CanonieEnvironmental

Canonie Environmental Services Corp.
7901 Stoneridge Drive
Suite 100
Pleasanton, California 94588

Phone 510-463-9117
FAX. 510-463-2981

91-153-05

March 20, 1992

Mr. Scott Seery
Senior Hazardous Materials Specialist
Alameda County Health Care Services
Agency
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621

Transmittal
Work Plan for Preliminary Site Assessment
Garcia Enterprises, Inc. Site
San Leandro, California

Dear Mr. Seery:

Please find enclosed a copy of the Work Plan for Preliminary Site Assessment for the Garcia Enterprises, Inc. site located at 16211 East 14th Street in San Leandro, California.

If you have any questions concerning the work plan, please contact me or David Poole at (510)463-9117.

Very truly yours,

James W. Babcock, Ph.D.
Project Manager

JWB/dpp

cc: A. Garcia, Garcia Enterprises, Inc.

March 1992 91-153-05

WORK PLAN FOR PRELIMINARY SITE ASSESSMENT GARCIA ENTERPRISES, INC. SITE SAN LEANDRO, CALIFORNIA

Prepared for: Garcia Enterprises, Inc.

CanonieEnvironmental

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7901 Stoneridge Drive
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91-153-05

March 20, 1992

Mr. Scott Seery
Senior Hazardous Materials Specialist
Alameda County Health Care Services
Agency
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621

Work Plan for
Preliminary Site Assessment
Garcia Enterprises, Inc. Site
16211 East 14th Street
San Leandro, California

Dear Mr. Seery:

This Work Plan for Preliminary Site Assessment (PSA) has been prepared by Canonie Environmental Services Corp. (Canonie) for the Garcia Enterprises, Inc. site located at 16211 East 14th Street in San Leandro, California. This Work Plan has been prepared in response to a letter dated February 7, 1992, from the Alameda County Health Care Services Agency, Department of Environmental Health (County), to Mr. Anthony J. Garcia requesting a PSA. The intent of this PSA is to assess potential impact to shallow ground water at the Garcia Enterprises, Inc. site due to petroleum hydrocarbons detected in water within an excavation for removal of underground storage tanks (USTs).

Introduction and Background

The Garcia Enterprises, Inc. site is located in San Leandro near the intersection of East 14th Street and 162nd Avenue (Figure 1). The site was formally the location of a car wash which was active from approximately 1954 through 1964. In conjunction with the car wash, two 10,000-gallon USTs were located at the site as shown on Figure 2. Both tanks were of steel single-wall construction. The specific contents of

each UST was not documented, however the USTs contained either gasoline or diesel fuel. The current tenant of the property is Town and Country Liquors.

Tank Removal Activities

Canonie performed UST removal activities at the Garcia Enterprises, Inc. site in accordance with an Underground Storage Tank Closure Plan approved by both the County and the Eden Consolidated Fire Protection District. In addition, both the State of California Division of Occupational Safety and Health and the Bay Area Air Quality Management District were notified of tank removal activities. The two USTs along with two service island pumps and associated piping were removed on July 17, 1991. A brief summary of the activities is as follows:

1) The fuel pipe lines were flushed with water from the service island back into the tanks. No tests to determine the integrity of the tanks were performed. Further, no inventory was available for the tanks, which have not been in service for over 25 years. The tank liquids and rinseate, totaling approximately 120 gallons, were transported under manifest by Erickson, Inc. to Gibson-Pilot in Redwood City for recycling.

2) The USTs, service island pumps, and piping were removed and transported under manifest by Erickson, Inc. to their Richmond Facility for recycling. The tanks, while having visible corrosion, did not have any visible holes.

3) Approximately 54 cubic yards of discolored backfill and native soils were removed from the excavation and temporarily stockpiled at the site. Following analysis, the stockpile soils were transported as nonhazardous to a Class III landfill for disposal.

4) After excavation of the soils that appeared to be contaminated, a total of four verification soil samples were taken from the excavation sidewalls (no bottom samples were taken since ground water was accumulating in the open excavation). One soil sample was taken from beneath the former pump island and three soil samples were taken beneath the removed product piping. The native soils were gray silt extending to approximately 11.5 feet, where a thin gravel lens was encountered.

5) Ground water was encountered in the excavation at a depth of approximately 10.5 feet. One water sample was taken from the water that accumulated in the tank removal excavation.

6) Approximately 1,600 gallons of water that accumulated in the UST excavation was pumped into a Baker™ Tank for temporary storage. Following analysis, the water was transported as non-hazardous to Gibson-Pilot in Redwood City for treatment.

Copies of all uniform hazardous waste manifests have been included in Appendix A. An unauthorized release form was completed by the County.

Results of Closure Analyses

A site plan depicting the former UST locations and soil sample locations is provided on Figure 2. All soil samples were taken at a depth of approximately nine to ten feet. Because the specific contents of each underground storage tank were not known (that is, diesel or gasoline), all verification samples were analyzed for total petroleum hydrocarbons-diesel range (TPH-D); total petroleum hydrocarbons-gasoline range (TPH-G); and benzene, toluene, ethylbenzene, and xylene (BTEX). The soil samples were analyzed for organic lead and water samples were analyzed for total lead.

