

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



Robb

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 3128

August 2, 1993

Mr. Tim Reed
RESNA
1500 So. Union Ave
Bakersfield, CA 93307

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

**Subject: Site Closure for Scotsman Corporation,
6055 Scarlett Ct., Dublin, CA 94568**

Dear Mr. Reed:

I have completed review of RESNA's July 20, 1993 Site Closure Report for the above referenced site. This report summarizes the site investigation and remediation activities with a request for site closure.

I am satisfied that remediation has effectively removed as much as possible all soil and groundwater contamination, therefore can recommend that no further cleanup be necessary for the site. At this time, site closure is recommended by this office. However, verification monitoring should continue for two consecutive quarters to demonstrate that groundwater pollutant trends have stabilized and levels do not increase and pose a threat to health and beneficial uses to water.

Pending review of laboratory results from the next two quarters of sampling, this office will then recommend to the RWQCB (who ultimately grants site closure) that they review this case for site closure.

If you have any questions, I can be reached at (510) 271-4530.

Sincerely,

eva chu
Hazardous Materials Specialist

cc: Pete Sagrell, First Interstate Bank, 707 Wilshire Blvd,
W7-22, Los Angeles, CA 90017
Rich Hiatt, RWQCB
files

scotman6.1

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0616

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 3128

September 16, 1993

Mr. Rich Hiett
RWQCB
2101 Webster St., 5th Floor
Oakland, CA 94621

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

**Subject: Case Closure Recommendation for 6055 Scarlett Court,
Dublin 94568**

Dear Mr. Hiett:

This office has completed review of RESNA's Site Closure Report, July 20, 1993, for the above referenced site. This report documents the remediation efforts and results of the environmental investigation that have occurred at the site since the removal of two 500 gallon gasoline underground storage tanks (USTs) in October 1987.

At the time of tank removal, holes and corrosion were noted on the USTs. Water was encountered in the pit at 6.5 feet depth. Soil samples collected at a depth of 8.5 feet exhibited up to 150 ppm TPH-G. No water sample was collected.

Preliminary site assessment to determine the extent of soil and groundwater contamination occurred from December 1988 through November 1989 with the advancement of soil borings around and through the former UST pit. Selected borings were converted into monitoring wells to delineate the dimension of the groundwater plume. These wells were screened appropriately to accommodate seasonal groundwater fluctuations. Laboratory analyses revealed soil contamination to be restricted to the immediate vicinity around the UST pit with up to 210 ppm TPH-G and 5,600 ppb benzene. Groundwater samples exhibited up to 76,000 ppb TPH-G and 6,200 ppb benzene.

By July 1991, a groundwater treatment system was in full operation with three recovery wells. By March 1993, the system had treated 853,170 gallons of water and the size of the groundwater plume was reduced to a small area within the former UST pit.

In August 1992 overexcavation of the soil within the former UST pit began. Approximately 75 cubic yards of clean soil and 50 yards of contaminated soil were removed, destroying three wells in this area. Soil samples collected from the sidewalls were below detection levels for TPH-G and BTEX. Stockpiled soil was characterized to determine proper disposal. "Clean" stockpiled soil and imported clean fill was used to backfill the pit.

Rich Hiett-RWQCB
re: Closure for 6055 Scarlett Ct., Dublin
September 16, 1993

Page 2

Groundwater extraction was discontinued in December 1992. Subsequent monitoring/sampling episodes confirmed gradient direction and that remediation was effective in removing as much as possible all soil and groundwater contamination. Levels of BTEX in groundwater has been below California Drinking Water Standards since groundwater extraction was discontinued. And TPH-G concentrations have been below 150 ppb since April 1993.

From my review of the data presented to date, beneficial uses of groundwater in the area in proximity to the subject site do not appear to be threatened to a significant extent from the release that occurred at this site.

It is my opinion that this case should be reviewed by the RWQCB for potential case closure. Please contact me at (510) 271-4530 should you need additional information.

