to be started

on 10-23-00 through 10-25-00

I will send you a copy of the Scope of Work

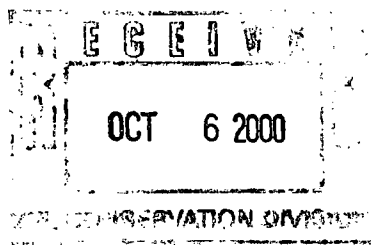
The contact person with AMEC is George Friend

Conclusions or Agreements I will call Leon or Myra

Distribution Goodwin File

Signed

Martye Kicling

The AMEC logo, featuring the word 'amec' in a bold, lowercase, sans-serif font, with a stylized circular graphic element to its right.

5 June 2000

A message from Peter Mason, Chief Executive, AMEC plc

With the recent completion of AMEC's merger with AGRA, it is my pleasure to extend my personal greetings and best wishes to our many new employees, clients and partners throughout North and South America.

Today I am pleased to be launching a new AMEC, a company that will focus the talents of our people onto the delivery of world-class professional services to all of our clients. I am also pleased to introduce you to AMEC's new corporate identity, which we will be adopting for our core operations over the course of the coming year.

Our merger with AGRA has introduced a wealth of talent and client relationships to AMEC, our French associate, SPIE S.A., and to our Morse Diesel companies in the United States. The enthusiasm of AGRA's people has further strengthened my determination to lead this group onto a different plane of performance.

We will be building on our success in developing long-term client relationships founded on mutual trust and respect. We will be harnessing and developing the portfolio of services and technologies available to the enlarged group. We will remain agile, innovative and open to listening and learning from our clients, shareholders, and above all, our own people.

We now move forward as one company, with one vision: to be the leading provider of engineering and service solutions for the world's manufacturing, infrastructure and process industries.

I look forward to working closely with Peter Janson, President and CEO of AMEC Inc., our operations in the Americas, and to continuing to work in partnership with you into the future.

A handwritten signature in cursive script that reads 'Peter Mason', underlined.

AMEC plc

One Golden Lane  
London England  
EC1Y 0RR  
Tel +011 44 207 574 3999  
Fax +011 44 207 574 3601  
[www.amec.com](http://www.amec.com)

5 September, 2000

**Re: A new Name for AGRA Earth & Environmental**

We are pleased to inform you that AGRA Earth & Environmental has adopted a new name and corporate identity. We will now operate as AMEC, reflecting the company's recent merger with AMEC plc, ranked by *Engineering News Record* magazine as the world's largest international design firm.

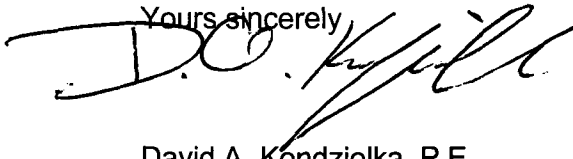
AMEC is committed to drawing on location-specific knowledge and personalized service to deliver complete solutions. We can now offer you an increased depth and breadth of technical expertise and a stronger geographic presence.

AMEC plc provides services and engineering solutions to the world's infrastructure, manufacturing and process industries. AMEC employs 50,000 people in 40 countries with annual revenue exceeding \$8 billion. AMEC plc is traded on the London Stock Exchange under the symbol AMEC. AMEC's North American headquarters is in Toronto.

These are exciting days for our company, and our continuing strategy for growth and expansion will only improve our ability to deliver local service, backed up by global reach.

Please do not hesitate to call us if you have any questions about this announcement. We look forward to continuing to serve you in the future.

Yours sincerely

A handwritten signature in black ink, appearing to read "D.A. Kondziolka", written over the "Yours sincerely" text.

David A. Kondziolka, P.E.  
AMEC unit manager





# one company, one vision

AMEC plc

Uniting to deliver  
total life of asset support

## One company

Our philosophy is to provide total life of asset support for our clients utilizing innovative and experienced multi-disciplinary project teams.

Following our recent merger with North American-based AGRA Inc., we are pleased to introduce AMEC's new global corporate identity.

Our resources, including our investment in France-based SPIE S.A.\*, comprise a workforce of 50,000 people in more than 40 countries. We are committed to delivering business solutions and unlocking value for our clients through innovation and operational excellence.

\* 41.6 per cent owned, with an option to acquire the balance in 2002.

## with one vision

To be the leading provider of engineering and service solutions to the world's manufacturing, infrastructure and process industries.

To achieve this, we are investing in new technology. Our aim is to be the industry leader in the use of web-enabled capability and e-commerce.



# speed simplicity transparency

## A distinctive identity

A distinctive feature of our new identity is the AMEC Touchstone – a standard or criterion by which something is judged or recognized.

The touchstone expresses openness and clarity of purpose. It embodies our service ethos and provision of solutions. We work with our clients.



AMEC is a cohesive, global force, which meets the demands of customers and maximizes the return to its shareholders.

We are confident that our new identity will be associated with the delivery of value in a dynamic business world.

Come with us, and find out more at [www.amec.com](http://www.amec.com).

A small version of the AMEC logo, with the word 'amec' in purple and the stylized globe icon, positioned on a document that is part of a stack of papers.