The soil sample from the northeast tank excavation sidewall indicated a TPH-D concentration of 15 parts per million (ppm). TPH-G and BTEX were non-detectable for the northeast sidewall sample. No other detectable concentrations were indicated for any excavation sidewall samples. All pipe trench soil samples indicated non-detectable concentrations of all analytes tested. The soil sample taken beneath the former service pump location indicated benzene present at 0.16 ppm and toluene present at 0.217 ppm. TPH-D, TPH-G, xylene and ethylbenzene were all non-detectable. A summary of the chemical analyses is given in Table 1.

Two soil samples were also collected from the soil stockpile and were analyzed for TPH-G, TPH-D, BTEX, and organic lead. The "North Pile" sample indicated TPH-D and xylene present at concentrations of 43 ppm and 0.595 ppm, respectively. The "South Pile" sample indicated a TPH-D concentration of 1.3 ppm. All other analytes for these samples indicated nondetectable concentrations. As previously mentioned, the stockpile, totaling approximately 54 cubic yards, was transported as non-hazardous to a Class III landfill for disposal.

Only minor concentrations of petroleum hydrocarbons in soil were found during tank removal activities; the highest petroleum hydrocarbon concentration observed was 43 ppm (as TPH-D in the stockpile sample). No hazardous concentrations of petroleum hydrocarbons were observed. Considering nearly all of the verification soils samples had non-detectable concentrations of petroleum hydrocarbons and the relatively low concentrations found in soils removed, further soil characterization is not warranted.

The water grab sample (designated WS-1) obtained from the open excavation indicated the presence of TPH-D at 0.43 ppm, TPH-G at 3.4 ppm, benzene at 0.033 ppm, toluene at 0.084 ppm, ethylbenzene at 0.02 ppm, xylene at 0.13 ppm, and total lead at 0.021 ppm. Benzene was the only analyte found in excess of primary drinking water standards (maximum contaminant levels, 0.001 ppm for benzene) in the water sample retrieved directly from the excavation. It should be noted that this water had mixed with soil disturbed during excavation operations and is not representative of ground water quality. A water sample taken from the Baker™ Tank (designated WS-2) indicated concentrations of all analytes below primary drinking water standards. A summary of the chemical analyses is given in Table 1.

Proposed Ground Water Investigation

Canonie proposes to install a single ground water monitoring well at the location shown on Figure 2. As provided in the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites (August 1990), if the downgradient direction can be verified by adjacent sites, then only one monitoring well within 10 feet of the tank (former location) will be required.

Canonie performed a review of available agency information to collect information on ground water flow direction. In accordance with a phone conversation with Mr. Andreas Godfrey of Alameda County Public Works, the flow direction of shallow ground water generally follows the local topography in a westerly direction. Mr. Godfrey also referenced a site at 16304 Foothill Blvd. (intersection of Foothill Blvd. and 159th St.) for which the ground water flow (ground water depth of approximately 12 to 17 feet) is toward the southwest. Further, a file review of adjacent sites at the Regional Water Quality Control Board had ground water data available for only one site in the vicinity: a Unocal site located at 15803 East 19th Street. Quarterly * monitoring of ground water at this site has indicated a gradient generally to the northwest (depth to ground water of approximately 11 feet). >1000' to NW of site

Based upon this information, Canonie recommends the placement of one well directly west of the former tank location. Canonie proposes to use a truck-mounted flight auger rig. This rig uses hollow stem augers and can sample with either a split spoon sampler or a dry core system. The auger size chosen will provide sufficient annular space for a 2-inch diameter well. During drilling and well installation, a Canonie engineer/geologist will supervise the drilling subcontractor, log the soil samples and drill cuttings, and obtain samples for chemical analyses. Soil samples will be collected at a depth of approximately five and ten feet using a split-spoon sampler lined with brass tubes. The ends of the brass tubes will be wrapped with aluminum foil and covered with plastic caps. The brass tubes will be labeled and sealed in a Ziplock™ bag.

* Note: Reviewing monitoring data at this site indicates GW gradients have fluctuated to E during the course of the investigation, 6/99.

Samples will be labeled with the sample location, depth interval, date, job number, and sampler's initials. Each sample will be recorded on a chain-of-custody form which will be maintained with the cooler. Samples collected will be placed immediately in a cooler with ice, or equivalent, and transported the same day to the laboratory for analysis, when possible. The soil samples will be analyzed for TPH-G, TPH-D, and BTEX (EPA Methods 8015 modified and 8020).

All down-hole equipment will be steam-cleaned prior to use and before leaving the site, and the split-spoon sampler will be washed in a solution of trisodium phosphate (TSP) or equivalent and rinsed with potable water between each sample run. All soil cuttings and steam cleaning water will be containerized in 55-gallon drums. These drums will be moved to a temporary on-site storage area pending analytical results.

Canonie proposes to place 2-inch diameter PVC casing with sand filter pack and surface seal for the ground water monitoring well proposed in this PSA. PVC blank casing coupled to 0.010 inch slot PVC screen will be used to complete the well. The well screen will extend approximately five feet above and ten feet below the existing water table. In addition, because the native soils are primarily silt, a number 2/12 Monterey-type sand (or equivalent) will be used for the filter pack. The top of the sand filter will extend to a depth of one foot above the top of the screen. A one- to two-foot bentonite seal will be placed immediately above the sand filter pack. An expansive cement-bentonite grout will then be placed from the top of the bentonite seal to approximately one foot below ground surface.

