D & D Management Consultants, Inc.
6440 Hesket Court
San Jose, CA 95123
(408) 227-0308

90 JUN 14 AM 10:17

June 12, 1990

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

Attention: Mr. Scott Seary

Subject: Initial Site Investigation at, 20697 Parkway, Castro Valley, CA

Dear Mr. Seary:

D & D Management Consultants, Inc. has been retained by the responsible parties associated with the subject leak investigation to undertake the Initial Site Investigation work.

Attached for your review and approval is the proposed work plan.

Enclosed in appendix "A" is the resume of Mr. Lou Richardson.

If you have any questions please call.

Very Truly Yours,

Paul Dzakowic
President

Lou Richardson
EG 1085

REGISTERED GEOLOGIST
LOUIS A. RICHARDSON
No. EG 1085
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

cc Mr. Lester Feldman
Regional Water Quality Control Board
1111 Jackson St., Room 6000
Oakland, CA 94607
w/enclosure

Mr. Jim Craig
Castro Valley Autohaus
20697 Parkway
Castro Valley, CA
w/enclosure

PTD:sed

Initial Site Investigation

For

Castro Valley Autohaus
20697 Parkway
Castro Valley, CA

I Introduction

A Scope of Work

A geologic investigation will be undertaken by installing one groundwater monitoring well in a downgradient position from the recently removed storage tanks. This groundwater monitoring well will be used to determine if the groundwater has be impacted by a unauthorized release from the removed underground tanks.

B Site Location

The site is located at 20697 Parkway in Castro Valley, CA. It is located on the north corner of the intersection of Parkway and San Carlos.

C Background

On November 11, 1989 two 1,000 gallon underground waste oil tanks were removed from the site. The underground tanks had several large holes. After removal of the tanks approximately 10 cubic yards of surrounding soil and backfill was removed. Soil samples were taken on the side walls and bottom of the excavation. Minor soil contamination was found to be left in the unexcavated soil. See Appendix "B" for laboratory results.

D Site History

1 The business activities at the site are presently an automobile repair facility. In the past the property was used as an auto body shop and a convenience market.

2 The site being utilized as an automobile repair facility on November 11, 1989 the tanks were removed. Several large holes were visible. The tanks were constructed of steel and each tank has a capacity of 1,000 gallons. Approximately

630 gallons of waste was removed from within the tanks and disposed of. (See Appendix "C" for manifests) The unauthorized release form is included in Appendix "D". The tanks were not tested previously and no inventory reconciliation records are available. The quantity of product lost in unknown. No other tanks or spills have occurred at this site. No previous subsurface work has been undertaken at this site. Adjacent sites located at 2504 Castro Valley Blvd. and 2896 Castro Valley Road have had subsurface work performed.

II Site Description

A Vicinity and site maps are included in Appendix "E"

B The existing soil contamination is included in Appendix "F"

III Extent of Soil Contamination

A At this time no additional work will be undertaken to determine if soil contamination is located outside of the previously removed soil.

IV Groundwater Contamination

A Placement of Monitoring Well

The placement of the monitoring well is indicated on the Site Map contained in Appendix "G"

B Groundwater Monitoring Well Construction Details

1 Well Diameter - 2", material of casing & screen will be schedule 40 PVC - threaded with the screened portion having a slot size of 0.020".

2 Borehole Diameter - 8", the well will be installed using a continuous flight hollow stem auger.

3 Gravel Pack - will be No. 3 aquarium sand and will cover the full length of the screened interval.

4 Annular Seal - will be concrete.

5 Gravel Pack Material - Dry filter pack material will be placed by free-fall within the hollow stem auger (HSA). The HSA will be left on the bottom of the hole while the pack material is being placed. The pack will be placed in lifts and, following the introduction of sufficient

volume of pack material, the pack will be sounded and any bridges will be broken by utilizing a capped 1" schedule 40 pipe. The placement of the annular seal will be placed through the HSA. The HSA will be filled with grout (concrete) to the ground surface and then a section of HSA will be removed. This process is repeated until all HSAs have been removed.

6 Contaminated Material Storage - Soil and water generated during the well installation will be drummed and labeled with the source of the soil and groundwater to help ensure appropriate disposal based on contamination levels.

7 Screen and Pack Sizing - The proposed combination of a slot size of 0.020" and the use of No. 3 Aquarium Sand as the gravel pack will provide a greater permeability and hold out 80 to 90 percent of the gravel pack. This combination will provide 2.38 square inches of intake area or 0.72 gallons per minute per foot of intake screen. For the purpose of obtaining water quality samples, water level measurements and required casing strength we have found, in similar instances this to be acceptable.

C Soil Sampling Procedures

1 The hole will be carefully logged and soil samples will be obtained, starting at five feet below grade and at every five feet to the water table at changes of lithology and areas of obvious contamination. When water is encountered, a water sample will be taken.

2 Soil samples for the well will be collected by driving a California type drive sampler. Upon collection, the brass sample tube will be capped on both ends with aluminum foil to cover the ends of the sampling tube and then sealed with an air-tight cap on each end. These samples will be immediately placed in a refrigerated ice chest for transport to the laboratory. Formal chain-of-custody records will be maintained for all samples.

D Well Development

1 The monitoring well will be developed to clean the well and to stabilize the sand, gravel, and aquifer materials around the screens or perforations. Well development will be accomplished by gentle bailing, and surging. Well development shall continue until

the well is thoroughly developed and free of sand and silt. This method of development is less likely to damage the well screen or introduce foreign contaminates into the well.

E Water Sampling

1 After the monitoring well has been developed and allowed to stabilize for 24 hours, a groundwater sample will be taken utilizing a teflon bailer. The bailer will be properly cleaned between uses to prevent cross contamination between wells. Trip blanks will be provided by the laboratory when sample bottles are obtained. The trip blanks will be analyzed by the laboratory for purgeable halocarbons and organic lead.

2 Measurement of free product floating on the surface of groundwater will not be performed until the well has been allowed to stabilize for a least 24 hours after development. A sample will be collected that is indicative of the thickness of floating product within the monitoring well. This will be accomplished by the use of a clear, acrylic bailer designed to collect a liquid sample where free product and groundwater meet.

3 Equipment decontamination procedure to be used prior to initial sampling will include the following:

a Non-phosphate detergent rinse

b Tap water rinse

c Deionized/distilled water rinse

4 Prior to taking water samples the well will be bailed to remove 4 to 10 volumes of water. When the well has recovered to approximately 80% of its initial water level a sample will be taken to verify the PH, conductance and temperature has stabilized.

F Chemical Analysis

1 Laboratory analysis of both water and soil samples will be analyzed by IT Analytical Services San Jose, based upon the following methods:

Soil Analysis	Water Analysis
Volatile Organics - 8420	Purgeable Halocarbons - 601
Soluble Lead	Organic Lead

V Site Safety Plan

A Key Personnel, Paul Dzakowic - Site Safety and Health officer. Lou Richardson - alternate.

B One fire extinguisher will be on site.

C Level C protective clothing will be available to workers on the job site.

D If significant contamination is found all elements specified in 29 CFR 1910.120 (i) (2) (i), will be followed.

E Welding, smoking and ignition sources will be prohibited at the tank site.

F A brief site safety meeting will be conducted with all employees prior to commencement of work. All items in the site safety plan will be reviewed.

