



**American Environmental  
Solutions, Inc.**

700 Curtner Avenue  
Campbell, CA 95008

408/377-1477 • 800/660-1477

November 19, 1990

Alameda County Health Agency  
80 Swan Way, Room 200  
Oakland, Ca 94621

Att: Bill Faulhaber

SUBJECT

Work plan for soil excavation and remediation.  
Location 295 Park Street, San Leandro, Ca.

SCOPE OF WORK

American Environmental Solutions, Inc., (A.E.S.I.), will push all previously excavated material back into existing excavation. A.E.S.I. will then excavate all contaminated material from the site. While excavation is being done, all foreign material, (concrete & asphalt) will be placed in a separate pile. All contaminated soil will then be placed on 10 mil visquene. A.E.S.I. will excavate soil until a Non-Detectable reading is reached on a Photo Ionazation Meter. A.E.S.I. will take soil and water samples as per instructions of Inspector. Soil and water samples will be sent to Chromalab, a State Certified Laboratory, for all testing as mandated by the Alameda County Water Board. Soil and water samples will be on a five (5) day turn-around. As soon as A.E.S.I. receives the soil and water test results from the laboratory, (providing they come back Non-detectable), we will immediately back fill excavation and resurface with asphalt. A.E.S.I. will obtain all necessary permits to do the project.

BIO-REMEDICATION

A.E.S.I. will spread contaminated soil to as shallow a depth as possible in the allotted area. A.E.S.I. will send a One (1) pound soil sample to Solmar Corp., Orange, Ca. Solmar will send a recomendation as to the proper Bio-Cultures and application amounts to be applied. A.E.S.I. will then fertilize soil, and at the same time A.E.S.I. will apply water and aerate the contaminated soil. After a period of three (3) to four (4) days, A.E.S.I. will apply laboratory recommended Bio-Cultures to the soil to commence Bio-remediation. The soil will be irrigated and aerated every five (5) to seven (7) days as deemed necessary. After a period of two (2) weeks, another application of Bio-cultures will be applied. After six (6) weeks, A.E.S.I. will take some random

OWNER  
GARY WANGAN  
(PHILLIPS PROP)  
305 DOMINGO CT.  
SAN RAMON CA. 94683  
415-830-1433

**American Environmental  
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**SUBJECT:**

Work Plan for Soil Excavation and Remediation.  
Located: 295 Park Street, San Leandro, Ca.

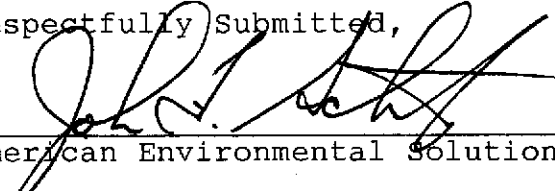
samples to check remediation progress. IF necessary, A.E.S.I. will make another Bio-culture application.

Total remediation, to under 100ppm, should be accomplished in sixty (60) to ninty (90) days. During this period, the soil will be irrigated and aerated every five (5) to seven (7) days, depending on weather conditions.

When the soil has reached contamination levels below 100ppm, it will be hauled to and disposed of at a Class III Dump Site, by A.E.S.I. All necessary permits and documents will be sent to the required controlling Agencies. A copy of the Final Report will be sent to Client.

A.E.S.I. estimates there will be approximately fifty (50) cubic Yards of contaminated soil excavated.

Respectfully Submitted,

  
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American Environmental Solutions, Inc.

John F. Schuetze - President

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November 19, 1990

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80 Swan Way, Room 200  
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Att: Bill Faulhaber

Project # 295 Park St. San Leandro  
Fee Paid \$300.00  
Date 11-20-90 D. Faulhaber

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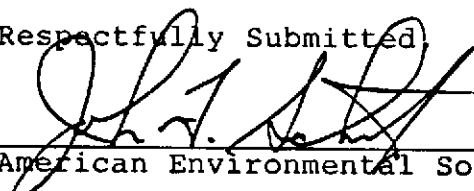
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Respectfully Submitted,



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American Environmental Solutions, Inc.

John F. Schuetze - President

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REF./  
A/C NO. M

COUNTY OF ALAMEDA  
OFFICE OF THE AUDITOR-CONTROLLER

DATE: 11/20/90

MISCELLANEOUS RECEIPT

No 577139

\$ 300  
DOLLARS

RECEIVED FROM:	<u>American Environment, 700 Linton Ave. Campbell</u>	
FOR:	<u>Gary Wargol</u>	
	<u>295 Park St. San Jose, Ca 94577</u>	
RECEIVED BY:	<u>[Signature]</u>	DEPT. NO.: <u>430-453</u>

CASH  PERSONAL/CASHIER'S CHECK/M. O. # 01108  OTHER: \_\_\_\_\_

110-1 (Rev 10/85) [0134E (08)] 3-Part      Distribution: White - Payor    Yellow & Pink - Depart.