A locking diaphragm expansion cap will be affixed to the piezometer to discourage unauthorized access to the well. A well monument with a bolted lid will be set around the well casing with neat cement or concrete, slightly elevated above the surrounding ground surface to prevent ponding of water. A typical well construction detail is shown on Figure 3.

The ground water monitoring well will be developed by aggressively applying a vented surge block to each well continuously for 30 minutes. This should effectively develop the surrounding formation into the filter pack. After surging has been completed, five to ten casing volumes of water will be extracted from the well to remove sediment which was generated during surging. The purge water will be temporarily stored on-site in 55-gallon steel drums. This extraction will also serve to purge the well in preparation for sampling, which will be completed following well development. Water samples will be collected with either a disposable polyvinyl chloride or teflon bailer a minimum of 48 hours after developing the well. Water samples will be collected for analysis for TPH-G, TPH-D, and BTEX (EPA Method 8015 modified and 601). Sample labeling, handling, and chain of custody procedures will conform to those described previously.

no surging is to occur just prior to sampling

BTEX is EPA 602

Following receipt of all analytical results, a letter report will be prepared to summarize the activities completed for the PSA. If you have any questions concerning this Work Plan for Preliminary Site Assessment, please contact me or David Poole at (510) 463-9117.

Respectfully submitted,

James W. Babcock, Ph.D.
Project Manager

JWB/tam

cc: A. Garcia, Garcia Enterprises, Inc.

LIST OF TABLES

LIST OF FIGURES

DATE: February 10, 1992

TO : Local Oversight Program

FROM: Scott

SUBJ: Transfer of Elligible Oversight Case

Site name: Garcia Enterprises

Address: 16211 E. 14th Street City San Leandro Zip 94578

Closure plan attached? (Y) N DepRef remaining $ 97.98

DepRef Project # 5091A STID #(if any) [redacted] 3745

Number of Tanks: 2 removed? (Y) N Date of removal 7/17/91

Leak Report filed? (Y) N Date of Discovery 7/17/91

Samples received? (Y) N Contamination: Groundwater / minor soil

Petroleum (Y) N Types: Avgas Jet (leaded) (unleaded) (Diesel)
fuel oil waste oil kerosene solvents

Monitoring wells on site 0 Monitoring schedule? Y (N)

LUFT category 1 2 (3) * H (S) (C) (A) R W G O

Briefly describe the following:

Preliminary Assessment pending

Remedial Action NA

Post Remedial Action Monitoring NA

Enforcement Action NA

Two (2) 10,000 gallon UST removed 7/17/91. Severe corrosion of USTs and product piping noted, though no through-going holes were observed. Soil ~~showed~~ exhibited minor (<100ppm) contamination, although shallow GW was present in UST pit. GW was impacted with up to 33 ppb benzene, 480ppb TPH-G, and ~~3~~ 3400 ppb TPH-D. PSA proposal request made 2/7/92.

457. Mercuric oxide (red and yellow) (T,F)
458. Mercuric oxycyanide (T,R)
459. Mercuric-potassium iodide, Mayer's reagent (T)
460. Mercuric salicylate, Salicylated mercury (T)
461. Mercuric subsulfate, Mercuric dioxysulfate (T)
462. Mercuric sulfate, Mercury sulfate (T)
463. Mercuric thiocyanide, Mercury thiocyanate (T)
464. Mercurol, Mercury nucleate (T)
465. Mercurous bromide (T)
466. Mercurous gluconate (T)
467. Mercurous iodide (T)
468. Mercurous nitrate (T,R)
469. Mercurous oxide (T)
470. Mercurous sulfate, Mercury bisulfate (T)
471. *Mercury (T)
473. *Mercury compounds (T)
474. Metal carbonyls (T)
475. *Metal hydrides (F,R)
476 Metal powders (T,F)
477A. *Methomyl, LANNATE, S-Methyl-N-[(methyl-carbamoyl) oxy) thioacetimidate (T)
477B. *Methoxychlor; 1,1,1-Trichloro-2, 2-bis(p-methoxyphenyl)ethane, CHEMFLORM; MARLATE (T)
478. *Methoxyethylmercuric chloride, AGALLOL, ARETAN (T)
479 Methyl acetate (T,F)
480. Methyl acetone (Mixture of acetone, methyl acetate, and methyl alcohol) (T,F)
481. Methyl alcohol, Methanol (T,F)
482. *Methylaluminum sesquibromide (F,R)
483. *Methylaluminum sesquichloride (F,R)
484. Methylamine, Aminomethane (T,F)
485. N-Methylaniline (T)
486. *Methyl bromide, Bromomethane (T)
487. 2-Methyl-1-butene (F)
488. 3-Methyl-1-butene (F)
489. Methyl butyl ether (and isomers) (T,F)
490. Methyl butyrate (and isomers) (T,F)
491. Methyl chloride, Chloromethane (T,F)
492. *Methyl chloroformate, Methyl chlorocarbonate (T,F,R)
493. *Methyl chloromethyl ether, CMME (T,F)
494. Methylcyclohexane (T,F)
495. *Methyldichloroarsine (T)
496. *Methyldichlorosilane (T,F,R)
497. *4,4-Methylene bis(2-chloroaniline), MOCA (T)
498. Methyl ethyl ether (T,F)
499. Methyl ethyl ketone, 2-Butanone (T,F)
500. Methyl ethyl ketone peroxide (T,F)
501. Methyl formate (T,F)
502. *Methyl hydrazine, Monomethyl hydrazine, MMH (T,F)