Sincerely,



eva chu
Hazardous Materials Specialist

cc: Pete Fagrell, First Interstate Bank, 707 Wilshire Blvd.,
W7-22, Los Angeles, CA 90017
Tim Reed, RESNA, 1500 S. Union Ave., Bakersfield, CA 93307
files

scotman7

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0616

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

StID 3128

April 15, 1993

Mr. Tim Reed
RESNA
1500 So. Union Ave
Bakersfield, CA 93307

**Subject: Groundwater Sampling at Scotsman Corporation,
6055 Scarlett Ct., Dublin, CA 94568**

Dear Mr. Reed:

At a meeting on March 24, 1993 you inquired if site closure for the above referenced site can be considered if monthly ground water samples were collected and analyzed through the next quarter. I spoke with Mr. Richard Hiatt, of the SF-RWQCB, regarding this matter and the following monitoring schedule was agreed upon:

1. Monthly monitoring/sampling for three (3) consecutive months, beginning as soon as possible, OR
2. Two additional, consecutive quarters of groundwater monitoring and sampling.

Monitoring wells RW-1, RW-3, MW-5, and MW-7 should be sampled and analyzed for TPH-G and BTEX. If no detectable amounts of contaminants are found, then we can recommend site closure. However, if there are detectable amounts of contaminants, extended monitoring may be required. Record conductivity, temperature, pH, and turbidity throughout the purging process.

Attached please find a copy of the RWQCB outline showing the appropriate format and topics for the preparation of a final report summarizing the outcome of the site investigation. As you are likely aware, site "closure" ultimately requires approval from the RWQCB. Upon receipt of this report, it will be attached to a letter issued from this office to the RWQCB requesting their consideration for case closure.

If you have any questions, please contact me at (510) 271-4530.

Sincerely,

eva chu
Hazardous Materials Specialist

Tim Reed/RESNA
re: 6055 Scarlett Ct., Dublin
April 15 1993

Page 2

enclosure

cc: Richard Hiett, RWQCB
TommiLee Gill, First Interstate Bank, 707 Wilshire Blvd.,
W7-22, Los Angeles, CA 90017
Tom Hathcox, Dougherty Regional Fire Authority
Edgar Howell/files

scotman5

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0616

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

StID 3128

March 17, 1993

Mr. Tim Reed
RESNA
1500 So. Union Ave
Bakersfield, CA 93307

**Subject: Quarterly Monitoring/Sampling for Scotsman Corporation,
6055 Scarlett Ct., Dublin, CA 94568**

Dear Mr. Reed:

This office has completed review of RESNA's Fourth Quarter Monitoring Report, dated March 8, 1993, for the above referenced site. This is the first sampling episode following soil excavation (August 1992) from the former UST pit and cessation of groundwater extraction from recovery wells RW-1 and RW-3. Therefore, quarterly sampling and monitoring of wells MW-5, MW-7, RW-1, and RW-3 should continue until further notice. Site closure cannot be recommended by this agency at this time.

If you have questions or comments about the content of this letter, please contact me at (510) 271-4530.

Sincerely,

Eva Chu
Hazardous Materials Specialist

cc: Rich Hiett, RWQCB
Bob Hansen, 6055 Scarlett Ct., Dublin 94568
Edgar Howell/files

scotman4

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0616

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

StID 3128

March 17, 1993

Mr. Tim Reed
RESNA
1500 So. Union Ave
Bakersfield, CA 93307

**Subject: Quarterly Monitoring/Sampling for Scotsman Corporation,
6055 Scarlett Ct., Dublin, CA 94568**

Dear Mr. Reed:

This office has completed review of RESNA's Fourth Quarter Monitoring Report, dated March 8, 1993, for the above referenced site. This is the first sampling episode following soil excavation (August 1992) from the former UST pit and cessation of groundwater extraction from recovery wells RW-1 and RW-3. Therefore, post remedial sampling and monitoring of wells MW-5, MW-7, RW-1, and RW-3 on a quarterly basis should continue to confirm that remediation was effective and complete. If after 3 more quarters of non-detectable levels of contaminants, a final site closure report should be prepared and submitted to this office.

If you have questions or comments about the content of this letter, please contact me at (510) 271-4530.