A small version of the AMEC logo, with the word 'amec' in purple and the stylized globe icon, positioned on a document that is part of a stack of papers.

A small version of the AMEC logo, with the word 'amec' in purple and the stylized globe icon, positioned on a document that is part of a stack of papers.

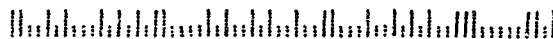
A small version of the AMEC logo, with the word 'amec' in purple and the stylized globe icon, positioned on a document that is part of a stack of papers.

AMEC  
8519 JEFFERSON NE  
ALBUQUERQUE NM 87113



New Mexico Oil Conservation  
Attn: Martyne Kieling  
2040 S. Pacheco  
Santa Fe, NM 87505

87505+3472



The logo for AMEC, featuring the word "amec" in a bold, lowercase, sans-serif font. To the right of the text is a stylized graphic element consisting of a circle with a horizontal line through it, resembling a checkmark or a stylized 'U'.**Fax**To *Martayne Kieling*

Company

Fax *(505) 827-8177*

Charge no

File no

Fax operator

Subject

From *George Friend*Direct Tel *821-1801*Fax *821-7371 (505)*Pages *4* (inc. this page)Date *10/3/00*

cc

AMEC Earth & Environmental, Inc.  
8519 Jefferson NE  
Albuquerque, NM 87113  
Tel (505) 821-1801  
Fax (505) 821-7371  
[www.amec.com](http://www.amec.com)

This fax message is confidential. If you are not the intended recipient please notify us by telephone as soon as possible and either return the message by post or destroy it. If you are not the intended recipient, any use by you of its contents is prohibited.





3 October 2000  
AMEC Proposal No PF00-0926

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

**Attention: Ms. Martyne Kieling**

**RE: SCOPE OF WORK  
PHASE I INVESTIGATION  
FORMER PETRO-THERMO CORPORATION  
GOODWIN TREATING PLANT FACILITY  
LEA COUNTY, NEW MEXICO**

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide you with this cost estimate to provide Phase I Investigation Services at the Goodwin Treating Plant located in Lea County, New Mexico. Scope of services were detailed in referenced Request for Proposal (RFP)

Acceptance of this proposal can be indicated by executing one copy in the space provided and returned to this office. This scope of work will follow the terms and conditions of AMEC's Site Maintenance and Monitoring Contract (PA No. 00-805-09-17658) awarded by the State of New Mexico, General Services Department. Where a specific item is warranted in the OCD scope of work and is not detailed in the GSA Contract, AMEC will use its most current Unit Fee Schedule.

All work performed at the site will conform with AMEC's Safety Policies and Procedures Manual. A site specific Health and Safety Plan (HASP) will be prepared prior to site mobilization. A record of safety topics covered and attendee list will be kept by AMEC and provided upon request. Safety meeting (tailgate meeting) will be held prior to commencing daily activities.

The Phase I Investigation scope of work will survey the referenced facility for the presence of natural occurring radioactive material (NORM) and collect samples from suspect asbestos materials. In addition, the content of the known on-site tanks will be evaluated to establish recycling or disposal options. Future phases of work may include the actual removal, recycle, or disposal of fluids/solids, equipment, and the characterization of on-site contaminants, if present.

Based on the number of uncertainties inherent in a project such as this, AMEC is unable to extend a fixed cost proposal. Instead, we are proposing a time and materials proposal.

It is anticipated that the project will begin on 10 October 2000 and continue for a period of 3 working days.



Oil Conservation Division  
Phase I Investigation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
3 October 2000  
AMEC Proposal No. PF00-0926

Phase I Services:

Mobilization/Demobilization

8 hours Senior Scientist @ \$75/hour	\$ 600.00
8 hours Senior Scientist @ \$75/hour	\$ 600.00
1,200 miles @ \$ 25/mile	\$ 300.00
6 man days per diem @ \$60/day	\$ 360.00
Subtotal	\$1,860.00

On-Site Activities

20 hours Senior Scientist @ \$75/hour	\$1,500.00
20 hours Senior Scientist @ \$75/hour	\$1,500.00
1 week Survey Equipment @ \$125/week	\$ 125.00
Subtotal	\$3,125.00

Reporting/HASP Preparation/Project Management

8 hours Senior Scientist @ \$75/hour	\$ 600.00
4 hours Clerical @ \$29/hour	\$ 116.00
4 hours Draftsman @ \$40/hour	\$ 160.00
Subtotal	\$ 876.00

Estimated Phase I Total \$5,861.00


Should you have any questions, please feel free to contact our office.

Respectfully submitted,

AMEC Earth & Environmental, Inc.

  
George A. Friend  
Project Manager

Reviewed by:

  
Fred Schelby, P.E.  
Manager of Engineering

Copies: Addressee (2)

AMEC Earth & Environmental, Inc.  
8519 Jefferson, N.E.  
Albuquerque, New Mexico 87113  
Telephone: 505/821-1801  
Fax: 505/821-7371  
www.amec.com

The logo for AMEC, featuring the word "amec" in a bold, lowercase, sans-serif font. To the right of the text is a circular emblem containing a stylized globe or sphere with some internal details.