G In the event that a worker is injured or becomes ill to the exposure of hazardous materials, the person will be taken by private vehicle or ambulance to the nearest hospital emergency room. The designated hospital for this project is:

Eden Hospital Medical Center
20103 Lake Chabot Road
Castro Valley, CA
(415) 537-1234

Appendix A

LOUIS A. RICHARDSON
Consulting Engineering Geologist
202 Jason Way
Mountain View, California 94043
(415) 967-1000

Registered Geologist • Certified Engineering Geologist • California and Oregon

RESUME

Registrations: Registered Geologist in California
Certified Engineering Geologist in California
Registered Geologist and Engineering Geologist in Oregon

Education: Bachelor of Science in Geosciences, hydrogeology emphasis
University of Arizona.

Memberships: Association of Groundwater Scientists and Engineers
Association of Engineering Geologists
Geological Society of America

Professional Background:

1981 to present - Professional Consultant, Mountain View, California. Established in independent practice as a professional engineering geologic and hydrogeologic consultant for a broad base of clients including geotechnical engineering firms, waste management services, municipalities, insurance companies, attorneys, planners and architects. Projects have involved regional and detailed geologic and hydrogeologic investigations, geologic hazard mitigation and remediation, landslide investigation and restoration, aquifer characterization, detection and monitoring of contamination in the geologic-hydrogeologic environment, environmental site assessments and expert testimony in litigation. Services provided include project planning, coordination and supervision of project and support operations, acquisition and evaluation of data and preparation and presentation of required professional reports.

1978 to 1981 - Senior Engineering Geologist, Cleary Consultants, Inc., Consulting Engineers and Geologists, Los Altos, California. Responsible for performing and managing geologic field and office studies on a variety of projects in California and Nevada. Included among numerous commercial and residential projects were geologic and environmental assessments for several quarry reclamation plans and reconnaissance mapping and leakage evaluation for a large hydroelectric development project in the Sierra Nevada.

1967 to August 1978 - Engineering Geologist, W. A. Wahler and Associates, Inc., Geotechnical Consultants, Palo Alto, California. Participated in projects throughout the United States that involved landslides and dam failures, evaluation of groundwater contamination potential from mining refuse and uranium tailings dams, determining effects on groundwater quality and recharge from mine dewatering operations and geotechnical studies for large earth and rock dams, open pit and underground hardrock and coal mines, and pipeline and tunnel projects.

Addendum to Resume

SELECTED GROUNDWATER AND ENVIRONMENTAL INVESTIGATIONS

As an engineering geologist experienced in hydrogeologic practices, Mr. Richardson has participated in many groundwater and environmental investigations requiring groundwater distribution and flow studies, well installations for monitoring and pumping purposes, and specialized sampling procedures. Among those projects are:

Carr Fork Mine Wastewater Disposal Project, Toole County, Utah - Extensive investigation involving installation of a network of wells to monitor infiltration and quality of wastewater from dewatering operations of a large, underground copper mine.

Cotter Mill Tailings Impoundment, Canon City, Colorado - Detailed investigation for determining the extent of groundwater contamination from a large uranium-vanadium processing facility and seepage evaluation studies for enlargement of an existing tailings retention pond.

Cyanide Spill, Santa Clara County, California - Design and installation of wells for sampling groundwater and soils an site of a hazardous waste spill at a metals extraction facility.

Eastlake Landfill Assessment, Lake County, California - Investigation involving considerable subsurface exploration and installation of monitoring wells to assess geologic and groundwater conditions and quality for operating permit renewal of a large landfill.

De Lamar Silver Mine, Owyhee County, Idaho - Site investigation and seepage evaluation for a proposed retention facility for cyanide-treated mill tailings. The study included sampling for existing groundwater contamination in an abandoned mining district and development of a water supply for the mill.

Landfill Leachate and Groundwater Monitoring Program, San Mateo County, California - Design and installation of a monitoring well network for a municipal landfill adjacent to tidal flats of San Francisco Bay.

Gasoline Station Chain Environmental Assessments, Alameda, Sonoma, Marin, San Francisco and Santa Clara counties, California - Determination of soils and groundwater quality at existing service stations of a major retailer. The project involved evaluation of geologic and hydrogeologic conditions, including installation of monitoring wells and analyses of contamination.

Mt. Taylor Tailings Facility, New Mexico - Geologic studies, field investigations and groundwater quaility evaluations for two proposed tailings impoundments in a major uranium field in northwestern New Mexico.

Appendix B

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

CERTIFICATE OF ANALYSIS

D & D Management
6440 Hesket Court
San Jose, CA 95123
ATTN: Paul Dzakowic

Date: December 27, 1989

Work Order Number: S9-11-366

P.O. Number: Verbal

This is the Certificate of Analysis for the following samples:

Client Project ID:	Castro Valley Auto Haus, 20697 Parkway
Date Received by Lab:	11/30/89
Number of Samples:	6
Sample Type:	Soil

The methods of analysis for metals and general chemistry are taken from E.P.A. protocol, using methods from SW-846, 3rd Edition or Methods for Chemical Analysis of Water and Wastes, 600/4-79-020. The method used is listed adjacent to the parameter in the table.

The method of analysis for volatile organics is taken from E.P.A. Methods 601, 602, 8010 and 8020. Samples are examined using the purge and trap technique. Final detection is by gas chromatography using a photoionization detector and an electrolytic conductivity detector in series.

The method of analysis for low boiling hydrocarbons is taken from EPA Methods 8015 and 5030. The sample is examined using the purge and trap technique. Final detection is by gas chromatography using a flame ionization detector as well as a photoionization detector. The result for total low boiling hydrocarbons is calculated as gasoline.

The method of analysis for high boiling hydrocarbons involves extracting the samples with solvent and examining the extracts by gas chromatography using a flame ionization detector.

The method of analysis for oil and grease is taken from Standard Methods for the Examination of Water and Wastewater, Section 503E. Samples are extracted with repeated portions of solvent and the extract is treated with silica gel to remove polar compounds. The extract is evaporated and oil and grease is determined gravimetrically.

Continued. . .

The method of analysis for polychlorinated biphenyl mixtures involves diluting or extracting the sample with solvent. The resulting extract is cleaned-up to remove interferences and examined by gas chromatography using an electron capture detector.

Any of the following polychlorinated biphenyl mixtures would have been detected had it been present at or above the limit of detection: Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262 and 1268.

The method of analysis for semi-volatile organics is taken from E.P.A. Methods 625 and 8270. The samples are extracted with solvent and concentrated. Final detection is by gas chromatography/mass spectrometry.

Creosote is a complex mixture. Identification and quantitation is done using the seven most prevalent polynuclear aromatic hydrocarbons.

Results for organic chemical parameters in soils have been corrected for moisture content and are reported on a dry soil basis unless noted otherwise. Results for inorganic chemical parameters have not been corrected for moisture content.