Sincerely,

Eva Chu
Hazardous Materials Specialist

cc: Rich Hiatt, RWQCB
Bob Hansen, 6055 Scarlett Ct., Dublin 94568
Edgar Howell/files

scotman4

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

StID 3128

January 6, 1993

Tim Reed
RESNA
1500 So. Union Ave
Bakersfield, CA 93307

**Subject: Quarterly Monitoring at Scotsman Corp.,
6055 Scarlett Ct., Dublin 94568**

Dear Mr. Reed:

In a recent conversation you requested case closure for the above referenced site. At this time case closure cannot be considered for the following reasons:

1. Up through July 1992 monitoring wells MW-1 and MW-6 exhibited TPH-g and benzene concentrations above action levels even though recovery wells RW-1, 2, and 3 did not detect any of these constituents. Wells MW-1, MW-6 and RW-2 were subsequently destroyed in August 1992 when the UST pit was overexcavated to remove contaminated soil. The nearest downgradient well should continue to be sampled until further notice to confirm that all soil and groundwater contamination has been remediated.
2. Groundwater elevations from monitoring wells MW-2, MW-3, and MW-6 have been used to determine gradient for this site. These wells are about 300' from the UST pit and may not accurately determine gradient at the vicinity of the UST pit. During the next and subsequent monitoring and sampling periods, groundwater elevation should be measured from monitoring wells MW-5, MW-7, RW-1, and RW-3 to determine gradient. If none of the existing wells are in the verified downgradient, another monitoring well may be required.

Until the above concerns are addressed, case closure cannot be recommended. Should you have any questions about the content of this letter, please contact me at (510) 271-4530.

Sincerely,

Eva Chu
Hazardous Materials Specialist

cc: Rich Hiatt, RWQCB
Bob Hansen, 6055 Scarlett Ct., Dublin 94568
Edgar Howell/files (scotman3)

RO616

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO616

RAFAT A. SHAHID, Assistant Agency Director

StID 3128

April 30, 1992

Timothy Reed
RESNA
P.O. Box 9383
Bakersfield, CA 93389

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

**Subject: Update and Workplan for Groundwater Remediation at
6055 Scarlett Ct., Dublin, CA 94568**

Dear Mr. Reed:

This office has reviewed the update and workplan dated April 13, 1992, and approves of excavation to remove the remaining contaminated soil at the above referenced site. Throughout the overexcavation/bioremediation process, Scotsman will continue to submit monitoring and progress reports to this office and to the SF-RWQCB. Reports shall include copies of manifests or bills of lading (as applicable) for soil removed offsite for disposal at an approved landfill, the results of laboratory analyses of composite samples collected following accepted protocols, and a complete description of treatment methods to be used to remediate soil. Please reference the attached Appendix A summarizing the technical scope of site assessment proposals and reports.

Upon completion of the soil excavation, the remaining wells, RW1, RW3 and MW5, shall be sampled monthly for six months to confirm cleanup. Thereafter samples can be taken on a quarterly basis for the remainder of the year, at which time sampling schedules will be reevaluated.

As required by the RWQCB and Business and Professions Code, all technical reports and proposals must be submitted under seal of a California registered geologist or civil engineer. Please be certain all future reports or proposals are submitted in this fashion.

If you have any questions regarding the contents of this letter do not hesitate to contact Eva Chu at the above number.

Sincerely,


Scott O. Seery, CHHM
Senior Hazardous Materials Specialist

Attachment

cc: Lester Feldman, RWQCB (w/o)
Tim Hathcox, Dougherty Regional Fire Department (w/o)
Gil Jensen, Alameda County District Attorney's Office (w/o)
Bob Hansen, The Scotsman Group, Inc (w/o)
file

scotsman

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0616

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

6

February 26, 1991

Janie Layton
Bechtel Environmental, Inc.
P.O. Box 193965
San Francisco, CA 94119-3965

RE: File Search for BART

Dear Ms. Layton:

Below is a summary of our findings in response to your letter dated January 30, 1991.