503. *Methyl isocyanate (T,F)
504. Methyl isopropenyl ketone, 3-Methyl-3-butene-2-one (T,F)
505. *Methylmagnesium bromide (C,F,R)
506. *Methylmagnesium chloride (C,F,R)
507. *Methylmagnesium iodide (C,F,R)
508. Methyl mercaptan, Methanethiol (T,F)
509. Methyl methacrylate (monomer) (T,F)
510. *Methyl parathion;O,O-Dimethyl-O-para-nitrophenylphosphorothioate (T)
511. Methyl propionate (F)
512. *Methyltrichlorosilane (T,C,F,R)
513. Methyl valerate, Methyl pentanoate (and isomers) (F)
514. Methyl vinyl ketone, 3-Butene-2 one (T,F)
515A. *Mevinphos, PHOSDRIN, 2-Carbomethoxy-1-methylvinyl dimethyl phosphate (T)
515B. *Mirex; 1,1a,2,2,3,3a,4,5,5,5a,5b,6-Dodecachlorooctahydro-1, 3, 4 metheno-1H-cyclobuta (cd) pentalene, Dechlorane (T)
516 *MOCAP, O-Ethyl-S,S-dipropyl phosphorodithioate (T)
517. Molybdenum (powder) (F)
518. Molybdenum trioxide, Molybdenum anhydride (T)
519. Molybdic acid and salts (T)
520. Monochloroacetic acid, Chloracetic acid, MCA (T,C)
521. Monochloroacetone, Chloracetone, 1-Chloro-2-propanone (T)
522. Monofluorophosphoric acid (T,C)
523. Naphtha (of petroleum or coal tar origin), Petroleum ether, Petroleum naphtha (T,F)
524. Naphthalene (T,S)
525. *alpha-Naphthylamine, 1-NA (T)
526. *beta-Naphthylamine, 2-NA (T)
527. Neohexane; 2,2-Dimethylbutane (T,F)
528. Nickel (powder) (T,F)
529. Nickel acetate (T)
530. Nickel antimonide (T)
531. *Nickel arsenate, Nickelous arsenate (T)
532. *Nickel carbonyl, Nickel tetracarbonyl (T)
533. Nickel chloride, Nickelous chloride (T)
534. *Nickel cyanide (T)
535. Nickel nitrate, Nickelous nitrate (T,F,R)
536. Nickel selenide (T)
537. Nickel sulfate (T)
538. Nicotine, beta-pyridyl-alpha-N-methyl pyrrolidine (T)
539. Nicotine salts (T)
540. Nitric acid (T,C,F)
541. Nitroaniline, Nitraniline (ortho, meta, para) (T,R)
542. *Nitrobenzol, Nitrobenzene (T)
543. *4-Nitrobiphenyl, 4-NBP (T)
544. Nitro carbo nitrate (F,R)
545. Nitrocellulose, Cellulose nitrate, Guncotton, Pyroxylin, Collodion, Pyroxylin (nitrocellulose) in ether and alcohol (F,R)

546. Nitrochlorobenzene, Chloronitrobenzene (ortho,meta,para) (T)
547. Nitrogen mustard (T,C)
548. *Nitrogen tetroxide, Nitrogen dioxide (T,F)*
549. Nitroglycerin, Trinitroglycerin (T,F,R)
550. Nitrohydrochloric acid, Aqua regia (T,C,F)
551. *Nitrophenol (ortho, meta, para) (T)
552. *N-Nitrosodimethylamine, Dimethyl nitrosoamine (T)
553. Nitrosoguanidine (R)
554. Nitrostarch, Starch nitrate (F,R)
555. Nitroxylol, Nitroxylene, Dimethylnitrobenzene (2,4-;3,4-;2,5-isomers) (T)
556. 1-Nonene, 1-Nonylene (and isomers) (T,F)
557. *Nonyltrichlorosilane (T,R)
558. *Octadecyltrichlorosilane (T,R)
559. n-Octane (and isomers) (T,F)
560. 1-Octene, 1-Caprylene (T,F)
561. *Octyltrichlorosilane (T,R)
563. *Oleum, Fuming sulfuric acid (T,C,R)
565. *Osmium compounds (T)*
566. Oxalic acid (T)
567. *Oxygen difluoride (T,C,R)
568. *Para-oxon, MINTACOL;O,O-Diethyl-O-para-nitrophenyl phosphate (T)
569. *Parathion; O,O-Diethyl-O-para-nitrophenyl phosphorothioate (T)
570A. *Pentaborane (T,F,R)
570B. Pentachlorophenol, PCP, DOWICIDE 7 (T)
571. *Pentaerythrite tetranitrate, Pentaerythritol tetranitrate (R)*
572. n-Pentane (and isomers) (T,F)
573. 2-Pentanone, Methyl propyl ketone (and isomers) (T,F)
574. Peracetic acid, Peroxyacetic acid (T,C,F,R)
575. Perchloric acid (T,C,F,R)
576. Perchloroethylene, Tetrachloroethylene (T)
577. *Perchloromethyl mercaptan, Trichloromethylsulfenyl chloride (T)
578. Perchloryl fluoride (T,C,F)
580. *Phenol, Carbolic acid (T,C)*
581. *Phenyldichloroarsine (T,I)
582. Phenylenediamine, Diaminobenzene (ortho,meta,para) (T)
583. Phenylhydrazine hydrochloride (T)
584. *Phenylphenol, Orthozenol, DOWICIDE 1 (T)
585. *Phenyltrichlorosilane (T,R)
586. *Phorate, THIMET; O,O-Diethyl-S-[(Ethylthio) methyl] phosphorodithioate (T)
587. *Phosfolan, CYOLAN, 2-(Diethoxyphosphinylimino)-1,3-dithiolane (T)*
588. *Phosgene, Carbonyl chloride (T,R)
589. *Phosphamidon, DIMECRON, 2-Chloro-2-diethylcarbamoyl-1-methyl-vinyl dimethyl phosphate (T)
590. *Phosphine, Hydrogen phosphide (T,F)
591. Phosphoric acid (C)
592. Phosphoric anhydride, Phosphorus pentoxide (C,F)