Reviewed and Approved

David A. Vichette
Project Manager

DAP/an
21 Pages Following - Tables of Results

Date: December 27, 1989
Client Project ID: Castro Valley
Auto Haus, 20697 Parkway

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' North side of Excav.
Sample Date: 11/29/89
Lab Sample ID: S9-11-366-01
Receipt Condition: Cool

Low Boiling Hydrocarbons Extraction Date: 12/5/89
Low Boiling Hydrocarbons Analysis Date: 12/7/89

High Boiling Hydrocarbons Extraction Date: 12/6/89
High Boiling Hydrocarbons Analysis Date: 12/8/89

Oil & Grease Extraction Date: 12/6/89
Oil & Grease Analysis Date: 12/6/89

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020
Standard Methods, 503E

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Low Boiling Hydrocarbons, calculated as Gasoline	2.5	None
High Boiling Hydrocarbons, calculated as Diesel	5.	None
Oil and Grease	50.	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' North side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-01
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/11/89

Volatile Halocarbons - E.P.A. Methods 601/ 8010

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Bromodichloromethane	0.05	None
Bromoform	0.05	None
Bromomethane	0.05	None
Carbon tetrachloride	0.05	None
Chlorobenzene	0.05	None
Chloroethane	0.05	None
2-Chloroethylvinyl ether	0.05	None
Chloroform	0.05	None
Chloromethane	0.05	None
Dibromochloromethane	0.05	None
1,2-Dichlorobenzene	0.05	None
1,3-Dichlorobenzene	0.05	None
1,4-Dichlorobenzene	0.05	None
Dichlorodifluoromethane	0.05	None
1,1-Dichloroethane	0.05	None
1,2-Dichloroethane	0.05	None
1,1-Dichloroethene	0.05	None
cis-1,2-Dichloroethene	0.05	None
trans-1,2-Dichloroethene	0.05	None
1,2-Dichloropropane	0.05	None
cis-1,3-Dichloropropene	0.05	None
trans-1,3-Dichloropropene	0.05	None
Methylene Chloride	0.05	None
1,1,2,2-Tetrachloroethane	0.05	None
Tetrachloroethene	0.05	None
1,1,1-Trichloroethane	0.05	None
1,1,2-Trichloroethane	0.05	None
Trichloroethene	0.05	None
Trichlorofluoromethane	0.05	None
1,1,2-Trichlorotrifluoroethane	0.05	None
Vinyl Chloride	0.05	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' North side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-01
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/11/89

Volatile Aromatics - E.P.A. Methods 602, 8020

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Benzene	0.05	None
Toluene	0.05	None
Ethyl benzene	0.05	None
Xylenes (total)	0.2	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' South side of Excav.
Sample Date: 11/29/89
Lab Sample ID: S9-11-366-02
Receipt Condition: Cool

Low Boiling Hydrocarbons Extraction Date: 12/5/89
Low Boiling Hydrocarbons Analysis Date: 12/7/89

High Boiling Hydrocarbons Extraction Date: 12/6/89
High Boiling Hydrocarbons Analysis Date: 12/8/89

Oil & Grease Extraction Date: 12/6/89
Oil & Grease Analysis Date: 12/6/89

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020
Standard Methods, 503E

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Low Boiling Hydrocarbons, calculated as Gasoline	2.5	None
High Boiling Hydrocarbons, calculated as Diesel	5.	None
Oil and Grease	50.	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' South side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-02
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/11/89

Volatile Halocarbons - E.P.A. Methods 601, 8010

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Bromodichloromethane	0.05	None
Bromoform	0.05	None
Bromomethane	0.05	None
Carbon tetrachloride	0.05	None
Chlorobenzene	0.05	None
Chloroethane	0.05	None
2-Chloroethylvinyl ether	0.05	None
Chloroform	0.05	None
Chloromethane	0.05	None
Dibromochloromethane	0.05	None
1,2-Dichlorobenzene	0.05	None
1,3-Dichlorobenzene	0.05	None
1,4-Dichlorobenzene	0.05	None
Dichlorodifluoromethane	0.05	None
1,1-Dichloroethane	0.05	None
1,2-Dichloroethane	0.05	None
1,1-Dichloroethene	0.05	None
cis-1,2-Dichloroethene	0.05	None
trans-1,2-Dichloroethene	0.05	None
1,2-Dichloropropane	0.05	None
cis-1,3-Dichloropropene	0.05	None
trans-1,3-Dichloropropene	0.05	None
Methylene Chloride	0.05	0.45
1,1,2,2-Tetrachloroethane	0.05	None
Tetrachloroethene	0.05	None
1,1,1-Trichloroethane	0.05	None
1,1,2-Trichloroethane	0.05	None
Trichloroethene	0.05	None
Trichlorofluoromethane	0.05	None
1,1,2-Trichlorotrifluoroethane	0.05	None
Vinyl Chloride	0.05	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' South side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-02
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/13/89

Volatile Aromatics - E.P.A. Methods 602, 8020

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Benzene	0.05	None
Toluene	0.05	None
Ethyl benzene	0.05	None
Xylenes (total)	0.2	None

Date: December 27, 1989
Client Project ID: Castro Valley
Auto Haus, 20697 Parkway

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' East side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-03
Receipt Condition: Cool

Results - Milligrams per Kilogram

Parameter	E.P.A. Method	Detection Limit	Detected
Cadmium	6010	0.25	None
Chromium	6010	0.50	42.
Lead	6010	1.5	53.
Zinc	6010	0.50	67.

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' East side of Excav.
Sample Date: 11/29/89
Lab Sample ID: S9-11-366-03
Receipt Condition: Cool

Low Boiling Hydrocarbons Extraction Date: 12/5/89
Low Boiling Hydrocarbons Analysis Date: 12/12/89

High Boiling Hydrocarbons Extraction Date: 12/6/89
High Boiling Hydrocarbons Analysis Date: 12/8/89

Oil & Grease Extraction Date: 12/6/89
Oil & Grease Analysis Date: 12/6/89

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020
Standard Methods, 503E

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Low Boiling Hydrocarbons, calculated as Gasoline	2.5	None
High Boiling Hydrocarbons, calculated as Diesel	5.	None
Oil and Grease	50.	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' East side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-03
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/11/89

Volatile Halocarbons - E.P.A. Methods 601, 8010

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Bromodichloromethane	0.05	None
Bromoform	0.05	None
Bromomethane	0.05	None
Carbon tetrachloride	0.05	None
Chlorobenzene	0.05	None
Chloroethane	0.05	None
2-Chloroethylvinyl ether	0.05	None
Chloroform	0.05	None
Chloromethane	0.05	None
Dibromochloromethane	0.05	None
1,2-Dichlorobenzene	0.05	None
1,3-Dichlorobenzene	0.05	None
1,4-Dichlorobenzene	0.05	None
Dichlorodifluoromethane	0.05	None
1,1-Dichloroethane	0.05	None
1,2-Dichloroethane	0.05	None
1,1-Dichloroethene	0.05	None
cis-1,2-Dichloroethene	0.05	None
trans-1,2-Dichloroethene	0.05	None
1,2-Dichloropropane	0.05	None
cis-1,3-Dichloropropene	0.05	None
trans-1,3-Dichloropropene	0.05	None
Methylene Chloride	0.05	None
1,1,2,2-Tetrachloroethane	0.05	None
Tetrachloroethene	0.05	None
1,1,1-Trichloroethane	0.05	None
1,1,2-Trichloroethane	0.05	None
Trichloroethene	0.05	0.07
Trichlorofluoromethane	0.05	None
1,1,2-Trichlorotrifluoroethane	0.05	None
Vinyl Chloride	0.05	None

Date: December 27, 1989
Client Project ID: Castro Valley
Auto Haus, 20697 Parkway

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' East side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-03
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/13/89

Volatile Aromatics - E.P.A. Methods 602, 8020

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Benzene	0.05	None
Toluene	0.05	None
Ethyl benzene	0.05	None
Xylenes (total)	0.2	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' East side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-03
Receipt Condition: Cool
Extraction Date: 12/7/89
Analysis Date: 12/8/89

Polychlorinated Biphenyl Mixtures

Results - Parts per Million

Lab Sample ID	Client Sample ID	Aroclor Detected	Amount Detected
S9-11-366-03	7' East side of Excav.	None	None
Detection Limit			0.2

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' East side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-03
Receipt Condition: Cool
Extraction Date: 12/7/89
Analysis Date: 12/17/89