1. Hacienda Business Park, Pleasanton:
Several firms in vicinity that generate hazardous waste. However, this office currently has no record of "toxic incidents" or tank leaks in this area, except for the following: On Thanksgiving Day 1988, a chemical truck overturned on I-580 between the I-680 and Hopyard Road interchanges, causing traffic to be backed up for about 15 hours, as the released chemicals were identified and cleaned up. The spill occurred on eastbound I-580, when a truck carrying such chemicals as hydrogen peroxide, sulfuric acid, acetone etc., was overturned. Several unknown containers of chemicals were spilled (volumes unknown). Diesel and engine oil from the rig spilled off the south side of the highway onto the shoulder. About 1500 gallons of an oil/water mixture were pumped into a tank truck and hauled away. In addition, all contaminated soil and debris was collected and hauled away as a hazardous waste.
2. Enea Business Plaza Center, Dublin:
This office currently has no files on any "toxic incidents" at this site.
(#20845 Wilbeam Ave)
3. Sal's Foreign Car Services, 20834 Wilbeam Ave./ 3343 Castro Valley Blvd., Castro Valley:
On August 30, 1990, one 3000 gallon and two 1000 gallon underground gasoline tanks were removed. Soil and shallow groundwater sampling revealed that both soil and water was

(R0549)

Janie Layton
Bechtel Environmental, Inc.
February 25, 1991
Page 2 of 4

contaminated (TPH-soil-720PPM and Product "Sheen" on ground water). This office has requested a Preliminary Site Assessment (PSA) report and the dead line for the submittal of PSA is March 15, 1991.

4. Crown Chevrolet, 7544 Dublin Blvd., Dublin:
Our records indicate that two 1000 gallon underground tanks were installed in 1968. Two additional tanks were later installed in 1986. We have no records indicating what happened to the two tanks that were installed in 1968. However, a letter to the RWQCB from the Alameda County Flood Control and Water District - Zone 7 indicates that on July 25, 1986 a clerk of the city of Dublin has notified the Zone 7 office of a tank leak at this site.
5. Lew Doty Cadillac, 5787 Scarlett Ct., (now Valley Nissan/Dodge) Dublin:
Two underground fuel tanks removed in 1988, causing significant soil and shallow groundwater contamination. Soil excavated and aerated on-site, once in 1989 and additional soil excavated and aerated in 1990. All soil cleaned up to "ND" were replaced in tank pit. Groundwater treatment (pumping, treating and disposal into sanitary sewer) in place since early 1990. Extent of groundwater contamination reduced greatly; now appears to be confined to tank pit on-site, with hydrocarbon concentrations dropping steadily.
6. Valley Nissan/ Dodge/ Volvo/ Mitsubishi/ Subaru: (6015 Scarlett Ct, Dublin)
In 1988 a 280 gallon waste oil tank was removed when it overflowed. Soil contamination was limited to area immediately around the tank and the contaminated soil was removed. One groundwater monitoring well was installed and the last 3-4 quart monitoring showed "ND" levels of oil and grease.
7. Scotsman Co., 6055 Scarlett Ct., Dublin:
In 1987 two underground fuel tanks were removed. Minor contamination found in soil beneath and around tanks, but groundwater was affected. Seven monitoring wells and one groundwater extraction well have been installed. Groundwater remediation implemented in early 1990, using pump and treat method. The outer edge of plume in downgradient direction

Bechtel Environmental
10000
10000

(R01177)

(R0721)

(R0616)

Janie Layton
Bechtel Environmental, Inc.
February 25, 1991
Page 3 of 4

(ssw flow) is 30-50 feet from the center of the plume, where the concentration of dissolved hydrocarbons are about 25ppm. About 200,000 gallons of water has been treated since remediation began.

8. Montgomery Ward, 7575 Dublin Blvd., Dublin:

(R0584)

One gasoline tank was punctured in late 1988 during a routine sticking. About 3000-8000 gallons of gasoline was released into backfill (pea gravel); some was recovered and pumped into a holding tank. In 1989 the remaining tanks were also removed. Pea gravel excavated completely and aerated on-site. Clean fill was placed back in the hole. Five monitoring wells and one extraction well ha been installed. No fuel product in monitoring well, however, a plume of contaminated groundwater appears to have migrated off-site. A groundwater pump-and-treat program was installed in fall of 1989 and was operational until the spring of 1991. A new consultant has been retained and a new groundwater remediation system should be in operation by this summer.