LIST OF APPENDICES

TABLE 1
SUMMARY OF CHEMICAL ANALYSES
GARCIA ENTERPRISES

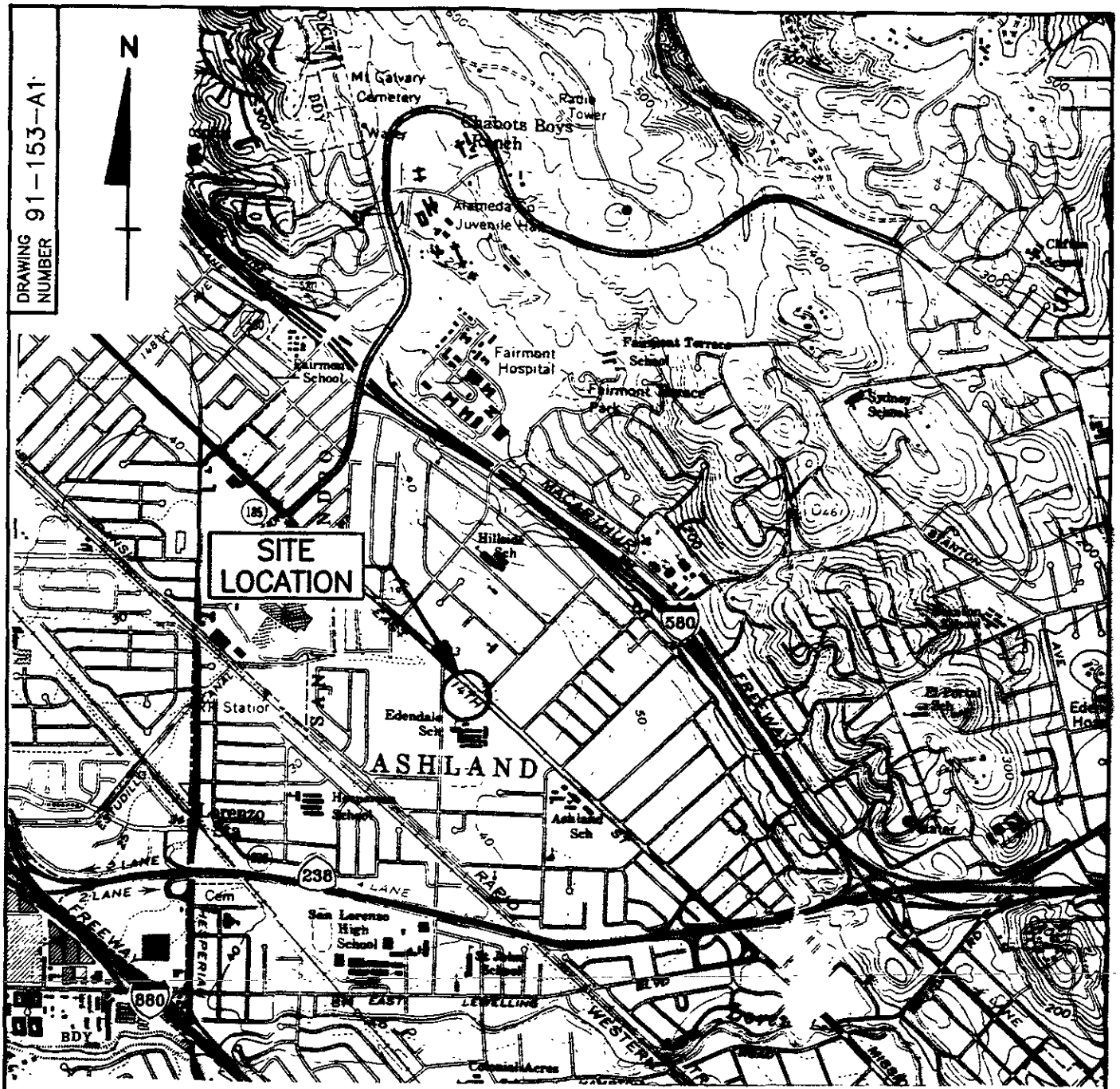
Sample Identification	Total Petroleum Hydro-carbons, Diesel (ppm)	Total Petroleum Hydro-carbons, Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylene (ppm)	Organic Lead (ppm)	Total Lead (ppm)
Sidewall Samples								
NE-9.5'	15	ND	ND	ND	ND	ND	ND	NT
NW-10'	ND	ND	ND	ND	ND	ND	ND	NT
SE-9.5'	ND	ND	ND	ND	ND	ND	ND	NT
SW-10'	ND	ND	ND	ND	ND	ND	ND	NT
Pump and Trench Samples								
Pumps	ND	ND	0.16	0.217	ND	ND	ND	NT
T-1	ND	ND	ND	ND	ND	ND	ND	NT
T-2	ND	ND	ND	ND	ND	ND	ND	NT
T-3	ND	ND	ND	ND	ND	ND	ND	NT
Stockpile Samples								
North Pile	43	ND	ND	ND	ND	0.595	ND	NT
South Pile	1.3	ND	ND	ND	ND	ND	ND	NT