Semi-Volatile Organics -E.P.A. Methods 625, 8270; Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected	Parameter	Detection Limit	Detected
Naphthalene	0.39	None	Pyrene	0.39	None
2-Methylnaphthalene	0.39	None	Benzo(a)anthracene	0.39	None
Acenaphthylene	0.39	None	Chrysene	0.39	None
Acenaphthene	0.39	None	Benzo(b)fluoranthene	0.39	None
Fluorene	0.39	None	Benzo(k)fluoranthene	0.39	None
Pentachlorophenol	1.9	None	Benzo(a)pyrene	0.39	None
Phenanthrene	0.39	None	Indeno(1,2,3-cd)pyrene	0.39	None
Anthracene	0.39	None	Dibenzo(a,h)anthracene	0.39	None
Fluoranthene	0.39	None	Benzo(g,h,i)perylene	0.39	None
			Creosote	3.9	None

Surrogates	Limits	% Rec	Surrogates	Limits	% Rec
Nitrobenzene-d5	23-120	78.	Phenol-d5	24-113	78.
2-Fluorobiphenyl	30-115	73.	2-Fluorophenol	25-121	85.
Terphenyl-d14	18-137	79.	2,4,6-Tribromophenol	19-122	92.

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' West side of Excav.
Sample Date: 11/29/89
Lab Sample ID: S9-11-366-04
Receipt Condition: Cool

Low Boiling Hydrocarbons Extraction Date: 12/5/89
Low Boiling Hydrocarbons Analysis Date: 12/12/89

High Boiling Hydrocarbons Extraction Date: 12/6/89
High Boiling Hydrocarbons Analysis Date: 12/8/89

Oil & Grease Extraction Date: 12/6/89
Oil & Grease Analysis Date: 12/6/89

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020
Standard Methods, 503E

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Low Boiling Hydrocarbons, calculated as Gasoline	2.5	None
High Boiling Hydrocarbons, calculated as Diesel	5.	None
Oil and Grease	50.	None

Date: December 27, 1989
Client Project ID: Castro Valley
Auto Haus, 20697 Parkway

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' West side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-04
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/11/89

Volatile Halocarbons - E.P.A. Methods 601, 8010

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Bromodichloromethane	0.05	None
Bromoform	0.05	None
Bromomethane	0.05	None
Carbon tetrachloride	0.05	None
Chlorobenzene	0.05	None
Chloroethane	0.05	None
2-Chloroethylvinyl ether	0.05	None
Chloroform	0.05	None
Chloromethane	0.05	None
Dibromochloromethane	0.05	None
1,2-Dichlorobenzene	0.05	None
1,3-Dichlorobenzene	0.05	None
1,4-Dichlorobenzene	0.05	None
Dichlorodifluoromethane	0.05	None
1,1-Dichloroethane	0.05	None
1,2-Dichloroethane	0.05	None
1,1-Dichloroethene	0.05	None
cis-1,2-Dichloroethene	0.05	None
trans-1,2-Dichloroethene	0.05	None
1,2-Dichloropropane	0.05	None
cis-1,3-Dichloropropene	0.05	None
trans-1,3-Dichloropropene	0.05	None
Methylene Chloride	0.05	None
1,1,2,2-Tetrachloroethane	0.05	None
Tetrachloroethene	0.05	None
1,1,1-Trichloroethane	0.05	None
1,1,2-Trichloroethane	0.05	None
Trichloroethene	0.05	None
Trichlorofluoromethane	0.05	None
1,1,2-Trichlorotrifluoroethane	0.05	None
Vinyl Chloride	0.05	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 7' West side of Excav.

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-04
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/13/89

Volatile Aromatics - E.P.A. Methods 602, 8020

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Benzene	0.05	None
Toluene	0.05	None
Ethyl benzene	0.05	None
Xylenes (total)	0.2	None

Date: December 27, 1989
Client Project ID: Castro Valley
Auto Haus, 20697 Parkway

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 9.5 Bottom of West Tank
Sample Date: 11/29/89
Lab Sample ID: S9-11-366-05
Receipt Condition: Cool

Low Boiling Hydrocarbons Extraction Date: 12/5/89
Low Boiling Hydrocarbons Analysis Date: 12/12/89

High Boiling Hydrocarbons Extraction Date: 12/6/89
High Boiling Hydrocarbons Analysis Date: 12/8/89

Oil & Grease Extraction Date: 12/6/89
Oil & Grease Analysis Date: 12/6/89

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020
Standard Methods, 503E

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Low Boiling Hydrocarbons, calculated as Gasoline	2.5	None
High Boiling Hydrocarbons, calculated as Diesel	5.	None
Oil and Grease	50.	None

Date: December 27, 1989
Client Project ID: Castro Valley
Auto Haus, 20697 Parkway

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 9.5 Bottom of West Tank

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-05
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/11/89

Volatile Halocarbons - E.P.A. Methods 601, 8010

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Bromodichloromethane	0.05	None
Bromoform	0.05	None
Bromomethane	0.05	None
Carbon tetrachloride	0.05	None
Chlorobenzene	0.05	None
Chloroethane	0.05	None
2-Chloroethylvinyl ether	0.05	None
Chloroform	0.05	None
Chloromethane	0.05	None
Dibromochloromethane	0.05	None
1,2-Dichlorobenzene	0.05	None
1,3-Dichlorobenzene	0.05	None
1,4-Dichlorobenzene	0.05	None
Dichlorodifluoromethane	0.05	None
1,1-Dichloroethane	0.05	None
1,2-Dichloroethane	0.05	None
1,1-Dichloroethene	0.05	None
cis-1,2-Dichloroethene	0.05	None
trans-1,2-Dichloroethene	0.05	None
1,2-Dichloropropane	0.05	None
cis-1,3-Dichloropropene	0.05	None
trans-1,3-Dichloropropene	0.05	None
Methylene Chloride	0.05	None
1,1,2,2-Tetrachloroethane	0.05	None
Tetrachloroethene	0.05	None
1,1,1-Trichloroethane	0.05	None
1,1,2-Trichloroethane	0.05	None
Trichloroethene	0.05	None
Trichlorofluoromethane	0.05	None
1,1,2-Trichlorotrifluoroethane	0.05	None
Vinyl Chloride	0.05	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 9.5 Bottom of West Tank

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-05
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/11/89

Volatile Aromatics - E.P.A. Methods 602, 8020

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Benzene	0.05	None
Toluene	0.05	None
Ethyl benzene	0.05	None
Xylenes (total)	0.2	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 9.5 Bottom of East Tank
Sample Date: 11/29/89
Lab Sample ID: S9-11-366-06
Receipt Condition: Cool

Low Boiling Hydrocarbons Extraction Date: 12/5/89
Low Boiling Hydrocarbons Analysis Date: 12/12/89

High Boiling Hydrocarbons Extraction Date: 12/6/89
High Boiling Hydrocarbons Analysis Date: 12/8/89

Oil & Grease Extraction Date: 12/6/89
Oil & Grease Analysis Date: 12/6/89

Total Petroleum Hydrocarbons - Modified E.P.A. Methods 8015, 8020
Standard Methods, 503E

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Low Boiling Hydrocarbons, calculated as Gasoline	2.5	None
High Boiling Hydrocarbons, calculated as Diesel	5.	None
Oil and Grease	50.	None

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 9.5 Bottom of East Tank

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-06
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/11/89