(#7240)

9. B.P. Oil Service Station (Dublin Auto Wash), 7420 Dublin Blvd., Dublin:

(R0304)

This used to be a Chevron Service Station. In February 1989 three underground fuel tanks were removed. Gravel (backfill) and several loads of contaminated water from the pit was hauled off to Class I disposal site. New tanks placed in the same hole; monitoring wells show intermittent, low levels of hydrocarbons. Groundwater monitoring is continuing. Additional contaminated soil found around the dispenser islands; Chevron removed all the soil it could without endangering the canopy structure. Contamination left in place will be treated via in-site aeration.

This letter is limited to information available to this department and does not reflect any other information which may be accessible from other local and governmental agencies or businesses involved with these sites.

Please find enclosed a copy of the invoice sent to our billing unit.

Janie Layton
Bechtel Environmental, Inc.
February 25, 1991
Page 4 of 4

If you have any questions concerning this matter, please contact me
at (415) 271-4320.

Sincerely,



A.R. Arulanantham
Hazardous Materials Specialist

ARA:eco

Attachment(s) 1

cc: Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



DEPT. OF ENVIRONMENTAL HLTH
HAZARDOUS MATERIALS PROG.
80 SWAN WAY, SUITE 200
OAKLAND, CA 94621
430-4530

RO616

January 23, 1990

Telephone Number: (415)

Ms. Melvena Taylor
First Interstate Bank
Personal Financial Management Div.
5000 Birch St., #10200
Newport Beach, CA 92660-2115

RE: **Scotsman Corp. site characterization report and remediation plan, 6055 Scarlett Ct., Dublin**

Dear Ms. Taylor:

The Alameda County Department of Environmental Health, Hazardous Materials Division, has reviewed Groundwater Resources' report on the site shown above, and concurs that groundwater remediation should be accomplished as soon as possible. The system proposed, including the installation of a 6-inch extraction well and treatment via an oxidation process, appears adequate and is acceptable to this office. We understand that the system will be operational during the spring of 1990.

Throughout the remediation/final planning process, Scotsman will need to continue submitting monitoring and progress reports to this office and to the San Francisco Bay Regional Water Quality Control Board. Discharge of treated effluent must be closely coordinated with the Dublin-San Ramon Services District. Finally, we will require remediation to continue until the level of benzene in extracted groundwater is consistently below 1.0 part per billion (ppb).

If you have any questions about this letter, please contact the undersigned at (415) 271-4320.

Sincerely,

Gil Wistar
Hazardous Materials Specialist

c: Chris Ingram, Scotsman Corp. (2550 E. 68th St., Long Beach, CA 90805)
Tim Reed, Groundwater Resources (P.O. Box 9383, Bakersfield, CA 93389)
Lester Feldman, RWQCB
Rafat A. Shahid, Asst. Agency Director, Environmental Health files



RO616

September 19, 1989

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

Mr. Craig Ware
Staff Geologist
LeRoy Crandall & Assoc.
900 Grand Central Ave.
Glendale, CA 91201

Dear Mr. Ware:

As requested in your letter dated August 3, 1989 pertaining to six sites in Pleasanton and Dublin, California, the Hazardous Materials Division has reviewed its hazardous waste generator, underground tank, Proposition 65, and site mitigation files for each of these sites. This file review yielded the following information.