TABLE 1
SUMMARY OF CHEMICAL ANALYSES
GARCIA ENTERPRISES
(Continued)

Sample Identification	Total Petroleum Hydro-carbons, Diesel (ppm)	Total Petroleum Hydro-carbons, Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylene (ppm)	Organic Lead (ppm)	Total Lead (ppm)	
Water Samples									
WS-1	0.43	3.4	0.033	0.084	0.02	0.13	NT	0.021	21 ppb
WS-2	0.12	0.88	0.00089	0.00081	ND	ND	NT	0.0059	5.9 ppb

Notes
1) ND indicates none detected at method detection limits.
2) NT indicates not tested.

DRAWING NUMBER 91-153-A1



REFERENCES:

USGS 7.5 MIN TOPOGRAPHIC MAP
TITLED: HAYWARD & SAN LEANDRO, CALIFORNIA
DATED: 1959 (REV. 1980)

SITE LOCATION MAP
GARCIA ENTERPRISES SITE
SAN LEANDRO, CALIFORNIA

PREPARED FOR

GARCIA ENTERPRISES, INC.
SAN LEANDRO, CALIFORNIA

CanonieEnvironmental

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
2	8-8-91	ISSUED FOR UNDERGROUND STORAGE TANK CLOSURE REPORT	VZC		
1	6-25-91	ISSUED FOR HEALTH AND SAFETY PLAN	KCH		BL

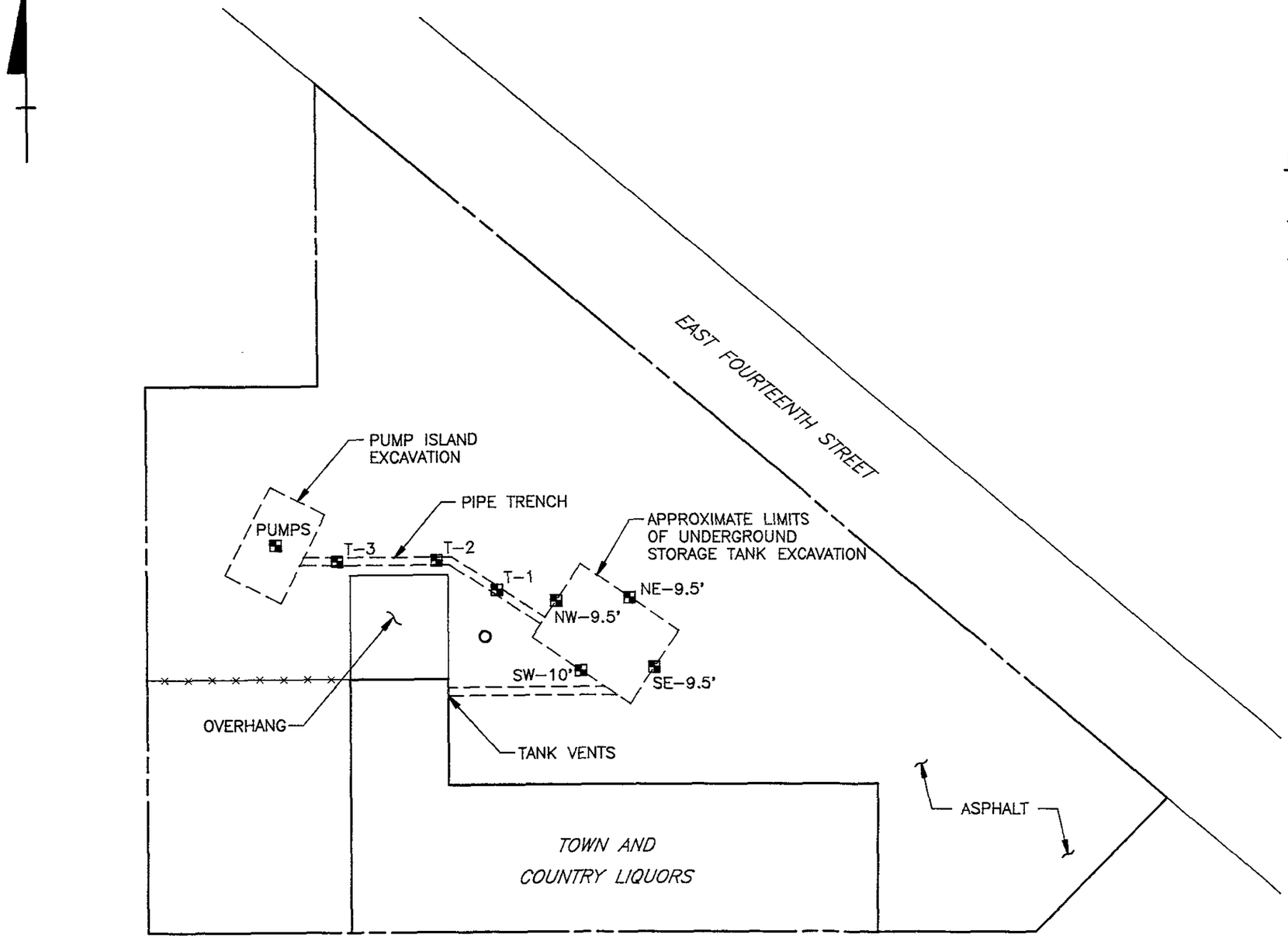
DATE: 6-24-91
SCALE: AS SHOWN

FIGURE 1

DRAWING NUMBER 91-153-A1

DRAWING NUMBER 91-153-B5

N



LEGEND:

