

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
Lynn D. SEARS, Agency Director



R02651

BARBARA SHAPIRO, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Pm. 200
Oakland, CA 94621
(510) 271-4320

December 30, 1993
STID # 2309

Mr. Brad Statly
Environmental Engineer
RMC Lonestar
Post Office Box 5252
Pleasanton, California 94566

Re: FIVE YEAR UNDERGROUND TANK PERMIT FOR RMC LONESTAR PLANT #120
LOCATED AT 6527 CALAVERAS ROAD, SUNOL, CALIFORNIA 94586

Dear Mr. Statly

Please find enclosed a five-year operating permit certificate, for one four thousand gallon steel wrapped underground storage tank at the site noted above. This permit is being issued, contingent upon the facility's compliance with all applicable underground tank monitoring requirements. Acceptable monitoring procedures are described in the revised Title 23, California Code of Regulations (C.C.R.) which became effective August 9, 1991. In order to maintain a valid permit, any deficiencies noted on the final underground tank inspection report or subsequent inspections, must be corrected. Below is a summary of the monitoring requirements for your facility:

1. Sections 2645 and 2646 - Inventory Reconciliation

- a) Record the daily variation in inventory reconciliation. This is the difference between the measured inventory in the tank and the calculated inventory. The calculated inventory shall be determined by adding the fuel inputs from deliveries and subtracting the day's sales (ie withdraws in gallons) from the physically measured inventory of the day before.

Meters or gauges used to measure the in tank inventory must be approved by this office. Commercial gauges and measuring devices should meet the standards in Title 4, Chapter 9, of the California Code of Regulations (C.C.R.)

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December 30, 1993

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and be inspected by the County Department of Weights and Measures.

Weekly tank gauging shall only be used as part of a monitoring program for existing tanks which have a total system capacity of 2,000 gallons or less and which can be taken out of service for at least 48 continuous hours each week. Tanks with a capacity of 550 gallons or less may be exempt from integrity testing each year.

You are advised that, using manual stick readings to measure the physical inventory, may require your inventory reconciliation data to be evaluated by a third party certified statistical analyst. This rule applies where the highest anticipated ground water may come to less than 20 feet below the bottom of the tank.

Daily variations shall be summed for a period of one month. If monthly variations exceed 1% per cent of the monthly tank delivery plus 130 gallons, this office must be notified. An investigation as to the cause of excess variations must be conducted and reported to this office.

- b) Submit an annual statement to this office which states that all inventory reconciliation data are within allowable limits or list the times and corresponding variations when allowable limits were exceeded. This statement shall be executed under penalty of perjury.

2. Section 2643 - Non-visual Monitoring

- a) Monitoring of piping shall be conducted at least hourly, which is capable of alerting the operator when 3 gallons have leaked or a leak rate of three gallons per hour at 10 p.s.i. exists; and

Annual piping system integrity testing shall be conducted which is capable of detecting a minimum release of 0.1 gallon per hour at 1.5 (one and a one-half times) normal operating pressure.

- b) Annual tank integrity testing shall be conducted which is capable of detecting a release of 0.1 gallon per hour at or above the maximum product level of the tank.

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December 30, 1993
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3. Section 2663 - Overfill Prevention

- a) Onsite personnel or the operator's agent must ensure that the volume available in the tank is greater than the volume of product or waste oil to be transferred into the tank before the transfer is made. Also the transfer process must be watched to prevent overfilling and spilling.

4. Section 2643 et. seq., Non- Visual Monitoring

- a) Maintain the monitoring equipment in good repair and service in accordance with the manufacturer's instructions. In a written plan, describe the training needed for the operation of both the tank system and monitoring equipment or conducting monitoring procedures. Maintain the plan on site for review.

5. Section 2712 - Permit Conditions

- a) Retain all monitoring and maintenance records on-site or at a readily available location off-site, if approved by this agency, for a period of at least 3 years. These records must be made available, upon request within 36 hours, to the local agency or the Regional Water Quality Control Board.

The above listed requirements reflect the information currently on file and may not include deficiencies disclosed during routine inspections or changes that will result from tank and piping upgrading required by December 22, 1998. You may utilize other release detection methods for tanks and pipelines as outlined in the revised Title 23, C.C.R.. Please send a letter to this office notifying us of any changes in the monitoring methods.

Consult the revised Title 23, C.C.R. regarding any additional requirements. To obtain a copy of the regulations, you may contact the State Water Resources Control Board at (916)323-1262.

RMC

December 30, 1993

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Should you have any questions or concerns regarding the contents of this letter, please call me at (510)271-4320.