1. Nuclepore Corp., 7035 Commerce Cir., Pleasanton.
This facility was last inspected on March 30, 1989. Minor violations were noted, mostly in the area of hazard prevention and contingency planning. The company submitted a written plan to correct all violations noted. The files contain no information on groundwater below the facility, which has no underground storage tanks.
2. Dublin-San Ramon Services District Wastewater Treatment Facility, Pleasanton.
We have no record on this facility.
3. Former Camp Parks sewage disposal ponds, Pleasanton.
We have no record on this facility.
4. Camp Park/Onizuka Air Force Base, Pleasanton.
We have no record on this facility.
5. Scotsman Corp., 6055 Scarlett Ct., Dublin.
This facility is currently undergoing a soil and groundwater characterization. Two 500-gal. gasoline tanks were removed from the site on October 23, 1987, and a leak was found in one of the tanks. Soil borings and one monitoring well were drilled in the immediate vicinity of the removal site soon after the tanks' removal; six additional monitoring wells were installed in late May 1989. Little vadose-zone contamination was found, but dissolved hydrocarbons were present in all wells at up to 76 ppm. The groundwater gradient was calculated at 2.7 feet per 1000 ft., towards 20 degrees west of south. One monitoring well, upgradient of the tank pit, showed a pH of 2; no explanation is yet available for this anomaly. Further plume characterization and remediation is ongoing at this site.

(RO616)

Mr. Craig Ware
September 19, 1989
Page 2 of 2

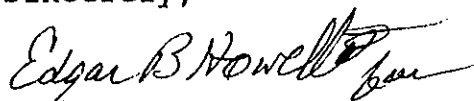
6. Rental World, Inc., 6457 Dublin Ct., Dublin.

This facility was last inspected on May 12, 1988, and no major violations of state law were found. Two 2,000-gal. underground tanks were installed here in early 1987, one unleaded and one diesel; the facility also has an above-ground storage tank for waste oil. The underground tanks were issued interim operating permits on April 18, 1988. Three underground tanks were removed on February 6, 1987, one leaded gasoline, one diesel, and the other waste oil. Soil sample results from the removal came up "ND," and no further environmental investigation was required. The company has a settling pit for dirt cleaned off returned rental equipment. The sludge in this pit was tested and found to contain metals below the state's TTLC, and oil/grease at 9,300 ppm. Based on a bioassay test, the Toxic Substances Control Division of DOHS determined the material to be nonhazardous under state law.

This letter contains information limited to files in this office, and does not reflect information that may be available from other agencies or parties. You will be billed for provision of this service; enclosed is a copy of the invoice sent to our Billing Department.

If you have any questions concerning this letter, please contact Gil Wistar, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,



Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:GW:mam

Enclosure

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0616

Certified mailer # P 833 981 256

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

March 28, 1989

Mr Stephen Hendrickson
Scotsman Corp.
2501 Fruitvale
Bakersfield, CA 93308

Re: Contamination from former underground storage tanks, 6055
Scarlett Ct., Dublin, CA

Dear Mr. Hendrickson:

The Alameda County Department of Environmental Health, Hazardous Materials Division, has reviewed the report prepared by Groundwater Resources, Inc. on the above site. Based on information in this report, we have determined that more work needs to be done at the site to: 1) define the extent of the groundwater pollution plume and further characterize soil contamination; 2) determine site-specific hydrologic factors such as hydraulic conductivity and gradient in the shallow aquifer; and 3) prepare a remediation plan.

Groundwater samples from well MW-1 indicate high levels of benzene and total petroleum hydrocarbons that appear to be dissolved in groundwater. In order to define the contaminant plume that has likely spread from the tank pit, a series of monitoring/extraction wells should be installed around the perimeter of the pit. These wells should follow the guidelines established by the San Francisco Bay Regional Water Quality Control Board (RWQCB). Filter pack and slot sizes for all wells should be based on particle analysis (ASTM D-422) from each stratigraphic unit in at least one boring from the site. Well MW-1 and all new wells should be surveyed to mean sea level. We are requiring water samples to be collected and analyzed every two months.

In addition, we request that you record water levels in all monitoring wells monthly; water level data, contour maps, and gradient determinations should be submitted routinely to this office along with sampling results. Please also submit information on hydrogeological characteristics of the shallow aquifer, including vertical transmissivity, particle analysis of clays, and pollution migration patterns.

The four soil borings indicate that soils to the west and east of the pit may not have been affected by contaminant migration. However, because boring B-3 to the south of the pit shows some soil contamination, the soil between this boring and the pit needs to be characterized. Additionally, there is no information on soils (or

Stephen Hendrickson
March 28, 1989
Page 2 of 2

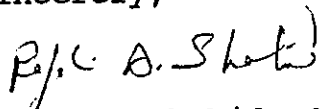
groundwater) under the concrete pad on the north side of the pit, and this should be provided as part of the investigation.

