



TRANSMITTAL FORM

DATE: 1/29/92

PROJECT NO.: 213

TO: Mr. Brian Oliva
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Material Program
80 Swan Way, Room 200
Oakland, CA 94621

FROM: John V. Mrakovich
Tank Protect Engineering
2821 Whipple Road
Union City, CA 94587

WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER
 VIA _____ mail _____ THE FOLLOWING ITEMS:

- LETTER(S) PROPOSAL(S) TABLE(S) FIGURE(S)
 SPECIFICATION(S) CHANGE ORDER(S) REPORT(S)

COPIES	DATED	DESCRIPTION
1	1/29/92	Addenda to Workplan For Overexcavation of Contaminated Soil And Installation of Groundwater Monitoring Wells, City of Emeryville, 1333 Park Avenue, Emeryville, CA 94608

THESE ARE TRANSMITTED FOR:

- YOUR REVIEW AND COMMENT YOUR FILES
 YOUR REQUEST APPROVED AS SUBMITTED
 YOUR APPROVAL APPROVED AS NOTED

REMARKS: _____

CC: File

SIGNATURE: John V. Mrakovich



TANK PROTECT ENGINEERING

2821 Whipple Road
Union City, CA 94587
(415) 429-8088 • (800) 523-8088
FAX (415) 429-8089

January 29, 1992

Mr. Juan Arreguin
City of Emeryville
2200 Powell Street, 12th Floor
Emeryville, CA 94608

Re: Addenda to Tank Protect Engineering's January 15, 1992 Workplan for Overexcavation of Contaminated Soil and Installation of Groundwater Monitoring Wells, City of Emeryville, 1333 Park Avenue, Emeryville, CA 94608

Dear Mr. Arreguin:

Tank Protect Engineering (TPE) has received a copy of Mr. Brian P. Oliva's January 23, 1992 letter to you (attached) requesting clarification of points he raised upon review of TPE's subject workplan. This letter transmits addenda to clarify the points raised.

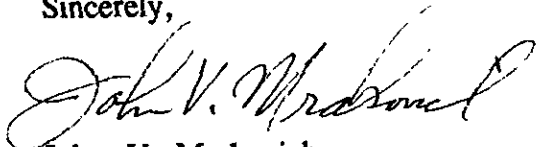
The following is a clarification to each point raised by Mr. Oliva.

- 1) (Request to provide copies of the necessary permit(s) from the Bay Area Air Quality Management District) - Copies of all necessary permits required to conduct work proposed under the subject workplan will be included in appendices of the site assessment report that TPE will provide upon completion of the work.
- 2) (Request to provide a plan to address soil contamination under the former fuel dispenser at the site) - TPE proposes to conduct overexcavation of contaminated soil from beneath the former dispenser island to the depth of groundwater, if necessary, and to the extent of not endangering buildings, sidewalk areas, utilities, or any other structures or objects. Verification soil samples will be collected to document cleanup concentrations of total petroleum hydrocarbons as gasoline; benzene, toluene, ethylbenzene, and xylenes; and for organic lead. If contamination is present beneath buildings and structures, TPE will recommend alternate remedial methods in a future workplan.

- 3) (Request to employ teflon tape on soil samples collected for chemical analysis) - TPE proposes to cover the brass tube ends with teflon tape beneath plastic end-caps and tape the plastic end-caps to the brass tubes with duct tape.
- 4) (Request to obtain the express permission of the California Regional Water Quality Control Board or the Alameda County Health Care Services Agency (ACHCSA) to use remediated soil as on-site backfill) - TPE proposes to dispose of the excavated and/or remediated soil to an appropriate landfill and use clean imported soil for backfill.
- 5) (Request for sieve analysis for 1 of the constructed wells) - TPE will collect a soil sample from the finest-grained aquifer material that will be opposite the screened-interval of 1 of the 3 wells constructed and will conduct a sieve analysis according to ASTM D 422.
- 6) (Request for remedial plan for removal of free product if present in wells following their construction and subsequent development) - If free product is present in any of the wells after their development, TPE will advise the client to commence free product removal by installation of a product skimmer pump or water table depression pump with product removal depending on the thickness of free product present.
- 7) (Request for 48 hour notification prior to commencing any work) - TPE will notify the ACHCSA at least 48 hours prior to conducting work at the subject site.

If you have any questions, please call TPE at (510) 429-8088.

Sincerely,



John V. Mrakovich
Registered Geologist No. 4665

cc: File

Attachments: Alameda County Health Care Services January 23, 1991 letter.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(415) 271-4300

January 23, 1992

City of Emeryville
2200 Powell Street
Emeryville, CA 94608
ATTN; Juan Arreguin

Subject: 1333 Park Street, Emeryville CA 94608

Dear Mr. Arreguin:

This office is in receipt of a workplan from Tank Protect Engineering Inc. (TPE), dated January 15, 1992, submitted to this office for review. Thank you for the prompt attention given this investigation. Upon review of the workplan, there are several points in need of clarification prior to concurrence by the Alameda County Division of Hazardous Materials:

- 1) Provide copies of the necessary permit(s) from the Bay Area Air Quality Management District as stated in the workplan.
- 2) There is evidence of soil contamination under the fuel dispenser at the site, as demonstrated by sampling from under said dispenser. Please indicate a plan for addressing this contamination.
- 3) The use of duct tape has been shown to sometimes indicate a "false-positive reading for toluene. It will be adequate to employ "teflon" sealed over with foil, as an alternative.
- 4) Remediated soil should not be employed as backfill without the express permission of the Regional Water Board or the Local Agency (Alameda County). Clean fill should be utilized if at all possible.
- 5) Regarding the installation of monitoring wells at the site, a sieve analysis should be completed on at least one of the constructed wells.
- 6) If free product is encountered in the monitoring wells following their construction and subsequent development, it will be necessary to implement a remedial plan for the removal of said product.

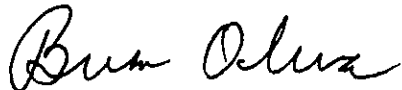
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7) Please extend to this office forty-eight(48) hours notice prior to commencing any work at the site.

Upon receipt of an addendum to the workplan adequately addressing the above issues, this office will concur with the plan's implementation. The required work should be sent to our department by February 23, 1992 (within 30 days).

If you have any questions concerning the above site, please call this office at (510) 271-4320.

Sincerely,



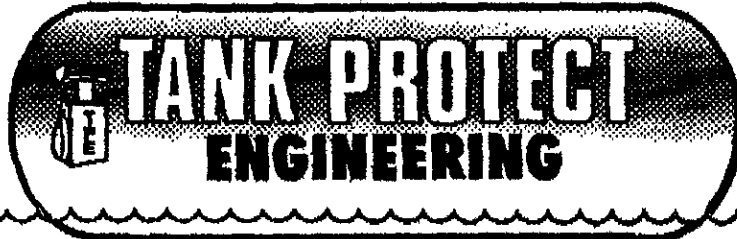
Brian P. Oliva, REHS
Hazardous Materials Specialist

cc: Eddie So, SFBRWQCB
John Mrakovich, Tank Protect Engineering





TANK PROTECT ENGINEERING
2821 Whipple Road
Union City, CA 94587



(415) 428-8088
(800) 823-8088
FAX (415) 428-8089

Of Northern California

FROM: TANK PROTECT ENGINEERING

DATE: 1/29/92

TO: BRIAN OLIVA

ATTN: _____

RE: 1333 PARK AVE.
EMERYVILLE, CA

NO. OF PAGES: 3
(Include cover sheet)

If all pages are not received please notify sender.

MESSAGE:

S. V. MRAKOVICH