Volatile Halocarbons - E.P.A. Methods 601, 8010

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Bromodichloromethane	0.05	None
Bromoform	0.05	None
Bromomethane	0.05	None
Carbon tetrachloride	0.05	None
Chlorobenzene	0.05	None
Chloroethane	0.05	None
2-Chloroethylvinyl ether	0.05	None
Chloroform	0.05	None
Chloromethane	0.05	None
Dibromochloromethane	0.05	None
1,2-Dichlorobenzene	0.05	None
1,3-Dichlorobenzene	0.05	None
1,4-Dichlorobenzene	0.05	None
Dichlorodifluoromethane	0.05	None
1,1-Dichloroethane	0.05	None
1,2-Dichloroethane	0.05	None
1,1-Dichloroethene	0.05	None
cis-1,2-Dichloroethene	0.05	None
trans-1,2-Dichloroethene	0.05	None
1,2-Dichloropropane	0.05	None
cis-1,3-Dichloropropene	0.05	None
trans-1,3-Dichloropropene	0.05	None
Methylene Chloride	0.05	None
1,1,2,2-Tetrachloroethane	0.05	None
Tetrachloroethene	0.05	None
1,1,1-Trichloroethane	0.05	None
1,1,2-Trichloroethane	0.05	None
Trichloroethene	0.05	None
Trichlorofluoromethane	0.05	None
1,1,2-Trichlorotrifluoroethane	0.05	None
Vinyl Chloride	0.05	None

Date: December 27, 1989
Client Project ID: Castro Valley
Auto Haus, 20697 Parkway

IT ANALYTICAL SERVICES
SAN JOSE, CA

Work Order Number: S9-11-366

Client Sample ID: 9.5 Bottom of East Tank

Sample Date: 11/29/89
Lab Sample ID: S9-11-366-06
Receipt Condition: Cool
Extraction Date: 12/5/89
Analysis Date: 12/11/89

Volatile Aromatics - E.P.A. Methods 602, 8020

Results - Milligrams per Kilogram

Parameter	Detection Limit	Detected
Benzene	0.05	None
Toluene	0.05	None
Ethyl benzene	0.05	None
Xylenes (total)	0.2	None

59-11-366

CHAIN OF CUSTODY RECORD

D & D Management Consultants, Inc.
6440 Hesket Court
San Jose, CA 95123

PROJECT NO.	SITE NAME & ADDRESS
	Castro Valley Autohaus 20697 Parkway

WITNESSING AGENCY / INSPECTOR NAME / DATE
Alameda Co. Hazardous Materials Scott Seery 11-29-89

ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION	TPH (Gasoline) & ~~B,T,X,&E~~ Luft Method	TPH (Diesel) & ~~B,T,X,&E~~	Total Oil & Grease 503 DHE -	Halogenated HC's 8010 - Method	B,T,X & E 8020 - Method	Heavy Metals Cd, Cr, Pb, Zn	*	REMARKS
	11/29/89	3:24pm	X		-7' North Side of Excav	X	X	X	X	X			Routine Analysis
		3:43pm	X		-7' South Side of Excav	X	X	X	X	X			
		3:40pm	X		-7' East Side of Excav	X	X	X	X	X	X	+	METHOD 8270 FOR PCB, PCP, PNA & Creosote
		3:37pm	X		-7' West Side of Excav.	X	X	X	X	X			
		3:28pm	X		-9.5' Bottom of West Tank	X	X	X	X	X			
		3:33pm	X		9.5' Bottom of East Tank	X	X	X	X	X			

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature) Paul Engkjer	Date/Time 11/30/89 1125	Rec'd for Laboratory by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Yes
2. Will samples remain refrigerated until analyzed? Yes
3. Did any samples received for analysis have head space? NO
4. Were samples in appropriate containers and properly packaged? Yes

Signature Technical Sales Title 11/30/89 Date

Rev: 12-88

Appendix C

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type: (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law
CAD980825166	0000		

3. Generator's Name and Mailing Address
CASTRO VALLEY AUTOMAS
20697 Parkway
Castro Valley, CA 94546
4. Generator's Phone (415) 581-4525

A. State Manifest Document Number 89492726
B. State Generator's ID

5. Transporter 1 Company Name H & H Ship Service Company
6. US EPA ID Number CAD980717116
C. State Transporter's ID 001564
D. Transporter's Phone (415) 543-4835

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
H & H Ship Service Company
220 China Basin Street
San Francisco, CA 94107
10. US EPA ID Number CAD980717116
G. State Facility's ID CAD980717116
H. Facility's Phone (415) 543-4835

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. HAZARDOUS WASTE LIQUID, N.O.S. [illegible] NA 9189	001	TF	02300	G	State 241 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
FUEL OIL AND WATER

K. Handling Codes for Wastes Listed Above
a. 01
b.
c.
d.

15. Special Handling Instructions and Additional Information
APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
James D. Craig		11	12	89

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JOSE J. MORENO		11	12	89

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF ACCIDENT OR SPILL, CALL THE CALIFORNIA EMERGENCY RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P O Box 400, Sacramento CA 95812-0400

Please print or type. (Form designed for use on elite (12-pitch) typewriter)

Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law
CAD982516353	00003	1	

A. State Manifest Document Number: 89492849

3. Generator's Name and Mailing Address:
CASTRO VALLEY ASSEMBLIES
20697 Parkway
Castro Valley, CA 94546

4. Generator's Phone: 415 581-8525

B. State Generator's ID:

5. Transporter 1 Company Name: H & H Ship Service Company

6. US EPA ID Number: CAD982471168

C. State Transporter's ID: 003765

D. Transporter's Phone: (415) 543-4835

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address:
H & H Ship Service Company
220 China Basin Street
San Francisco, CA 94107

9b. US EPA ID Number: CAD982471168

G. State Facility's ID:

H. Facility's Phone: (415) 543-4835

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. HAZARDOUS WASTE LIQUID, N.O.S. ORM-E NA 9189	006	DM	00330	G	State 781 EPA/Other
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above: FUEL OIL AND WATER

K. Handling Codes for Wastes Listed Above: a. 01 b. c. d.

15. Special Handling Instructions and Additional Information: APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
		11	10	86

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
FREDERICK TYRONE [illegible]		11	10	86

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed Typed Name	Signature	Month	Day	Year

GENERATOR

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 800-852-7550

89492849

DHS 8022 A (1/88)
EPA 8700-22
(Rev. 9-85) Previous editions are obsolete.

Do Not Write Below This Line

YELLOW, GENERATOR RETAINS

Appendix D

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFTY CODE.
SIGNED _____ DATE _____

REPORT DATE: 08/16/90 | CASE #:

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Paul Peakonic | PHONE: (408) 227-8300 | SIGNATURE: Paul Peakonic

REPRESENTING ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☒ OTHER Contractor

COMPANY OR AGENCY NAME: D&D Management

ADDRESS: 6440 Hoyt Ct (STREET) | San Jose (CITY) | CA (STATE) | 95123 (ZIP)

RESPONSIBLE PARTY

NAME: Castro Valley Autohaus ☐ UNKNOWN | CONTACT PERSON: Jim Craig | PHONE: (415) 581-4525

ADDRESS: 20697 Park Way (STREET) | Castro Valley (CITY) | CA (STATE) | 94546 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Castro Valley Autohaus | OPERATOR: Jim Craig | PHONE: (415) 581-4525

ADDRESS: 20697 Park Way (STREET) | Castro Valley (CITY) | Alameda (COUNTY) | 94546 (ZIP)