Oil Conservation Division  
Phase I Investigation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
3 October 2000  
AMEC Proposal No. PF00-0926

Terms of payment are net 30 days. Payments not received within 30 days will be charged interest at the rate of 1.5 percent per month, an effective annual rate of 18 percent. If this matter is placed in the hands of an attorney for collection, the signatory agrees to pay, in addition to fees and interest due hereon, reasonable attorney's fees.

Accepted for Oil Conservation Division  
(Organization responsible for payment)

By \_\_\_\_\_  
(Name and title)

Signature \_\_\_\_\_ Date \_\_\_\_\_

**amec**

**Fax**

To Martyne Kieling  
Company Oil Conservation Division  
Fax 505-827-8177

From George Fr.  
Direct Tel 821-1801  
Fax 821-7371

From George Friend

Direct Tel 821-1801

Fax 821-7371

Pages **41** (inc. this page)

Date 9/21/00

CC

Charge no

File no

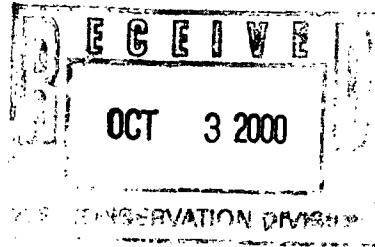
Fax operator *Nancy Quanz*

### Subject

Price Agreement

28 September, 2000  
AMEC Proposal No. PF00-0926

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505



**Attention: Ms. Martyne Kieling**

**RE: SCOPE OF WORK  
PHASE I REMEDIATION  
FORMER PETRO-THERMO CORPORATION  
GOODWIN TREATING PLANT FACILITY  
LEA COUNTY, NEW MEXICO**

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide you with this cost estimate to provide Phase I Remediation Services at the Goodwin Treating Plant located in Lea County, New Mexico. Scope of services were detailed in referenced Request for Proposal (RFP).

Acceptance of this proposal can be indicated by executing one copy in the space provided and returned to this office. This scope of work will follow the terms and conditions of AMEC's Site Maintenance and Monitoring Contract (PA No. 00-805-09-17658) awarded by the State of New Mexico, General Services Department. Where a specific item is warranted in the OCD scope of work and is not detailed in the GSA Contract, AMEC will use its most current Unit Fee Schedule.

All work performed at the site will conform with AMEC's Safety Policies and Procedures Manual. A site specific Health and Safety Plan (HASP) will be prepared prior to site mobilization. A record of safety topics covered and attendee list will be kept by AMEC and provided upon request. Safety meeting (tailgate meeting) will be held prior to commencing daily activities.

The Phase I remediation scope of work will include the survey of the referenced facility for the presence of natural occurring radioactive material (NORM) and collect samples from suspect asbestos materials. In addition, the content of the known on-site tanks will be evaluated to establish recycling or disposal options. Future phases of work may include the actual removal, recycle, or disposal of fluids/solids, equipment, and the characterization of on-site contaminants, if present.

Based on the number of uncertainties inherited in a project such as this, AMEC is unable to extend a fixed cost proposal. Instead, we are proposing a time and materials proposal.

Oil Conservation Division  
Phase I Remediation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
28 September, 2000  
AMEC Proposal No. PF00-0926



Phase I Services:

**Mobilization/Demobilization**

8 hours Senior Scientist @ \$75/hour	\$ 600.00
8 hours Norm Inspector @ \$75/hour	600.00
1,200 miles @ \$.25/mile	300.00
6 man days per diem @ \$60/day	<u>360.00</u>
<b>Subtotal</b>	<b>\$1,860.00</b>

**On-Site Activities**

20 hours Senior Scientist @ \$75/hour	\$1,500.00
20 hours Norm Inspector @ \$75/hour	1,500.00
1 week Norm Survey Equipment @ \$125/week	125.00
2 samples asbestos @ \$20/each	<u>40.00</u>
<b>Subtotal</b>	<b>\$3,165.00</b>

**Reporting/HASP Preparation/Project Management**

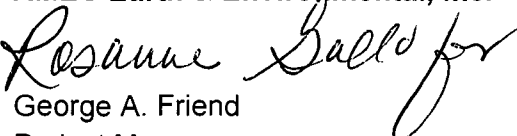
8 hours Senior Scientist @ \$75/hour	\$ 600.00
4 hours Clerical @ \$29/hour	116.00
4 hours Draftsman @ \$40/hour	<u>160.00</u>
<b>Subtotal</b>	<b>\$ 876.00</b>

<b>Estimated Phase I Total (excluding NMGR)</b>	<b>\$5,901.00</b>
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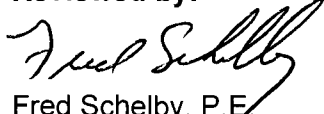
Should you have any questions, please feel free to contact our office.