In addition to carrying out the above investigative work, you will need to develop a remediation plan for the site. Dissolved constituents in groundwater and soils that are contaminated should be remediated such that beneficial uses of groundwater and surface water are restored and protected according to policies established by the State Water Resources Control Board. Once the groundwater plume has been defined, you should develop a plan to clean up the water within it to at least the action level for benzene in drinking water (0.7 ppb). Aquifer test data (pump or slug testing) should be used to determine aquifer characteristics and the capture zone(s) of extraction system(s). An appropriate monitoring program will be required to verify the effectiveness of remedial actions.

In connection with this investigative and remedial work, you will need to submit monthly reports, for the next three months, to this office, with the first report due on May 1, 1989. Monthly reports will incorporate the results of water level and gradient determinations; gradient maps; water quality sampling data; and contaminant plume maps. Quarterly reports will also need to be submitted, beginning on August 1, 1989. These reports will describe the status of the investigation and cleanup and should include results of all work performed during the quarter, interpretation of these results, and plans for additional investigative work and remediation. All reports must be signed by a Certified Engineering Geologist, Registered Geologist, or Professional Engineer (civil), who is certified in the state of California.

You will need to submit an additional deposit of \$500 to cover the costs that the Division of Hazardous Materials incurs during remediation oversight. If you have any questions about this letter or about remediation requirements established by the RWQCB, please contact Gil Wistar, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,



Rafat A. Shahid, Chief
Hazardous Materials Division

cc: Rex Young, Groundwater Resources, Inc.
Doug Krause, DOHS
Lisa McCann, RWQCB
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

R0616

November 16, 1988

Telephone Number: (415) 271-4320

Rex Young
Groundwater Resources, Inc.
P.O. Box 9383
Bakersfield, CA 93389

Dear Mr. Young:

This letter is in response to your letter dated October 21, 1988 concerning the contamination at the Scotsman facility located at 6055 Scarlett Ct. in Dublin, CA. This office has reviewed your plan of correction and consider that your company is proceeding in the proper direction to characterize the situation and to correct the ground contamination that was detected. We hope that this matter will be resolved expeditiously. Please also submit soil analysis reports as they become available.

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

Sincerely,

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:tfp

cc: H. Kazemi, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0616

Certified Mailer #P 759 896 323

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, Third Floor
Oakland, California 94612
(415) 271-4320

May 20, 1988

Scotsman Co.
6055 Scarlett Ct.
Dublin, CA 94568

***** FINAL NOTICE OF VIOLATION *****

We have received the report of analytical results from the soil sampling that was performed at your facility during the removal of the two tanks on October 23, 1987. The sample was analyzed for total hydrocarbon and was found to contain up to 150 parts per million.

A. Please complete and submit the form titled "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report." This report must be filed immediately with the Health Agency. A copy is enclosed for your convenience.

B. You will need to obtain professional services from a reputable engineering/consulting firm.

The responsibility of your consultant will be to establish the extent of contamination and provide professional judgment/recommendations, based on scientific data, of the necessary remedial actions needed. A plan and time schedule for investigation should be submitted to this agency within thirty (30) days.

The following is a summary of the steps your consultant should take to evaluate the problem.

1. Preliminary Assessment
 - results of initial work done
 - proposal for the delineation of the site's contamination
 - site history

Scotsman Co.
6055 Scarlett Ct.
Dublin, CA 94568
May 20, 1988
Page 2 of 2

2. Site Investigation

- site geology and hydrogeology
- definition of lateral and vertical extent of contamination including soil and groundwater
- evaluation of mitigation alternatives

3. Final Remedial Plan

- plans for the removal of soil contaminants and recovery of fuel product and removal of dissolved constituents from the groundwater
- details and time frame for implementing the various remedial phases

C. Submit \$450.00 deposit for Health Agency costs.

If the requested information is not submitted within thirty (30) days, this case will be referred to the District Attorney for enforcement.