Sincerely,



Kevin Tinsley
Hazardous Materials Specialist

cc: Edgar Howell, Chief (kt-files), AlCo. E.H.D.
Rich Bier, RMC site Contact

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R02651

RAFAT A. SHAHID, Assistant Agency Director

December 2, 1992

Mr. Bradd Statley
RMC Lonestar Ind.
6601 Koll Center Parkway
P.O. Box 5252
Pleasanton, CA 94566

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

**Subject: Bioremediation Workplan at RMC Lonestar Ind. 6527
Calaveras Road, Sunol, CA 94586**

Dear Mr. Statley:

This office has received a workplan for bioremediation of diesel contaminated soil at the above site. However, Prior to reviewing the documents submitted, it will be necessary for your agency to remit a deposit of \$710.00 made payable to the County of Alameda, for involvement in the oversight of the above site. This deposit is authorized by Section 3-141.6 of the Ordinance Code of Alameda and is used to cover the expenses incurred by county personnel in their oversight duties. Records are maintained of the time county employees commit to a project and the deposit is charged at an hourly rate. Upon completion of the project, the balance will be returned to you.

Should you have any questions pertaining to the above requests, please contact me at (510)-271-4320.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

cc: Files

RMC-Soil2

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R02651

RAFAT A. SHAHID, Assistant Agency Director

October 2, 1992

Joe Riebli
RMC Lonestar
6527 Calaveras Rd.
Sunol, CA 94586

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Re: **FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE
TANK(S) [USTs] AT 6527 Calaveras Rd., Sunol**

This is in regard to a letter which was sent to you in the past. In that letter you were asked to submit to this office all pertinent information regarding your underground storage tank(s). This information is necessary for permitting of your tanks. To this date this office has not received any response from you. Please complete the following items and return them to me within 30 days:

1. Complete UST PERMIT FORM A-one per facility.
2. Complete UST PERMIT FORM B-one per tank.
3. Complete UST PERMIT FORM C-one per tank if information is available.
4. A written tank monitoring plan.
5. Results of precision tank test(s) (initial and annual).
6. Results of precision pipeline leak detector tests (initial and annual).
7. An accurate and complete plot plan.
8. A written spill response plan.
9. A copy of your inventory reconciliation statement for this year which indicates that all of your inventory reconciliation data are within "allowable variations" or which indicates a list of the periods of times and the corresponding variations when the allowable variation is exceeded. Allowable variation is 1% of the monthly deliveries plus 130 Gallons. Item 9 is necessary only if inventory reconciliation is used to monitor your tank(s).

Forms A, B, and C as well as examples of items 4, 7, and 8 indicated above were provided to you in the first letter.

Please be advised that Title 23 of the California Code of Regulation prohibits the operation of ANY UST without a permit. Please feel free to contact me at (510) 271-4320, if you have any questions regarding the mandatory five-year permit process.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R02651

RAFAT A. SHAHID, Assistant Agency Director

June 12, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Joe Riebli
RMC Lonestar Ind.
P.O. Box 5252
Pleasanton, Ca 94566

Re: **FIVE-YEAR PERMITS FOR OPERATION OF ONE
UNDERGROUND STORAGE TANKS (UST'S) AT 6527
CALAVERAS RD SUNOL**

According to our records the above mentioned facility has not received a five-year permit to operate UST's. Please complete the following items marked below and return them to me within 30 days. The example plans enclosed, should be used only as guidelines and may not meet your requirements under Title 23.

- 1. Complete UST PERMIT FORM A-one per facility. (enclosed)
- 2. Complete UST PERMIT FORM B-one per tank. (enclosed)
- 3. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
- 4. A written tank monitoring plan. (enclosed)
- 5. Results of precision tank test(s) (initial and annual).
- 6. Results of precision pipeline leak detector tests (initial and annual).
- 7. An accurate and complete plot plan. (enclosed)
- 8. A written spill response plan. (enclosed)

Title 23 of the California Code of Regulation prohibits the operation of ANY UST without a permit. Please feel free to contact Amir K. Gholami at (510) 271-4320, if you have any questions which may arise in completing the mandatory five-year permit process.

Sincerely,

Ravi Arulanantham
Senior Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney
Rafat Shahid, Assistant Agency Director, Alameda County
Department of Environmental Health

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAMID, Assistant Agency Director

R02651

January 21, 1992

Mr. Harry Reppert
RMC Lonestar
6601 Koll Center Parkway
Pleasanton, CA 94566

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

RE: SUNOL QUARRY SITE GROUND WATER INVESTIGATION, 6527 CALAVERAS ROAD, SUNOL

Dear Mr. Reppert:

This Department has completed review of the November 1, 1991 GeoStrategies, Inc. (GSI) report documenting sampling and monitoring of wells RMC-2, -3, and -4 during the 3rd quarter of 1991.

Ground water samples collected from these wells during September 1991 exhibited nondetectable concentrations of total petroleum hydrocarbons as diesel (TPH-D), and the volatile compounds benzene, toluene, ethylbenzene and xylene isomers (BTEX). During the course of this investigation, only RMC-4 has shown detectable concentrations of BTEX during past sampling events occurring January 19, March 18, and June 10, 1991. Benzene concentrations in ground water sampled from this well during January and March ranged from 1.0 to 0.83 parts per billion (ppb), respectively. The current state maximum contaminant level (MCL) for this compound is 1.0 ppb. Concentrations of TEX, albeit low, have also been detected in RMC-4 during sampling events occurring in January, March, and June.