Respectfully submitted,

**AMEC Earth & Environmental, Inc.**

  
George A. Friend  
Project Manager

**Reviewed by:**

  
Fred Schelby, P.E.  
Manager of Engineering

FTS:nq

Copies: Addressee (2)

**AMEC Earth & Environmental, Inc.**

8519 Jefferson, N.E.  
Albuquerque, New Mexico 87113  
Telephone: (505) 821-1801  
FAX: (505) 821-7371  
www.amec.com

Oil Conservation Division  
Phase I Remediation  
Former Petro-Thermo Corporation  
Goodwin Treating Plant Facility  
Lea County, New Mexico  
28 September, 2000  
AMEC Proposal No. PF00-0926



Accepted for Oil Conservation Division  
(Organization responsible for payment)

By \_\_\_\_\_  
(Name and title)

Signature \_\_\_\_\_ Date \_\_\_\_\_

# NMPRC Corporation Information Inquiry

---

New Search

## Public Regulation Commission

10/4/2000

## AMEC EARTH & ENVIRONMENTAL, INC.

*(NEVADA Corporation)*

SCC Number: **1672195**

Tax & Revenue Number:

Qualification Date: **JUNE 06, 1994, in NEW MEXICO**

Corporation Type: **FOREIGN PROFIT**

Corporation Status: **ACTIVE**

Good Standing: **In GOOD STANDING through 10/15/2001**

Purpose: **ENGINEERING AND CONSULTING SERVICES**

---

### CORPORATION DATES

Taxable Year End Date: 07/30/99

Filing Date: 07/26/00

Expiration Date:

### SUPPLEMENTAL POST MARK DATES

Supplemental: 10/07/94

Name Change:

Purpose Change:

---

### MAILING ADDRESS

520 PIKE STREET SEATTLE , WASHINGTON 98101-4014

### PRINCIPAL ADDRESS

217 WEST MANHATTAN AVE. SANTA FE NEW MEXICO 87501



**PRINCIPAL ADDRESS (Outside New Mexico)**

335 8TH AVENUE SW, STE 1900 CALGARY ALBERTA T2P 1C9

---

**REGISTERED AGENT**

*C T CORPORATION SYSTEM*

119 EAST MARCY SANTA FE NEW MEXICO 87501

Designation date: 07/26/00

Agent Post Mark Date:

Resignation date:

---

**COOP LICENSE INFORMATION**

Number:

Type:

Expiration Year:

---

**OFFICERS**

President *SLUSARCHUK, WILLIAM A.*

Vice President *BEECHINOR, JIM*

Secretary *OLYAN, ARNOLD H.*

Treasurer *OLYAN, ARNOLD H.*

---

**DIRECTORS**

Date Election of Directors: 10/22/00

<i>HANSEN, LAWRENCE</i>	335-8TH AVENUE S.W. STE 1900 CALGARY , AB T2P 1C9
<i>JANSON, PETER S</i>	335- 8TH AVENUE S.W. STE. 1900 CALGARY , AB T2P 1C9
<i>MYERS, STEVEN</i>	335-8TH AVENUE S.W. STE 1900 CALGARY , AB T2P 1C9
<i>SLUSARCHUK, WILLIAM A</i>	335-8TH AVENUE S.W. STE 1900 CALGARY , AB T2P 1C9

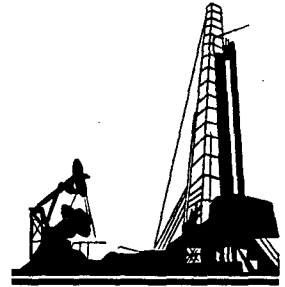
EXPENSE BUDGET INQUIRY

BUDGET FY= 01 FUND= 311 AGENCY= 521  
 ORGANIZATION= 2501 ACTIVITY= FUNCTION=  
 OBJECT= 0522  
 DESCRIPTION: PROF. SERVICES CONTRACT(RPT.)  
 SUB-OBJECT OPTION: BUDGETED POSITIONS: 0.00 REV SOURCE REF 1:  
 STATUS IND: A SPENDING CONTROL IND: REV SOURCE REF 2:  
 APPROPRIATION UNIT: 05E REV SOURCE REF 3:  
 SERIES NUM:

	CURRENT AMOUNTS	BEGIN DAY AMOUNTS
APPROVED BUDGET:	500,000.00	
CURRENT MODIFIED BUDGET:	500,000.00	500,000.00
PRE-ENCUMBERED:	101,600.00	101,600.00
ENCUMBERED:	0.00	0.00
EXPENDED:	30,491.93	30,491.93
UNOBLIGATED:	469,508.07	
UNCOMMITTED:	367,908.07	

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505  
(505) 827-7133  
Fax: (505) 827-8177



(PLEASE DELIVER THIS FAX)

To: George Friend Fax (505) 827-7371

From: Martyn Kieling 827-7153

Date: 9-18-00

Number of Pages (Includes Cover Sheet) 1 of 7

Message: George, Here is a <sup>Partial</sup> Draft of what

we have been working on. Please call me if

you have any questions.

Martyn Kieling

If you have any trouble receiving this, please call:  
(505) 827-7133

Draft

# **REQUEST FOR PROPOSALS**

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

NEW MEXICO OIL CONSERVATION DIVISION

AUGUST 28, 2000

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## I. INTRODUCTION

### A. PURPOSE OF THIS REQUEST FOR PROPOSALS

The State of New Mexico's Oil Conservation Division of the Energy, Minerals and Natural Resources Department (EMNRD-OCD) is requesting proposals for cleanup and environmental remediation of a site known as the Goodwin Treating Plant.