CROSS STREET: San Carlos

TYPE OF AREA ☒ COMMERCIAL ☐ INDUSTRIAL ☐ RURAL ☐ RESIDENTIAL ☐ OTHER _____

TYPE OF BUSINESS ☐ RETAIL FUEL STATION ☐ FARM ☒ OTHER Auto Repair

IMPLEMENTING AGENCIES

LOCAL AGENCY: Alameda Co. Health | AGENCY NAME | CONTACT PERSON: Scott Seery | PHONE: (415) 271-4320

REGIONAL BOARD: San Francisco | Lester Feldman | PHONE: ( )

SUBSTANCE(S) INVOLVED

(1) NAME: Waste Oil | QUANTITY LOST (GALLONS): _____ ☒ UNKNOWN

(2) _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 11/26/80 | HOW DISCOVERED ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER _____

DATE DISCHARGE BEGAN: M M D D Y Y ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☐ YES ☐ NO IF YES, DATE: M M D D Y Y

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☐ REPLACE TANK ☐ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☒ OTHER Tank Removed

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☒ TANK LEAK ☐ UNKNOWN ☐ PIPING LEAK ☐ OTHER

TANKS ONLY/CAPACITY: (2) 1000 GAL. | AGE 120 YRS ☐ UNKNOWN

MATERIAL: ☐ FIBERGLASS ☒ STEEL ☐ OTHER _____

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☒ CORROSION ☐ UNKNOWN ☐ SPILL ☐ OTHER _____

CASE TYPE

CHECK ONE ONLY
☒ UNDETERMINED ☐ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY
☒ SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) ☐ CLEANUP IN PROGRESS ☐ SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)
☐ NO ACTION TAKEN ☐ POST CLEANUP MONITORING IN PROGRESS ☐ NO FUNDS AVAILABLE TO PROCEED ☐ EVALUATING CLEANUP ALTERNATIVES

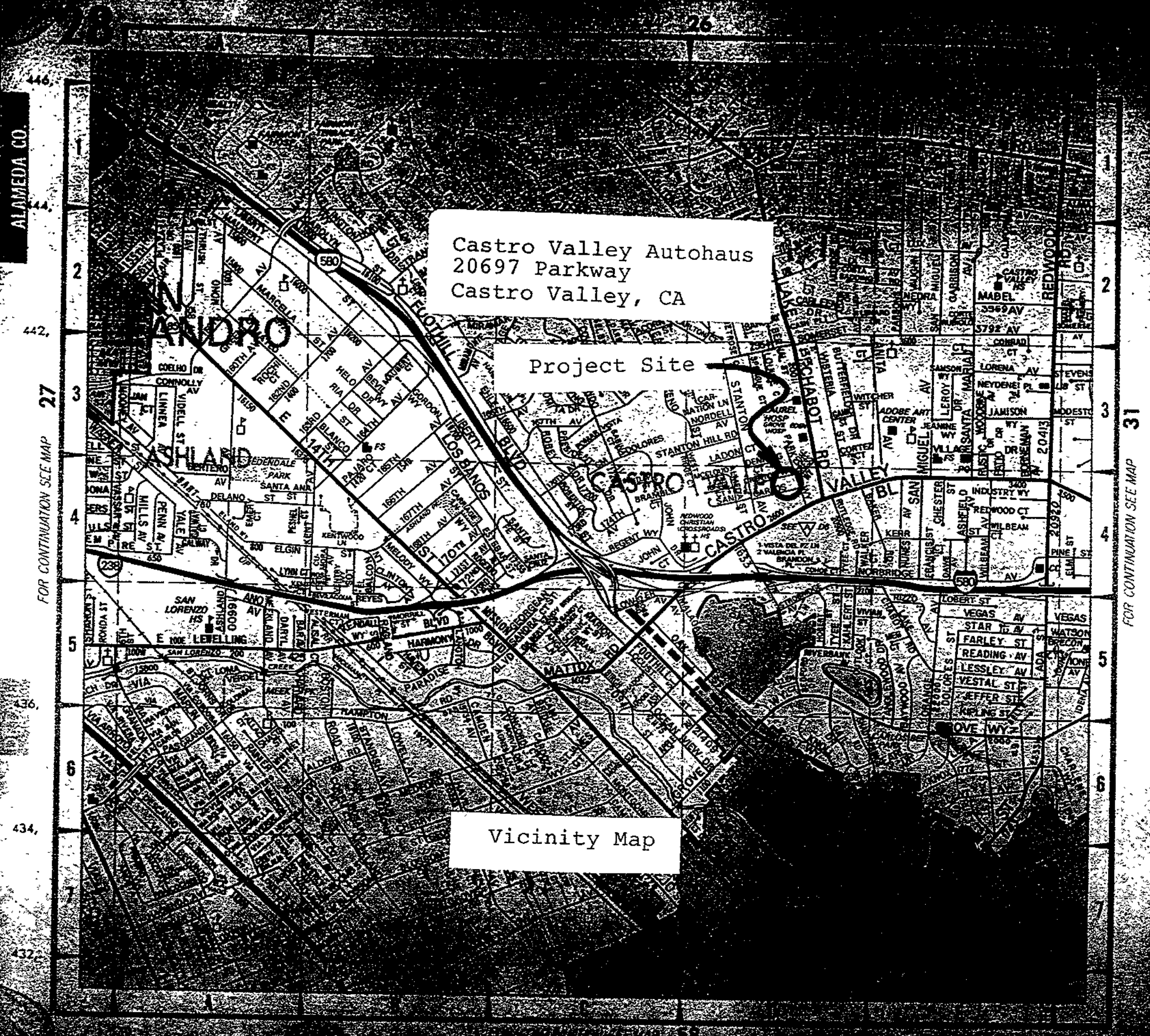
REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ TREATMENT AT HOOKUP (HU) ☐ NO ACTION REQUIRED (NA) ☐ OTHER (OT) _____