At this time, please adhere to the following modified sampling and monitoring schedule:

- 1) Wells RMC-2, and -3 may be sampled semiannually for the presence of TPH-D and BTEX. Well RMC-4 shall continue being sampled quarterly.
- 2) Ground water levels shall be measured quarterly in all wells.
- 3) Summary reports are to be submitted quarterly, according to the schedule outlined in item 3 of the November 16, 1990 correspondence from this office, until this site qualifies for final "sign off" by the RWQCB.

Please note that ground water gradient maps depicting ground water elevations during August and September 1991 show a marked shift of gradient towards the west, as compared to all prior monitoring events. As requested in the cited November 1990 correspondence, please have your consultant explain these, as well as all future, significant shifts in gradient direction.

Mr. Harry Reppert
RE: RMC Lonestar, 6527 Calaveras Road
January 21, 1992
Page 2 of 2

Please feel free to call me at 510/271-4320 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Division
Gil Jensen, Alameda County District Attorney's Office
Howard Hatayama, DTSC
Hossain Kazemi, RWQCB
John Vargas, GeoStrategies, Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SITE: 6527 Calaveras Rd.
Sunol, CA

R02651

November 16, 1990

Mr. Harry Reppert
RMC Lonestar
6601 Koll Center Parkway
P.O. Box 5252
Pleasanton, CA 94566

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

RE: SUNOL QUARRY SITE DIESEL FUEL CLEANUP PROJECT

Dear Mr. Reppert:

Thank you for your recent submittal of the November 1, 1990 GeoStrategies Inc. (GSI) progress report, as submitted under RMC Lonestar cover dated November 2, 1990. This report documents the work completed to date during GSI's investigation into the lateral and vertical extent of diesel fuel-contaminated soils in proximity to the fuel tank building, the subsequent excavation of the impacted materials, and the installation and sampling of three (3) ground water monitoring wells.

Following review of the data presented in the noted report, this Department largely concurs with the recommended actions presented by GSI, with the following modifications:

- 1) Wells RMC-2, -3, and -4 should be sampled monthly for the first quarter, and then quarterly thereafter provided concentrations of target compounds remain nondetectable (ND). Samples are to be analyzed for total petroleum hydrocarbons as diesel (TPH-D), as well as for benzene, toluene, ethylbenzene, and xylenes (BTEX). Following the collection of a years worth of ground water and chemical data, future monitoring requirements will be determined;
- 2) Ground water level measurements are to be collected monthly for the first year, and quarterly thereafter. Please also indicate if, during the period preceding each monthly measurement, the rate of dewatering from the adjacent gravel mining pit had changed;
- 3) Summary reports are to be submitted on a quarterly basis. Such quarterly reports are to present the results of all work performed during the subject quarter, including, among others, such elements as: ground water level measurements and gradient maps; sample analyses data including copies of chain-of-custody and laboratory reports; and, interpretations of data and recommendations for additional work;

Mr. Harry Reppert
RE: RMC Lonestar, 6527 Calaveras Road
November 16, 1990
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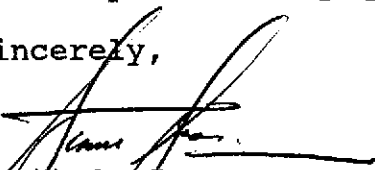
Quarterly reports are due the first day of the second month of each subsequent quarter (i.e., February 1, May 1, August 1, and November 1). The next quarterly report is due February 1, 1991 and must document activities performed during the 4th quarter of 1990.

Additionally, please remit a check totalling \$744 to cover current and future costs associated with the Department's oversight of this case. This deposit will be placed in an account from which funds will be extracted at a rate of \$60 per hour for time expended by Department personnel. Funds remaining in the account following completion of this project will be refunded.

Thank you, again, for your expedient and focused response during the assessment and cleanup of diesel-contaminated soils resulting from this disturbing act of vandalism. Such a timely response unquestionably averted even greater environmental peril.

Should you have any questions, please call me at 415/271-4320.

Sincerely,



Scott O. Seery
Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Bureau
Gil Jensen, Alameda County District Attorney's Office
Howard Hatayama, DHS
Hossain Kazemi, RWQCB
Louis Schipper, RMC Lonestar
Al Spotorno, San Francisco Water Department
Jeffrey L. Peterson, GSI

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R02651

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 271-4320

August 1, 1989

Louis B. Schipper, III
RMC Lonestar
6601 Koll Center Parkway
P.O. Box 5252
Pleasanton, CA 94566


Re: Santa Clara Sand & Gravel
6527 Calaveras Rd., Sunol

Dear Mr. Schipper:

This letter is in response to your letter concerning a soil remediation proposal by Uriah Environmental. This proposal is acceptable to this Department. There is no mention that the Regional Water Quality Control Board received this proposal. As you know it must also meet with their approval.

If you have any questions, please contact Thomas Peacock, Senior Hazardous Material Specialist, at (415) 271-4320.

Sincerely,


Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:tfp

cc: Hosein Kazimi, RWQCB
Larry Blaser, Alameda County District Attorney, Consumer &
Environmental Protection