### B. SUMMARY SCOPE OF WORK

The contractor shall perform the work necessary to properly remediate/restore, in accordance with the rules of the EMNRD-OCD, the Goodwin Treating Plant located in the SW/4 NW/4 of Section 31, Township 18 South, Range 37 East, Lea County, New Mexico.

### C. SCOPE OF PROCUREMENT

The scope of the procurement includes, but is not limited to:

1. the demolition of all buildings and foundations;
2. the removal of all equipment, material, trash and junk from the location and disposal in a manner approved by the EMNRD-OCD; and
3. the removal of all oilfield products or wastes at the site and disposal at an EMNRD-OCD-approved facility.

### D. PROCUREMENT MANAGER

EMNRD-OCD has designated a Procurement Manager who is responsible for the conduct of this procurement whose name, address and telephone number are listed below.

Ed Martin  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505  
Phone: 505-827-7151  
Fax: 505-827-8177

All deliveries via express carrier should be addressed as above. Any inquiries or requests regarding this procurement should be submitted to the Procurement Manager in writing. Offerors may contact ONLY the Procurement Manager regarding the procurement. Other

state employees do not have the authority to respond on behalf of the Agency.

E. BACKGROUND INFORMATION

The Goodwin Treating Plant was closed, by order of the EMNRD-OCD, on March 26, 1996. The plant was inactive for a period in excess of six consecutive months prior to that date. This cleanup and environmental remediation is necessary to prevent waste, protect correlative rights, and protect fresh waters and the environment.

II. CONDITIONS GOVERNING THE PROCUREMENT

1. Prime Contractor Responsibility

Any contract that results from this RFP shall specify that the prime contractor is solely responsible for fulfillment of the contract with the EMNRD-OCD. The EMNRD-OCD will make contract payments only to the prime contractor.

2. Subcontractors

Use of subcontractors must be clearly explained in the proposal, and subcontractors must be identified by name. The prime contractor shall be wholly responsible for the entire performance whether or not subcontractors are used.

3. Offerors' Rights to Withdraw Proposal

Offerors will be allowed to withdraw their proposals at any time prior to the deadline for receipt of proposals. The offeror must submit a written withdrawal request signed by the offeror's duly authorized representative addressed to the Procurement Manager.

4. Proposal Offer Firm

Responses to this RFP, including proposal prices, will be considered firm for ninety (90) days after the due date for receipt of proposals or sixty (60) days after receipt of a best and final offer if one is submitted.

## 5. Disclosure of Proposal Contents

The proposals will be kept confidential until a contract is awarded. At that time, all proposals and documents pertaining to the proposals will be open to the public, except for the material that is proprietary or confidential. The Procurement Manager will not disclose or make public any pages of a proposal on which the offeror has stamped or imprinted "proprietary" or "confidential" subject to the following requirements.

Proprietary or confidential data shall be readily separable from the proposal to facilitate eventual public inspection of the nonconfidential portion of the proposal. Confidential data is normally restricted to confidential financial information concerning the offeror's organization and data that qualifies as a trade secret in accordance with the Uniform Trade Secrets Act, Sections 57-3A-1 to 57-3A-7 NMSA 1978. The price of products offered or the cost of services proposed shall not be designated as proprietary or confidential information.

If a request is received for disclosure of data for which an offeror has made a written request for confidentiality, the State Purchasing Agent shall examine the offeror's request and make a written determination that specifies which portions of the proposal should be disclosed. Unless the offeror takes legal action to prevent the disclosure, the proposal will be so disclosed. The proposal shall be open to public inspection subject to any continuing prohibition on the disclosure of confidential data.

## 6. No Obligation

This procurement in no manner obligates the State of New Mexico or any of its agencies to the eventual rental, lease, purchase, etc., of any equipment or services offered until a valid written contract is awarded and approved by required authorities.

## 7. Termination

This RFP may be canceled at any time and any and all proposals may be rejected in



whole or in part when the EMNRD-OCD determines such action to be in the best interest of the State of New Mexico.

8. Sufficient Appropriation

Any contract awarded as a result of this RFP process may be terminated if sufficient appropriations or authorizations do not exist. Sending written notice to the contractor will effect such termination. The EMNRD-OCD's decision as to whether sufficient appropriations and authorizations are available will be accepted by the contractor as final and binding.

9. Legal Review

The EMNRD-OCD requires that all offerors agree to be bound by the requirements contained in this RFP. Any offeror concerns must be promptly brought to the attention of the Procurement Manager.

10. Governing Law

The laws of the State of New Mexico shall govern this procurement and any agreement with offerors that may result.

11. Basis for Proposal

Only information supplied by the EMNRD-OCD in writing through the Procurement Manager or in this RFP should be used as the basis for the preparation of offeror proposals.

12. Contract Terms and Conditions

The contract between the EMNRD-OCD and a contractor will follow a format specified by the EMNRD-OCD. However, the EMNRD-OCD reserves the right to negotiate with a successful offeror provisions in addition to those contained in this RFP. The contents of this RFP, as revised and/or supplemented, and the successful offeror's proposal will be incorporated into and become part of the contract.