Should you have any questions concerning this matter, please contact Mr. Storm Goranson, Hazardous Materials Specialist at 271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SG:mam

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division

Enclosure

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS, AGENCY
XXXXXXXXXXXXX Agency Director



Robilb

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

January 25, 1988

Scottsman Company
6055 Scarlett Ct.
Dublin, CA 94568
Att: Harvey Rodriguez

SUBJECT: Underground Storage Tank Unauthorized Release
(Leak)/Contamination Site Report

Dear Mr. Rodriguez:

Our office received a closure report dated November 19, 1987. The California Administrative Code, Title 23, requires all unauthorized releases to be reported. Section 2652(b) requires within 5 working days of detecting the release, the operator or permittee shall submit to the local agency (Alameda County Hazardous Materials Division) a full written report to include all of the following information which is known at the time of filing the report:

1. List of type and quantity of hazardous substances released.
2. The results of all investigations completed at that time to determine the extent of soil or ground water or surface water contamination due to the release.
3. Method of clean-up implemented to date, proposed clean-up actions, and approximate cost of actions taken to date.
4. Method and location of disposal of the released hazardous substance and any contaminated soils or ground water or surface water (indicate whether a hazardous waste manifest(s) is utilized).
5. Proposed method of repair or replacement of the primary and secondary containers.
6. Facility operator's name and telephone number.

Until clean-up is complete, the operator or permittee shall submit reports to the County and the Regional Water Quality Control Board (RWQCB) every 3 months or at a more frequent interval if specified by either agency. The reports shall include the information requested in (2), (3), and (4) of the above. The report requested above shall be prepared in accordance with the San Francisco Regional Water Quality Control Board's "Guidelines for Addressing Fuel Leaks", September 1985. The initial investigation report shall be submitted within 30 days and shall include a site safety plan.

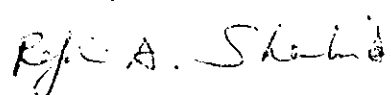
ROBIB

Scotsman Company
UGT Unauthorized Leak/
Contamination Site Report
January 25, 1988

In addition, a deposit of \$450.00 must be submitted from which Health Agency costs will be deducted at \$53.00 per hour. Enclosed is an "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" which should be completed and returned within 5 working days.

Should you have any questions regarding this letter, please contact Mr. Storm Goranson, Hazardous Materials Specialist at (415) 874-7237.

Sincerely,



Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SG:mam

cc: File

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS, AGENCY
~~XXXXXXXXXXXX~~ DIRECTOR, Agency Director



- EXACT ADDRESS UNKNOWN

- IN ENVISION: (R06167) (2)

"Scotsman Group" at
6055 Scarlett Ct. Dublin

por
312

January 13, 1988

Geonomics Inc.
100 West Rincon Ave., Ste. 212
Campbell, CA 95008

SUBJECT: Scotsman Company, Dublin CA - Underground Storage Tank
Unauthorized Release (Leak)/Contamination Site Report

Dear Sirs:

Our office received a closure report dated November 19, 1987. The California Administrative Code, Title 23, requires all unauthorized releases to be reported. Section 2652(b) requires within 5 working days of detecting the release, the operator or permittee shall submit to the local agency (Alameda County Hazardous Materials Division) a full written report to include all of the following information which is known at the time of filing the report:

1. List of type and quantity of hazardous substances released.
2. The results of all investigations completed at that time to determine the extent of soil or ground water or surface water contamination due to the release.
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4. Method and location of disposal of the released hazardous substance and any contaminated soils or ground water or surface water (indicate whether a hazardous waste manifest(s) is utilized).
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Geonomics Inc.
Scotsman Co., Dublin
UGT Unauthorized Leak/
Contamination Site Report
January 13, 1988

In addition, a deposit of \$450.00 must be submitted from which Health Agency costs will be deducted at \$53.00 per hour.

Enclosed is an "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" which should be completed and returned within 5 working days. Should you have any questions regarding this letter, please contact Mr. Storm Goranson, Hazardous Materials Specialist at (415) 874-7237.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SG:mam

cc: File

Enclosure