- PROPERTY LINE
- APPROXIMATE LIMITS OF EXCAVATION
- SOIL SAMPLE LOCATION
- PROPOSED MONITORING WELL LOCATION

SCALE

30 0 30 FEET

SITE PLAN
GARCIA ENTERPRISES SITE
SAN LEANDRO, CALIFORNIA

PREPARED FOR

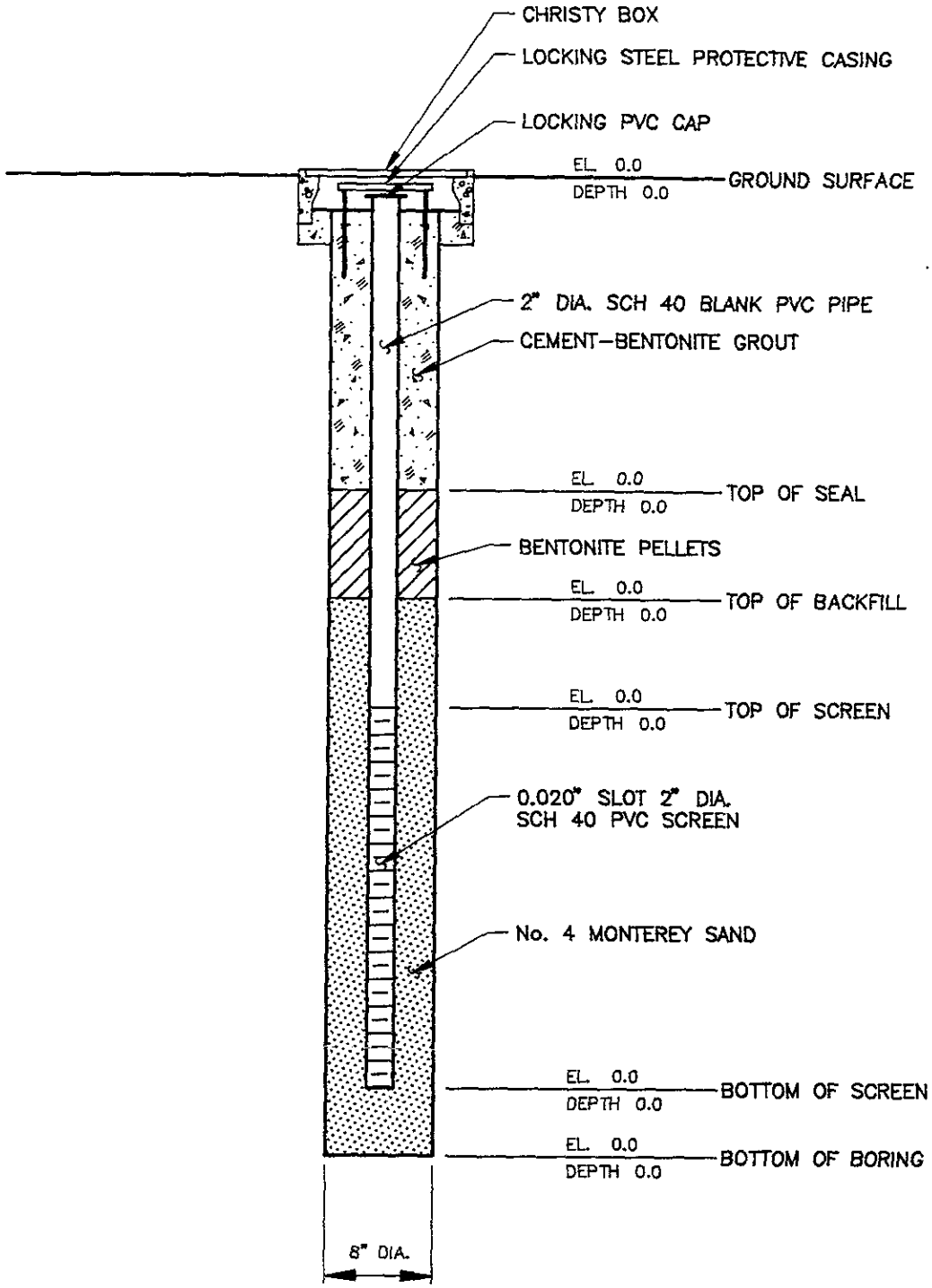
GARCIA ENTERPRISES, INC.
SAN LEANDRO, CALIFORNIA

Canonie Environmental

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	3-23-92	ISSUED FOR PRELIMINARY SITE ASSESSMENT REPORT	VZC	RSP	

DATE: 3-12-92	FIGURE 2	DRAWING NUMBER 91-153-B5
SCALE: AS SHOWN		

DRAWING NUMBER 91-153-A6



TYPICAL WELL DETAIL
GARCIA ENTERPRISES SITE
SAN LEANDRO, CALIFORNIA

PREPARED FOR

GARCIA ENTERPRISES, INC.
SAN LEANDRO, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	3-20-92	ISSUED FOR PRELIMINARY SITE ASSESSMENT	DS		

Canonie Environmental

DATE: 3-19-92
SCALE: N.T.S.