Should an offeror object to any of the EMNRD-OCD's terms and conditions, that offeror must propose specific alternative language. The EMNRD-OCD may or may not accept the alternative language. General references to the offeror's terms and conditions or attempts at complete substitutions are not acceptable to the EMNRD-OCD and will result in disqualification of the offeror's proposal.

Offerors must provide a brief discussion of the purpose and impact, if any, of each proposed change followed by the specific proposed alternate wording.

13. Offeror's Terms and Conditions

Offerors must submit with the proposal a complete set of any additional terms and conditions which they expect to have included in a contract negotiated with the EMNRD-OCD.

14. Contract Deviations

Any additional terms and conditions, which may be the subject of negotiation, will be discussed only between the EMNRD-OCD and the selected offeror and shall not be deemed an opportunity to amend the offeror's proposal.

15. Offeror Qualifications

An evaluation committee, designated by the EMNRD-OCD, may make such investigations as necessary to determine the ability of the offeror to adhere to the requirements specified within this RFP. The Evaluation Committee will reject the proposal of any offeror who is not a responsible offeror or fails to submit a responsive offer as defined in Sections 13-1-83 and 13-1-85 NMSA 1978.

16. Right to Waive Minor Irregularities

The Evaluation Committee reserves the right to waive minor irregularities. The Evaluation Committee also reserves the right to waive mandatory requirements provided that all of the otherwise responsive proposals failed to meet the same mandatory requirements and doing so does not otherwise materially affect the

procurement. This right is at the sole discretion of the Evaluation Committee.

17. Change in Contractor Representatives

The EMNRD-OCD reserves the right to request a change in contractor representatives if the assigned representatives are not, in the opinion of the EMNRD-OCD, meeting its needs adequately.

III. RESPONSE FORMAT AND ORGANIZATION

A. Proposal Organization

The proposal must be organized and indexed in the following format and must contain, as a minimum, all listed items in the sequence indicated.

- 1) Letter of Transmittal
- 2) Proposal Summary (optional)
- 3) Response to Technical Specifications
- 4) Response to Business Specifications
- 5) Offer Amount Including Technical Specifications Line Item and Total Cost
- 6) Offeror's Additional Terms and Conditions
- 7) Other Supporting Material (optional)

Any proposal that does not adhere to these requirements may be deemed non-responsive and rejected on that basis.

The proposal summary may be included by offerors to provide the Evaluation Committee with an overview of the technical and business features of the proposal; however, this material will not be used in the evaluation process unless specifically referenced from other portions of the offeror's proposal.

Offerors may attach other materials that they think may improve the quality of their responses. However, these materials should be included as items in a separate appendix.

B. Letter of Transmittal

Each proposal must be accompanied by a letter of transmittal. The letter of transmittal MUST:

- 1) identify the submitting organization;
- 2) identify the name and title of the person authorized by the organization to contractually obligate the organization;
- 3) identify the name, title and telephone number of the person authorized to negotiate the contract on behalf of the organization;
- 4) identify the names, titles and telephone numbers of persons to be contacted for clarification;
- 5) explicitly indicate acceptance of the Conditions Governing the Procurement stated in Section II.
- 6) be signed by the person authorized to contractually obligate the organization; and
- 7) acknowledge receipt of any and all amendments to this RFP.

#### IV FACILITY SITE INFORMATION

##### A. GENERAL SITE INFORMATION

The former Petro-Thermo Corporation, Goodwin Treating Plant facility is located in SW/4 NW/4 Section 31, Township 18 South, Range 37 East, NMPM Lea County, New Mexico. The State of New Mexico owns the surface. The facility consist of 23 tanks each with a buried drum or box sump, two large insulated treaters, 6 empty drums, buried pipes, an emergency overflow pit, a pile of tank-bottoms and associated equipment and trash including pipe, tires, catwalks, pump and motor. Utilities to be considered include power pole with transformer, junction box and a possible buried gas line. Depth to ground water has been estimated at 45 to 60 feet. The local ground water gradient is estimated to be toward the southeast.

B. EQUIPMENT ON SITE

<u>TANK #</u>	<u>VOLUME</u>	<u>TYPE</u>	<u>AMOUNT OF MATERIAL</u>
1	500 bbl	redwood	empty
101	500 bbl	steel bolted	1 foot
102	500 bbl	steel bolted	2 feet
103	500 bbl	steel bolted	empty
104	500 bbl	steel bolted	1.5 feet
105	500 bbl	steel bolted	1 foot
106	500 bbl	steel bolted	4 feet
107	500 bbl	steel bolted	1 foot
108	500 bbl	steel bolted	250 bbl
109	500 bbl	steel bolted	250 bbl
110	500 bbl	steel bolted	1 foot
111	500 bbl	redwood	500 bbl
112	500 bbl	redwood	500 bbl
113	500 bbl	steel bolted gun barrel	8 feet
114	500 bbl	redwood	500 bbl
115	200 bbl	redwood	200 bbl
116	200 bbl	redwood	200 bbl
117	200 bbl	redwood	200 bbl
118	200 bbl	redwood	100 bbl
121	500 bbl	redwood	330 bbl
122		poly	empty (acid)
123	10,000 gal	welded horizontal	empty
#?	1000 bbl	steel bolted	empty

<u>ITEM</u>	<u>APPROXIMATE DIMENSIONS</u>
Facility	350 feet x 350 feet
Emergency pit	60 feet x 60 feet
Tank-bottom pile	30 feet x 26 feet x 2 feet

C. ADDITIONAL SITE INFORMATION

Photos and a facility map are available upon request.