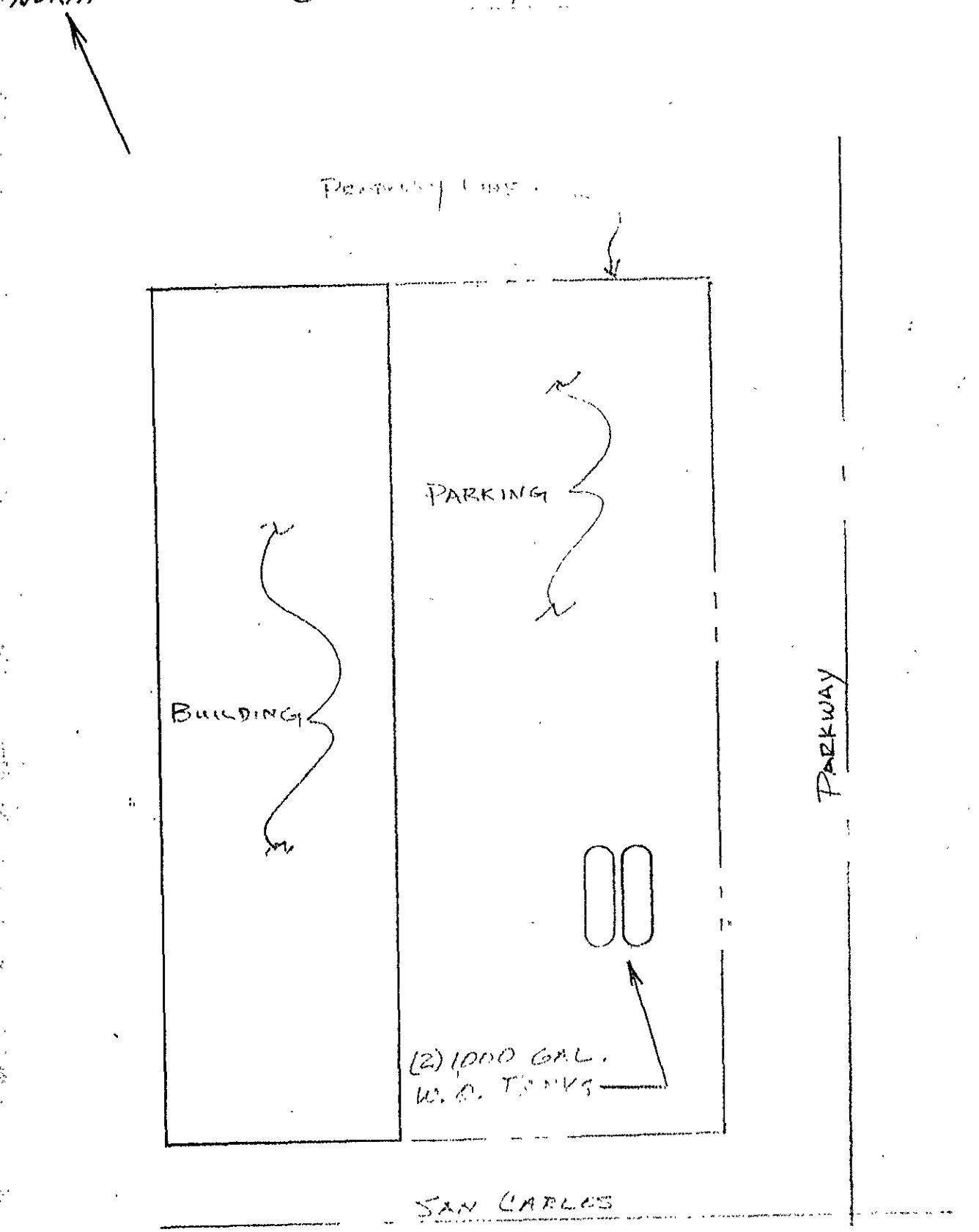
COMMENTS

HSC 05 (4/87)

Appendix E


Castro Valley Autohaus
20697 Parkway
Castro Valley, CA
Project Site
Vicinity Map
ALAMEDA CO.
FOR CONTINUATION SEE MAP 27
FOR CONTINUATION SEE MAP 31
SAN LEANDRO
ASHLAND
CASTRO VALLEY
CASTRO VALLEY BL
FOOTHILL BLVD
580

CASTRO VALLEY AUTO HAUS
20611 PARKWAY
CASTRO VALLEY, CA



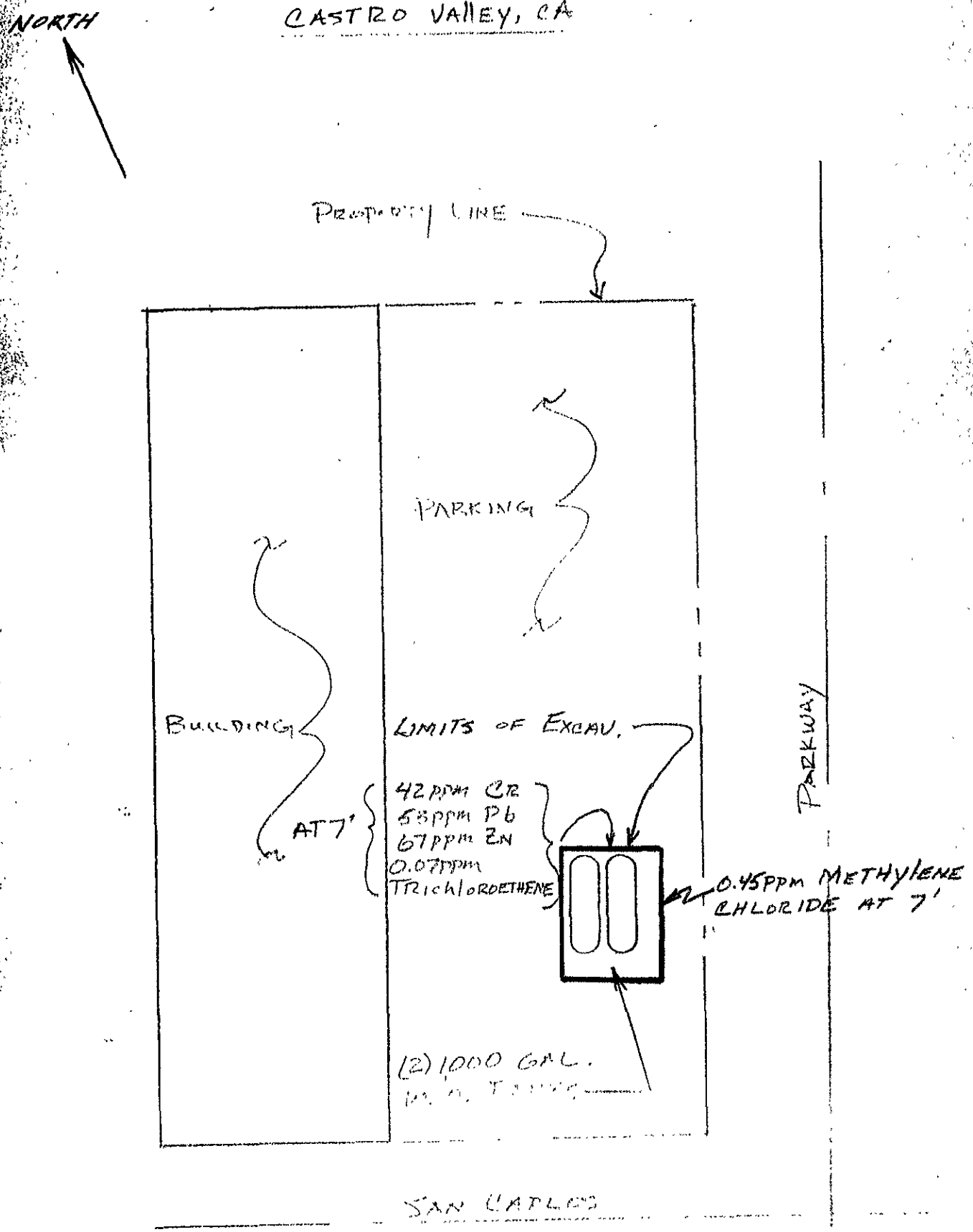
NOTE: NO UNDERGROUND [illegible]
DEPTH TO GROUNDWATER [illegible]'

SCALE 1"=20'

D & D MANAGEMENT
CONSULTANTS

Appendix F

CASTRO VALLEY AUTO HAUS
20647 PARKWAY
CASTRO VALLEY, CA



NOTE: NO UNDERGROUND STRUCTURES
DEPTH TO GROUNDWATER 45'