FIGURE 3

DRAWING NUMBER 91-153-A6

APPENDIX A

UNIFORM HAZARDOUS WASTE MANIFESTS

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.: C A C 0 0 0 6 6 0 0 6 6 — Manifest Document No. 0 5 6 1 3 2

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Garcia Enterprises, Inc.
16101 East 14th Street, San Leandro, CA 94578

4. Generator's Phone (415) 351-6161

A. State Manifest Document Number [redacted] 90052894 [redacted]

B. State Generator's ID [redacted]

5. Transporter 1 Company Name: Erickson, Inc.

6. US EPA ID Number: C A D 0 0 9 4 6 6 3 9 2

C. State Transporter's ID [redacted]

D. Transporter's Phone [redacted]

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID [redacted]

F. Transporter's Phone [redacted]

9. Designated Facility Name and Site Address
Gibson Pilot, J.V.
475 Seaport Blvd., Redwood City, CA 94603

10. US EPA ID Number: C A D 0 4 3 2 6 0 7 0 2

G. State Facility's ID [redacted]

H. Facility's Phone [redacted]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ, HAZARDOUS WASTE LIQUID, N.O.S. ORM-E, NA 9189, (D018) [redacted]	[redacted]	001	[redacted]	00 [redacted]	[redacted]
b. [redacted]	[redacted]				
c. [redacted]	[redacted]				
d. [redacted]	[redacted]				

J. Additional Descriptions for Materials Listed Above [redacted]

15. Special Handling Instructions and Additional Information
GIBSON PROFILE [redacted]
USE PROPER [redacted]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment [redacted] 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: ANTHONY [redacted] GARCIA | Signature: [redacted] | Month Day Year: [redacted]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: ROBERT [redacted] | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name [redacted] | Signature [redacted] | Month Day Year

19. Discrepancy Indication Space [redacted]

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

DHS 8022 A (1/88)
EPA 8700—22
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YELLOW: GENERATOR RETAINS

Please print or type. Form designed for use on elite (12-pitch typewriter). and Front of Page 7 Toxic Substances Control Division Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000609240 Manifest Document No. 90573694

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GARCIA ENTERPRISES, INC
16101 EAST 14TH STREET, SAN LEANDRO, CA 94578

A. State Manifest Document Number 90573694

4. Generator's Phone (415) 351-6161

B. State Generator's ID

5. Transporter 1 Company Name: TRIDENT TRUCK LINE INC

6. US EPA ID Number: CAD982484370

C. State Transporter's ID 204340

D. Transporter's Phone (415) 783-2881

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
Erickson, Inc.
255 Parr Blvd.
Richmond, Ca. 94801

10. US EPA ID Number: CAD009466392

G. State Facility's ID CAD009466392

H. Facility's Phone (415) 235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	001	T	10000	P	State 512 EPA/Other NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
Qty. ONE Empty Storage Tank (s) [illegible]
[illegible] Tank (s) have been purged [illegible]
Dry Ice per 1000 Gal. Capacity. [illegible]
WITH PUMPS AND PIPING

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.S.T.'s 24 Hr. Contact Name BRIAN WETZSTEON Phone (415) 463-9117

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
AGENT FOR BRIAN WETZSTEON GARCIA ENT.	Brian Wetzsteon	07	17	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JOE FERRIZ	J. Ferriz	07	17	91

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 1-800-852-7550

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

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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).*

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Servic
Toxic Substances Control Divis
Sacramento, Califor

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.
CAC000609240	90392233		

3. Generator's Name and Mailing Address
GARCIA ENTERPRISES, INC
16101 EAST 14TH STREET, SAN LEANDRO, CA 94578
4. Generator's Phone 415) 351-6161

A. State Manifest Document Number: 90392233
B. State Generator's ID:

5. Transporter 1 Company Name: TRIDENT TRUCK LINE, INC.
6. US EPA ID Number: CAD982484370
C. State Transporter's ID: 204337
D. Transporter's Phone: (415) 783-2881

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
ERICKSON INCORPORATED
255 PARR BLVD.
RICHMOND, CA. 94801
10. US EPA ID Number: CAD009466392
G. State Facility's ID: CAD009466392
H. Facility's Phone: (415) 235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. EMPTY TANK NON-RCRA HAZARDOUS WASTE SOLID	001	BW T	10000	P	State 312 EPA/Other NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
QUANTITY 1 EMPTY STORAGE TANK(S) 6650 GALLON CAPACITY HAVE BEEN INERTED WITH 15 LBS. DRY ICE

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
KEEP AWAY FROM SOURCES OF IGNITION.. ALWAYS WEAR HARDHATS AND GLASSES WHEN WORKING AROUND UNDERGROUND STORAGE TANKS. 24 HR. CONTACT NAME: BRIAN WETZSTEON AND PHONE: (415)463-9117

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.

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Printed/Typed Name	Signature	Month	Day	Year
AGENT FOR BRIAN WETZSTEON GARCIA ENT.	Brian Wetzsteon	07	17	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
WAINE MEYER	Waine Meyer	07	17	91

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

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90392233

DHS 8022 A
EPA 8700—22
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