V. SPECIFICATIONS

A. TECHNICAL SPECIFICATIONS

The contractor shall:

1. Survey facility, tanks, treaters, and equipment for NORM.
2. Remove and recycle or dispose of fluids and solids in tanks.
3. Remove and recycle or dispose of all tank-bottom solids to an EMNRD-OCD-approved waste management facility.
4. Remove and recycle or dispose of all tanks, vessels, treaters, underground pipes, hardware, equipment and debris including pipes, drums, tires, catwalks, pumps and motors.
5. Investigate the extent of contamination beneath each tank and sump area.
6. Investigate extent of total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, xylene (BTEX), ~~benzene~~, and chloride within the emergency overflow pit. Samples will be taken at 3-5 feet below ground surface (bgs) and then at 10 foot intervals. Field photo ionization detector (PID) measurements will be used as a screening tool. A sample from each interval will be analyzed for TPH and chloride. A minimum of one sample from the highest PID sample location and one bottom hole sample will be sent for laboratory analysis to confirm the concentration and extent of BTEX, ~~and benzene~~. Upon OCD-approval a chloride field test may be used to delineate the presence of chloride. If a field chloride test is approved for use, a minimum of one but no more than two samples will be sent for laboratory analysis to confirm the concentration and extent of chloride beneath the emergency pit.
7. Complete the borehole as a 2-inch ground water monitor well. The well completion will be as follows:

- a. At least 15 feet of well screen shall be placed across the water table interface with 5 feet of the well screen above the water table and 10 feet of the well screen below the water table.
  - b. An appropriately sized gravel pack shall be set in the annulus around the well screen from the bottom of the hole to 2-3 feet above the top of the well screen.
  - c. A 2-3 foot bentonite plug shall be placed above the gravel pack.
  - d. The remainder of the hole shall be grouted to the surface with cement containing 3-5% bentonite.
  - e. A concrete pad and locking well cover shall be placed around the well at the surface.
  - f. The well shall be developed after construction using EPA approved procedures.
8. Sample the ground water no less than 24 hours after the well is developed. The ground water from the monitor well must be purged, sampled and analyzed for concentrations of benzene, toluene, ethylbenzene, xylene, polycyclic aromatic hydrocarbons (PAH), total dissolved solids (TDS), major cations/anions and New Mexico Water Quality Control Commission (WQCC) metals using EPA approved methods and quality assurance/quality control (QA/QC) procedures.
9. Remove surface contaminated soils that are in excess of 100 ppm TPH, 50 ppm BTEX, and 10 ppm benzene. Surface soil removal may not exceed 5 feet of excavated depth.
- Note: If upon investigation ground water is found to be in excess of 50 feet bgs removal of surface contaminated soils will be limited to those in excess of 1000 ppm TPH, 50 ppm BTEX, and 10 ppm benzene. Surface soil removal may not exceed 5 feet of excavated depth.
10. Backfill excavations with clean soil to provide positive runoff. Soil will be back-

hauled and stockpiled on location during the soil contamination removal phase of the project.

Note: If further investigation and excavation is required the EMNRD-OCD may determine that back filling will not be required under this contract.

11. Prepare and deliver to EMNRD-OCD a final report that documents the facility cleanup, investigation and restoration activities.

B. BUSINESS SPECIFICATIONS

1. Offerors will examine all contract documents, noting particularly all stipulations that in any way affect contract work. Failure of an offeror to acquaint itself fully with the amount and nature of the work required to fulfill all terms of the contract documents will not be considered as a basis for extra compensation after a contract has been awarded.
2. If an offeror finds discrepancies, omissions or ambiguities in the contract documents, it will at once notify the EMNRD-OCD, which will send written corrections or explanations to all offerors. EMNRD-OCD will not be responsible for any oral instructions.
3. If an offeror's proposal substantially adds to, subtracts from or otherwise changes the provisions of this request, the proposal will be void.
4. Proposals must indicate acceptance of terms required by this RFP in a transmittal letter signed by the individual with authority to bind the entity to these requirements.