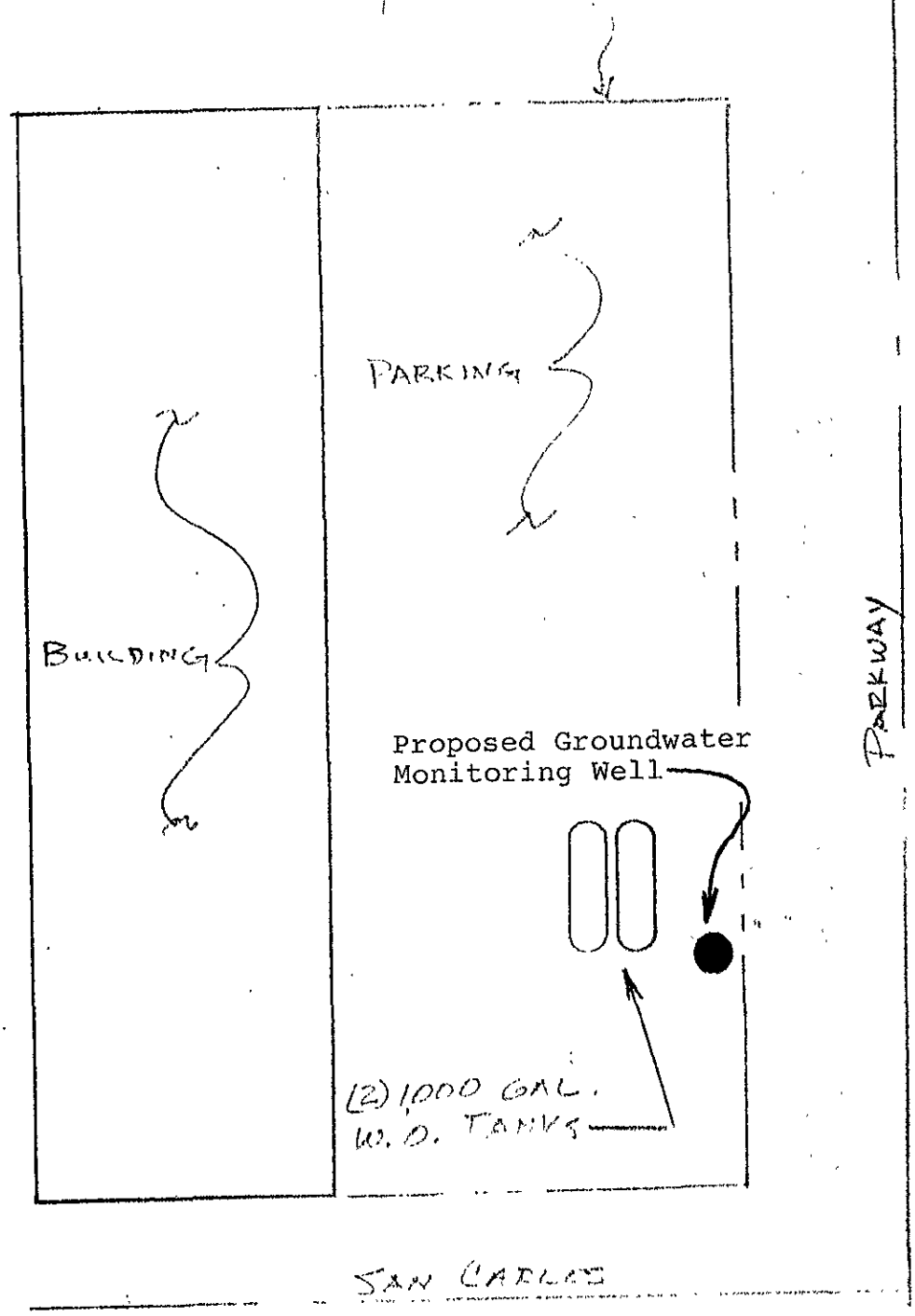
SCALE 1"=20'

D & D MANAGEMENT
CONSULTANTS

Appendix G

CASTRO VALLEY AUTO HAUS
20611 Parkway
CASTRO Valley, CA

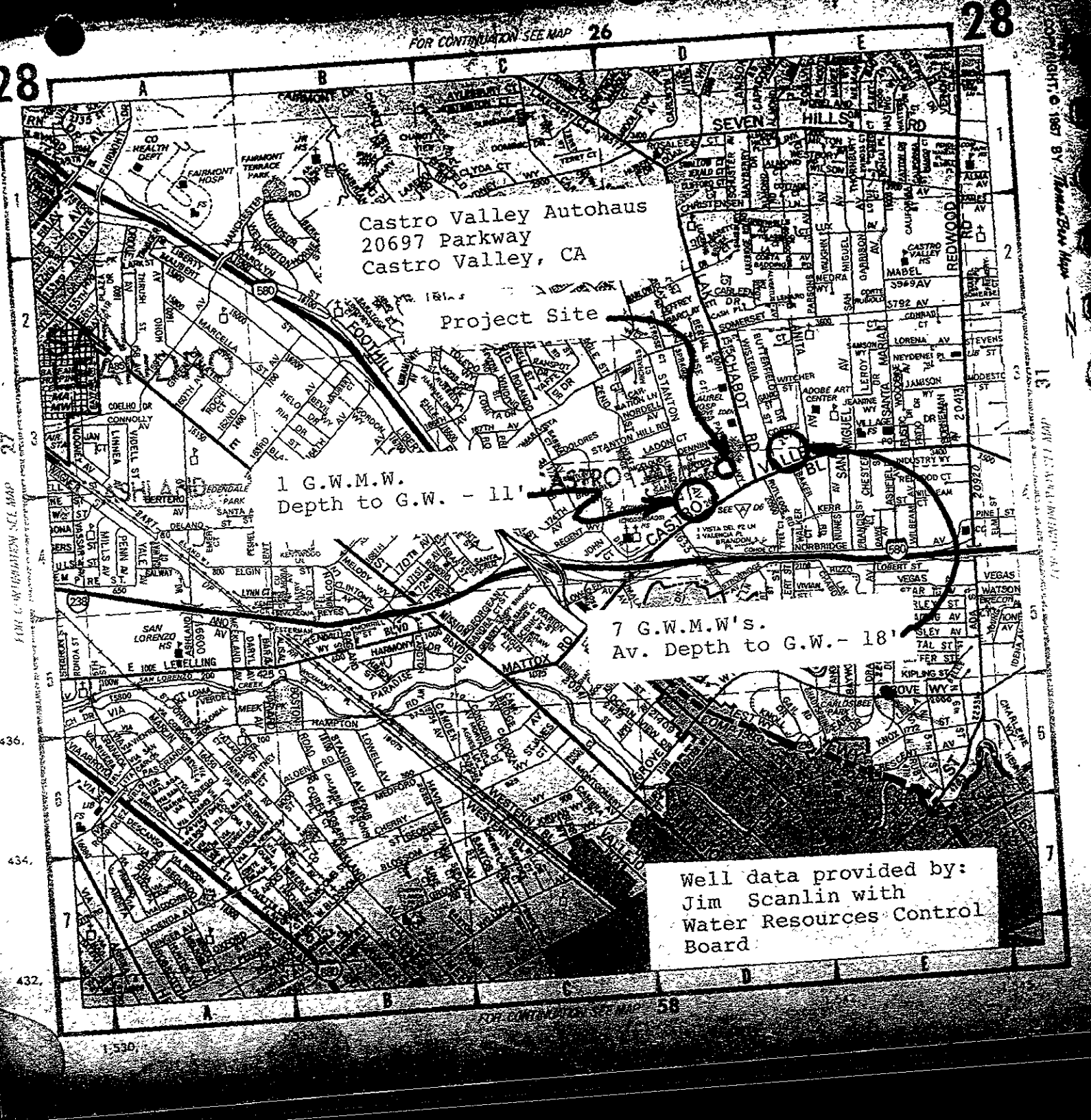
NORTH



NOTE: NO UNDERGROUND STRUCTURES
DEPTH TO GROUNDWATER [illegible]

SCALE 1"=20'

D & D MANAGEMENT
CONSULTANTS


Castro Valley Autohaus
20697 Parkway
Castro Valley, CA
Project Site
1 G.W.M.W.
Depth to G.W. - 11'
7 G.W.M.W's.
Av. Depth to G.W.- 18'
Well data provided by:
Jim Scanlin with
Water Resources Control
Board