C. BUDGET

A line item budget, as shown below, will be included in each proposal (refer to Section V):

<u>TECHNICAL SPECIFICATION</u>	<u>TOTAL COST</u>
1. Facility Survey	\$
2. Fluids and Solids Removal	\$



3. Tank-bottoms Removal	\$
4. Tanks and Equipment Removal	\$
5. Surface Contamination Investigation	\$
6. Below-surface Contamination Investigation	\$
7. Well Completion	\$
8. Groundwater Sampling and Analysis	\$
9. Surface Contaminated Soil Removal	\$
10. Backfilling	\$
11. Final Report	\$ _____
Total	\$ _____
NM Gross Receipts Tax	\$ _____
<b>Total Cost</b>	<b>\$</b>

## VI. EVALUATION PROCESS

### A. EVALUATION POINT SUMMARY

The following is a summary of evaluation factors and the point value assigned to each. These weighted factors will be used in the evaluation of the individual offeror proposals. Points will be awarded on the basis of the following evaluation factors:

<u>Specification</u>	<u>Points</u>
1. Project Approach .....	75
2. Project Plan.....	150
3. Experience	
a. Proposed project staff members relevant experience....	150
b. Offeror's organizational relevant experience.....	175
4. References	
1. Corporate.....	75
2. Staff.....	75
5. Cost.....	300
Total Points.....	1,000

### B. EVALUATION FACTORS

1. PROJECT APPROACH - Up to 75 points will be awarded based upon an evaluation of the technical merit to the project approach including the thoroughness and

- applicability of the approach as measured against the elements of the detailed scope of work and the elements of the information paragraph.
2. PROJECT PLAN - Up to 150 points will be awarded based upon an evaluation of offeror's proposed project plan including completeness, quality, and efficiency of the plan and an evaluation of the following areas: a. Project management methodology and action plan. b. Projected schedules and responsibilities of assigned staff. c. Identification of security and internal controls and checkpoints.
  3. EXPERIENCE - Up to 325 points (150 for project staff and 175 for corporate) will be awarded based upon an evaluation of offeror's corporate and proposed staff experience will be awarded based on the offeror's experience on similar projects and the skill level of staff proposal.
  4. REFERENCES - Up to 150 points for the offeror's references will be awarded based on the following:
    - a. Up to 75 points for the offeror's corporate references will be awarded upon client satisfaction including quality and timeliness of work performed for previous clients.
    - b. Up to 75 points for staff references will be awarded based upon an evaluation of the quality and timeliness of work performed for previous clients, the staff member's interpersonal skills and the comparability of the staff member's experience to the tasks to be performed in this project.
  5. COST - The evaluation of each offeror's cost proposal will be conducted using the following formula:
    - a.  $\text{Lowest responsive offeror's total cost} = 300 \text{ awarded points. Lowest responsive offeror's total cost divided by this offeror's total cost times } 300 = \text{this offer's awarded points.}$

#### C. EVALUATION PROCESS

The following paragraphs describe the process used to evaluate the submitted proposals.

1. All offeror proposals will be reviewed for compliance with the mandatory requirements as stipulated within the RFP. Proposals deemed non-responsive will be eliminated from further consideration.
2. The Procurement Manager may contact the offeror for clarification of the proposal.
3. The Evaluation Committee may use other sources of information to perform the

evaluation of the proposal.

4. Responsive proposals will be evaluated on the factors in Section VI, which have been assigned a point value. The responsible offerors with the highest scores will be selected as finalist offerors based upon the proposals submitted. Finalist offerors who are asked or choose to submit revised proposals for the purpose of obtaining best and final offers will have their points recalculated accordingly. The responsive offeror whose proposal is most advantageous to the EMNRD-OCD, taking into consideration the evaluation factors in Section VI, will be recommended for contract award to the State Purchasing Agent. Please note, however, that a serious deficiency in the response to any one factor may be grounds for rejection regardless of overall score.

#### VII. SEQUENCE OF EVENTS

	<u>Action</u>	<u>Responsibility</u>	<u>Date</u>
1.	Issue RFP	EMNRD-OCD	
2.	Submission of Proposal	Offeror	
3.	Proposal Evaluations	EMNRD-OCD	
4.	Selection of Finalists	EMNRD-OCD	
5.	Selection of Contractor	EMNRD-OCD	
6.	Finalize Contract	EMNRD-OCD /Contractor	

**(The deadline for submittal of offers is.....?..... No offers will be accepted after the deadline. No offers sent to EMNRD-OCD by facsimile transmission will be considered responsive.)**

**APPENDIX**

**ACKNOWLEDGEMENT OF RECEIPT FORM**

**REQUESTS FOR PROPOSALS**

**GOODWIN TREATING PLANT**

**ACKNOWLEDGEMENT OF RECEIPT FORM**

In acknowledgement of receipt of this Request for Proposal the undersigned agrees that he/she has received a complete copy, beginning with the title page and table of contents, and ending with appendix.

The acknowledgement of receipt should be signed and returned to the Procurement Manager no later than close of business on \_\_\_\_\_. Only potential offerors who elect to return this form completed with the indicated intention of submitting a proposal will receive copies of all offeror written questions and the Agency's written responses to those questions as well as RFP amendments, if any are issued.

**FIRM:** \_\_\_\_\_

**REPRESENTED BY:** \_\_\_\_\_

**TITLE:** \_\_\_\_\_ **PHONE NO.:** \_\_\_\_\_

**E-MAIL:** \_\_\_\_\_ **FAX NO.:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP CODE:** \_\_\_\_\_

**SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

This name and address will be used for all correspondence related to the Request for Proposal.

Firm does/does not (circle one) intend to respond to this Request for Proposals.

**Ed Martin**  
**New Mexico Oil Conservation Division**  
**2040 South Pacheco**  
**Santa Fe, New Mexico 87505**  
**Phone 505-827-7151**  
**Fax 505-827-8177**